



Orthodontic Product Catalog



Creating success for patients and your practice.

The orthodontic business and treatment models are changing. Patients have more choices than ever, and they're playing an active role when it comes to their treatment plans. At the same time, emerging technology is driving innovation and new efficiencies in the practice of orthodontics.

In the midst of this change, your goal remains the same—creating beautiful, confident smiles that will last your patients a lifetime.

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Order your products!

www.solventum.com/en-us/home/oral-care/orthodontic-solutions/

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Clarity™ Aligners with Clarity™ Precision Grip Attachments



CLARITY™

Go work wonders.

Clarity digital solutions provide flexibility and efficiency so you can achieve the best outcomes for your patients and your practice. Discover how Clarity can help you work wonders.

Four important reasons to add Clarity Aligners to your existing treatment options.



Force persistence



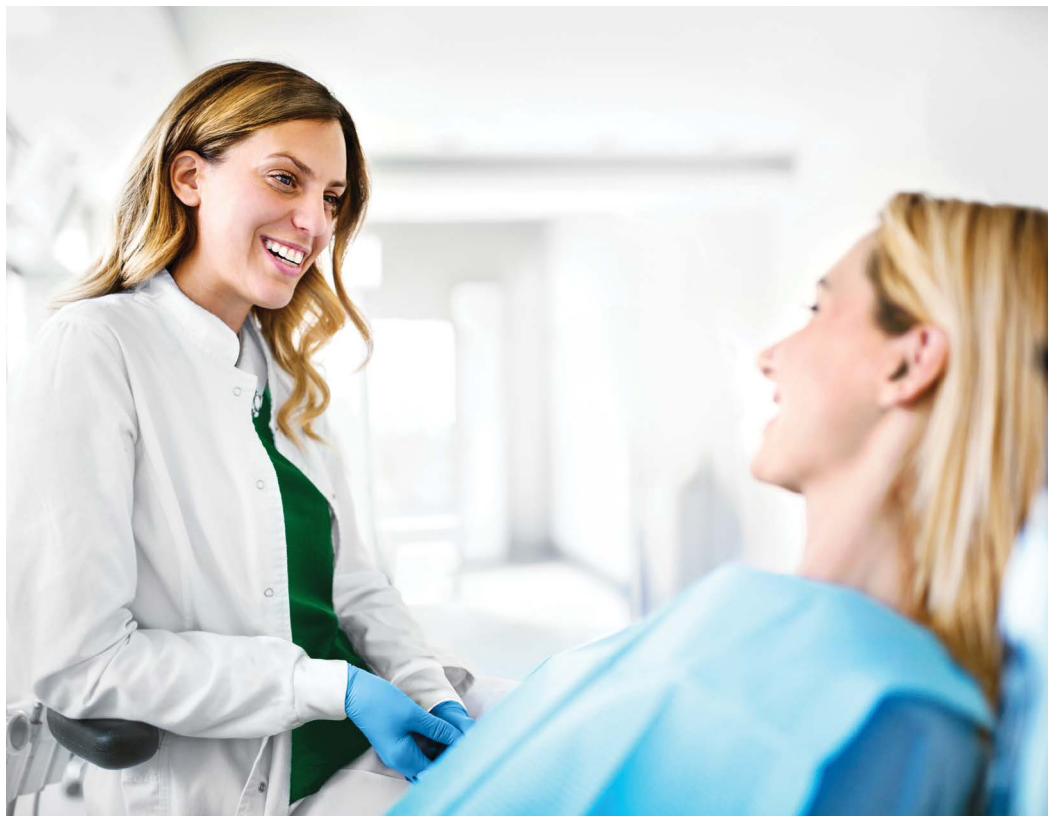
Stain resistance



Torque control



**Straight trimline
for patient comfort**



Clarity™ Aligners with Clarity™ Precision Grip Attachments

Clarity™ Precision Grip Attachments

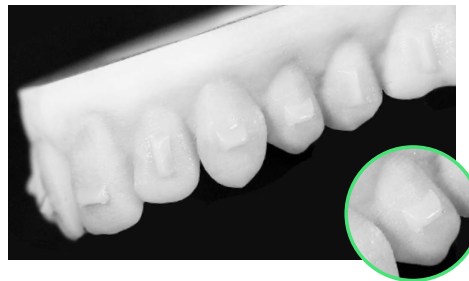
Pre-loaded, 3D-printed, fully cured composite attachments that are optimally shaped, and customized to fit each patients' unique anatomy. Designed to increase predictability of your attachment bonding process, this revolutionary technology will change the way you work, for good.

See the difference:



Conventional attachments

- Unpredictable shapes
- Variability
- Imprecision
- Time intensive
- Excess composite
- Technique sensitive
- Unreliable aligner engagement



Clarity Precision Grip Attachments

- ✓ Precisely customizable
- ✓ No excess composite
- ✓ Simplified process
- ✓ Reliably durable
- ✓ Beautiful esthetics
- ✓ Easier debonding
- ✓ Predictable aligner engagement



Precise

Pre-filled attachments offer better tracking* when compared to conventional attachments



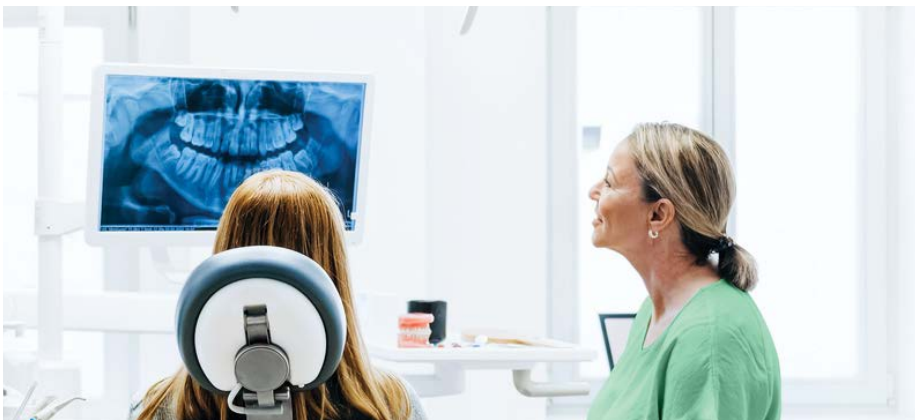
Flash-less

No flash to clear away, cutting down on appointment time and unwanted tooth movement



Simplified

Pre-loaded attachments eliminate technique sensitivity and reduce onboarding time for new staff



*Solventum data on file

Clarity™ Digital Bonding

You plan the strategy. We provide the tools to make it work. Solution features:

Made of two layers: soft gel inlay to conform to the patient's anatomy and hard outer shell to add rigidity and support placement of the tray.

Removable outer layer is designed to facilitate bracket insertion and tray removal after bonding.

Clear appearance

Blue midline marker to assist with tray alignment when seating

Meets FDA requirements for biocompatibility*

High degree of bracket placement accuracy

Compatible with:



**SmartClip™ SL3
Self-Ligating Brackets**
Refer to Section 2



**Clarity™ Advanced
Ceramic Brackets**
Refer to Section 3



**Victory Series™
Low Profile Brackets**
Refer to Section 4



**Victory Series™ Superior
Fit Buccal Tubes**
Refer to Section 4 and 5

Streamlined, shorter bonding appointments*



Save up to
26
minutes
of team time per
bonding appointment*



Reduce up to
19
minutes
of doctor time per
bonding appointment*



Reduce
up to
1.2
repositioning
appointments per case*



Save up to
6
months
of
treatment time

Digital flash-free bonding

Our APC™ Flash-Free Adhesive Coated Appliance System has a resin-soaked nonwoven mat that adheres to the enamel eliminating the process of flash removal.

Traditional paste adhesive require detailed flash cleanup or even grinding, if already cured.



*Solventum data on file

Clarity™ Retainers

Keep your smile straight: Clarity™ Retainers are clear and nearly invisible

The straight trimline makes them, more comfortable and more esthetic, and the material resists scratching and staining.



Highly durable



Easy to insert and remove



Fit well



Comfortable upon
initial seating



Custom fit to you



Clarity Retainers are:

- ✓ Gluten free
- ✓ BPA free
- ✓ Natural rubber latex free
- ✓ Mercury free
- ✓ Phthalates free



Clarity™ Portal

Choice. Efficiency. Control.

Clarity Portal offers cloud-based accessibility to aligner, bracket and dental restorative treatments with a simple process and intuitive platform.

The features you want, without the hassle

- Cloud-based software provides convenient access to Tx Design
- Accepts any high quality STL file
- Seamless workflow for Clarity™ Aligners, Clarity™ Digital Bonding, Filtek™ Matrix and combination Tx Designs

Time saving features

- Movement grid
- Access to full history of patient records
- Patient and case notes
- Virtual roots with accurate lengths
- Ability to combine treatment types (hybrid treatment)
- Downloadable STL files



Plan every move for aligners, brackets and restorative treatment, all in one place

Clarity™
Retainers



Clarity™ Aligners
Flex + Force



Clarity™
Digital Bonding



Filtek™
Matrix



Clarity™ Precision
Grip Attachments



86% 
of orthodontists
surveyed rate the Clarity
Portal software platform as
‘easy to use’*

A progress scan*
showing the evolution
of treatment can be
generated in just four
to six minutes



- HIPAA compliant
- Unique staff credentials

Also accepts
any **high quality**
.STL file



*Solventum data on file

Clarity™ Portal

Simple ordering process

**1. Patient**

Upload patient information

**2. Product**

Select Tx modality

**3. Records**

Complete patient records

**4. Rx**

Provide Rx details

**5. Review**

Review and submit the order



100%*

of surveyed doctors
agree that Solventum
offers **excellent**
customer support

“

I find that the portal is very user friendly, easy to understand and easy to fill out...

It's so intuitive and it's web-based... and they have an open system where you can use any scanner.”

Dr. Diane Milberg

“

The idea that you have one online platform with all of your treatments is hugely beneficial for us as doctors.”

Dr. Christian Groth

Filtek™ Matrix

Together with Filtek™ Matrix

Clarity Aligners and Filtek Matrix — available together on Clarity Portal — to expand and differentiate your practice.

Filtek Matrix is a digitally designed anterior matrix that helps simplify restorative procedures for you and your patients.



Predictable outcomes:

increased confidence with results aligned to digital design



Esthetic results:

durable composite restorations aligned to planned dentition shape



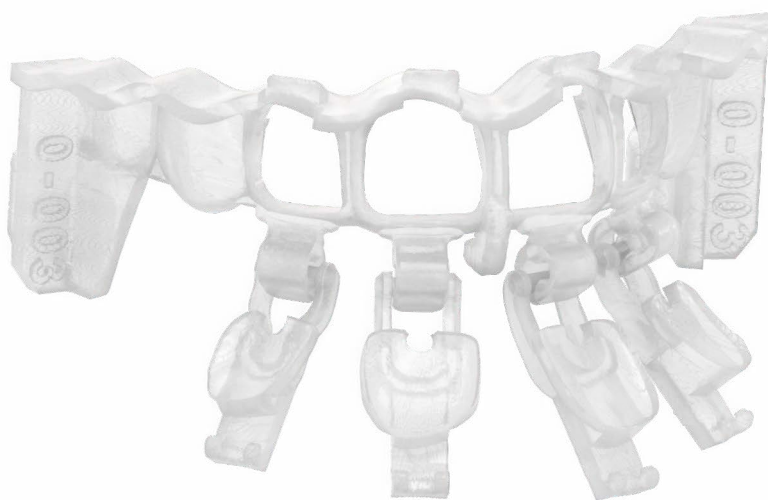
Conservative treatment:

preserve healthy tooth structure



Efficient procedure:

helps save time and effort compared to the free-hand technique



SmartClip™ SL3 Self-Ligating Appliance System..... 2.2

Victory Series™ Active Self-Ligating Brackets..... 2.6

Clarity™ Ultra Self-Ligating Brackets 2.8

2.2 Self-Ligating Appliances

SmartClip™ SL3 Self-Ligating Appliance System

Refer to Section 1
Clarity™ Digital Bonding

Design

Smooth radius surface for enhanced patient comfort

Notched tie-wings for additional bicuspid identification Low profile self-ligating bracket

Torque-in-base for level slot line up and improved finishing

Familiar bracket

Twin shape bracket with rhomboidal design

Color-coded quadrant ID system

Alignment

Vertical scribe line for more accurate bracket placement

Intelligent SL3 clip

Enhanced for easy wire engagement and disengagement

Pre-programmed “release” of the archwire Open, clean design for patient hygiene

Precisely finished nickel - titanium

Bonding

Optional APC™ Adhesive Coated Appliance System

Micro-etched 3-point contact base surface for anatomical contouring



Available molar brackets for a complete 6 x 6 system

The SmartClip™ Self-Ligating Appliance System revolutionizes self-ligation. An integral nickel-titanium clip permits easy and simple archwire insertion and removal, yet holds the archwire with a pre-programmed force that avoids unintentional disengagement. The SmartClip™ Bracket also features a familiar twin-bracket design and is available in several prescriptions. Choose either the APC™ II Adhesive Coated Appliance System, the APC™ PLUS Adhesive Coated Appliance System with color change adhesive, or the APC™ Flash-Free Adhesive Coated Appliance System for enhanced bonding efficiency. These features, exclusively together in the SmartClip Appliance System, combine to bring greater efficiencies and more predictable outcomes to orthodontic treatment.

SmartClip™ SL3 Brackets available with:

APC™ Flash-Free Adhesive

Also available with APC™ II and APC™ Plus Adhesive pre-coating.

MBT™ Versatile+ Appliance System

SmartClip™ SL3 Self-Ligating Appliance System

MBT™ Versatile+ Appliance System Prescription

MAXILLARY			IN/OUT		Part Number – .018 in.		Offset	Part Number – .022 in.		Offset
Tooth	Torque	Angulation	in.	mm	L	R		L	R	
Central	22	4	0.04	1.02	004-401**	004-402**		004-501	004-502	
Central	17	4	0.04	1.02	004-201	004-202		004-301	004-302	
Lateral	10	8	0.05	1.27	004-203	004-204		004-303	004-304	
Cuspid HK	-7	8	0.032	0.81	004-209	004-210		004-309	004-310	
Cuspid	0	8	0.032	0.81	004-211	004-212		-	-	
Cuspid HK	0	8	0.032	0.81	004-213	004-214		004-313	004-314	
Bicuspid Universal	-7	0	0.036	0.91	004-215		0****	004-315		0
Bicuspid HK	-7	0	0.036	0.91	004-217	004-218		004-317	004-318	0
1st Molar with Tie-wings	-14	10 (Distal Offset)			004-6011	004-6022		004-7011	004-7022	
MANDIBULAR			IN/OUT		Part Number – .018 in.			Part Number – .022 in.		
Tooth	Torque	Angulation	in.	mm	L	R		L	R	
Anterior	-6	0	0.06	1.52	004-229			004-329		
Cuspid HK	-6	3	0.03	0.76	004-233	004-234		004-333	004-334	
Cuspid	0	3	0.03	0.76	-	-		004-335**	004-336**	
Cuspid HK	0	3	0.03	0.76	004-237	004-238		004-337	004-338	
1st Bicuspid	-12	2	0.038	0.97	004-239	004-240	0	004-339	004-340	
1st Bicuspid HK	-12	2	0.038	0.97	004-241	004-242	0	004-341	004-342	0
2nd Bicuspid	-17	2	0.039	0.99	004-247	004-248	0	004-347	004-348	0
2nd Bicuspid HK	-17	2	0.039	0.99	004-249	004-250	0	004-349	004-350	0
1st Molar with Tie-wings	-20	0 (Distal Offset)			004-6033	004-6044		004-7033	004-7044	

*Solventum version of this prescription. No endorsement by the Doctor is implied.

**Available Uncoated only.

***Available Uncoated and with APC™ II Adhesive only.

****Not available with APC™ Plus Adhesive.

Adding Prefix "3" is APC™ II Adhesive System

Adding Prefix "5" is APC™ PLUS Adhesive System

Adding Prefix "4" is APC™ Flash-Free Adhesive System

Single Patient Kits	Part Number	Part Number	Rx
Single Patient Kits – 6×6	.018 in.	.022 in.	
U/L 6×6 Cuspid HK	-	004-127*	MBT
U/L 6×6 HK	-	004-128	MBT
U/L 6×6 0° Torque Cuspid Cuspid HK	-	004-130	MBT
U/L 6×6 0° Torque Cuspid HK	-	004-131***	MBT

*Available Uncoated and with APC™ II Adhesive Kits only.

**Available Uncoated and with APC™ Flash-Free Adhesive only.

***Available Uncoated and with APC™ PLUS Adhesive Kits only.

Adding Prefix "3" is APC™ II System
Example: 3004-106

Adding Prefix "5" is APC™ PLUS System
Example: 5004-106

Adding Prefix "4" is APC™ Flash-Free System
Example: 4004-106

Note

APC™ System brackets sold in units of five.

APC™ System molar appliances sold in units of four.

2.4 Self-Ligating Appliances

SmartClip™ SL3 Self-Ligating Appliance System

Roth Prescription

MAXILLARY			IN/OUT		Part Number – .018 in.		Offset	Part Number – .022 in.		Offset
Tooth	Torque	Angulation	in.	mm	L	R		L	R	
Central	12	3	0.04	1.02	004-405	004-406		004-505	004-506	
Lateral	5	8	0.05	1.27	004-409	004-410		004-509	004-510	
Cuspid	0	8	0.032	0.81	004-211	004-212		-	-	
Cuspid HK	0	8	0.032	0.81	004-213	004-214		004-313	004-314	
Bicuspid Universal Offset	-9	0	0.036	0.91	004-4190***			-		
Bicuspid Universal	-7	0	0.036	0.91	004-215		0****	004-315		0
Bicuspid HK	-7	0	0.036	0.91	004-217	004-218	0	004-317	004-318	0
1st Molar with Tie-wings	-14	10 (Distal Offset)			004-6011	004-6022		004-7011	004-7022	
MANDIBULAR			IN/OUT		Part Number – .018 in.			Part Number – .022 in.		
Tooth	Torque	Angulation	in.	mm	L	R		L	R	
Anterior	-1	0	0.06	1.52	004-431			004-531		
Cuspid HK	-6	3	0.03	0.76	004-233	004-234		004-333	004-334	
Cuspid HK	-3	3	0.03	0.76	004-439	004-440		004-539	004-540	
1st Bicuspid	-12	2	0.038	0.97	004-239	004-240	0	004-339	004-340	
1st Bicuspid HK	-12	2	0.038	0.97	004-241	004-242	0	004-341	004-342	0
2nd Bicuspid	-17	2	0.039	0.99	004-247	004-248	0	004-347	004-348	0
2nd Bicuspid HK	-17	2	0.039	0.99	004-249	004-250	0	004-349	004-350	0
1st Molar with Tie-wings	-20	0 (Distal Offset)			004-6033	004-6044		004-7033	004-7044	

*Solventum version of this prescription. No endorsement by the Doctor is implied.

**Available Uncoated only.

***Available Uncoated and with APC™ II Adhesive only.

****Not available with APC™ Plus Adhesive.

Adding Prefix "3" is APC™ II Adhesive System

Adding Prefix "5" is APC™ PLUS Adhesive System

Adding Prefix "4" is APC™ Flash-Free Adhesive System

Note

APC™ System brackets sold in units of five.

APC™ System molar appliances sold in units of four.

SmartClip™ SL3 Self-Ligating Appliance System High Torque Prescription

MAXILLARY			IN/OUT		Part Number – .018 in.		Offset	Part Number – .022 in.		Offset
Tooth	Torque	Angulation	in.	mm	L	R		L	R	
Central	22	5	0.04	1.02	004-403	004-404		004-503	004-504	
Central	22	4	0.04	1.02	004-401**	004-402**		004-501	004-502	
Lateral	15	9	0.05	1.27	004-407	004-408		004-507	004-508	
Cuspid HK	6	8	0.032	0.81	004-413	004-414		004-513	004-514	
Bicuspid Universal	-4	0	0.036	0.91	004-425			004-525		
Bicuspid HK	-4	0	0.036	0.91	004-427	004-429	0	004-527	004-529	0
1st Molar with Tie-wings	-14	10 (Distal Offset)			004-6011	004-6022		004-7011	004-7022	
MANDIBULAR			IN/OUT		Part Number – .018 in.			Part Number – .022 in.		
Tooth	Torque	Angulation	in.	mm	L	R		L	R	
Anterior	3	0	0.06	1.52	004-432			004-532		
Cuspid HK	7	3	0.03	0.76	004-435	004-436		004-535	004-536	
1st Bicuspid	-12	2	0.038	0.97	004-239	004-240	0	004-339	004-340	0
1st Bicuspid HK	-12	2	0.038	0.97	004-241	004-242	0	004-341	004-342	0
2nd Bicuspid	-17	2	0.039	0.99	004-247	004-248	0	004-347	004-348	0
2nd Bicuspid HK	-17	2	0.039	0.99	004-249	004-250	0	004-349	004-350	0
1st Molar with Tie-wings	-20	0 (Distal Offset)			004-6033	004-6044		004-7033	004-7044	
*Solventum version of this prescription. No endorsement by the Doctor is implied. **Available Uncoated and with APC™ Flash-Free Adhesive only.					Adding Prefix “3” is APC™ II Adhesive System					
					Adding Prefix “5” is APC™ PLUS Adhesive System					
					Adding Prefix “4” is APC™ Flash-Free Adhesive System					

*Solventum version of this prescription. No endorsement by the Doctor is implied.

**Available Uncoated and with APC™ Flash-Free Adhesive only.

***Available in Uncoated Kit only.

Single Patient Kits	Part Number	Part Number	Rx
Single Patient Kits – 5×5	.018 in.	.022 in.	
U/L 5×5	-	004-120**	MBT
U/L 5×5 Cuspid HK	004-101**	004-121	MBT
U/L 5×5 HK	004-102	004-122	MBT
U/L 5×5 0° Torque Cuspid Cuspid HK	004-104	004-124	MBT
U/L 5×5 0° Torque Cuspid HK	004-105	004-125	MBT
U/L 5×5 HK	-	004-147***	High Torque*
U/L 5×5 Cuspid HK	004-133	-	Roth*
U/L 5×5 HK	-	004-144	Roth*
Adding Prefix "3" is APC™ II System Example: 3004-100			
Adding Prefix "5" is APC™ PLUS System Example: 5004-100			
Adding Prefix "4" is APC™ Flash-Free System Example: 4004-100			

Note

APC™ System brackets sold in units of five.

APC™ System molar appliances sold in units of four.

2.6 Self-Ligating Appliances

Victory Series™ Active Self-Ligating Brackets

Victory Series Brackets are widely accepted as an industry benchmark for outstanding performance. Advanced Victory Series™ Active Self-Ligating Brackets have been designed and detailed to be no exception. Quality manufactured to strict tolerances and extensively tested to assure reliability, Victory Series Active Self-Ligating Brackets will help you effectively treat even the most difficult cases with confidence.

The Victory Series Active Self-Ligating Bracket has a robust ligating mechanism that is designed for reliability in use and ease of operation. And the full slot-width size door maximizes available rotational control capability. You can also add optional APC™ II Adhesive coating for reduced bonding steps and added convenience.

Accurate bracket placement and positioning

Parallel mesial-distal sides and vertical scribe line provide visual references^{7,8}

Torque-in-base allows for level slot line-up⁹

Enhanced patient comfort

Precision MIM bracket body with rounded edges¹

Round, low profile hooks²

Easy to open & close door

Doors can be opened using either the U-notch or the gingival tab³

Vertical groove under the door allows for easy opening from the U-notch⁴

Design advantages for treatment flexibility

Rounded slot edges designed to reduce archwire binding¹⁰

Ample under tie-wing area for use of elastic chains and other ligated auxiliaries¹¹

Compatible with other active self-ligating bracket archwire sequences¹²

Reliable Self-Ligating Door Mechanism¹⁴

Heat-treated Nickel-Cobalt alloy door for secure and robust ligation (shown transparent)⁵

Full slot-width door for optimal rotational control⁶

Intricate base for greater bond strength

Micro-etched, 80-gauge mesh pad applied at a 45° angle¹³

Anatomically contoured base surface¹³

Optional APC™ Adhesive Coated Appliance System

Victory Series™ Active Brackets available with:

APC™ II Adhesive

References 1-14, see complete list in publication 021-148, Victory Series™ Active Self-Ligating Appliances.

Victory Series™ Active Self-Ligating Brackets

Parts List – 0.022 slot Roth* Prescription

Maxillary			IN/OUT		0.022 in.	
Tooth	Torque	Angulation	in.	mm	L	R
Central	+12	+5	0.040	1.02	025-301	025-302
Lateral	+8	+9	0.049	1.24	025-303	025-304
Cuspid HK	-2	+10	0.032	0.81	025-307	025-308
Bicuspid HK	-7	0	0.037	0.94	025-310	025-311
Mandibular			IN/OUT		0.022 in.	
Tooth	Torque	Angulation	in.	mm	L	R
Anterior	-1	0	0.058	1.47	025-312	
Cuspid HK	-11	+7	0.030	0.76	025-315	025-316
1st Bicuspid HK	-17	0	0.039	0.99	025-319	025-320
2nd Bicuspid HK	-22	0	0.033	0.84	025-323	025-324

Adding Prefix "3" is APC™ II Adhesive System – Example: 3025-301

Single Patient Kits	Part Number
Single Patient Kits – 5×5	0.022 in.
U/L 5×5 Victory Series™ Active Self-Ligating Brackets HKs	025-127

Adding Prefix "3" is APC™ II Adhesive System – Example: 3025-127

Active Bracket Design means Dynamic Performance.

Victory Series Active Self-Ligating Brackets offer dynamic interaction between the ligating mechanism and the archwire as treatment phases change, with performance advantages in each phase.

Passive Phase	Interactive Phase	Active Phase
 Round archwires in .022 slot With round archwires, the bracket is passive, resulting in minimal archwire contact and low friction for efficient leveling and alignment.	 Sizes below .016 x .025 in .022 slot Small square or rectangular archwires fill the slot but do not reach the ligating mechanism. This adds control during the working phase for space closure, rotation control and arch form expression.	 Sizes starting at .016 x .025 in .022 slot Larger rectangular archwires engage the ligating mechanism, offering full control for finishing and detailing.

*Solventum version of this prescription. No endorsement by the Doctor is implied.

2.8 Self-Ligating Appliances

Clarity™ Ultra Self-Ligating Brackets

Showcase your expertise. Deliver precise results.

Clarity™ Ultra Self-Ligating Brackets offer rotational control, improved versatility and Solventum's unique stress concentrator designed for predictable, consistent debonding.

Solventum's proprietary oval under tie-wing area permits double ligation for treatment versatility.

Passive self-ligating bracket becomes active on-demand with addition of metal or elastomeric ligatures.

Translucent, stain-resistant ceramic for brilliant esthetics. No metal parts show.

A wide ceramic door assists rotational control with a broad mesial-distal span.

Injection-molded ceramic provides smooth, rounded surfaces and corners designed for patient comfort.

Made of fine-grained alumina, designed for strength.

Product Benefits:

- Available with APC™ Flash-Free Adhesive precoating
- No metal parts showing
- Door as wide as bracket
- An audible click is heard when the door opens and closes
- Reliable, self-ligating doors withstand more than 2x the open- and closing-cycles of typical treatment
- MBT™ Versatile+ Appliance System prescription
- Fine-grained alumina ceramic provides excellent translucency

Clarity™ Ultra Self-Ligating Brackets

MBT™ Appliance System Prescription

Maxillary			IN/OUT		Part Number – 0.022 in.	
Tooth	Torque	Angulation	in.	mm	L	R
Central	+17°	4°	0.026	0.66	003-301	003-302
Lateral	+10°	8°	0.035	0.89	003-303	003-304
Cuspid Hk	0°	8°	0.021	0.53	003-307	003-308
Bicuspid Hk	-7°	0°	0.029	0.74	003-310	003-311
Mandibular					Part Number – 0.022 in.	
Tooth	Torque	Angulation	in.	mm	L	R
Anterior	-6°	0°	0.045	1.14	003-350	003-350
Cuspid Hk	0°	3°	0.020	0.51	003-353	003-354
1st Bicuspid Hk	-12°	2°	0.030	0.76	003-357	003-358
2nd Bicuspid Hk	-17°	2°	0.034	0.86	003-361	003-362

Adding Prefix "4" is APC™ Flash-Free Adhesive System – Example: 4003-301

Patient Kits

	Part Number – 0.022 in.
U/L Lt/Rt 5×5 Hk	003-111
U Lt/Rt 5×5 Hk	003-116

Adding Prefix "4" is APC™ Flash-Free Adhesive System – Example: 4003-111

Instruments for the Ultra SL System

	Part Number
Open-Close Instrument	804-155
Debonding Instrument	804-175



Clarity Ultra Brackets available precoated with:

APC™ Flash-Free Adhesive



Simple, efficient bonding process.

Powered by technology, the APC Flash-Free Adhesive Coated Appliance System is the most efficient bonding system in orthodontics. Our innovative design created a unique adhesive bonding substrate on the base of the bracket that saves you time and positively impacts patient satisfaction.

Clarity™ Advanced Ceramic Brackets 3.2

Clarity™ Ultra Self-Ligating Brackets 3.7

3.2 Ceramic Brackets

Clarity™ Advanced Ceramic Brackets

**Attractive appearance.
Distinct design.**

Predictable, consistent debonding with proprietary stress concentrator.

Reduce the uncertainty of the ceramic bracket debonding process with our unique stress concentrator, a hallmark of the Clarity brand. This innovative design feature allows for mesial-distal debonding with a simple squeeze, so you can debond with confidence and help ensure the patients' debonding visit will be a positive part of the treatment experience.

Enhanced patient comfort.

Small, low profile bracket with smooth bracket surface and rounded corners enhance patient comfort.



Clarity™ Advanced Ceramic Brackets

Advanced ceramics. Enhanced beauty.

Clarity Advanced Ceramic Brackets are a revolutionary leap forward in orthodontic ceramic brackets. Through the combination of progressive technology and state-of-the-art design, Clarity Advanced Ceramic Brackets deliver brilliant esthetics, small design, predictable debonding and enhanced patient comfort. These advanced features enable you to offer the ultimate combination of esthetics and performance to your patients.

Product Benefits:

- Brilliant esthetics
- Trusted strength and small bracket design
- Predictable, consistent debonding with proprietary stress concentrator
- Enhanced patient comfort



APC™ Adhesive Efficiency

Clarity Advanced Ceramic Brackets are available with your choice of APC™ Adhesive coating, including APC™ Flash-Free Adhesive.

Benefits of APC™ Flash-Free Adhesive:

- Eliminates the flash removal step
- Saves bonding time for doctor, staff and patients
- Lowers the bond failure rate
- Makes debonding and remnant clean-up easier
- Improves patient bonding/debonding experience



Clarity Advanced Brackets available precoated with:

APC™ Flash-Free Adhesive

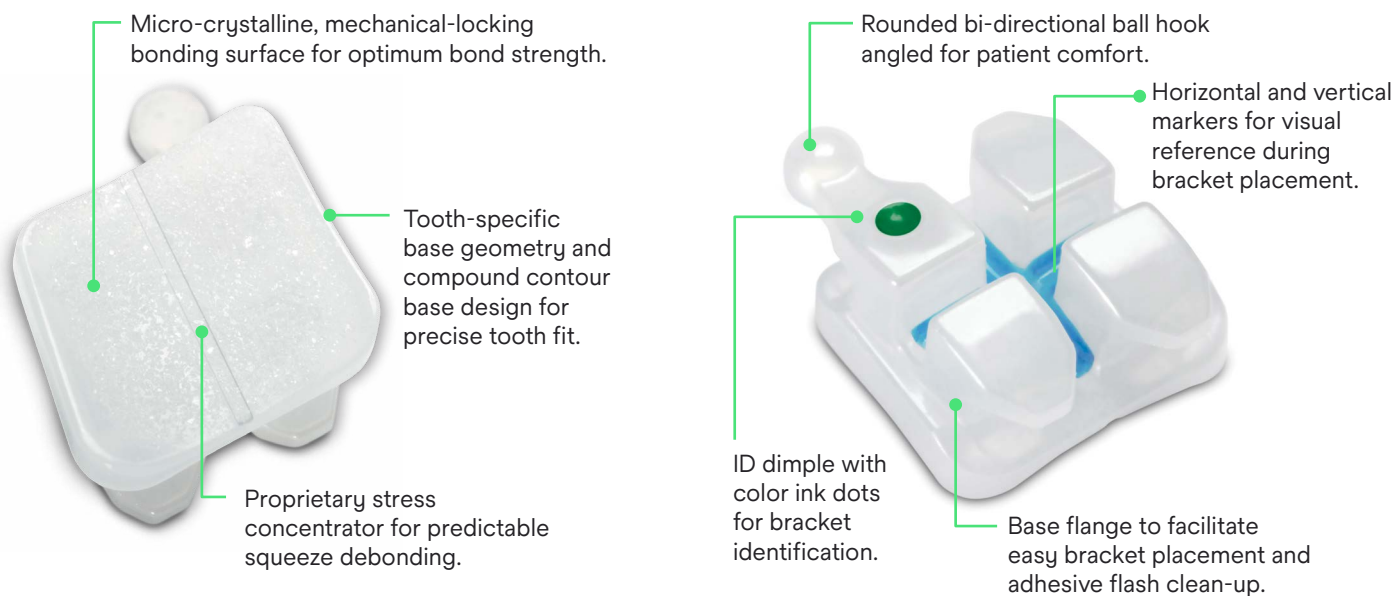
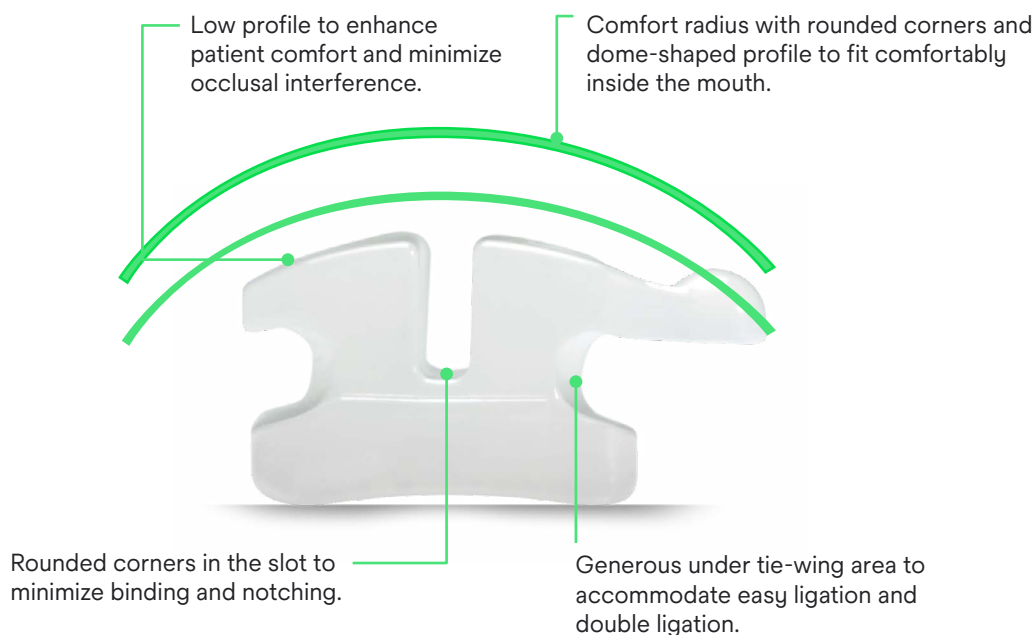
Also available with APC™ II and APC™ Plus Adhesive pre-coating.

MBT™ Versatile+ Appliance System

3.4 Ceramic Brackets

Clarity™ Advanced Ceramic Brackets

A revolution in ceramic bracket technology.



Clarity™ Advanced Ceramic Brackets

Selection by MBT™ Versatile+ Appliance System

Maxillary			IN/OUT		0.018 in.		0.022 in.	
Tooth	Torque	Angulation	in.	mm	L	R	L	R
Central	+17	+4	0.026	0.66	006-201	006-202	006-301	006-302
Lateral	+10	+8	0.035	0.89	006-205	006-206	006-305	006-306
Cuspid	0	+8	0.021	0.53	006-207	006-208	006-307	006-308
Cuspid HK	0	+8	0.021	0.53	006-209	006-210	006-309	006-310
Bicuspid Universal	-7	0	0.029	0.74	006-211		006-311	
Bicuspid HK	-7	0	0.029	0.74	006-213	006-212	006-313	006-312
Mandibular			IN/OUT		0.018 in.		0.022 in.	
Tooth	Torque	Angulation	in.	mm	L	R	L	R
Anterior	-6	0	0.045	1.14	006-250		006-350	
Cuspid	0	+3	0.020	0.51	006-251	006-252	006-351	006-352
Cuspid HK	0	+3	0.020	0.51	006-253	006-254	006-353	006-354
1st Bicuspid	-12	+2	0.030	0.76	006-255	006-256	006-355	006-356
1st Bicuspid HK	-12	+2	0.030	0.76	006-257	006-258	006-357	006-358
2nd Bicuspid	-17	+2	0.034	0.86	006-259	006-260	006-359	006-360
2nd Bicuspid HK	-17	+2	0.034	0.86	006-261	006-262	006-361	006-362
					Adding Prefix "3" is APC™ II Adhesive System – Example: 3006-201			
					Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5006-201			
					Adding Prefix "4" is APC™ Flash-Free Adhesive System – Example: 4006-201			

Single Patient Kits

	0.018 in.	0.022 in.
U/L 5×5 Clarity Advanced Brackets Cuspid HK	006-100	006-110
U/L 5×5 Clarity Advanced Brackets HKs	006-101	006-111
U/L 5×5 Clarity Advanced Brackets	-	006-112
U/L 3×3 Clarity Advanced Brackets Cuspid HK	006-103	006-113
U 5×5 Clarity Advanced Brackets Cuspid HK	006-105	006-115
U 5×5 Clarity Advanced Brackets HKs	006-106	006-116
U 5×5 Clarity Advanced Brackets	006-107*	006-117
U 3×3 Clarity Advanced Brackets Cuspid HK	006-108	006-118
U/L 3×3 Clarity Advanced Brackets	006-109	006-119
Adding Prefix "3" is APC™ II Adhesive System – Example: 3006-100		
Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5006-100		
Adding Prefix "4" is APC™ Flash-Free Adhesive System – Example: 4006-100		

*Not available with APC™ PLUS Adhesive.

Note

APC™ System Brackets sold in units of five.

Measurements are in millimeters unless otherwise noted.

3.6 Ceramic Brackets

Clarity™ Advanced Ceramic Brackets

Roth* Prescription

Maxillary			IN/OUT		0.018 in.		0.022 in.	
Tooth	Torque	Angulation	in.	mm	L	R	L	R
Central	+12	+5	0.026	0.66	006-215	006-216	006-315	006-316
Lateral	+8	+9	0.035	0.889	006-217	006-218	006-317	006-318
Cuspid HK	0	+11	0.021	0.53	006-221	006-222	006-321	006-322
Bicuspid HK	-7	0	0.029	0.74	006-213	006-212	006-313	006-312
Mandibular			IN/OUT		0.018 in.		0.022 in.	
Tooth	Torque	Angulation	in.	mm	L	R	L	R
Anterior	-1	0	0.045	1.14	006-264		006-364	
Cuspid HK	-11	7	0.020	0.51	006-267	006-268	006-367	006-368
1st Bicuspid HK	-17	0	0.030	0.76	006-271	006-272	006-371	006-372
2nd Bicuspid HK	-22	0	0.034	0.87	006-275	006-276	006-375	006-376
					Adding Prefix "3" is APC™ II Adhesive System – Example: 3006-215			
					Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5006-215			
					Adding Prefix "4" is APC™ Flash-Free Adhesive System – Example: 4006-215			

Single Patient Kits

	0.018 in.	0.022 in.
U/L 5×5 Clarity Advanced Brackets HK	006-121	006-131
U/L 3×3 Clarity Advanced Brackets Cuspid HK	006-123	006-133
U 5×5 Clarity Advanced Brackets Cuspid HK	006-125	006-135
U 5×5 Clarity Advanced Brackets HK	006-126	006-136
U 3×3 Clarity Advanced Brackets Cuspid HK	006-128	006-138
Adding Prefix "3" is APC™ II Adhesive System – Example: 3006-121		
Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5006-121		
Adding Prefix "4" is APC™ Flash-Free Adhesive System – Example: 4006-121		

*Solventum version of this prescription.
No endorsement by the Doctor is implied.

High Torque Brackets

Maxillary			IN/OUT		0.018 in.		0.022 in.	
Tooth	Torque	Angulation	in.	mm	L	R	L	R
Central	+22	+5	0.026	0.66	006-223	006-224	006-323	006-324
Lateral	+14	+8	0.035	0.89	006-225	006-226	006-325	006-326
Cuspid HK	+7	+5	0.021	0.53	006-229	006-230	006-329	006-330
Bicuspid Universal	0	0	0.029	0.74	006-281**		006-381**	
Mandibular			IN/OUT		0.018 in.		0.022 in.	
Tooth	Torque	Angulation	in.	mm	L	R	L	R
Cuspid HK	+7	+5	0.020	0.51	006-279	006-280	006-379	006-380
					Adding Prefix "3" is APC™ II Adhesive System – Example: 3006-223			
					Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5006-223			
					Adding Prefix "4" is APC™ Flash-Free Adhesive System – Example: 4006-223			

High Torque Kits

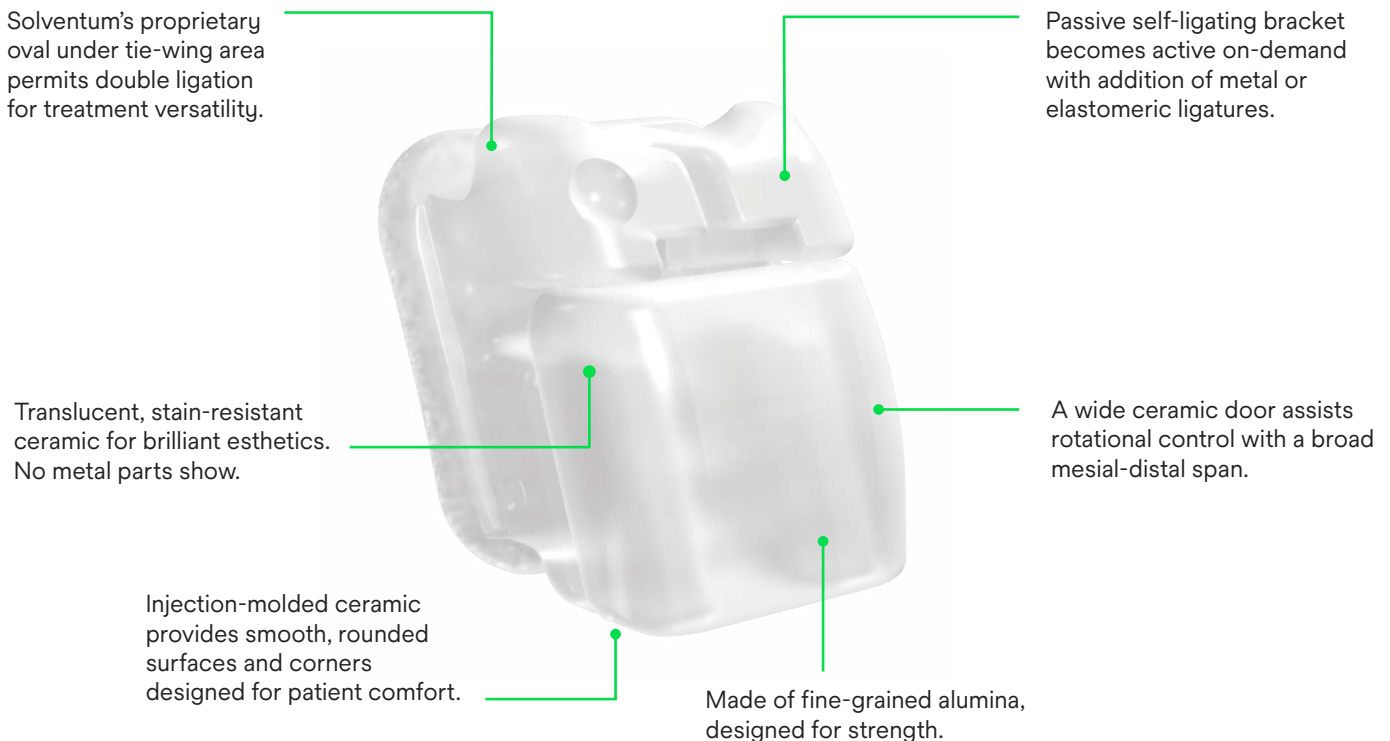
	0.018 in.	0.022 in.
U/L 3×3 Clarity Advanced Hi TQ Brackets Cuspid HK	006-143	006-153
U 5×5 Clarity Advanced Hi TQ Brackets Cuspid HK	006-170**	006-180**
U 3×3 Clarity Advanced Hi TQ Brackets Cuspid HK	006-148	006-158
Adding Prefix "3" is APC™ II Adhesive System – Example: 3006-143		
Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5006-143		
Adding Prefix "4" is APC™ Flash-Free Adhesive System – Example: 4006-143		

**Not available with APC™ PLUS Adhesive.

Clarity™ Ultra Self-Ligating Brackets

Showcase your expertise. Deliver precise results.

Clarity™ Ultra Self-Ligating Brackets offer rotational control, improved versatility and Solventum's unique stress concentrator designed for predictable, consistent debonding.



Product Benefits:

- Available with APC™ Flash-Free Adhesive precoating
- No metal parts showing
- Door as wide as bracket
- An audible click is heard when the door opens and closes
- Reliable, self-ligating doors withstand more than 2x the open- and closing-cycles of typical treatment
- MBT™ Versatile+ Appliance System prescription
- Fine-grained alumina ceramic provides excellent translucency

3.8 Ceramic Brackets

Clarity™ Ultra Self-Ligating Brackets

MBT™ Appliance System Prescription

Maxillary			IN/OUT		Part Number – 0.022 in.	
Tooth	Torque	Angulation	in.	mm	L	R
Central	+17°	4°	0.026	0.66	003-301	003-302
Lateral	+10°	8°	0.035	0.89	003-303	003-304
Cuspid Hk	0°	8°	0.021	0.53	003-307	003-308
Bicuspid Hk	-7°	0°	0.029	0.74	003-310	003-311
Mandibular					Part Number – 0.022 in.	
Tooth	Torque	Angulation	in.	mm	L	R
Anterior	-6°	0°	0.045	1.14	003-350	003-350
Cuspid Hk	0°	3°	0.020	0.51	003-353	003-354
1st Bicuspid Hk	-12°	2°	0.030	0.76	003-357	003-358
2nd Bicuspid Hk	-17°	2°	0.034	0.86	003-361	003-362

Adding Prefix "4" is APC™ Flash-Free Adhesive System – Example: 4003-301

Patient Kits

	Part Number – 0.022 in.
U/L Lt/Rt 5×5 Hk	003-111
U Lt/Rt 5×5 Hk	003-116

Adding Prefix "4" is APC™ Flash-Free Adhesive System – Example: 4003-111

Instruments for the Ultra SL System

	Part Number
Open-Close Instrument	804-155
Debonding Instrument	804-175



Clarity Ultra
Brackets available
precoated with:

APC™ Flash-Free
Adhesive



Simple, efficient bonding process.

Powered by technology, the APC Flash-Free Adhesive Coated Appliance System is the most efficient bonding system in orthodontics. Our innovative design created a unique adhesive bonding substrate on the base of the bracket that saves you time and positively impacts patient satisfaction.

Victory Series™ Low Profile Brackets 4.2

Mini Uni-Twin™ Brackets 4.6

Victory Series™ Brackets..... 4.22

Victory Series™ V-Slot Brackets 4.40

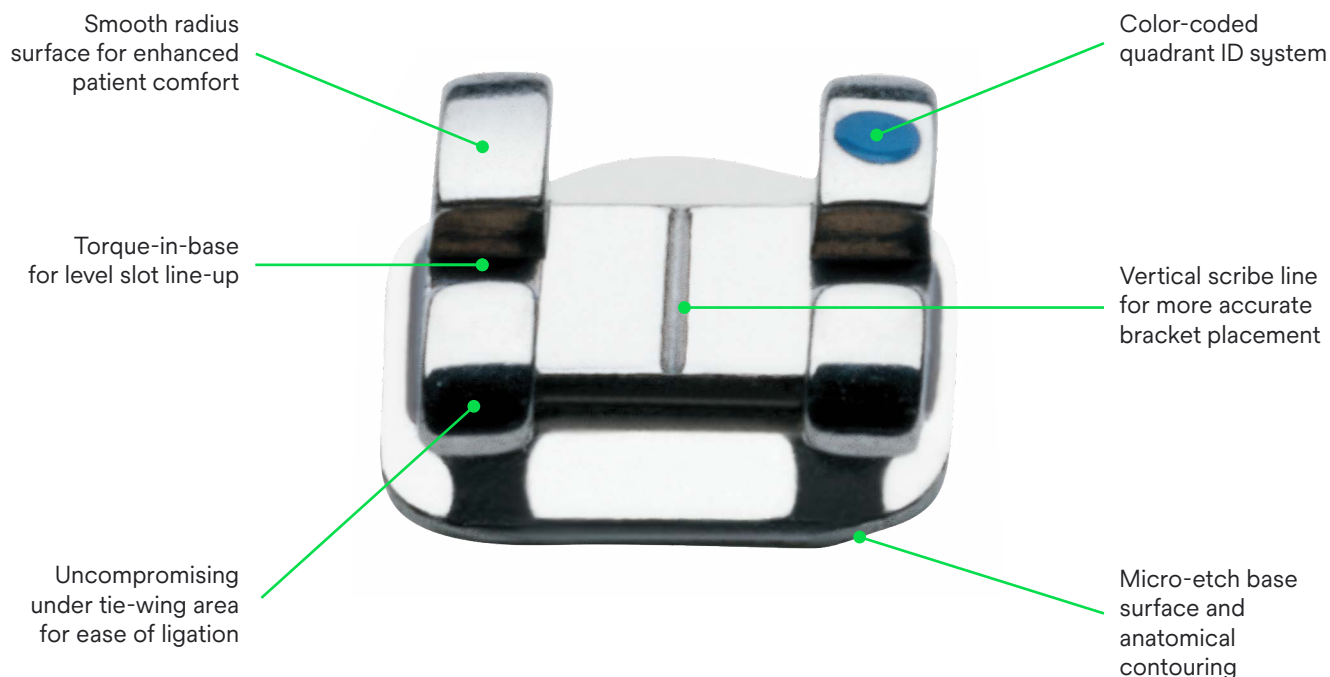
Miniature Twin Metal Brackets 4.42

Miniature Twin V-Slot
Metal Brackets..... 4.45

4.2 Metal Brackets

Victory Series™ Low Profile Brackets MBT™ Versatile+ Appliance System

Refer to Section 1
Clarity™ Digital Bonding



Traditional
Miniature Bracket



Victory Series
Low Profile
Bracket



Traditional
Miniature Bracket
(side profile)



Victory Series
Low Profile
Bracket
(side profile)

Victory Series™ Low Profile Brackets

MBT™ Versatile+ Appliance System

Fast, for you. Strong for them.

Victory Series Low Profile Brackets also offer the unequalled efficiency of revolutionary APC™ Flash-Free Adhesive. That means less chair time, less than 2% bracket bond failure rate in the first ninety days of bonding, and a better overall bonding experience for your patient.

Victory Series Low Profile Brackets

- True low profile metal bracket
- Uncompromising in ligation and control compared to full-sized brackets
- Reduced occlusal interference
- Contoured micro-etched based
- Ample under tie-wing area for easy ligation and double ligation



Victory Series™ Low Profile Brackets available with:

APC™ Flash-Free Adhesive

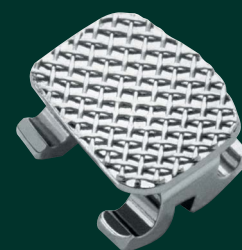
Also available with APC™ II and APC™ Plus Adhesive pre-coating.

MBT™ Versatile+ Appliance System



Victory Series Low Profile Bracket

The mesial-distal dimension is not compromised even though the bracket has a low profile. You maintain the rotational control you need to get the results you desire. Your patients will appreciate the comfort.



Micro-Etch 80 Gauge Mesh Base

A unique rhomboid design with a flatter, compounded radius accommodates naturally occurring variation in tooth surfaces. This design assures three-point contact for increased tooth adaptation. Positioning is made easier and more accurate because their shape follows the natural vertical line of the tooth.

4.4 Metal Brackets

Victory Series™ Low Profile Brackets

MBT™ Appliance System Prescription

MAXILLARY			IN/OUT			Part Number – .018 in.		Offset	Part Number – .022 in.		Offset
Tooth	Torque	Angulation	in.	mm	D/R	L	R		L	R	
Central	+17°	4°	.026	0.66		024-775	024-776		024-875	024-876	
Lateral	+10°	8°	.035	0.88		024-777	024-778		024-877	024-878	
Cuspid	-7°	8°	.021	0.53		-	-		024-879	024-880	
	0°	8°	.021	0.53		024-369	024-370		024-469	024-470	
Cuspid Hook	-7°	8°	.021	0.53		024-881	024-882		024-981	024-982	
	0°	8°	.021	0.53		024-773	024-774		024-873	024-874	
Bicuspid	-7°	0°	.029	0.73		024-790		0	024-890		0
Bicuspid Hook	-7°	0°	.029	0.73		024-585	024-584	0	024-685	024-684	0
2nd Bicuspid	-7°	0°	.051	1.30		024-791			024-891		0
2nd Bicuspid Hook	-7°	0°	.051	1.30		-	-		024-913	024-912	
MANDIBULAR			IN/OUT			Part Number – .018 in.		Offset	Part Number – .022 in.		Offset
Tooth	Torque	Angulation	in.	mm	D/R	L	R		L	R	
Low Anterior	-6°	0°	.045	1.14		024-792			024-892		
Cuspid	-6°	3°	.020	0.51	2°	024-7931	024-7941		024-8931	024-8941	
	0°	3°	.020	0.51	2°	024-3811	024-3821		024-4811	024-4821	
Cuspid Hook	-6°	3°	.020	0.51	2°	024-8831	024-8841		024-9831	024-9841	
	0°	3°	.020	0.51	2°	024-7711	024-7721		024-8711	024-8721	
1st Bicuspid	-12°	2°	.030	0.76		024-795	024-796	0	024-895	024-896	0
1st Bicuspid Hook	-12°	2°	.030	0.76		024-809	024-808	0	024-909	024-908	0
2nd Bicuspid	-17°	2°	.034	0.86		024-797	024-798	0	024-897	024-898	0
2nd Bicuspid Hook	-17°	2°	.034	0.86		024-811	024-810	0	024-911	024-910	0
Adding Prefix "3" is APC™ II Adhesive System											
Adding Prefix "5" is APC™ PLUS Adhesive System											
Adding Prefix "4" is APC™ Flash-Free Adhesive System											

One Patient Kits

	Part Number – .018 in.	Part Number – .022 in.
U/L 5×5 1 Case Kit	-	024-120
U/L 5×5 Cuspid Hook 1 Case Kit	024-101	024-121
U/L 5×5 Hooks 1 Case Kit	024-102	024-122
U/L 5×5 Cuspid Hook 0° Torque Cuspid 1 Case Kit	024-104	024-124
U/L 5×5 Hooks 0° Torque Cuspid 1 Case Kit	024-105	024-125
Adding Prefix "3" is APC™ II Adhesive System		
Adding Prefix "5" is APC™ PLUS Adhesive System		
Adding Prefix "4" is APC™ Flash-Free Adhesive System		

Weldable Bicuspids:

All Victory Series Low Profile bicuspid brackets are available as weldable bicuspid brackets. Add a "7" prefix before the 6-digit part number to indicate weldable.

**MBT™ Versatile+
Appliance System**

Note

3 APC™ II Brackets sold in units of five.	5 APC™ PLUS Brackets sold in units of five.	4 APC™ Flash-Free Brackets sold in
Measurements are in millimeters unless otherwise noted.		If part number is preceded with "7" prefix, available welded to bicuspid bands.

Victory Series™ Low Profile Brackets

Roth* and High Torque Prescriptions

MAXILLARY			IN/OUT			Part Number – .018 in.		Offset	Part Number – .022 in.		Offset
Tooth	Torque	Angulation	in.	mm	D/R	L	R		L	R	
Central	+12°	5°	.026	0.66		024-501	024-502		024-601	024-602	
Central High Torque	+22°	4°	.026	0.66		024-503**	024-504**		024-603	024-604	
Lateral	+7°	8°	.035	0.88		024-505	024-506		024-605	024-606	
Cuspid Hook	-3°	10°	.021	0.53		024-509	024-510		024-609	024-610	
Univ. Bicuspid	-7°	0°	.029	0.73		024-790		0	024-890		0
Bicuspid Hook	-7°	0°	.029	0.73		024-585	024-584	0	024-685	024-684	0
MANDIBULAR			IN/OUT			Part Number – .018 in.		Offset	Part Number – .022 in.		Offset
Tooth	Torque	Angulation	in.	mm	D/R	L	R		L	R	
Low Anterior	-1°	0°	.045	1.14		024-511			024-611		
Low Ant. High Torque	-10°	0°	.045	1.14		024-512***			024-612		
Cuspid Hook	-7°	6°	.020	0.51	2°	024-5151	024-5161		024-6151	024-6161	
Univ. 1st Bicuspid	-17°	0°	.030	0.76		024-517			024-617		0*
1st Bicuspid Hook	-17°	0°	.030	0.76		024-519	024-518		024-619	024-618	0
Univ. 2nd Bicuspid	-22°	0°	.034	0.86		024-520			024-620		0
2nd Bicuspid Hook	-22°	0°	.034	0.86		024-521	024-522		024-621	024-622	0
							Adding Prefix "3" is APC™ II Adhesive System				
							Adding Prefix "5" is APC™ PLUS Adhesive System				
							Adding Prefix "4" is APC™ Flash-Free Adhesive System				

*Available Uncoated and with APC™ PLUS Adhesive only.

**Available Uncoated and with APC™ Flash-Free Adhesive only.

*** Not available with APC™ PLUS Adhesive.

One Patient Kits

	Part Number – .018 in.	Part Number – .022 in.
U/L 5×5 Cuspid Hook 1 Case Kit	024-106	024-126
U/L 5×5 Hooks 1 Case Kit	024-107	024-127
Adding Prefix "3" is APC™ II Adhesive System		
Adding Prefix "5" is APC™ PLUS Adhesive System		
Adding Prefix "4" is APC™ Flash-Free Adhesive System		

Weldable Bicuspids:

All Victory Series Low Profile bicuspid brackets are available as weldable bicuspid brackets. Add a "7" prefix before the 6-digit part number to indicate weldable.

Check with your local Solventum Oral Care representative for option availability in your area.

Note

3 APC™ II Brackets sold in units of five.	5 APC™ PLUS Brackets sold in units of five.	4 APC™ Flash-Free Brackets sold in units of five.
Measurements are in millimeters unless otherwise noted.		If part number is preceded with "7" prefix, available welded to bicuspid bands.
*Solventum version of this prescription. No endorsement by the Doctor is implied.		

4.6 Metal Brackets

Mini Uni-Twin™ Brackets



The Mini Uni-Twin Bracket features a mesh base in addition to innovative design features that put you in control right from the start of treatment.

Combining the inter-bracket distance of a single width appliance with the rotational control of a twin bracket, it's designed for optimal orthodontic results. The innovative mesh bonding base is designed to match the curvature of the tooth for maximum contact and strong, consistent bonding.

For added convenience, you can select the Mini Uni-Twin Bracket with APC™ II or APC™ PLUS Adhesive Coating System.

The Mini Uni-Twin bracket improves tooth movement in the early stages of treatment and tooth control throughout the course of therapy.

The Mini Uni-Twin bracket delivers an unbeatable combination of superior function and superb bonding that you'll want to put into your practice right away.

Mini Uni-Twin™ Brackets available with:

APC™ II Adhesive

Also available with APC™ Plus Adhesive pre-coating.

Mini Uni-Twin™ Brackets

Selection By Tooth – Maxillary

	Torque	Ang.	In/Out in.	In/Out mm	M/D Width	Hook	L/R	.018 in.	-	.022 in.	-
Central 	+22°	5°	.034	0.86	3.45		UL	020-468		020-568	
	+22°	5°	.034	0.86	3.45		UR	020-469		020-569	
	+17°	5°	.034	0.86	3.45		UL	020-475		020-575	
	+17°	5°	.034	0.86	3.45		UR	020-476		020-576	
	+14°	5°	.034	0.86	3.45		UL	020-465		020-565	
	+14°	5°	.034	0.86	3.45		UR	020-464		020-564	
	+12°	5°	.034	0.86	3.45		UL	020-837		020-937	
	+12°	5°	.034	0.86	3.45		UR	020-838		020-938	
	+7°	5°	.032	0.81	3.45		UL	020-839		020-939	
	+7°	5°	.032	0.81	3.45		UR	020-840		020-940	
Lateral  	0°	0°	.030	0.76	3.45		UL/UR	020-411		020-511	
	+14°	9°	.046	1.17	2.90		UL	020-471		020-571	
	+14°	9°	.046	1.17	2.90		UR	020-470		020-570	
	+10°	9°	.045	1.14	2.90		UL	020-477		020-577	
	+10°	9°	.045	1.14	2.90		UR	020-478		020-578	
	+8°	9°	.044	1.12	2.90		UL	020-841		020-941	
	+8°	9°	.044	1.12	2.90		UR	020-842		020-942	
	+8°	9°	.044	1.12	2.90	D	UL	020-459		-	
	+8°	9°	.044	1.12	2.90	D	UR	020-458		-	
	+3°	9°	.045	1.14	2.90		UL	020-843		020-943	
Cuspid  	+3°	9°	.045	1.14	2.90		UR	020-844		020-944	
	0°	0°	.030	0.76	2.90		UL/UR	-		020-512	
	+7°	11°	.035	0.89	3.30	D	UL	020-485		-	
	+7°	11°	.035	0.89	3.30	D	UR	020-486		-	
	+3°	10°	.035	0.89	3.30	D	UL	020-417		020-517	
	+3°	10°	.035	0.89	3.30	D	UR	020-418		020-518	
	0°	11°	.032	0.81	3.30		UL	020-845		-	
	0°	11°	.032	0.81	3.30		UR	020-846		-	
	0°	11°	.032	0.81	3.30	D	UL	020-849		020-949	
	0°	11°	.032	0.81	3.30	D	UR	020-850		020-950	
Bicuspid  	0°	6°	.030	0.76	3.30		UL	020-893		-	
	0°	6°	.030	0.76	3.30		UR	020-894		-	
	0°	0°	.030	0.76	3.30		UNIV	-		020-507	
	0°	0°	.030	0.76	3.45	D	UR/LL	020-408**		020-508*	
	0°	0°	.030	0.76	3.45		UL/LR	020-409**		020-509*	
	-7°	11°	.032	0.81	3.45	D	UL	020-851		020-951	
	-7°	11°	.032	0.81	3.45	D	UR	020-852		020-952	
	0°	0°	.033	0.84	3.05		UNIV	020-489		020-589	
	0°	0°	.033	0.84	3.05	D	UL/LR	-		020-597	0
	0°	0°	.033	0.84	3.05	D	UR/LL	-		020-598	0
	-7°	0°	.035	0.89	3.05		UNIV	020-853	0	020-953	0
	-7°	0°	.035	0.89	3.05		UNIV	7018-853		7018-953	
	-7°	0°	.035	0.89	3.05	D	UL	020-855	0	020-955	0
	-7°	0°	.035	0.89	3.05	D	UL	-		7018-955	
	-7°	0°	.035	0.89	3.05	D	UR	020-854	0	020-954	0
	-7°	0°	.035	0.89	3.05	D	UR	-		7018-954	
	-7°	0°	.035	0.89	3.05	D	UR	-		7018-954	
									Offset		Offset

*Not available with APC™ PLUS Adhesive.

**Available Uncoated only.

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3020-468

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5020-468

4.8 Metal Brackets

Mini Uni-Twin™ Brackets

Selection By Tooth – Mandibular

	Torque	Ang.	In/Out in.	In/Out mm	M/D Width	Hook	L/R	.018 in.	-	.022 in.	-
Anterior 	0°	0°	.040	1.02	2.46		UNIV	-		020-510	
	-1°	0°	.045	1.14	2.46		UNIV	020-858		020-958	
	-5°	0°	.044	1.12	2.46		L	020-467		020-567	
	-10°	0°	.044	1.12	2.46		UNIV	-		020-590	
Cuspid  	+7°	5°	.033	0.84	3.30	D	LL	020-484		-	
	+7°	5°	.033	0.84	3.30	D	LR	020-483		-	
	0°	6°	.030	0.76	3.30		LL	020-865		-	
	0°	6°	.030	0.76	3.30		LR	020-866		-	
	0°	6°	.030	0.76	3.30	D	LL	020-869		020-969	
	0°	6°	.030	0.76	3.30	D	LR	020-870		020-970	
	0°	0°	.030	0.76	3.30		UNIV	020-407		020-507	
	0°	0°	.030	0.76	3.30	D	UR/LL	020-408		020-508	
	0°	0°	.030	0.76	3.30	D	UL/LR	020-409		020-509	
	-7°	6°	.030	0.76	3.30	D	LL	020-453		020-553	
	-7°	6°	.030	0.76	3.30	D	LR	020-452		020-552	
	-11°	5°	.030	0.76	3.30		LL	020-863		-	
	-11°	5°	.030	0.76	3.30		LR	020-864		-	
	-11°	5°	.030	0.76	3.30	D	LL	020-867		020-967	
	-11°	5°	.030	0.76	3.30	D	LR	020-868		020-968	
First Bicuspid  	-11°	4°	.032	0.81	3.05		LL	020-455		020-555	
	-11°	4°	.032	0.81	3.05		LR	020-454		020-554	
	-11°	0°	.032	0.81	3.05		UNIV	020-466	0	020-566**	
	-11°	0°	.032	0.81	3.05	D	LL	020-461	0	020-561	0
	-11°	0°	.032	0.81	3.05	D	LR	020-460	0	020-560	0
	-17°	0°	.032	0.81	3.05		UNIV	020-856	0	020-956	0
	-17°	0°	.032	0.81	3.05		UNIV	-		7018-956	
	-17°	0°	.032	0.81	3.05	D	LL	020-859	0	020-959	0*
	-17°	0°	.032	0.81	3.05	D	LR	020-860	0	020-960	0*
Second Bicuspid  	-11°	6°	.032	0.81	3.05		LL	020-457		-	
	-11°	6°	.032	0.81	3.05		LR	020-456		-	
	-17°	0°	.032	0.81	3.05		UNIV	020-421	0	020-521	0
	-17°	0°	.032	0.81	3.05	D	LL	020-422	0*	020-5220	
	-17°	0°	.032	0.81	3.05	D	LR	020-423	0*	020-5230	
	-22°	0°	.032	0.81	3.05		UNIV	020-857	0	020-957	
	-22°	0°	.032	0.81	3.05		UNIV	-		7018-957	
	-22°	0°	.032	0.81	3.05	D	LL	020-861	0**	020-961	0
	-22°	0°	.032	0.81	3.05	D	LR	020-862	0**	020-962	0

*Not available with APC™ PLUS Adhesive.

**Available Uncoated only.

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3020-410

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5020-410

Note

3 APC™ II Brackets sold in units of five. **5** APC™ PLUS Brackets sold in units of five.

If part number is preceded with "7" prefix, available welded to bicuspid bands.

Mini Uni-Twin™ Brackets

Selection By Sondhi Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	Hook	L/R	.018 in.	-	.022 in.	-
Central	+22°	5°	.034	0.86		UL	020-468		020-568	
	+22°	5°	.034	0.86		UR	020-469		020-569	
Lateral	+14°	9°	.046	1.17		UL	020-471		020-571	
	+14°	9°	.046	1.17		UR	020-470		020-570	
Cuspid	+3°	10°	.032	0.81	D	UL	020-417		020-517	
	+3°	10°	.032	0.81	D	UR	020-418		020-518	
Bicuspid	-7°	0°	.035	0.89		UNIV	020-853	0	020-953	0
	-7°	0°	.035	0.89	D	UL	020-855	0	020-955	0
	-7°	0°	.035	0.89	D	UR	020-854	0	020-954	0
								Offset		Offset
								Adding Prefix "3" is APC™ II Adhesive System – Example: 3020-468		
								Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5020-468		

Note

3 APC™ II Brackets sold in units of five.

5 APC™ PLUS Brackets sold in units of five.

Measurements are in millimeters unless otherwise noted.

4.10 Metal Brackets

Mini Uni-Twin™ Brackets

Selection By Sondhi Prescription

Mandibular	Torque	Ang.	In/Out in.	In/Out mm	Hook	L/R	.018 in.	-	.022 in.	-
Central Lateral	-1°	0°	.045	1.14		UNIV	020-858		020-958	
Cuspid	-7°	6°	.030	0.76	D	LL	020-453		020-553	
	-7°	6°	.030	0.76	D	LR	020-452		020-552	
First Bicuspid	-11°	0°	.032	0.81		UNIV	020-466	0	020-566	0
	-11°	0°	.032	0.81	D	LL	020-461	0	020-561	0
	-11°	0°	.032	0.81	D	LR	020-460	0	020-560	0
Second Bicuspid	-17°	0°	.032	0.81		UNIV	-		020-521	0
	-17°	0°	.032	0.81	D	LL	020-423	0	020-523	0
	-17°	0°	.032	0.81	D	LR	020-422	0*	020-5220	
							Offset		Offset	

*Not available with APC™ PLUS Adhesive.

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3020-858

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5020-858

Victory Series Buccal Tubes Sondhi Prescription

	Torque	Offset	Headgear	L/R	.018 in.		.022 in.	
Upper 1 ST	-10°	7°		L	068-823	1	068-923	1
	-10°	7°		R	068-824	2	068-924	2
Upper 2 ND	-19°	8°		L	067-873	1	067-973	1
	-19°	8°		R	067-872	2	067-972	2
Lower 1 ST	-25°	0°		L	067-817	3	067-917	3
	-25°	0°		R	067-818	4	067-918	4
Lower 2 ND	-30°	6°		L	067-835	3	067-935	3
	-30°	6°		R	067-836	4	067-936	4
						Base		Base

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3068-823

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5068-823

Note	
3 Appliance is available with APC™ II Adhesive Coated Appliance System.	5 Appliance is available with APC™ PLUS Adhesive Coated Appliance System with color change adhesive.
APC™ II Brackets sold in units of five. APC™ PLUS Brackets sold in units of five.	APC™ II Buccal Tubes sold in units of five. APC™ PLUS Buccal Tubes sold in units of four. Non-coated Buccal Tubes sold individually.
Measurements are in millimeters unless otherwise noted.	1 2 3 4 Buccal Tube is available with a bondable base.
For detailed buccal tube information see the Buccal Tubes section.	

Mini Uni-Twin™ Brackets

Selection by ZeroBase™ Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	Hook	L/R		.018 in.		.022 in.	
Central	+22°	5°	.034	0.86		UL	B	020-468		020-568	
	+22°	5°	.034	0.86		UR		020-469		020-569	
	+17°	5°	.034	0.86		UL	M	020-475		020-575	
	+17°	5°	.034	0.86		UR		020-476		020-576	
	+14°	5°	.034	0.86		UL	D	020-465		020-565	
	+14°	5°	.034	0.86		UR		020-464		020-564	
Lateral	+14°	9°	.046	1.17		UL	B	020-471		020-571	
	+14°	9°	.046	1.17		UR		020-470		020-570	
	+10°	9°	.045	1.14		UL	M	020-477		020-577	
	+10°	9°	.045	1.14		UR		020-478		020-578	
	+8°	9°	.044	1.12		UL	D	020-841		020-941	
	+8°	9°	.044	1.12		UR		020-842		020-942	
Cuspid	+7°	11°	.035	0.89	D	UL		020-485		-	
	+7°	11°	.035	0.89	D	UR		020-486		-	
Bicuspid	-7°	0°	.035	0.89		UNIV		020-853	0	020-953	0
	-7°	0°	.035	0.89	D	UL		020-855	0	020-955	0
	-7°	0°	.035	0.89	D	UR		020-854	0	020-954	0
Mandibular											
Anterior	-1°	0°	.045	1.14		UNIV		020-858		020-958	
Cuspid	7°	5°	.033	0.84	D	LL		020-484		-	
	7°	5°	.033	0.84	D	LR		020-483		-	
First Bicuspid	-7°	0°	.035	0.89		UNIV		020-853	0	020-953	0
	-7°	0°	.035	0.89	D	LL		020-854	0	020-954	0
	-7°	0°	.035	0.89	D	LR		020-855	0	020-955	0
Second Bicuspid	-11°	0°	.032	0.81		UNIV		020-466	0	020-566	0
	-11°	0°	.032	0.81	D	LL		020-461	0	020-561	0
	-11°	0°	.032	0.81	D	LR		020-460	0	020-560	0
									Offset		Offset
Adding Prefix "3" is APC™ II Adhesive System – Example: 3020-468 Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5020-468											
B Brachyfacial M Mesofacial D Dolichofacial											

Note

3 APC™ II Brackets sold in units of five. **5** APC™ PLUS Brackets sold in units of five.

Measurements are in millimeters unless otherwise noted.

4.12 Metal Brackets

Mini Uni-Twin™ Brackets

Selection by Roth* Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	Hook	L/R	.018 in.	-	.022 in.	-
Central	+12°	5°	.034	0.86		UL	020-837		020-937	
	+12°	5°	.034	0.86		UR	020-838		020-938	
Lateral	+8°	9°	.044	1.12		UL	020-841		020-941	
	+8°	9°	.044	1.12		UR	020-842		020-942	
Cuspid	0°	11°	.032	0.81		UL	020-845		-	
	0°	11°	.032	0.81		UR	020-846		-	
	0°	11°	.032	0.81	D	U	020-849		020-949	
	0°	11°	.032	0.81	D	UR	020-850		020-950	
Bicuspid	-7°	0°	.035	0.89		UNIV	020-853	0	020-953	0
	-7°	0°	.035	0.89	D	UL	020-855	0	020-955	0
	-7°	0°	.035	0.89	D	UR	020-854	0	020-954	0
Mandibular										
Anterior	-1°	0°	.045	1.14		UNIV	020-858		020-958	
Cuspid	-11°	5°	.030	0.76		LL	020-863		-	
	-11°	5°	.030	0.76		LR	020-864		-	
	-11°	5°	.030	0.76	D	LL	020-867		020-967	
	-11°	5°	.030	0.76	D	LR	020-868		020-968	
First Bicuspid	-17°	0°	.032	0.81		UNIV	020-856	0	020-956	0
	-17°	0°	.032	0.81	D	LL	020-859	0	020-959	0
	-17°	0°	.032	0.81	D	LR	020-860	0	020-960	0*
Second Bicuspid	-22°	0°	.032	0.81		UNIV	020-857	0	020-957	0
	-22°	0°	.032	0.81	D	LL	020-861	0**	020-961	0
	-22°	0°	.032	0.81	D	LR	020-862	0**	020-962	0

*Not available with APC™ PLUS Adhesive.

**Available Uncoated only.

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3020-837

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5020-837

Victory Series Buccal Tubes Roth* Prescription

	Torque	Offset	L/R	.018 in.	-	.022 in.	-
Upper 1 ST	-10°	7°	L	068-805		068-905	
	-10°	7°	R	068-806		068-906	
Upper 2 ND	-10°	6°	L	067-829	1	067-929	1
	-10°	6°	R	067-830	2	067-930	2
Lower 1 ST	-25°	6°	L	067-801	3	067-901	3
	-25°	6°	R	067-802	4	067-902	4
Lower 2 ND	-30°	6°	L	067-835	3	067-935	3
	-30°	6°	R	067-836	4	067-936	4

Note

3 Appliance is available with APC™ II Adhesive Coated Appliance System.		5 Appliance is available with APC™ PLUS Adhesive Coated Appliance System with color change adhesive.	
APC™ II Brackets sold in units of five. APC™ PLUS Brackets sold in units of five.		APC™ II Buccal Tubes sold in units of five. APC™ PLUS Buccal Tubes sold in units of four. Non-coated Buccal Tubes sold individually.	
*Solventum version of this prescription. No endorsement by the Doctor is implied.	Measurements are in millimeters unless otherwise noted.	1 2 3 4 Buccal Tube is available with a bondable base.	
For detailed buccal tube information see the Buccal Tubes section.			

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3068-805

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5068-805

Mini Uni-Twin™ Brackets

Selection by Andrews* Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	Hook	L/R	.018 in.	-	.022 in.	-
Central	+7°	5°	.032	0.81		UL	020-839		020-939	
	+7°	5°	.032	0.81		UR	020-840		020-940	
Lateral	+3°	9°	.045	1.14		UL	020-843		020-943	
	+3°	9°	.045	1.14		UR	020-844		020-944	
Cuspid	-7°	11°	.032	0.81	D	UL	020-851		020-951	
	-7°	11°	.032	0.81	D	UR	020-852		020-952	
Bicuspid	-7°	0°	.035	0.89		UNIV	020-853	0	020-953	0
	-7°	0°	.035	0.89	D	UL	020-855	0	020-955	0
	-7°	0°	.035	0.89	D	UR	020-854	0	020-954	0
Mandibular										
Anterior	-1°	0°	.045	1.14		UNIV	020-858		020-958	
Cuspid	-11°	5°	.030	0.76		LL	020-863		-	
	-11°	5°	.030	0.76		LR	020-864		-	
	-11°	5°	.030	0.76	D	LL	020-867		020-967	
	-11°	5°	.030	0.76	D	LR	020-868		020-968	
First Bicuspid	-17°	0°	.032	0.81		UNIV	020-856	0	020-956	0
	-17°	0°	.032	0.81	D	LL	020-859	0	020-959	0*
	-17°	0°	.032	0.81	D	LR	020-860	0	020-960	0*
Second Bicuspid	-22°	0°	.032	0.81		UNIV	020-857	0	020-957	
	-22°	0°	.032	0.81	D	LL	020-861	0**	020-961	0
	-22°	0°	.032	0.81	D	LR	020-862	0**	020-962	0

*Not available with APC™ PLUS Adhesive.

**Available Uncoated only.

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3020-839

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5020-839

Victory Series Buccal Tubes Andrews* Prescription

	Torque	Offset	L/R	.018 in.		.022 in.	
Upper 1 ST	-10°	7°	L	068-805		068-905	
	-10°	7°	R	068-806		068-906	
Upper 2 ND	-10°	6°	L	067-829	1	067-929	1
	-10°	6°	R	067-830	2	067-930	2
Lower 1 ST	-25°	6°	L	067-801	3	067-901	3
	-25°	6°	R	067-802	4	067-902	4
Lower 2 ND	-30°	6°	L	067-835	3	067-935	3
	-30°	6°	R	067-836	4	067-936	4

Note							
3	Appliance is available with APC™ II Adhesive Coated Appliance System.	5	Appliance is available with APC™ PLUS Adhesive Coated Appliance System with color change adhesive.				
	APC™ II Brackets sold in units of five. APC™ PLUS Brackets sold in units of five.		APC™ II Buccal Tubes sold in units of five. APC™ PLUS Buccal Tubes sold in units of four. Non-coated Buccal Tubes sold individually.				
	*Solventum version of this prescription. No endorsement by the Doctor is implied.	Measurements are in millimeters unless otherwise noted.	1 2 3 4	Buccal Tube is available with a bondable base.			
For detailed buccal tube information see the Buccal Tubes section.							

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3068-805

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5068-805

4.14 Metal Brackets

Mini Uni-Twin™ Brackets

Selection by Alexander* Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	Hook	L/R	.018 in.	-	.022 in.	-
Central	+14°	5°	.034	0.86		UL	020-465		020-565	
	+14°	5°	.034	0.86		UR	020-464		020-564	
Lateral	+8°	9°	.044	1.12		UL	020-841		020-941	
	+8°	9°	.044	1.12		UR	020-842		020-942	
	+8°	9°	.044	1.12	D	UL	020-459		-	
	+8°	9°	.044	1.12	D	UR	020-458		-	
Cuspid	0°	11°	.032	0.81		UL	020-845		-	
	0°	11°	.032	0.81		UR	020-846		-	
	0°	11°	.032	0.81	D	UL	020-849		020-949	
	0°	11°	.032	0.81	D	UR	020-850		020-950	
Bicuspid	-7°	0°	.035	0.89		UNIV	020-853	0	020-953	0
	-7°	0°	.035	0.89	D	UL	020-855	0	020-955	0
	-7°	0°	.035	0.89	D	UR	020-854	0	020-954	0
Mandibular										
Anterior	-5°	0°	.044	1.12		UNIV	020-467		020-567	
Cuspid	-7°	6°	.030	0.76	D	LL	020-453		020-553	
	-7°	6°	.030	0.76	D	LR	020-452		020-552	
First Bicuspid	-11°	0°	.032	0.81		UNIV	020-466	0	-	0
	-11°	0°	.032	0.81	D	LL	020-461	0	020-561	0
	-11°	0°	.032	0.81	D	LR	020-460	0	020-560	0
Second Bicuspid	-17°	0°	.032	0.81		UNIV	020-856	0	020-956	0
	-17°	0°	.032	0.81	D	LL	020-859	0	020-959	0*
	-17°	0°	.032	0.81	D	LR	020-860	0	020-960	0*

*Not available with APC™ PLUS Adhesive.

Offset

Offset

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3020-465

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5020-465

Note

3 APC™ II Brackets sold in units of five.

5 APC™ PLUS Brackets sold in units of five.

*Solventum version of this prescription.
No endorsement by the Doctor is implied.

Measurements are in millimeters unless otherwise noted.

Mini Uni-Twin™ Brackets

Selection by Hilgers* Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	Hook	L/R	.018 in.	.022 in.
Central	+22°	5°	.034	0.86		UL	020-468	-
	+22°	5°	.034	0.86		UR	020-469	-
Lateral	+14°	9°	.046	1.17		UL	020-471	-
	+14°	9°	.046	1.17		UR	020-470	-
Cuspid	+7°	11°	.035	0.89	D	UL	020-485	-
	+7°	11°	.035	0.89	D	UR	020-486	-
Bicuspid	-7°	0°	.035	0.89		UNIV	020-853	0
	-7°	0°	.035	0.89	D	UL	020-855	0
	-7°	0°	.035	0.89	D	UR	020-854	0
Mandibular								
Anterior	-1°	0°	.045	1.14		UNIV	020-858	-
Cuspid	+7°	5°	.033	0.84	D	LL	020-484	-
	+7°	5°	.033	0.84	D	LR	020-483	-
First Bicuspid	-11°	0°	.032	0.81		UNIV	020-466	0
	-11°	0°	.032	0.81	D	LL	020-461	0
	-11°	0°	.032	0.81	D	LR	020-460	0
Second Bicuspid	-17°	0°	.032	0.81		UNIV	020-856	0
	-17°	0°	.032	0.81	D	LL	020-859	0
	-17°	0°	.032	0.81	D	LR	020-860	0

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3020-468

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5020-468

Victory Series Buccal Tubes Hilgers* Prescription

	Torque	Offset	L/R	.018 in.	.022 in.
Upper 1 ST	-10°	14°	L	068-817	1
	-10°	14°	R	068-818	2
Upper 2 ND	-10°	10°	L	067-831	1
	-10°	10°	R	067-832	2
Lower 1 ST	-25°	7°	L	067-803	3
	-25°	7°	R	067-804	4
Lower 2 ND	-25°	6°	L	067-837	3
	-25°	6°	R	067-838	4

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3068-817

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5068-817

Note	
3 Appliance is available with APC™ II Adhesive Coated Appliance System.	5 Appliance is available with APC™ PLUS Adhesive Coated Appliance System with color change adhesive.
APC™ II Brackets sold in units of five. APC™ PLUS Brackets sold in units of five.	APC™ II Buccal Tubes sold in units of five. APC™ PLUS Buccal Tubes sold in units of four. Non-coated Buccal Tubes sold individually.
*Solventum version of this prescription. No endorsement by the Doctor is implied.	Measurements are in millimeters unless otherwise noted.
1 2 3 4 Buccal Tube is available with a bondable base.	
For detailed buccal tube information see the Buccal Tubes section.	

4.16 Metal Brackets

Mini Uni-Twin™ Brackets

Selection by Samson* Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	Hook	L/R	.018 in.	-	.022 in.	-
Central	+22°	5°	.034	0.86		UL	020-468		-	
	+22°	5°	.034	0.86		UR	020-469		-	
Lateral	+14°	9°	.046	1.17		UL	020-471		-	
	+14°	9°	.046	1.17		UR	020-470		-	
Cuspid	+7°	11°	.035	0.89	D	UL	020-485		-	
	+7°	11°	.035	0.89	D	UR	020-486		-	
Bicuspid	-7°	0°	.035	0.89		UNIV	020-853	0	-	
	-7°	0°	.035	0.89	D	UL	020-855	0	-	
	-7°	0°	.035	0.89	D	UR	020-854	0	-	
Mandibular										
Cuspid	+7°	5°	.033	0.84	D	LL	020-484		-	
	+7°	5°	.033	0.84	D	LR	020-483		-	
First Bicuspid	-17°	0°	.032	0.81		UNIV	020-856	0	-	
	-17°	0°	.032	0.81	D	LL	020-859	0	-	
	-17°	0°	.032	0.81	D	LR	020-860	0	-	
Second Bicuspid	-22°	0°	.032	0.81		UNIV	020-857	0	-	
	-22°	0°	.032	0.81	D	LL	020-861	0*	-	
	-22°	0°	.032	0.81	D	LR	020-862	0*	-	

*Available Uncoated only.

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3020-468

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5020-468

Victory Series Buccal Tubes Samson* Prescription

	Torque	Offset	L/R	.018 in.		.022 in.	
Upper 1 ST	-10°	14°	L	068-817	1	068-917	
	-10°	14°	R	068-818	2	068-918	
Upper 2 ND	-10°	10°	L	067-831	1	067-931	1
	-10°	10°	R	067-832	2	067-932	2
Lower 1 ST	-25°	7°	L	067-803	3	067-903	3
	-25°	7°	R	067-804	4	067-904	4
Lower 2 ND	-25°	6°	L	067-837	3	067-937	3
	-25°	6°	R	067-838	4	067-938	4

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3068-817

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5068-817

Note	
3 Appliance is available with APC™ II Adhesive Coated Appliance System.	5 Appliance is available with APC™ PLUS Adhesive Coated Appliance System with color change adhesive.
APC™ II Brackets sold in units of five. APC™ PLUS Brackets sold in units of five.	APC™ II Buccal Tubes sold in units of five. APC™ PLUS Buccal Tubes sold in units of four. Non-coated Buccal Tubes sold individually.
*Solventum version of this prescription. No endorsement by the Doctor is implied.	Measurements are in millimeters unless otherwise noted.
1 2 3 4 Buccal Tube is available with a bondable base.	
For detailed buccal tube information see the Buccal Tubes section.	

Mini Uni-Twin™ Brackets

Selection by Level Anchorage™ Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	Hook	L/R	.018 in.	-	.022 in.	-
Central	+14°	5°	.034	0.86		UL	020-465		020-565	
	+14°	5°	.034	0.86		UR	020-464		020-564	
Lateral	+8°	9°	.044	1.12		UL	020-841		020-941	
	+8°	9°	.044	1.12		UR	020-842		020-942	
Cuspid	0°	6°	.030	0.76		UL	020-893		-	
	0°	6°	.030	0.76		UR	020-894		-	
Bicuspid	-7°	0°	.035	0.89		UNIV	020-853	0	020-953	0
	-7°	0°	.035	0.89	D	UL	020-855	0	020-955	0
	-7°	0°	.035	0.89	D	UR	020-854	0	020-954	0
Mandibular										
Anterior	-1°	0°	.045	1.14		UNIV	020-858		020-958	
Cuspid	0°	6°	.030	0.76		LL	020-865		-	
	0°	6°	.030	0.76		LR	020-866		-	
	0°	6°	.030	0.76	D	LL	020-869		020-969	
	0°	6°	.030	0.76	D	LR	020-870		020-970	
First Bicuspid	-11°	4°	.032	0.81		LL	020-455		020-555	
	-11°	4°	.032	0.81		LR	020-454		020-554	
Second Bicuspid	-11°	6°	.032	0.81		LL	020-457		-	
	-11°	6°	.032	0.81		LR	020-456		-	

Offset

Offset

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3020-465

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5020-465

Victory Series Buccal Tubes Level Anchorage Prescription

	Torque	Offset	L/R	.018 in.		.022 in.	
Upper 1 ST	-10°	14°	L	068-817	1	068-917	
	-10°	14°	R	068-818	2	068-918	
Upper 2 ND	-10°	10°	L	067-831	1	067-931	1
	-10°	10°	R	067-832	2	067-932	2
Lower 1 ST	-25°	7°	L	067-803	3	067-903	3
	-25°	7°	R	067-804	4	067-904	4
Lower 2 ND	-25°	6°	L	067-837	3	067-937	3
	-25°	6°	R	067-838	4	067-938	4

Base

Base

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3068-817

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5068-817

Note

3 Appliance is available with APC™ II Adhesive Coated Appliance System.	5 Appliance is available with APC™ PLUS Adhesive Coated Appliance System with color change adhesive.
APC™ II Brackets sold in units of five. APC™ PLUS Brackets sold in units of five.	APC™ II Buccal Tubes sold in units of five. APC™ PLUS Buccal Tubes sold in units of four. Non-coated Buccal Tubes sold individually.
Measurements are in millimeters unless otherwise noted.	1 2 3 4 Buccal Tube is available with a bondable base.
For detailed buccal tube information see the Buccal Tubes section.	

4.18 Metal Brackets

Mini Uni-Twin™ Brackets

Selection by Dischinger* Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	Hook	.018 in.	-	.022 in.	-
Central	+22°	5°	.034	0.86	UL	020-468		020-568	
	+22°	5°	.034	0.86	UR	020-469		020-569	
Lateral	+14°	9°	.046	1.17	UL	020-471		020-571	
	+14°	9°	.046	1.17	UR	020-470		020-570	
Cuspid	0°	11°	.032	0.81	UL	020-845		-	
	0°	11°	.032	0.81	UR	020-846		-	
	0°	11°	.032	0.81	D UL	020-849		020-949	
	0°	11°	.032	0.81	D UR	020-850		020-950	
Bicuspid	-7°	0°	.035	0.89	UNIV	020-853	0	020-953	0
	-7°	0°	.035	0.89	D UL	020-855	0	020-955	0
	-7°	0°	.035	0.89	D UR	020-854	0	020-954	0
Mandibular									
Anterior	-10°	0°	.044	1.12	UNIV	-		020-590	
Cuspid	-11°	5°	.030	0.76	LL	020-863		-	
	-11°	5°	.030	0.76	LR	020-864		-	
	-11°	5°	.030	0.76	D LL	020-867		020-967	
	-11°	5°	.030	0.76	D LR	020-868		020-968	
First Bicuspid	-17°	0°	.032	0.81	UNIV	020-856	0	020-956	0
	-17°	0°	.032	0.81	D LL	020-859	0	020-959	0*
	-17°	0°	.032	0.81	D LR	020-860	0	020-960	0*
Second Bicuspid	-22°	0°	.032	0.81	UNIV	020-857	0	020-957	0
	-22°	0°	.032	0.81	D LL	020-861	0**	020-961	0
	-22°	0°	.032	0.81	D LR	020-862	0**	020-962	0

*Not available with APC™ PLUS Adhesive.

**Available Uncoated only.

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3020-468

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5020-468

Victory Series Buccal Tubes Dischinger* Prescription

	Torque	Offset	L/R	.018 in.		.022 in.	
Upper 1 ST	-10°	7°	L	068-851	1	068-951	1
	-10°	7°	R	068-852	2	068-952	2
Upper 2 ND	-10°	10°	L	067-831	1	067-931	1
	-10°	10°	R	067-832	2	067-932	2
Lower 1 ST	-25°	7°	L	067-803	3	067-903	3
	-25°	7°	R	067-804	4	067-904	4
Lower 2 ND	-25°	10°	L	067-839	3	067-939	3
	-25°	10°	R	067-840	4	067-940	4

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3068-851

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5068-851

Note

3 Appliance is available with APC™ II Adhesive Coated Appliance System.	5 Appliance is available with APC™ PLUS Adhesive Coated Appliance System with color change adhesive.
APC™ II Brackets sold in units of five. APC™ PLUS Brackets sold in units of five.	APC™ II Buccal Tubes sold in units of five. APC™ PLUS Buccal Tubes sold in units of four. Non-coated Buccal Tubes sold individually.
*Solventum version of this prescription. No endorsement by the Doctor is implied.	Measurements are in millimeters unless otherwise noted.
1 2 3 4 Buccal Tube is available with a bondable base.	
For detailed buccal tube information see the Buccal Tubes section.	

Mini Uni-Twin™ Brackets

Selection by Standard Edgewise Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	Hook	L/R	.018 in.	-	.022 in.	-
Central	0°	0°	.030	0.76		UNIV	020-411		020-511	
Lateral	0°	0°	.030	0.76		UNIV	-		020-512	
Cuspid	0°	0°	.030	0.76		UNIV	-		020-507	
	0°	0°	.030	0.76	D	UR	020-408**		020-508*	
	0°	0°	.030	0.76	D	UL	020-409**		020-509*	
Bicuspid	0°	0°	.033	0.84		UNIV	020-489		020-589	
	0°	0°	.033	0.84	D	UL/LR	-		020-597	
	0°	0°	.033	0.84	D	UR/LL	-		020-598	
Mandibular										
Anterior	0°	0°	.040	1.02		UNIV	-		020-510	
Cuspid	0°	0°	.030	0.76		UNIV	-		020-507	
	0°	0°	.030	0.76	D	LL	020-408**		020-508*	
	0°	0°	.030	0.76	D	LR	020-409**		020-509*	

*Not available with APC™ PLUS Adhesive.

**Available Uncoated only.

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3020-411

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5020-411

Victory Series Buccal Tubes Standard Edgewise Prescription

	Torque	Offset	L/R	.018 in.		.022 in.	
Upper 1 ST	0°	7°	L	068-801		068-901	
	0°	7°	R	068-802		068-902	
Upper 2 ND	0°	6°	L	067-827	1	067-927	1
	0°	6°	R	067-828	2	067-928	2
Lower 1 ST	0°	6°	L	067-809	3	067-909	3
	0°	6°	R	067-810	4	067-910	4
Lower 2 ND	0°	6°	L	067-828	3	067-928	3
	0°	6°	R	067-827	4	067-927	4

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3068-801

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5068-801

Note

3 Appliance is available with APC™ II Adhesive Coated Appliance System.	5 Appliance is available with APC™ PLUS Adhesive Coated Appliance System with color change adhesive.
APC™ II Brackets sold in units of five. APC™ PLUS Brackets sold in units of five.	APC™ II Buccal Tubes sold in units of five. APC™ PLUS Buccal Tubes sold in units of four. Non-coated Buccal Tubes sold individually.
Measurements are in millimeters unless otherwise noted.	1 2 3 4 Buccal Tube is available with a bondable base.
For detailed buccal tube information see the Buccal Tubes section.	

4.20 Metal Brackets

Mini Uni-Twin™ Case Kits

Victory Series™ ZeroBase™ Buccal Tubes

Mini Uni-Twin Brackets Roth* Prescription One Case Kits

	Type	Hook	.018 in.	.022 in.
U/L Mesh	5 x 5	Cuspid/Bicuspid	020-167	020-171
U/L Mesh	5 x 5	Cuspid	-	020-195
Adding Prefix "3" is APC™ II Adhesive System – Example: 3020-165				
Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5020-165				

Mini Uni-Twin Level Anchorage™ Brackets One Case Kits

	Type	Hook	.018 in.	.022 in.
U/L	5 x 5		020-183	-

Victory Series Buccal Tubes ZeroBase Prescription

	Torque	Offset	Headgear	L/R	.018 in.	-	.022 in.	-
Upper 1 ST	0°	15°	.045	L	068-825			
	0°	15°	.045	R	068-826			
Upper 1 ST	-10°	14°	.045	L	068-817	1	068-917	
	-10°	14°	.045	R	068-818	2	068-918	
Upper 2 ND	-10°	10°		L	067-831	1	067-931	1
	-10°	10°		R	067-832	2	067-932	2
Lower 1 ST	-25°	7°		L	067-803	3	067-903	3
	-25°	7°		R	067-804	4	067-904	4
Lower 2 ND	-25°	6°		L	067-837	3	067-937	3
	-25°	6°		R	067-838	4	067-938	4
						Base		Base
Adding Prefix "3" is APC™ II Adhesive System – Example: 3068-825								
Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5068-825								

Note

3 Appliance is available with APC™ II Adhesive Coated Appliance System.	5 Appliance is available with APC™ PLUS Adhesive Coated Appliance System with color change adhesive.
APC™ II Buccal Tubes sold in units of five. APC™ PLUS Buccal Tubes sold in units of four. Non-coated Buccal Tubes sold individually.	
*Solventum version of this prescription. No endorsement by the Doctor is implied.	Measurements are in millimeters unless otherwise noted.
1 2 3 4 Buccal Tube is available with a bondable base.	
For detailed buccal tube information see the Buccal Tubes section.	

Mini Uni-Twin™ Case Kits

Victory Series Buccal Tubes Alexander* Prescription

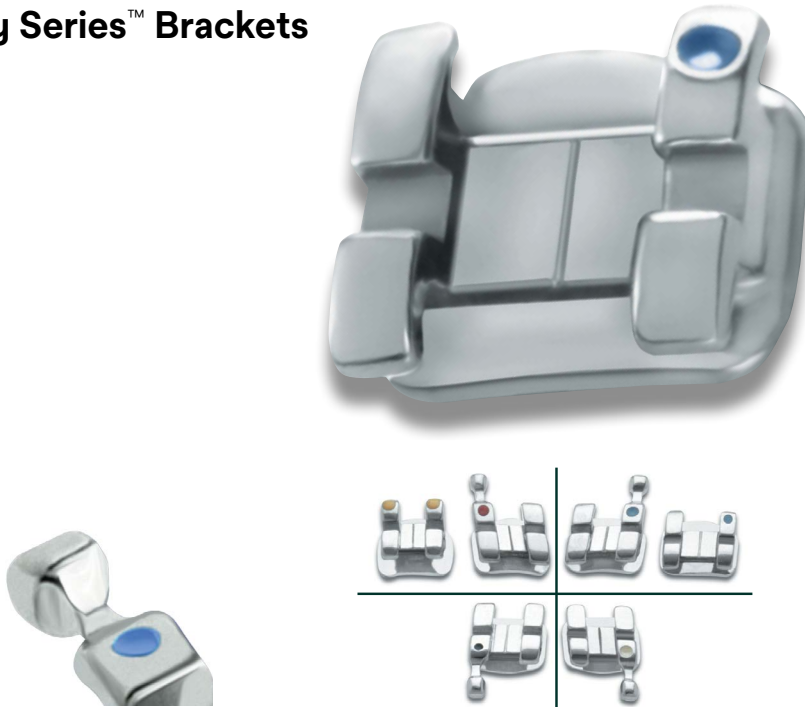
	Torque	Offset	L/R	.018 in.	-	.022 in.	-
Upper 1 ST	-10°	14°	L	068-809		068-909	
	-10°	14°	R	068-810		068-910	
Upper 2 ND	-10°	10°	L	067-831	1	067-931	1
	-10°	10°	R	067-832	2	067-932	2
Lower 1 ST	-25°	6°	L	067-801	3	067-901	3
	-25°	6°	R	067-802	4	067-902	4
Lower 2 ND	-25°	6°	L	067-837	3	067-937	3
	-25°	6°	R	067-838	4	067-938	4
					Base		Base
Adding Prefix "3" is APC™ II Adhesive System – Example: 3068-809							
Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5068-809							

Note

3 Appliance is available with APC™ II Adhesive Coated Appliance System.	5 Appliance is available with APC™ PLUS Adhesive Coated Appliance System with color change adhesive.
APC™ II Buccal Tubes sold in units of five. APC™ PLUS Buccal Tubes sold in units of four. Non-coated Buccal Tubes sold individually.	
*Solventum version of this prescription. No endorsement by the Doctor is implied.	Measurements are in millimeters unless otherwise noted.
1 2 3 4	Buccal Tube is available with a bondable base.
For detailed buccal tube information see the Buccal Tubes section.	

4.22 Metal Brackets

Victory Series™ Brackets



The low profile hook and small ball are milled from a single piece of metal for increased patient comfort.



Solventum offers an innovative color coding system that assigns a different color to each quadrant of the mouth for immediate identification.



Gingivally Off-Set Bicuspid Bracket features a three point contact design along with rounded corners for a great base-to-tooth fit.

Victory Series™ Bracket System

The industry standard for brackets, the Victory Series metal bracket system features high bond strength, easily readable identification system and easier bracket ligation. For ease of use, the brackets have been designed with smoothly finished bicuspid tie-wings that are slightly extended and offset gingivally away from the tooth. Deep tie-wing undercuts assure easier and more secure ligation.

An innovative pad design, incorporating an 80 gauge mesh bonding pad, matches the curvature of the tooth for maximum contact and strong, consistent bond strength. Research conducted and published by Howard University* reveals shear bond strengths 40% to 50% higher for 80 gauge mesh vs. 100 gauge mesh on bicuspid with macro-filled resins.

Also available are gingivally offset bicuspid brackets. This unique pad

design features a larger bonding base and radiused corners for enhanced base-to-tooth adaptation, providing improved bond strength.

The Victory Series bracket system also makes use of torque-in-base design techniques to provide level slot line-up, and help avoid occlusal interference. A long axis scribe line is provided for accurate placement.

Victory Series metal brackets from Solventum. Providing products that make your life easier.

Victory Series™ Brackets available with:

APC™ II Adhesive

Also available with APC™ Plus Adhesive pre-coating.

*S. Scott, E.M. Kudlick, and F.C. Eichmiller, thesis abstract 1992, Howard University College of Dentistry, Washington D.C.

Victory Series™ Brackets

Selection By Tooth – Maxillary

Central Twin



Lateral Twin



Lateral Single



Torque	Ang.	In/Out in.	In/Out mm	M/D Width	Hook	L/R	.018 in.	.022 in.
+22°	0°	.040	1.02	3.5		L	017-563	017-663
+22°	0°	.040	1.02	3.5		R	017-564	017-664
+22°	5°	.040	1.02	3.5		L	017-561	017-661
+22°	5°	.040	1.02	3.5		R	017-562	017-662
+17°	5°	.040	1.02	3.5		L	017-595	-
+17°	5°	.040	1.02	3.5		R	017-596	-
+17°	4°	.040	1.02	3.5		L	017-775	017-875
+17°	4°	.040	1.02	3.5		R	017-776	017-876
+14°	5°	.040	1.02	3.5		L	017-401	017-501
+14°	5°	.040	1.02	3.5		R	017-402	017-502
+7°	5°	.040	1.02	3.5		L	017-801	017-901
+7°	5°	.040	1.02	3.5		R	017-802	017-902
0°	0°	.032	0.81	3.5		L/R	017-769	017-869
+14°	8°	.052	1.32	2.6		L	017-569	017-669
+14°	8°	.052	1.32	2.6		R	017-570	017-670
+14°	8°	.052	1.32	2.6	D	L	-	017-671
+14°	8°	.052	1.32	2.6	D	R	-	017-672
+14°	8°	.042	1.07	2.6		L	017-565	-
+14°	8°	.042	1.07	2.6		R	017-566	-
+14°	8°	.042	1.07	2.6	D	L	017-567	-
+14°	8°	.042	1.07	2.6	D	R	017-568	-
+10°	8°	.049	1.24	2.6		L	017-777	017-877
+10°	8°	.049	1.24	2.6		R	017-778	017-878
+7°	8°	.049	1.24	2.6		L	017-403	017-503
+7°	8°	.049	1.24	2.6		R	017-404	017-504
+7°	8°	.049	1.24	2.6	D	L	017-405	017-505
+7°	8°	.049	1.24	2.6	D	R	017-406	017-506
+3°	9°	.049	1.24	2.6		L	017-803	017-903
+3°	9°	.049	1.24	2.6		R	017-804	017-904
0°	0°	.032	0.81	2.6		L/R	017-770	017-870
+7°	8°	.049	1.24	5.5		L	017-437	-
+7°	8°	.049	1.24	5.5		R	017-438	-

Offset

Offset

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3017-563

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5017-563

Note

3 APC™ II Brackets sold in units of five. **5** APC™ PLUS Brackets sold in units of five.

Measurements are in millimeters unless otherwise noted.

MBT™ Versatile+ Appliance System Brackets pictured in most cases.

4.24 Metal Brackets

Victory Series™ Brackets

Selection By Tooth – Maxillary

	Torque	Ang.	In/Out in.	In/Out mm	M/D Width	Hook	L/R	.018 in.	-	.022 in.	-
Cuspid Twin 	+7°	10°	.032	0.81	3.2	D	L	017-575		017-675	
	+7°	10°	.032	0.81	3.2	D	R	017-576		017-676	
	+7°	5°	.031	0.79	3.2		L	017-605		-	
	+7°	5°	.031	0.79	3.2		R	017-606		-	
	+7°	5°	.031	0.79	3.2	D	L	017-607		017-707	
	+7°	5°	.031	0.79	3.2	D	R	017-608		017-708	
	+7°	5°	.031	0.79	3.2	M	L	017-609		-	
	+7°	5°	.031	0.79	3.2	M	R	017-610		-	
	0°	8°	.032	0.81	3.2	D	L	017-773		017-873	
	0°	8°	.032	0.81	3.2	D	R	017-774		017-874	
	0°	6°	.032	0.81	3.2		L	017-625		017-725	
	0°	6°	.032	0.81	3.2		R	017-626		017-726	
	0°	6°	.032	0.81	3.2	D	L	017-627		017-727	
	0°	6°	.032	0.81	3.2	D	R	017-628		017-728	
	0°	6°	.031	0.79	3.2		L/R	-		017-718	
	0°	0°	.031	0.79	3.2		L	017-619*		017-719	
	0°	0°	.031	0.79	3.2		R	017-620*		017-720	
	0°	0°	.031	0.79	3.2	D	L	017-621		017-721	
	0°	0°	.031	0.79	3.2	D	R	017-622		017-722	
	-3°	10°	.032	0.81	3.2		L	017-411		017-511	
	-3°	10°	.032	0.81	3.2		R	017-412		017-512	
	-3°	10°	.032	0.81	3.2	D	L	017-413		017-513	
	-3°	10°	.032	0.81	3.2	D	R	017-414		017-514	
	-7°	8°	.032	0.81	3.2		L	-		017-879	
	-7°	8°	.032	0.81	3.2		R	-		017-880	
	-7°	8°	.032	0.81	3.2	D	L	017-881		017-981	
	-7°	8°	.032	0.81	3.2	D	R	017-882		017-982	
Cuspid Single  	0°	6°	.040	1.02	6.4		L	017-763*		-	
	0°	6°	.040	1.02	6.4		R	017-764*		-	
	-3°	10°	.031	0.79	6.4		L	017-407		-	
	-3°	10°	.031	0.79	6.4		R	017-408		-	
	-3°	10°	.031	0.79	6.4	Hk	L	017-409		017-509	
	-3°	10°	.031	0.79	6.4	Hk	R	017-410		017-510	

*Available Uncoated only.

Offset

Offset

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3017-573

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5017-573

Note

3 APC™ II Brackets sold in units of five. **5** APC™ PLUS Brackets sold in units of five.

Measurements are in millimeters unless otherwise noted.

MBT™ Versatile+ Appliance System Brackets pictured in most cases.

Victory Series™ Brackets

Selection By Tooth – Maxillary

	Torque	Ang.	In/Out in.	In/Out mm	M/D Width	Hook	L/R	.018 in.	-	.022 in.	-
Universal Bicuspid Twin  	0°	0°	.036	0.91	3.0		L/R	017-657	0	017-757	0
	0°	0°	.036	0.91	3.0	D	L	017-659	0	017-759	0
	0°	0°	.036	0.91	3.0	D	R	017-658	0	017-758	0
	-7°	0°	.036	0.91	3.0		L/R	017-583	0	017-683	0
	-7°	0°	.036	0.91	3.0	D	L	017-585	0	017-685	0
	-7°	0°	.036	0.91	3.0	D	R	017-584	0	017-684	0
	-7°	0°	.036	0.91	3.0	M	L	-		017-747	0
	-7°	0°	.036	0.91	3.0	M	R	-		017-748	0
	-7°	0°	.036	0.91	3.0		L/R	017-790	0	017-890	0
Universal Bicuspid Single  	-7°	0°	.036	0.91	5.3		L/R	017-415	0	017-515	0
	-7°	0°	.036	0.91	5.3	Hk	L/R	-		017-516	
	-7°	0°	.036	0.91	5.3		L/R	7017-415		7017-515	
	-7°	0°	.036	0.91	5.3	Hk	L/R	7017-416		-	
Universal Bicuspid Twin THk*  	-7°	0°	.055	1.40	3.0		L/R	017-791	0	017-891	0
	-7°	0°	.055	1.40	3.0	D	L	017-813**		017-913	
	-7°	0°	.055	1.40	3.0	D	R	017-812**		017-912	
									Offset		Offset
Adding Prefix "3" is APC™ II Adhesive System – Example: 3017-657											
Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5017-657											

*Optional – Compensated in/out for tooth size discrepancy.

**Available Uncoated only.

Note

3 APC™ II Brackets sold in units of five. **5** APC™ PLUS Brackets sold in units of five.

Measurements are in millimeters unless otherwise noted.

MBT™ Versatile+ Appliance System Brackets pictured in most cases.

4.26 Metal Brackets

Victory Series™ Brackets

Selection By Tooth – Mandibular

Anterior Twin	Torque	Ang.	In/Out in.	In/Out mm	M/D Width	Hook	L/R	.018 in.	.022 in.
	0°	0°	.032	0.81	2.4		L/R	017-603	017-703
	-1°	0°	.058	1.47	2.4		L/R	017-419	017-519
	-1°	0°	.058	1.47	2.4	D	LL	-	017-539*
	-1°	0°	.058	1.47	2.4	D	LR	-	017-540*
	-1°	0°	.047	1.19	2.4		L/R	017-660	017-760
	-5°	0°	.059	1.50	2.4		L/R	017-422	017-522
	-5°	0°	.059	1.50	2.4	D	LL	017-441*	017-541*
	-5°	0°	.059	1.50	2.4	D	LR	017-442*	017-542*
	-6°	0°	.059	1.50	2.4		L/R	017-792	017-892
	-10°	0°	.047	1.19	2.4		L/R	017-613	017-713
Anterior Single 	-1°	0°	.058	1.47	4.4		L/R	017-417	017-517*
	-5°	0°	.058	1.50	4.4		L/R	017-420	017-520
	-5°	0°	.058	1.50	4.4	Hk	L/R	017-421	-
Cuspid Twin  	+7°	5°	.031	0.79	3.2		L	017-579	017-679
	+7°	5°	.031	0.79	3.2		R	017-580	017-680
	+7°	5°	.031	0.79	3.2	M	L	017-611	-
	+7°	5°	.031	0.79	3.2	M	R	017-612	-
	+7°	5°	.031	0.79	3.2	D	L	017-581	017-681
	+7°	5°	.031	0.79	3.2	D	R	017-582	017-682
	0°	3°	.031	0.79	3.2	D	L	017-771	017-871
	0°	3°	.031	0.79	3.2	D	R	017-772	017-872
	0°	0°	.031	0.79	3.2		L	017-643	017-743
	0°	0°	.031	0.79	3.2		R	017-644	017-744
	0°	0°	.031	0.79	3.2	D	L	-	017-745
	0°	0°	.031	0.79	3.2	D	R	-	017-746
	-6°	3°	.030	0.76	3.2		L	017-793	017-893
	-6°	3°	.030	0.76	3.2		R	017-794	017-894
	-6°	3°	.030	0.76	3.2	D	LL	017-883	017-983
	-6°	3°	.030	0.76	3.2	D	LR	017-884	017-984
	-7°	6°	.030	0.76	3.2		L	017-427	017-527
	-7°	6°	.030	0.76	3.2		R	017-428	017-528
	-7°	6°	.030	0.76	3.2	D	L	017-429	017-529
	-7°	6°	.030	0.76	3.2	D	R	017-430	017-530
Cuspid Single  	-7°	6°	.027	0.69	6.4		L	017-423	017-523*
	-7°	6°	.027	0.69	6.4		R	017-424	017-524*
	-7°	6°	.027	0.69	6.4	Hk	L	017-425	-
	-7°	6°	.027	0.69	6.4	Hk	R	017-426	-
	0°	6°	.040	1.02	6.4		L	017-761*	-
	0°	6°	.040	1.02	6.4		R	017-762*	-
								Offset	Offset

*Available Uncoated only.

Note

3 APC™ II Brackets sold in units of five. **5** APC™ PLUS Brackets sold in units of five.

Measurements are in millimeters unless otherwise noted.

MBT™ Versatile+ Appliance System Brackets pictured in most cases.

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3017-603

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5017-603

Victory Series™ Brackets

Selection By Tooth – Mandibular

	Torque	Ang.	In/Out in.	In/Out mm	M/D Width	Hook	L/R	.018 in.	-	.022 in.	-
First Bicuspid Twin 	0°	0°	.036	0.91	3.0		L/R	017-599	0	017-699	0
	0°	0°	.036	0.91	3.0	D	L	017-601*		017-701	0
	0°	0°	.036	0.91	3.0	D	R	017-602*		017-702	0
	-7°	0°	.036	0.91	3.0		L/R	017-805		017-905	
	-7°	0°	.036	0.91	3.0	D	L	017-807		017-907	
	-7°	0°	.036	0.91	3.0	D	R	017-806		017-906	
	-11°	0°	.038	0.97	3.0		L/R	017-586	0	017-686	0
	-11°	0°	.038	0.97	3.0	D	L	017-587	0	017-687	0
	-11°	0°	.038	0.97	3.0	D	R	017-588	0	017-688	0
	-12°	2°	.038	0.97	3.0		L	017-795	0	017-895	0
	-12°	2°	.038	0.97	3.0		R	017-796	0	017-896	0
	-12°	2°	.038	0.97	3.0	D	L	017-809	0	017-909	0
	-12°	2°	.038	0.97	3.0	D	R	017-808	0	017-908	0
	-17°	0°	.039	0.99	3.0		L/R	017-616	0	017-716	0
	-17°	0°	.039	0.99	3.0	D	L	017-615	0	017-715	0
	-17°	0°	.039	0.99	3.0	D	R	017-614	0	017-714	0
First Bicuspid Single 	-11°	0°	.038	0.97	5.3		L/R	017-431	0	017-531	
	-11°	0°	.038	0.97	5.3	Hk	L/R	017-432		017-532	
	-11°	-4°	.038	0.97	5.3		L	017-765*		-	
	-11°	-4°	.038	0.97	5.3		R	017-766*		-	
Second Bicuspid Twin 	-17°	2°	.039	0.99	3.0		L	017-797	0	017-897	0
	-17°	2°	.039	0.99	3.0		R	017-798	0	017-898	0
	-17°	2°	.039	0.99	3.0	D	L	017-811	0	017-911	0
	-17°	2°	.039	0.99	3.0	D	R	017-810	0	017-910	0
	-17°	0°	.039	0.99	3.0		L/R	017-589	0	017-689	0
	-17°	0°	.039	0.99	3.0	D	L	017-591		017-691	0
	-17°	0°	.039	0.99	3.0	D	R	017-590		017-690	
	-22°	0°	.033	0.84	3.0		L/R	017-592	0	017-692	0
	-22°	0°	.033	0.84	3.0	D	L	017-593	0	017-693	0
Second Bicuspid Single 	-11°	-6°	.035	0.89	5.3		L	017-767*		-	
	-11°	-6°	.035	0.89	5.3		R	017-768*		-	
	-17°	0°	.035	0.89	5.3		L/R	017-433	0	017-533	
	-17°	0°	.035	0.89	5.3	Hk	L/R	017-434		-	
	-17°	0°	.035	0.89	5.3		L/R	7017-433		7017-533	
									Offset		Offset

*Available Uncoated only.

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3017-599Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5017-599

Note

3 APC™ II Brackets sold in units of five.**5** APC™ PLUS Brackets sold in units of five.Measurements are in millimeters
unless otherwise noted.If part number is preceded with "7" prefix,
available welded to bicuspid bands.

4.28 Metal Brackets

Victory Series™ Brackets

Selection By MBT™ Versatile+ Appliance System

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	Hook	L/R	.018 in.	-	.022 in.	-
Central	+17°	4°	.040	1.02	-	UL	017-775		017-875	
	+17°	4°	.040	1.02	-	UR	017-776		017-876	
Lateral	+10°	8°	.049	1.24	-	UL	017-777		017-877	
	+10°	8°	.049	1.24	-	UR	017-778		017-878	
Cuspid	0°	8°	.032	0.81	D	UL	017-773		017-873	
	0°	8°	.032	0.81	D	UR	017-774		017-874	
	-7°	8°	.032	0.81	-	UL	-		017-879	
	-7°	8°	.032	0.81	-	UR	-		017-880	
	-7°	8°	.032	0.81	D	UL	017-881		017-981	
	-7°	8°	.032	0.81	D	UR	017-882		017-982	
Universal Bicuspid	-7°	0°	.036	0.91	-	UNIV	017-790	0	017-890	0
	-7°	0°	.036	0.91	D	UL	017-585	0	017-685	0
	-7°	0°	.036	0.91	D	UR	017-584	0	017-684	0
Second Bicuspid THk*	-7°	0°	.055	1.40		UNIV	017-791	0	017-891	0
	-7°	0°	.055	1.40	D	UL	017-813	0	017-913	
	-7°	0°	.055	1.40	D	UR	017-812	0	017-912	
Mandibular										
Anterior	-6°	0°	.059	1.50		UNIV	017-792		017-892	
Cuspid	0°	3°	.031	0.79	D	LL	017-771		017-871	
	0°	3°	.031	0.79	D	LR	017-772		017-872	
	-6°	3°	.030	0.76	-	LL	017-793		017-893	
	-6°	3°	.030	0.76	-	LR	017-794		017-894	
	-6°	3°	.030	0.76	D	LL	017-883		017-983	
	-6°	3°	.030	0.76	D	LR	017-884		017-984	
First Bicuspid	-12°	2°	.038	0.97	-	LL	017-795	0	017-895	0
	-12°	2°	.038	0.97	-	LR	017-796	0	017-896	0
	-12°	2°	.038	0.97	D	LL	017-809	0	017-909	0
	-12°	2°	.038	0.97	D	LR	017-808	0	017-908	0
Second Bicuspid	-17°	2°	.039	0.99	-	LL	017-797	0	017-897	0
	-17°	2°	.039	0.99	-	LR	017-798	0	017-898	0
	-17°	2°	.039	0.99	D	LL	017-811	0	017-911	0
	-17°	2°	.039	0.99	D	LR	017-810	0	017-910	0
								Offset		Offset

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3017-775

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5017-775

*Optional – Compensated in/out for tooth size discrepancy

Note

3 APC™ II Brackets sold in units of five. **5** APC™ PLUS Brackets sold in units of five.

Measurements are in millimeters unless otherwise noted.

Victory Series™ Brackets

Selection By Sondhi Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	Hook	L/R	.018 in.	-	.022 in.	-
Central	+22°	5°	.040	1.02		UL	017-561		017-661	
	+22°	5°	.040	1.02		UR	017-562		017-662	
Lateral	+14°	8°	.052	1.32		UL	017-569		017-669	
	+14°	8°	.052	1.32		UR	017-570		017-670	
	+14°	8°	.052	1.32	D	UL	-		017-671	
	+14°	8°	.052	1.32	D	UR	-		017-672	
Bicuspid	-7°	0°	.036	0.91		UNIV	017-415	0	017-515	0
	-7°	0°	.036	0.91	Hk	UNIV	-		017-516	
Mandibular										
Anterior Central	-1°	0°	.058	1.47		UNIV	017-417		017-517*	
Cuspid	-7°	6°	.027	0.69		LL	017-423		017-523*	
	-7°	6°	.027	0.69		LR	017-424		017-524*	
	-7°	6°	.027	0.69	Hk	LL	017-425		-	
	-7°	6°	.027	0.69	Hk	LR	017-426		-	
First Bicuspid	-11°	0°	.038	0.97		UNIV	017-431	0	017-531	
	-11°	0°	.038	0.97	Hk	UNIV	017-432	0	017-532	
Second Bicuspid	-17°	0°	.038	0.97		UNIV	017-433	0	017-533	
	-17°	0°	.038	0.97	Hk	UNIV	017-434		-	
								Offset		Offset

*Available Uncoated only.

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3017-561

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5017-561

Note

3 APC™ II Brackets sold in units of five. **5** APC™ PLUS Brackets sold in units of five.

Measurements are in millimeters unless otherwise noted.

4.30 Metal Brackets

Victory Series™ Brackets

Selection By ZeroBase™ Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	Hook	L/R		.018 in.		.022 in.	
Central	+22°	5°	.040	1.02		UL	B	017-561		017-661	
	+22°	5°	.040	1.02		UR		017-562		017-662	
	+17°	5°	.040	1.02		UL	M	017-595		-	
	+17°	5°	.040	1.02		UR		017-596		-	
	+14°	5°	.040	1.02		UL	D	017-401		017-501	
	+14°	5°	.040	1.02		UR		017-402		017-502	
Lateral	+14°	8°	.052	1.32		UL	B	017-569		017-669	
	+14°	8°	.052	1.32		UR		017-570		017-670	
	+10°	8°	.049	1.24		UL	M	017-777		017-877	
	+10°	8°	.049	1.24		UR		017-778		017-878	
	+7°	8°	.049	1.24		UL	D	017-403		017-503	
	+7°	8°	.049	1.24		UR		017-404		017-504	
Cuspid	+7°	10°	.032	0.81	D	UL	B	017-575		017-675	
	+7°	10°	.032	0.81	D	UR		017-576		017-676	
	0°	6°	.032	0.81		UL	M D	017-625		017-725	
	0°	6°	.032	0.81		UR		017-626		017-726	
	0°	6°	.032	0.81	D	UL		017-627		017-727	
	0°	6°	.032	0.81	D	UR		017-628		017-728	
Bicuspid	0°	0°	.036	0.91		UNIV	B M D	017-657	0	017-757	0
	0°	0°	.036	0.91	D	UL	B M D	017-659		017-759	
	0°	0°	.036	0.91	D	UR	B M D	017-658		017-758	
Mandibular											
Anterior	-1°	0°	.058	1.47		UNIV	B M D	017-419		017-519	
Cuspid	+7°	5°	.031	0.79		LL	B M D	017-579		017-679	
	+7°	5°	.031	0.79		LR	B M D	017-580		017-680	
	+7°	5°	.031	0.79	M	LL	B M D	017-611		-	
	+7°	5°	.031	0.79	M	LR	B M D	017-612		-	
	+7°	5°	.031	0.79	D	LL	B M D	017-581		017-681	
	+7°	5°	.031	0.79	D	LR	B M D	017-582		017-682	
First Bicuspid	-7°	0°	.036	0.91		UNIV		017-805		017-905	
	-7°	0°	.036	0.91	D	LL	B M D	017-807		017-907	
	-7°	0°	.036	0.91	D	LR	B M D	017-806		017-906	
Second Bicuspid	-11°	0°	.038	0.97		UNIV	B M D	017-586	0	017-686	0
	-11°	0°	.038	0.97	D	LL	B M D	017-587	0	017-687	0
	-11°	0°	.038	0.97	D	LR	B M D	017-588	0	017-688	0

B Brachyfacial **M** Mesofacial **D** Dolichofacial

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3017-561

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5017-561

Note

3 APC™ II Brackets sold in units of five. **5** APC™ PLUS Brackets sold in units of five.

*Solventum version of this prescription.
No endorsement by the Doctor is implied.

Measurements are in millimeters unless otherwise noted.

Victory Series™ Brackets

Selection By Roth* Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	Hook	L/R	.018 in.	-	.022 in.	-
Central	+14°	5°	.040	1.02		UL	017-401		017-501	
	+14°	5°	.040	1.02		UR	017-402		017-502	
Lateral	+7°	8°	.049	1.24		UL	017-403		017-503	
	+7°	8°	.049	1.24		UR	017-404		017-504	
Cuspid	-3°	10°	.032	0.81		UL	017-411		017-511	
	-3°	10°	.032	0.81		UR	017-412		017-512	
	-3°	10°	.032	0.81	D	UL	017-413		017-513	
	-3°	10°	.032	0.81	D	UR	017-414		017-514	
Bicuspid	-7°	0°	.036	0.91		UNIV	017-583	0	017-683	0
	-7°	0°	.036	0.91	D	UL	017-585	0	017-685	0
	-7°	0°	.036	0.91	D	UR	017-584	0	017-684	0
	-7°	0°	.036	0.91	M	UL	-		017-747	0
	-7°	0°	.036	0.91	M	UR	-		017-748	0
Mandibular										
Anterior	-1°	0°	.058	1.47		UNIV	017-419		017-519	
Cuspid	-7°	6°	.030	0.76		LL	017-427		017-527	
	-7°	6°	.030	0.76		LR	017-428		017-528	
	-7°	6°	.030	0.76	D	LL	017-429		017-529	
	-7°	6°	.030	0.76	D	LR	017-430		017-530	
First Bicuspid	-17°	0°	.039	0.99		UNIV	017-616	0	017-716	0
	-17°	0°	.039	0.99	D	LL	017-615	0	017-715	0
	-17°	0°	.039	0.99	D	LR	017-614	0	017-714	0
Second Bicuspid	-22°	0°	.033	0.84		UNIV	017-592	0	017-692	0
	-22°	0°	.033	0.84	D	LL	017-593	0	017-693	0
	-22°	0°	.033	0.84	D	LR	017-594	0	017-694	0
								Offset		Offset
Adding Prefix "3" is APC™ II Adhesive System – Example: 3017-401										
Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5017-401										

Note

3 APC™ II Brackets sold in units of five.

5 APC™ PLUS Brackets sold in units of five.

*Solventum version of this prescription.
No endorsement by the Doctor is implied.

Measurements are in millimeters unless otherwise noted.

4.32 Metal Brackets

Victory Series™ Brackets

Selection By Andrews* Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	Hook	L/R	.018 in.	-	.022 in.	-
Central	+7°	5°	.040	1.02		UL	017-801		017-901	
	+7°	5°	.040	1.02		UR	017-802		017-902	
Lateral	+3°	9°	.049	1.24		UL	017-803		017-903	
	+3°	9°	.049	1.24		UR	017-804		017-904	
Cuspid	-3°	10°	.032	0.81		UL	017-411		017-511	
	-3°	10°	.032	0.81		UR	017-412		017-512	
	-3°	10°	.032	0.81	D	LL	017-413		017-513	
	-3°	10°	.032	0.81	D	LR	017-414		017-514	
Bicuspid	-7°	0°	.036	0.91		UNIV	017-583	0	017-683	0
	-7°	0°	.036	0.91	D	UL	017-585	0	017-685	0
	-7°	0°	.036	0.91	D	UR	017-584	0	017-684	0
	-7°	0°	.036	0.91	M	UL	-		017-747	0
	-7°	0°	.036	0.91	M	UR	-		017-748	0
Mandibular										
Anterior	-1°	0°	.058	1.47		UNIV	017-419		017-519	
Cuspid	-7°	6°	.030	0.76		LL	017-427		017-527	
	-7°	6°	.030	0.76		LR	017-428		017-528	
	-7°	6°	.030	0.76	D	LL	017-429		017-529	
	-7°	6°	.030	0.76	D	LR	017-430		017-530	
First Bicuspid	-17°	0°	.039	0.99		UNIV	017-616	0	017-716	0
	-17°	0°	.039	0.99	D	LL	017-615	0	017-715	0
	-17°	0°	.039	0.99	D	LR	017-614	0	017-714	0
Second Bicuspid	-22°	0°	.033	0.84		UNIV	017-592	0	017-692	0
	-22°	0°	.033	0.84	D	LL	017-593	0	017-693	0
	-22°	0°	.033	0.84	D	LR	017-594	0	017-694	0
								Offset		Offset
Adding Prefix "3" is APC™ II Adhesive System – Example: 3017-801 Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5017-801										

Note

3 APC™ II Brackets sold in units of five.	5 APC™ PLUS Brackets sold in units of five.
*Solventum version of this prescription. No endorsement by the Doctor is implied.	Measurements are in millimeters unless otherwise noted.

4.32 Metal Brackets

Victory Series™ Brackets

Selection By Andrews* Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	Hook	L/R	.018 in.	-	.022 in.	-
Central	+7°	5°	.040	1.02		UL	017-801		017-901	
	+7°	5°	.040	1.02		UR	017-802		017-902	
Lateral	+3°	9°	.049	1.24		UL	017-803		017-903	
	+3°	9°	.049	1.24		UR	017-804		017-904	
Cuspid	-3°	10°	.032	0.81		UL	017-411		017-511	
	-3°	10°	.032	0.81		UR	017-412		017-512	
	-3°	10°	.032	0.81	D	LL	017-413		017-513	
	-3°	10°	.032	0.81	D	LR	017-414		017-514	
Bicuspid	-7°	0°	.036	0.91		UNIV	017-583	0	017-683	0
	-7°	0°	.036	0.91	D	UL	017-585	0	017-685	0
	-7°	0°	.036	0.91	D	UR	017-584	0	017-684	0
	-7°	0°	.036	0.91	M	UL	-		017-747	0
	-7°	0°	.036	0.91	M	UR	-		017-748	0
Mandibular										
Anterior	-1°	0°	.058	1.47		UNIV	017-419		017-519	
Cuspid	-7°	6°	.030	0.76		LL	017-427		017-527	
	-7°	6°	.030	0.76		LR	017-428		017-528	
	-7°	6°	.030	0.76	D	LL	017-429		017-529	
	-7°	6°	.030	0.76	D	LR	017-430		017-530	
First Bicuspid	-17°	0°	.039	0.99		UNIV	017-616	0	017-716	0
	-17°	0°	.039	0.99	D	LL	017-615	0	017-715	0
	-17°	0°	.039	0.99	D	LR	017-614	0	017-714	0
Second Bicuspid	-22°	0°	.033	0.84		UNIV	017-592	0	017-692	0
	-22°	0°	.033	0.84	D	LL	017-593	0	017-693	0
	-22°	0°	.033	0.84	D	LR	017-594	0	017-694	0
								Offset		Offset
Adding Prefix "3" is APC™ II Adhesive System – Example: 3017-801 Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5017-801										

Note

3 APC™ II Brackets sold in units of five.	5 APC™ PLUS Brackets sold in units of five.
*Solventum version of this prescription. No endorsement by the Doctor is implied.	Measurements are in millimeters unless otherwise noted.

4.34 Metal Brackets

Victory Series™ Brackets

Selection By Hilgers* Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	Hook	L/R	.018 in.	-	.022 in.	-
Central	+22°	5°	.040	1.02		UL	017-561		017-661	
	+22°	5°	.040	1.02		UR	017-562		017-662	
Lateral	+14°	8°	.052	1.32		UL	017-569		017-669	
	+14°	8°	.052	1.32		UR	017-570		017-670	
Cuspid	+7°	10°	.032	0.81	D	UL	017-575		017-675	
	+7°	10°	.032	0.81	D	UR	017-576		017-676	
Bicuspid	-7°	0°	.036	0.91		UNIV	017-583	0	017-683	0
	-7°	0°	.036	0.91	D	UL	017-585	0	017-685	0
	-7°	0°	.036	0.91	D	UR	017-584	0	017-684	0
	-7°	0°	.036	0.91	M	UL	-		017-747	0
	-7°	0°	.036	0.91	M	UR	-		017-748	0
Mandibular										
Anterior	-1°	0°	.058	1.47		UNIV	017-419		017-519	
Cuspid	+7°	5°	.031	0.79		LL	017-579		017-679	
	+7°	5°	.031	0.79		LR	017-580		017-680	
	+7°	5°	.031	0.79	D	LL	017-581		017-681	
	+7°	5°	.031	0.79	D	LR	017-582		017-682	
	+7°	5°	.031	0.79	M	LL	017-611		-	
	+7°	5°	.031	0.79	M	LR	017-612		-	
First Bicuspid	-11°	0°	.038	0.97		UNIV	017-586	0	017-686	0
	-11°	0°	.038	0.97	D	LL	017-587	0	017-687	0
	-11°	0°	.038	0.97	D	LR	017-588	0	017-688	0
Second Bicuspid	-17°	0°	.039	0.99		UNIV	017-589	0	017-689	0
	-17°	0°	.039	0.99	D	LL	017-591	0	017-691	0
	-17°	0°	.039	0.99	D	LR	017-590	0	017-690	0
								Offset		Offset

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3017-561

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5017-561

Note

3 APC™ II Brackets sold in units of five.

5 APC™ PLUS Brackets sold in units of five.

*Solventum version of this prescription.
No endorsement by the Doctor is implied.

Measurements are in millimeters unless otherwise noted.

Victory Series™ Brackets

Selection By Ricketts* Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	Hook	L/R	.018 in.	-	.022 in.	-
Central	+22°	5°	.040	1.02		UL	017-561		017-661	
	+22°	5°	.040	1.02		UR	017-562		017-662	
Lateral	+14°	8°	.052	1.32		UL	017-569		017-669	
	+14°	8°	.052	1.32		UR	017-570		017-670	
Cuspid	+7°	5°	.031	0.79		UL	017-605		-	
	+7°	5°	.031	0.79		UR	017-606		-	
	+7°	5°	.031	0.79	D	UL	017-607		017-707	
	+7°	5°	.031	0.79	D	UR	017-608		017-708	
	+7°	5°	.031	0.79	M	UL	017-609		017-709	
	+7°	5°	.031	0.79	M	UR	017-610		-	
Bicuspid	0°	0°	.036	0.91		UNIV	017-657	0	017-757	0
	0°	0°	.036	0.91	D	UL	017-659		017-759	
	0°	0°	.036	0.91	D	UR	017-658		017-758	
Mandibular										
Anterior	-1°	0°	.047	1.19		UNIV	017-660		017-760	
Cuspid	+7°	5°	.031	0.79		LL	017-579		017-679	
	+7°	5°	.031	0.79		LR	017-580		017-680	
	+7°	5°	.031	0.79	D	LL	017-581		017-681	
	+7°	5°	.031	0.79	D	LR	017-582		017-682	
	+7°	5°	.031	0.79	M	LL	017-611		-	
	+7°	5°	.031	0.79	M	LR	017-612		-	
First Bicuspid	0°	0°	.036	0.91		UNIV	017-599	0	017-699	0
	0°	0°	.036	0.91	D	LL	017-601*		017-701	0
	0°	0°	.036	0.91	D	LR	017-602*		017-702	0
Second Bicuspid	-11°	0°	.038	0.97		UNIV	017-586	0	017-686	0
	-11°	0°	.038	0.97	D	LL	017-587	0	017-687	0
	-11°	0°	.038	0.97	D	LR	017-588	0	017-688	0
								Offset		Offset

*Available Uncoated only.

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3017-561

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5017-561

Note

3 APC™ II Brackets sold in units of five.

5 APC™ PLUS Brackets sold in units of five.

*Solventum version of this prescription.
No endorsement by the Doctor is implied.

Measurements are in millimeters unless otherwise noted.

4.36 Metal Brackets

Victory Series™ Brackets

Selection By Samson* Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	Hook	L/R	.018 in.	-	.022 in.	-
Central Phase 1	+22°	0°	.040	1.02		UL	017-563		017-663	
	+22°	0°	.040	1.02		UR	017-564		017-664	
Central Phase 2	+22°	5°	.040	1.02		UL	017-561		017-661	
	+22°	5°	.040	1.02		UR	017-562		017-662	
Lateral	+7°	8°	.049	1.24		UL	017-403		017-503	
	+7°	8°	.049	1.24		UR	017-404		017-504	
Cuspid	+7°	5°	.031	0.79		UL	017-605		-	
	+7°	5°	.031	0.79		UR	017-606		-	
	+7°	5°	.031	0.79	D	UL	017-607		017-707	
	+7°	5°	.031	0.79	D	UR	017-608		017-708	
	+7°	5°	.031	0.79	M	UL	017-609		-	
	+7°	5°	.031	0.79	M	UR	017-610		-	
Bicuspid	-7°	0°	.036	0.91		UNIV	017-583	0	017-683	0
	-7°	0°	.036	0.91	D	UL	017-585	0	017-685	0
	-7°	0°	.036	0.91	D	UR	017-584	0	017-684	0
	-7°	0°	.036	0.91	M	UL	-		017-747	
	-7°	0°	.036	0.91	M	UR	-		017-748	
Mandibular										
Anterior	0°	0°	.032	0.81		UNIV	017-603		017-703	
Cuspid	+7°	5°	.031	0.79		LL	017-579		017-679	
	+7°	5°	.031	0.79		LR	017-580		017-680	
	+7°	5°	.031	0.79	D	LL	017-581		017-681	
	+7°	5°	.031	0.79	D	LR	017-582		017-682	
	+7°	5°	.031	0.79	M	LL	017-611		-	
	+7°	5°	.031	0.79	M	LR	017-612		-	
First Bicuspid	-17°	0°	.039	0.99		UNIV	017-616	0	017-716	0
	-17°	0°	.039	0.99	D	LL	017-615	0	017-715	0
	-17°	0°	.039	0.99	D	LR	017-614	0	017-714	0
Second Bicuspid	-22°	0°	.033	0.84		UNIV	017-592	0	017-692	0
	-22°	0°	.033	0.84	D	LL	017-593	0	017-693	0
	-22°	0°	.033	0.84	D	LR	017-594	0	017-694	0
								Offset		Offset

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3017-563

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5017-563

Note

3 APC™ II Brackets sold in units of five.

5 APC™ PLUS Brackets sold in units of five.

*Solventum version of this prescription.
No endorsement by the Doctor is implied.

Measurements are in millimeters unless otherwise noted.

Victory Series™ Brackets

Selection By Bench* Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	Hook	L/R	.018 in.	-	.022 in.	-
Central	+17°	5°	.040	1.02		UL	017-595		-	
	+17°	5°	.040	1.02		UR	017-596		-	
Lateral	+10°	8°	.049	1.24		UL	017-777		017-877	
	+10°	8°	.049	1.24		UR	017-778		017-878	
Cuspid	+7°	10°	.032	0.81	D	UL	017-575		017-675	
	+7°	10°	.032	0.81	D	UR	017-576		017-676	
Bicuspid	-7°	0°	.036	0.91		UNIV	017-583	0	017-683	0
	-7°	0°	.036	0.91	D	UL	017-585	0	017-685	0
	-7°	0°	.036	0.91	D	UR	017-584	0	017-684	0
	-7°	0°	.036	0.91	M	UL	-		017-747	
	-7°	0°	.036	0.91	M	UR	-		017-748	
Mandibular										
Anterior	-1°	0°	.058	1.47		UNIV	017-419		017-519	
Cuspid	+7°	5°	.031	0.79		LL	017-579		017-679	
	+7°	5°	.031	0.79		LR	017-580		017-680	
	+7°	5°	.031	0.79	D	LL	017-581		017-681	
	+7°	5°	.031	0.79	D	LR	017-582		017-682	
	+7°	5°	.031	0.79	M	LL	017-611		-	
	+7°	5°	.031	0.79	M	LR	017-612		-	
First Bicuspid	-11°	0°	.038	0.97		UNIV	017-586	0	017-686	0
	-11°	0°	.038	0.97	D	LL	017-587	0	017-687	0
	-11°	0°	.038	0.97	D	LR	017-588	0	017-688	0
Second Bicuspid	-22°	0°	.033	0.84		UNIV	017-592	0	017-692	0
	-22°	0°	.033	0.84	D	LL	017-593	0	017-693	0
	-22°	0°	.033	0.84	D	LR	017-594	0	017-694	0
								Offset		Offset

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3017-595

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5017-595

Note

3 APC™ II Brackets sold in units of five.

5 APC™ PLUS Brackets sold in units of five.

*Solventum version of this prescription.
No endorsement by the Doctor is implied.

Measurements are in millimeters unless otherwise noted.

4.38 Metal Brackets

Victory Series™ Brackets

Selection By Level Anchorage™ Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	Hook	L/R	.018 in.	-	.022 in.	-
Central	+14°	5°	.040	1.02		UL	017-401		017-501	
	+14°	5°	.040	1.02		UR	017-402		017-502	
Lateral Twin	+7°	8°	.049	1.24		UL	017-403		017-503	
	+7°	8°	.049	1.24		UR	017-404		017-504	
Lateral Single	+7°	8°	.049	1.24		UL	017-437		-	
	+7°	8°	.049	1.24		UR	017-438		-	
Bicuspid Single	-7°	0°	.036	0.91		UNIV	017-415		017-515	
	-7°	0°	.036	0.91	Hk	UNIV	-		017-516	
Mandibular										
Anterior Single	-1°	0°	.058	1.47		UNIV	017-417		017-517*	
Cuspid Single	0°	6°	.040	1.02		LL	017-761*		-	
	0°	6°	.040	1.02		LR	017-762*		-	
First Bicuspid Single	-11°	-4°	.038	0.97		LL	017-765*		-	
	-11°	-4°	.038	0.97		LR	017-766*		-	
Second Bicuspid Single	-11°	-6°	.038	0.97		LL	017-767*		-	
	-11°	-6°	.038	0.97		LR	017-768*		-	
								Offset		Offset

*Available Uncoated only.

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3017-401

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5017-401

Victory Series Buccal Tubes Level Anchorage Prescription

	Torque	Offset	L/R	.018 in.		.022 in.	
Upper 1 ST	-10°	14°	L	068-817	1	068-917	
	-10°	14°	R	068-818	2	068-918	
Upper 2 ND	-10°	10°	L	067-831	1	067-931	1
	-10°	10°	R	067-832	2	067-932	2
Lower 1 ST	-25°	7°	L	067-803	3	067-903	3
	-25°	7°	R	067-804	4	067-904	4
Lower 2 ND	-25°	6°	L	067-837	3	067-937	3
	-25°	-6°	R	067-838	4	067-938	4
					Base		Base

Note

3 Appliance is available with APC™ II Adhesive Coated Appliance System.	5 Appliance is available with APC™ PLUS Adhesive Coated Appliance System with color change adhesive.
APC™ II Brackets sold in units of five. APC™ PLUS Brackets sold in units of five.	APC™ II Buccal Tubes sold in units of five. APC™ PLUS Buccal Tubes sold in units of four. Non-coated Buccal Tubes sold individually.
Measurements are in millimeters unless otherwise noted.	1 2 3 4 Buccal Tube is available with a bondable base.
For detailed buccal tube information see the Buccal Tubes section.	

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3068-817

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5068-817

Victory Series™ Brackets

Case Kits

Victory Series™ Twin MBT™ Versatile+ Appliance System Brackets One Case Kits				
	Type	Hook	.018 in.	.022 in.
U/L	5 x 5		-	017-551*
U/L	5 x 5	Cuspid	017-452	017-552
			Adding Prefix "3" is APC™ II Adhesive System – Example: 3017-451	
			Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5017-451	

**Not available with APC™ PLUS Adhesive.

Victory Series™ Brackets Roth* Prescription One Case Kits				
	Type	Hook	.018 in.	.022 in.
U/L	5 x 5	Cuspid	017-447	017-547
U/L	5 x 5	Cuspid/Bicuspid	017-448	017-548
			Adding Prefix "3" is APC™ II Adhesive System – Example: 3017-447	
			Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5017-447	

Victory Series™ Twin Brackets Alexander* Prescription One Case Kits				
	Type	Hook	.018 in.	.022 in.
U/L	5 x 5	Lateral	017-460	-

Note

*Solventum version of this prescription.
No endorsement by the Doctor is implied.

4.40 Metal Brackets

Victory Series™ V-Slot Brackets



Full contoured mesh base provides precision placement and consistent bonds.



The low profile torque-in-base design achieves level slot line-up and easy bracket placement.



Chamfered .018 x .018 V-slot allows easy insertion and removal of various auxiliaries to aid tooth alignment.

Victory Series Vertical Slot brackets deliver all the advantages of Victory Series brackets, along with the added benefits of vertical slot mechanics.

Our Victory Series V-Slot system was designed with you and your patient in mind. Chamfered vertical

slots allow for easy insertion and removal of various auxiliaries. Optional bicuspid brackets with gingival offsets provide increased bond strength. The integral ball hooks on cuspids and bicuspids allow for simultaneous use of auxiliaries.

The low bracket profile with domed tie-wings provides greater patient comfort with easy ligation and enhanced mini metal esthetics. As with all Victory Series bracket systems, our color coded quadrant identification and APC™ Adhesive Coating System makes bracket selection user-friendly for both you and your staff. Victory Series Vertical Slot brackets: Solventum Innovation working for you.

Victory Series™ V-Slot Brackets available with:

APC™ II Adhesive

Also available with APC™ Plus Adhesive pre-coating.

Victory Series™ V-Slot Brackets

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	Hook	L/R	.018 in.		.022 in.	
Central	+14°	5°	.048	1.22		UL	017-815		017-915	
	+14°	5°	.048	1.22		UR	017-814		017-914	
Lateral	+7°	8°	.057	1.45		UL	017-817		017-917	
	+7°	8°	.057	1.45		UR	017-816		017-916	
Cuspid	-3°	10°	.042	1.07		UL	017-819		017-919**	
	-3°	10°	.042	1.07		UR	017-818		017-918**	
	-3°	10°	.042	1.07	D	UL	017-823		017-923	
	-3°	10°	.042	1.07	D	UR	017-824		017-924	
Bicuspid	-7°	0°	.043	1.09		UNIV	017-820	0*	017-920	0
	-7°	0°	.043	1.09	D	UL	017-821	0	017-921	
	-7°	0°	.043	1.09	D	UR	017-822	0	017-922	
	-7°	0°	.043	1.09		UNIV	7017-820		7017-920	
Mandibular										
Anterior	-1°	0°	.064	1.63		UNIV	017-825		017-925	
Cuspid	-7°	6°	.041	1.04		LL	017-827**		017-927	
	-7°	6°	.041	1.04		LR	017-826**		017-926	
	-7°	6°	.041	1.04	D	LL	017-831		017-931	
	-7°	6°	.041	1.04	D	LR	017-830		017-930	
First Bicuspid	-17°	0°	.044	1.12		UNIV	017-828	0	017-928	0
	-17°	0°	.044	1.12	D	LL	-		017-933	
	-17°	0°	.044	1.12	D	LR	-		017-932	
	-17°	0°	.044	1.12		UNIV	7017-828		-	
Second Bicuspid	-22°	0°	.047	1.19		UNIV	017-829	0	017-929	0
	-22°	0°	.047	1.19		UNIV	7017-829		7017-929	
	-22°	0°	.047	1.19	D	LR	017-834		017-934	
	-22°	0°	.047	1.19	D	LL	017-835		017-935	

*Available Uncoated only.

**Available Uncoated and with APC™ II Adhesive only.

Offset

Offset

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3017-815

Adding Prefix "5" is APC™ PLUS Adhesive System –
Example: 5017-815

Victory Series™ V-Slot Brackets Roth* One Case Kits

Type	Hook	.022 in.
U/L 5 x 5	Cuspid	017-557*
U/L 5 x 5	Cuspid/Bicuspid	017-558*

Adding Prefix "3" is APC™ II Adhesive System –
Example: 3017-557

Note

3 APC™ II Brackets sold in units of five.	5 APC™ PLUS Brackets sold in units of five.
Measurements are in millimeters unless otherwise noted.	If part number is preceded with "7" prefix, available welded to bicuspid bands.
*Solventum version of this prescription. No endorsement by the Doctor is implied.	

*Available Uncoated and with APC™ II Adhesive only.

4.42 Metal Brackets

Miniature Twin Metal Brackets



A micro-etched base features strength comparable to mesh.



Ample under tie-wing area means smoother and more secure ligation.

Torque-in-base design with compound base contour.

Miniature Twin Brackets provide all the proven clinical characteristics of full size twin brackets, in a smaller size for greater comfort and improved esthetics. Manufactured from sturdy 17-4 stainless steel, metal injection molded Miniature Twin

brackets incorporate a micro-etched base for bond strength equivalent to mesh. Also featured are easy-to-read permanent I.D. marks plus new tie-wing ink marks. In addition, Miniature Twin brackets include a smooth, bi-directional hook for superior elastic

engagement. Backed by Solventum, the leader in orthodontic brackets and appliances for more than 70 years, Miniature Twin brackets promise outstanding performance for patients and practitioners alike.

Miniature Twin Metal Brackets available with:

APC™ II Adhesive

Also available with APC™ Plus Adhesive pre-coating.

Miniature Twin Metal Brackets

Selection By Roth* Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	M/D Width	Hook	L/R	D/R	.018 in.	.022 in.
	+12°	+5°	.031	0.79	3.5		L		017-201	017-301
	+12°	+5°	.031	0.79	3.5		R		017-202	017-302
	+8°	+9°	.044	1.12	3.0		L		017-203	017-303
	+8°	+9°	.044	1.12	3.0		R		017-204	017-304
	0°	+11°	.026	0.66	3.5		L		017-205	017-305
	0°	+11°	.026	0.66	3.5		R		017-206	017-306
	0°	+11°	.026	0.66	3.5	D/Hk	L		017-207	017-307
	0°	+11°	.026	0.66	3.5	D/Hk	R		017-208	017-308
	-7°	0°	.028	0.71	3.0		UNIV		017-209	017-309
	-7°	0°	.028	0.71	3.0		UNIV		7017-209	7017-309
	-7°	0°	.028	0.71	3.0	D/Hk	L		017-211	017-311
	-7°	0°	.028	0.71	3.0	D/Hk	L		7017-211	7017-311
	-7°	0°	.028	0.71	3.0	D/Hk	R		017-212	017-312
	-7°	0°	.028	0.71	3.0	D/Hk	R		7017-212	7017-312
Mandibular										
	-1°	0°	.044	1.12	2.4		L		017-213	017-313
	-11°	+5°	.018	0.46	3.0	D/Hk	L	6°	017-379	017-479
	-11°	+5°	.018	0.46	3.0	D/Hk	R	6°	017-380	017-480
	-11°	+5°	.028	0.71	3.0		L		017-215	017-315
	-11°	+5°	.028	0.71	3.0		R		017-216	017-316
	-11°	+5°	.028	0.71	3.0	D/Hk	L		017-217	017-317
	-11°	+5°	.028	0.71	3.0	D/Hk	R		017-218	017-318
	-17°	0°	.030	0.76	3.0		UNIV		017-219	017-319
	-17°	0°	.030	0.76	3.0		UNIV		7017-219	7017-319
	-17°	0°	.030	0.76	3.0	Hk	L		017-221	017-321
	-17°	0°	.030	0.76	3.0	D/Hk	L		7017-221	7017-321
	-17°	0°	.030	0.76	3.0	Hk	R		017-222	017-322
	-17°	0°	.030	0.76	3.0	D/Hk	R		7017-222	7017-322
	-22°	0°	.029	0.74	3.0		UNIV		017-220	017-320
	-22°	0°	.029	0.74	3.0		UNIV		7017-220	7017-320
	-22°	0°	.029	0.74	3.0	D/Hk	L		017-223	017-323
	-22°	0°	.029	0.74	3.0	D/Hk	L		7017-223	7017-323
	-22°	0°	.029	0.74	3.0	D/Hk	R		017-224	017-324
	-22°	0°	.029	0.74	3.0	D/Hk	R		7017-224	7017-324

Note

3 APC™ II Brackets sold in units of five. **5** APC™ PLUS Brackets sold in units of five.

*Solventum version of this prescription. No endorsement by the Doctor is implied.

Measurements are in millimeters unless otherwise noted.

Roth* Prescription Brackets pictured in most cases.

If part number is preceded with "7" prefix, available welded to bicuspid bands.

Offset

Offset

Adding Prefix "3" is APC™ II Adhesive System – Example: 3017-201

Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5017-201

4.44 Metal Brackets

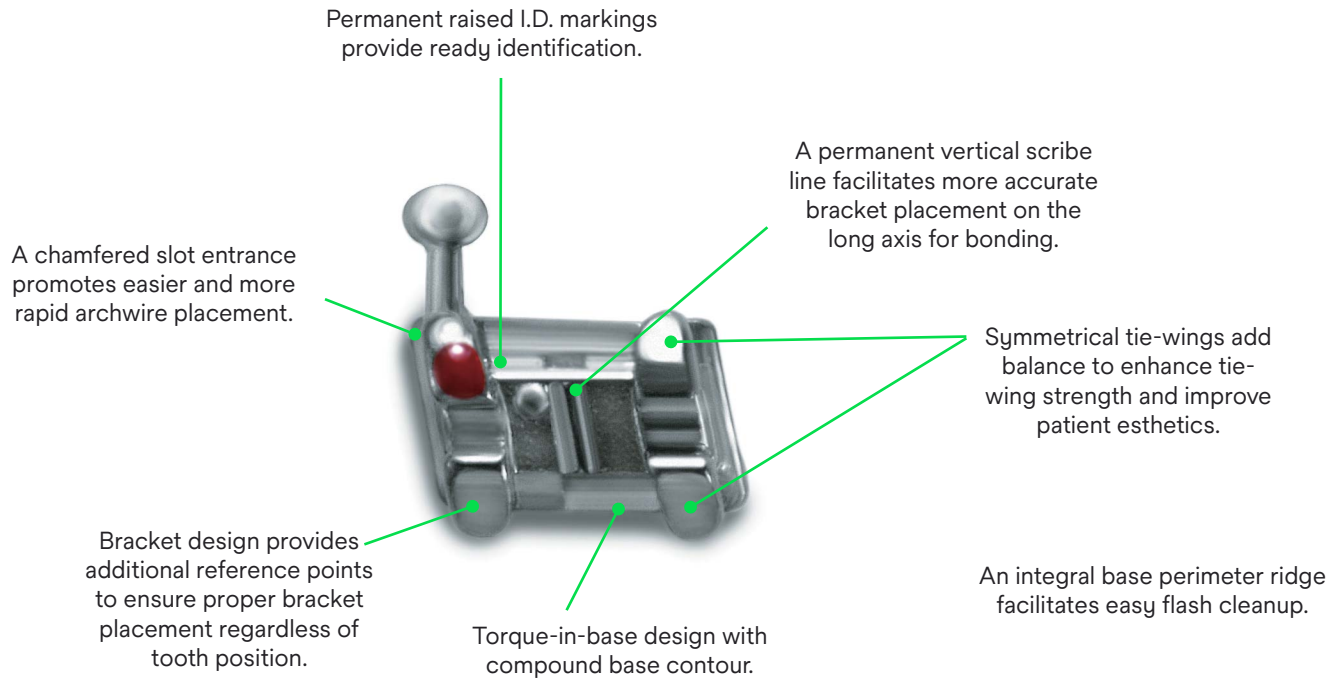
Miniature Twin Metal Brackets

Miniature Twin Brackets Roth* Prescription One Case Kits				
	Type	Hook	.018 in.	.022 in.
U/L	5 x 5	Cuspid/Bicuspid	017-102	017-104
U/L	5 x 5	Cuspid	017-112	017-114
			Adding Prefix "3" is APC™ II Adhesive System – Example: 3017-102	
			Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5017-102	

Note

*Solventum version of this prescription.
No endorsement by the Doctor is implied.

Miniature Twin V-Slot Metal Brackets



Miniature Twin Vertical Slot Brackets have all the features you've come to expect in a twin bracket—and more. They're smaller, for greater comfort and improved esthetics.

And their metal injection molded, one-piece construction features a micro-etched base which provides bond strength comparable to mesh, and lower friction than machined brackets.

Also featured are easy-to-read, permanent I.D. marks plus new tie-wing ink marks.

A vertical scribe line facilitates more accurate placement, and the vertical slot adds treatment flexibility.

Vertical Slot (.020 x .020) accommodates a variety of auxiliaries, including a removable hook pin, which can be added when needed—or not, your choice. Miniature Twin Vertical Slot Brackets deliver outstanding performance for both patients and practitioners.



Removable Hook Pin

Removable hook pin auxiliary for elastics.

461-140 100/pk

4.46 Metal Brackets

Miniature Twin V-Slot Metal Brackets

Selection By Roth* Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	M/D Width	Hook	L/R	.018 in.	-	.022 in.	-
Central	+12°	+5°	.053	1.35	3.5		L	017-231		017-331	
	+12°	+5°	.053	1.35	3.5		R	017-232		017-332	
Lateral	+8°	+9°	.062	1.57	3.0		L	017-233		017-333	
	+8°	+9°	.062	1.57	3.0		R	017-234		017-334	
Cuspid	0°	+11°	.046	1.17	3.5		L	017-237		017-337	
	0°	+11°	.046	1.17	3.5		R	017-238		017-338	
	0°	+11°	.046	1.22	3.5	D	L	017-389		017-489	
	0°	+11°	.046	1.22	3.5	D	R	017-390		017-490	
Bicuspid	-7°	0°	.045	1.14	3.0		UNIV	017-239		017-339	
Mandibular											
Anterior	-1°	0°	.063	1.60	2.4		UNIV	017-240		017-340	
Cuspid	-11°	+5°	.048	1.22	3.0		L	017-241		017-341	
	-11°	+5°	.048	1.22	3.0		R	017-242		017-342	
	-11°	+5°	.048	1.22	3.0	D	L	017-391		017-491	
	-11°	+5°	.048	1.22	3.0	D	R	017-392		017-492	
First Bicuspid	-17°	0°	.050	1.27	3.0		UNIV	017-243		017-343	
Second Bicuspid	-22°	0°	.049	1.24	3.0		UNIV	017-244		017-344	
									Offset		Offset
									Adding Prefix "3" is APC™ II Adhesive System – Example: 3017-231		
									Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5017-231		

Miniature Twin V-Slot Brackets Roth* Prescription One Case Kits				
	Type	Hook	.018 in.	.022 in.
U/L	5 x 5	Cuspid	0	017-134
			Adding Prefix "3" is APC™ II Adhesive System – Example: 3017-120	
			Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5017-120	

Note

3 APC™ II Brackets sold in units of five.	5 APC™ PLUS Brackets sold in units of five.
*Solventum version of this prescription. No endorsement by the Doctor is implied.	Measurements are in millimeters unless otherwise noted.

Miniature Twin V-Slot Metal Brackets
Selection By Standard Edgewise Prescription

Maxillary	Torque	Ang.	In/Out in.	In/Out mm	M/D Width	Hook	L/R	.018 in.	.022 in.
Central	0°	0°	.047	1.19	3.5		UNIV	017-250*	017-350*
Lateral	0°	0°	.045	1.14	3.0		UNIV	017-251*	017-351*
Cuspid/Bi	0°	0°	.045	1.14	3.0		UNIV	017-249	017-349
Mandibular									
Anterior	0°	0°	.045	1.14	2.4		UNIV	017-252	017-352
Cuspid/Bi	0°	0°	.045	1.14	3.0		UNIV	017-249	017-349

*Available Uncoated only.

Note	
3 APC™ II Brackets sold in units of five.	5 APC™ PLUS Brackets sold in units of five.
Measurements are in millimeters unless otherwise noted.	

Victory Series™ Superior Fit Buccal Tubes..... **5.2**

Victory Series™ Buccal Tubes**5.4**

Victory Series™ Molar Bonding Bases..... **5.5**

Victory Series™ First Molar Buccal Tubes..... **5.6**

Victory Series™ Second Molar Buccal Tubes..... **5.13**

Victory Series™ Second Molar Mini Tubes **5.15**

Victory Series™ 2nd Bicuspid Tubes **5.15**

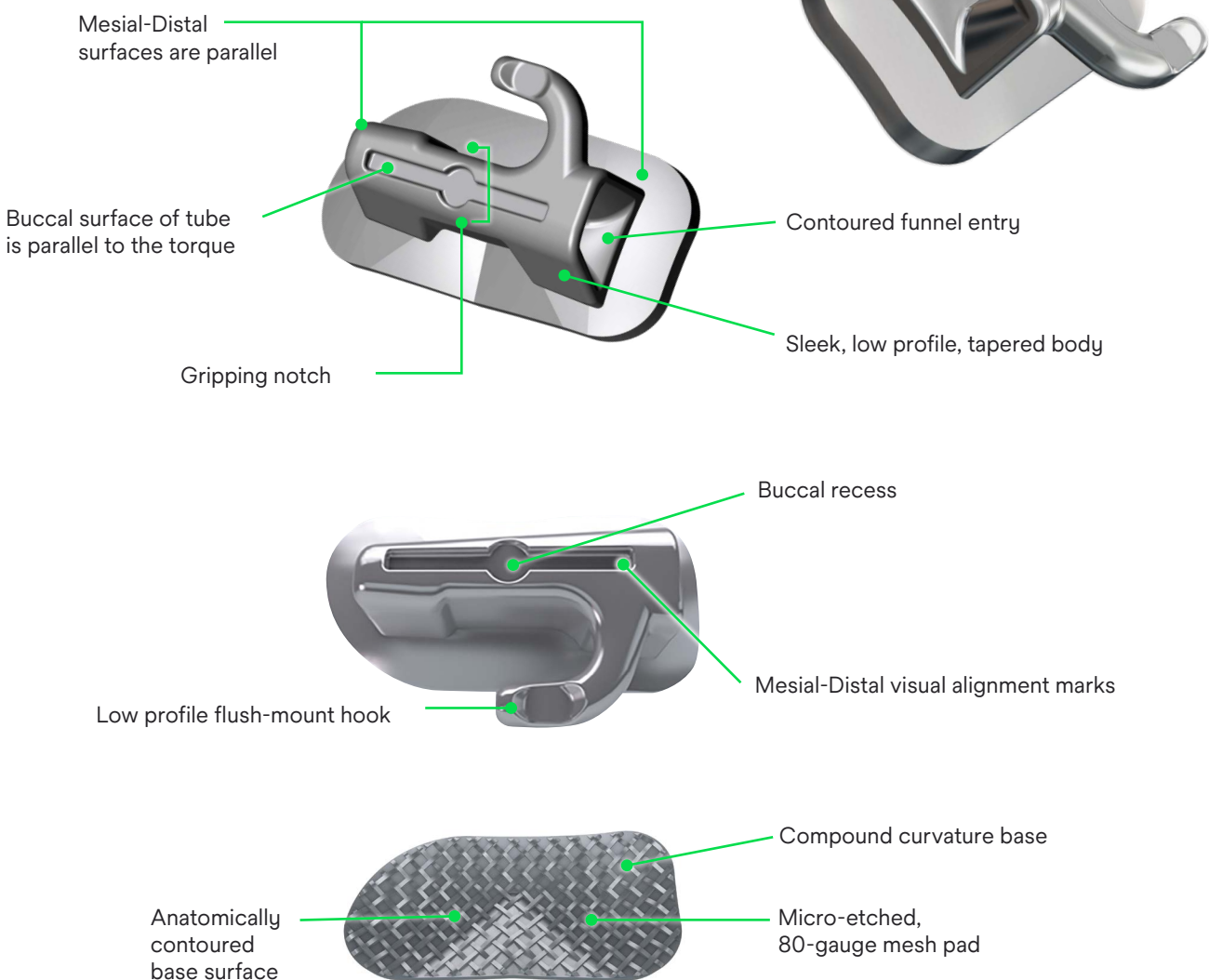
Wire Buccal Tubes..... **5.16**

5.77 Buccal Tubes

Victory Series™ Superior Fit Buccal Tubes

Refer to Section 1
Clarity™ Digital Bonding

Superior fit.
Outstanding comfort
Low profile tubes.



Victory Series Superior Fit Buccal Tubes available with:

APC™ Flash-Free Adhesive

Also available with APC™ II
Adhesive pre-coating.

MBT™ Versatile+ Appliance System

Victory Series™ Superior Fit Buccal Tubes

Designed with extensive user input, Victory Series Superior Fit Buccal Tubes take advantage of modern computer design tools to offer performance enhancements you can both see and feel when you place them.

Well thought-out features improve gripping, handling and visual cues during placement. A large compound-contour base results in improved ease of tube positioning. Inside, Victory Series Superior Fit Buccal Tubes feature an exclusive “contoured funnel” design for easy wire insertion, designed to eliminate sharp corners and edges that contribute to binding and notching of the archwire. A low profile flush-mount hook and sleek tapered body add to patient comfort, and available APC™ Adhesive pre-coating make Victory Series Superior Fit Buccal Tubes an ideal choice.



MBT™ System Prescription

Upper			Tube Length		0.018 in.		0.022 in.	
Tooth	Type	T/O	inches	mm	L	R	L	R
1st Molar	Single Convertible	-14T/10°	.170	4.3	069-5303	069-5314	069-6303	069-6314
1st Molar	Single Non-Convertible	-14T/10°	.187	4.7	069-5103	069-5114	069-6103	069-6114
1st Molar	Double Convertible	-14T/10°	.170	4.3	069-5153	069-5164	069-6153	069-6164
2nd Molar	Single Non-Convertible	-14T/10°	.147	3.7	069-3103	069-3114	069-4103	069-4114
Lower			Tube Length		0.018 in.		0.022 in.	
Tooth	Type	T/O	inches	mm	L	R	L	R
1st Molar	Single Convertible	-20T/0°	.170	4.3	069-5403	069-5414	069-6403	069-6414
1st Molar	Single Non-Convertible	-20T/0°	.187	4.7	069-5203	069-5214	069-6203	069-6214
1st Molar	Double Convertible	-20T/0°	.170	4.3	069-5253	069-5264	069-6253	069-6264
2nd Molar	Single Non-Convertible	-15T/0°	.147	3.7	069-3203	069-3214	069-4203	069-4214
					Adding Prefix “4” is APC™ Flash-Free Adhesive System – Example: 4069-5303			
					Adding Prefix “3” is APC™ II Adhesive System – Example: 3069-5303			

Check with Solventum for availability of APC™ Adhesive Coating.

Roth* Prescription

Upper			Tube Length		0.018 in.		0.022 in.	
Tooth	Type	T/O	inches	mm	L	R	L	R
1st Molar	Single Convertible	-10T/7°	.170	4.3	069-5313	069-5324	069-6313	069-6324
1st Molar	Single Non-Convertible	-10T/7°	.187	4.7	069-5113	069-5124	069-6113	069-6124
1st Molar	Double Convertible	-10T/7°	.170	4.3	069-5163	069-5174	069-6163	069-6174
2nd Molar	Single Non-Convertible	-10T/6°	.147	3.7	069-3113	069-3124	069-4113	069-4124
Lower			Tube Length		0.018 in.		0.022 in.	
Tooth	Type	T/O	inches	mm	L	R	L	R
1st Molar	Single Convertible	-25T/6°	.170	4.3	069-5413	069-5424	069-6413	069-6424
1st Molar	Single Non-Convertible	-25T/6°	.187	4.7	069-5213	069-5224	069-6213	069-6224
1st Molar	Double Convertible	-25T/6°	.170	4.3	069-5263	069-5274	069-6263	069-6274
2nd Molar	Single Non-Convertible	-30T/6°	.147	3.7	069-3213	069-3224	069-4213	069-4224
					Adding Prefix “4” is APC™ Flash-Free Adhesive System – Example: 4069-5113			
					Adding Prefix “3” is APC™ II Adhesive System – Example: 3069-5113			

*Solventum version of this prescription. No endorsement by the Doctor is implied.

Check with Solventum on local availability.

5.79 Buccal Tubes

Victory Series™ Buccal Tubes

Our compact, technically advanced Victory Series Buccal Tubes include a trouble-free integral convertible cap that converts easily and consistently, every time. All you have to do is lift and peel. This exclusive cap also offers solid, one piece construction, eliminating the possibility of braze or solder materials that can leave a residue in the archwire slot.

Victory Series Buccal Tubes are designed with funneled and radiused entries on both the headgear tube and archwire slot, resulting in easy archwire insertion. Smooth, patient-friendly hooks improve comfort for your patients. You'll also appreciate the strong construction, low-profile design and distal notch that secures tie backs. Increasing patient comfort and providing you with a well-designed, reliable and predictable orthodontic solution.



Victory Series™ Molar Bonding Bases

Now you can achieve a stronger, more consistent bond in every case with the Victory Series Molar Bonding Base. Look closely at its profile and you'll see a curved anatomical design for optimal tube-to-tooth fit and a buccal indent that naturally conforms to the surface of the molar, making it easier to correctly position the buccal tube in place.

The micro-etched 80 gauge mesh, along with the buccal indent and the correct anatomical fit, are designed for increased bond strength. The buccal indent assists in more accurate tube positioning; a key advantage that can eliminate time-consuming archwire adjustments. And with the Victory Series Molar Bonding base, you'll never have to worry about having to use tooth separators for band placement.

For added convenience, two different sizes accommodate a wide array of buccal attachments.



Victory Series Molar Bonding Bases available with:

APC™ II Adhesive

Also available with APC™ PLUS
Adhesive pre-coating.

MBT™ Versatile+ Appliance System

5.81 Buccal Tubes

Victory Series™ First Molar Buccal Tubes

Upper Convertible Double Combination



Compatible with:

**Forsus™ Fatigue Resistant
Device EZ2 Module**

Slot Torque		Distal Offset	Headgear	Length	L/R	.018 Slot	.022 Slot
Arch							
0°		0°	.045	3.6 mm	UL	068-841	068-941
0°		0°	.045	3.6 mm	UR	068-842	068-942
0°		0°	.051	3.6 mm	UL	068-843	068-943
0°		0°	.051	3.6 mm	UR	068-844	068-944
0°		7°	.045	4.3 mm	UL	068-801	068-901
0°		7°	.045	4.3 mm	UR	068-802	068-902
0°		7°	.051	4.3 mm	UL	068-803	068-903
0°		7°	.051	4.3 mm	UR	068-804	068-904
0°		7°	.045	3.6 mm	UL	068-875	068-975
0°		7°	.045	3.6 mm	UR	068-874	068-974
-10°		7°	.045	4.3 mm	UL	068-805	068-905
-10°		7°	.045	4.3 mm	UR	068-806	068-906
-10°		7°	.051	4.3 mm	UL	068-807	068-907
-10°		7°	.051	4.3 mm	UR	068-808	068-908
-10°		7°	.045	3.6 mm	UL	068-871	068-971
-10°		7°	.045	3.6 mm	UR	068-870	068-970
-10°		7°	.051	3.6 mm	UL	068-873	068-973
-10°		7°	.051	3.6 mm	UR	068-872	068-972
-10°		14°	.045	4.3 mm	UL	068-809	068-909
-10°		14°	.045	4.3 mm	UR	068-810	068-910
-10°		14°	.051	4.3 mm	UL	068-811	068-911
-10°		14°	.051	4.3 mm	UR	068-812	068-912
-10°		14°	.045	3.6 mm	UL	068-879	068-979
-10°		14°	.045	3.6 mm	UR	068-878	068-978

Upper Convertible Double Combination - MBT™ Versatile+ Appliance System



Compatible with:

**Forsus™ Fatigue Resistant
Device EZ2 Module**

Slot Torque		Distal Offset	Headgear	Length	L/R	.018 Slot	.022 Slot	MBT™ MBT™ MBT™ MBT™
Arch								
-14°		10°	.045	4.6 mm	UL	068-893	068-993	
-14°		10°	.045	4.6 mm	UR	068-894	068-994	
-14°		10°	.051	4.6 mm	UL	068-895	068-995	
-14°		10°	.051	4.6 mm	UR	068-896	068-996	

Victory Series™ First Molar Buccal Tubes

Upper Convertible Double Combination With Gingival Headgear Tube



Slot Torque		Distal Offset	Headgear	Length	L/R	.018 Slot	.022 Slot
Arch							
-10°		7°	.045	4.3 mm	UL	068-821	068-921
-10°		7°	.045	4.3 mm	UR	068-822	068-922
-14°		10°	.045	4.3 mm	UL	068-885	068-985
-14°		10°	.045	4.3 mm	UR	068-886	068-986
-14°		10°	.051	4.3 mm	UL	068-887	068-987
-14°		10°	.051	4.3 mm	UR	068-888	068-988

MBT™
MBT™
MBT™
MBT™

Upper Convertible Double



Slot Torque		Distal Offset	Length	L/R	.018 Slot	-	.022 Slot	-
Arch	Aux							
0°	0°	0°	3.6 mm	UL	068-849	1	068-949	1
0°	0°	0°	3.6 mm	UR	068-850	2	068-950	2
-10°	0°	7°	3.6 mm	UL	068-851	1	068-951	1
-10°	0°	7°	3.6 mm	UR	068-852	2	068-952	2

Base

Base

Adding Prefix "3" is APC™ II Adhesive System – Example: 3068-849

Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5068-849

Upper Convertible Double

Differentiated Slot



Slot Torque		Distal Offset	Main	Aux	Length	L/R	.018 Slot	.022 Slot
Arch	Aux							
0°	0°	0°	.022	.018	3.6 mm	UL/LR	-	068-953
0°	0°	0°	.022	.018	3.6 mm	UR/LL	-	068-954

Note

3 Use this prefix to order APC™ II Adhesive Coated Appliance System.

5 Use this prefix to order APC™ PLUS Adhesive Coated Appliance System with color change adhesive.

APC™ II Buccal Tubes sold in units of five. APC™ PLUS Buccal Tubes sold in units of four. Non-Coated Buccal Tubes sold individually.

Measurements are in millimeters unless otherwise noted.

1 2 3 4 Buccal Tube is available with a bondable base.

5.83 Buccal Tubes

Victory Series™ First Molar Buccal Tubes

Upper Convertible Triple Combination -
Occlusal Headgear

Compatible with:

**Forsus™ Fatigue Resistant
Device EZ2 Module**



Slot Torque		Distal Offset	Headgear	Length	L/R	.018 Slot	.022 Slot	
Arch	Aux							
0°	0°	0°	.045	3.6 mm	UL	068-845	068-945	
0°	0°	0°	.045	3.6 mm	UR	068-846	068-946	
0°	0°	0°	.051	3.6 mm	UL	068-847	068-947	
0°	0°	0°	.051	3.6 mm	UR	068-848	068-948	
0°	0°	15°	.045	4.0 mm	UL	068-825	-	
0°	0°	15°	.045	4.0 mm	UR	068-826	-	
-10°	0°	7°	.045	3.6 mm	UL	068-813	068-913	
-10°	0°	7°	.045	3.6 mm	UR	068-814	068-914	
-10°	0°	7°	.051	3.6 mm	UL	068-815	068-915	
-10°	0°	7°	.051	3.6 mm	UR	068-816	068-916	
-10°	0°	14°	.045	3.6 mm	UL	068-817	068-917	
-10°	0°	14°	.045	3.6 mm	UR	068-818	068-918	
-10°	0°	14°	.051	3.6 mm	UL	068-819	068-919	
-10°	0°	14°	.051	3.6 mm	UR	068-820	068-920	
-14°	0°	10°	.045	4.3 mm	UL	068-889	068-989	MBT™
-14°	0°	10°	.045	4.3 mm	UR	068-890	068-990	MBT™
-14°	0°	10°	.051	4.3 mm	UL	068-891	068-991	MBT™
-14°	0°	10°	.051	4.3 mm	UR	068-892	068-992	MBT™

Upper Convertible Triple Combination
Differentiated Slot

Compatible with:

**Forsus™ Fatigue Resistant
Device EZ2 Module**



Slot Torque		Distal Offset	Headgear	Main	Aux	Length	L/R	.018 Slot	.022 Slot
Arch	Aux								
-10°	0°	14°	.045	.018	.022				
-10°	0°	14°	.045	.018	.022	3.6 mm	UR	068-854	-
-10°	0°	7°	.045	.022	.018	3.6 mm	UL	-	068-959
-10°	0°	7°	.045	.022	.018	3.6 mm	UR	-	068-960
0°	0°	0°	.045	.022	.018	3.6 mm	UL	-	068-957
0°	0°	0°	.045	.022	.018	3.6 mm	UR	-	068-958

Victory Series™ First Molar Buccal Tubes

Upper Convertible Single



Slot Torque		Distal Offset	Length	L/R	.018 Slot		.022 Slot	
Arch								
0°	0°		3.6 mm	UL	067-808	1 -	067-908	1 -
0°	0°		3.6 mm	UR	067-807	2 -	067-907	2 -
0°	6°		3.6 mm	UL	067-810	1 -	067-910	1 -
0°	6°		3.6 mm	UR	067-809	2 -	067-909	2 -
-10°	7°		4.3 mm	UL	068-823	1 8	068-923	1 8
-10°	7°		4.3 mm	UR	068-824	2 8	068-924	2 8

Upper Convertible Single - MBT™ Versatile+ Appliance System



Slot Torque		Distal Offset	Length	L/R	.018 Slot		.022 Slot	
Arch								
-14°	10°		4.0 mm	UL	068-897	1 8	068-997	1 8
-14°	10°		4.0 mm	UR	068-898	2 8	068-998	2 8

Adding Prefix "3" is APC™ II Adhesive System – Example: 3067-808

Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5067-808

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Upper 1ST Non-Convertible Single - Funneled



Slot Torque		Distal Offset	Length	L/R	.018 Slot		.022 Slot	
Arch								
-14°	10°		4.6 mm	UL	067-879	1 8	067-979	1 8
-14°	10°		4.6 mm	UR	067-878	2 8	067-978	2 8

Adding Prefix "3" is APC™ II Adhesive System – Example: 3068-897

Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5068-897

MBT™
MBT™

Note

3 Use this prefix to order APC™ II Adhesive Coated Appliance System.	5 Use this prefix to order APC™ PLUS Adhesive Coated Appliance System with color change adhesive.
APC™ II Buccal Tubes sold in units of five. APC™ PLUS Buccal Tubes sold in units of four. Non-Coated Buccal Tubes sold individually.	Measurements are in millimeters unless otherwise noted.
1 2 3 4 Buccal Tube is available with a bondable base.	8 Use this prefix to order the large contoured Jumbo Base.

5.85 Buccal Tubes

Victory Series™ First Molar Buccal Tubes

Upper Non-Convertible Double Combination



Slot Torque		Headgear	Length	L/R	.018 Slot	.022 Slot
Arch	Distal Offset					
0°	0°	.045	5.1 mm	UL	068-861	068-961
0°	0°	.045	5.1 mm	UR	068-862	068-962
0°	0°	.051	5.1 mm	UL	068-863	068-963
0°	0°	.051	5.1 mm	UR	068-864	068-964
0°	6°	.045	5.1 mm	UL	-	068-965
0°	6°	.045	5.1 mm	UR	-	068-966
0°	6°	.051	5.1 mm	UL	068-867	068-967
0°	6°	.051	5.1 mm	UR	068-868	068-968

Upper Non-Convertible Triple Combination



Compatible with:

**Forsus™ Fatigue Resistant
Device EZ2 Module**

Slot Torque		Distal Offset	Headgear	Hook	Length	L/R	.018 Slot	.022 Slot	
Arch	Aux								
0°	0°	0°	.045	CTR	4.3 mm	UNIV	068-882	068-982	*
0°	0°	0°	.051	CTR	4.3 mm	UNIV	068-883	068-983	*
0°	0°	0°	.045	MES	4.3 mm	UL	068-601	-	**
0°	0°	0°	.045	MES	4.3 mm	UR	068-602	-	**

Lower Convertible Single



Slot Torque		Length	L/R	.018 Slot	-	.022 Slot	-
Arch	Distal Offset						
0°	0°	3.6 mm	LL	067-807	3	067-907	3
0°	0°	3.6 mm	LR	067-808	4	067-908	4
0°	6°	3.6 mm	LL	067-809	3	067-909	3
0°	6°	3.6 mm	LR	067-810	4	067-910	4
-10°	0°	4.3 mm	LR	067-813	4	067-913	4
-10°	0°	4.3 mm	LL	067-814	3	067-914	3
-25°	6°	3.6 mm	LL	067-851	3	067-951	3
-25°	6°	3.6 mm	LR	067-850	4	067-950	4
-25°	6°	4.3 mm	LL	067-801	3	067-901	3
-25°	6°	4.3 mm	LR	067-802	4	067-902	4
-20°	0°	4.3 mm	LL	067-819	3 8	067-919	3 8
-20°	0°	4.3 mm	LR	067-820	4 8	067-920	4 8
-25°	0°	4.3 mm	LL	067-817	3	067-917	3
-25°	0°	4.3 mm	LR	067-818	4	067-918	4

MBT™

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Base
Jumbo Base

Base
Jumbo Base

Adding Prefix "3" is APC™ II Adhesive System – Example: 3067-807

Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5067-807

Victory Series™ First Molar Buccal Tubes

Lower 1ST Convertible Single Low Profile



Slot Torque		Length	L/R	.018 Slot		.022 Slot		
Arch	Distal Offset				- -		- -	
-20°	0°	4.3 mm	LL	067-520	3 8	067-620	3 8	MBT™
-20°	0°	4.3 mm	LR	067-521	4 8	067-621	4 8	MBT™

Base
Jumbo Base

Base
Jumbo Base

Lower 1ST Non-Convertible Single - Funneled



Slot Torque		Length	L/R	.018 Slot		.022 Slot		
Arch	Distal Offset				- -		- -	
-20°	0°	4.6 mm	LL	067-877	3 8	067-977	3 8	MBT™
-20°	0°	4.6 mm	LR	067-876	4 8	067-976	4 8	MBT™

Base
Jumbo Base

Base
Jumbo Base

Lower Non-Convertible Single



Slot Torque		Length	L/R	.018 Slot		.022 Slot		
Arch	Distal Offset				-		-	
-20°	0°	4.3 mm	LL	067-867	3	067-967	3	MBT™
-20°	0°	4.3 mm	LR	067-868	4	067-968	4	MBT™

Base

Base

Lower Convertible Double



Slot Torque		Distal Offset	Length	L/R	.018 Slot		.022 Slot		
Arch	Aux					-		-	
0°	0°	0°	3.6 mm	LL	068-850	3	068-950	3	MBT™
0°	0°	0°	3.6 mm	LR	068-849	4	068-949	4	
-25°	0°	7°	3.6 mm	LL	067-803	3	067-903	3	
-25°	0°	7°	3.6 mm	LR	067-804	4	067-904	4	
-20°	0°	0°	4.3 mm	LL	067-861	3	067-961	3	
-20°	0°	0°	4.3 mm	LR	067-860	4	067-960	4	

Base

Base

Note

3 Use this prefix to order APC™ II Adhesive Coated Appliance System.	5 Use this prefix to order APC™ PLUS Adhesive Coated Appliance System with color change adhesive.
APC™ II Buccal Tubes sold in units of five. APC™ PLUS Buccal Tubes sold in units of four. Non-Coated Buccal Tubes sold individually.	Measurements are in millimeters unless otherwise noted.
1 2 3 4 Buccal Tube is available with a bondable base.	8 Use this prefix to order the large contoured Jumbo Base.

Adding Prefix "3" is APC™ II Adhesive System - Example: 3068-850

Adding Prefix "5" is APC™ PLUS Adhesive System - Example: 5068-850

5.87 Buccal Tubes

Victory Series™ First Molar Buccal Tubes

Lower Convertible Double

Differentiated Slot

Slot Torque		Distal Offset	Main	Aux	Length	L/R	.018 Slot	.022 Slot
Arch	Aux							
-25°	0°	7°	.022	.018	3.6 mm	LL	-	067-955
-25°	0°	7°	.022	.018	3.6 mm	LR	-	067-956

Lower Lip Bumper Convertible Double



Slot Torque		Distal Offset	Lip Bumper	Length	L/R	.018 Slot	.022 Slot
Arch							
-25°		5°	.045	4.3 mm	LL	061-251	061-351
-25°		5°	.045	4.3 mm	LR	061-252	061-352

Lower Lip Bumper Convertible Triple



Slot Torque		Distal Offset	Lip Bumper	Length	L/R	.018 Slot	.022 Slot
Arch	Aux						
-25°	0°	5°	.045	4.3 mm	LL	067-811	067-911
-25°	0°	5°	.045	4.3 mm	LR	067-812	067-912

Upper/Lower Non-Convertible Double



Slot Torque		Distal Offset	Length	L/R	.018 Slot	.022 Slot
Arch	Aux					
0°	0	0°	4.3 mm	UNIV	067-843	067-943

Victory Series™ Second Molar Buccal Tubes

Upper Second Non-Convertible Single - Funneled



Slot Torque Arch	Distal Offset	Length	L/R	.018 Slot	-	.022 Slot	-	
-19°	8°	3.9 mm	UL	067-873	1	067-973	1	MBT™/Sondhi MBT™/Sondhi
-19°	8°	3.9 mm	UR	067-872	2	067-972	2	
					Base		Base	
Adding Prefix "3" is APC™ II Adhesive System – Example: 3067-873								
Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5067-873								

Upper Second Non-Convertible Single with Distal Notch



Slot Torque Arch	Distal Offset	Length	L/R	.018 Slot	-	.022 Slot	-	
-10°	6°	3.6 mm	UL	067-829	1	067-929	1	MBT™ MBT™
-10°	6°	3.6 mm	UR	067-830	2	067-930	2	
-10°	10°	3.6 mm	UL	067-831	1	067-931	1	
-10°	10°	3.6 mm	UR	067-832	2	067-932	2	
-14°	10°	4.3 mm	UL	067-857	1	067-957	1	
-14°	10°	4.3 mm	UR	067-858	2	067-958	2	
					Base		Base	
Adding Prefix "3" is APC™ II Adhesive System – Example: 3067-829								
Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5067-829								

Upper/Lower Second Non-Convertible Single with Distal Notch

Slot Torque Arch	Distal Offset	Length	L/R	.018 Slot	-	.022 Slot	-
0°	0°	3.6 mm	UL	067-825	1	067-925	1
0°	0°	3.6 mm	UR	067-826	2	067-926	2
0°	0°	3.6 mm	LL	067-826	3	067-926	3
0°	0°	3.6 mm	LR	067-825	4	067-925	4
0°	6°	3.6 mm	UL	067-827	1	067-927	1
0°	6°	3.6 mm	UR	067-828	2	067-928	2
0°	6°	3.6 mm	LL	067-828	3	067-928	3
0°	6°	3.6 mm	LR	067-827	4	067-927	4
					Base		Base
				Adding Prefix "3" is APC™ II Adhesive System – Example: 3067-825			
				Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5067-825			

Note

3 Use this prefix to order APC™ II Adhesive Coated Appliance System.	5 Use this prefix to order APC™ PLUS Adhesive Coated Appliance System with color change adhesive.
APC™ II Buccal Tubes sold in units of five. APC™ PLUS Buccal Tubes sold in units of four. Non-Coated Buccal Tubes sold individually.	Measurements are in millimeters unless otherwise noted.
1 2 3 4	Buccal Tube is available with a bondable base.

5.89 Buccal Tubes

Victory Series™ Second Molar Buccal Tubes



Lower Second Non-Convertible Single - Funneled

Slot Torque	Arch	Distal Offset	Length	L/R	.018 Slot	-	.022 Slot	-	
	-10°	0°	3.6 mm	LL	067-536	3	067-636	3	MBT™ MBT™
	-10°	0°	3.6 mm	LR	067-537	4	067-637	4	
	-25°	6°	3.6 mm	LL	067-538	3	067-638	3	
	-25°	6°	3.6 mm	LR	067-539	4	067-639	4	
						Base		Base	
Adding Prefix "3" is APC™ II Adhesive System – Example: 3067-536									
Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5067-536									

Lower Second Non-Convertible Single with Distal Notch and Hook

Slot Torque	Arch	Distal Offset	Length	L/R	.018 Slot	.022 Slot
	0°	0°	5.1 mm	UL/LR	067-844	067-944
	0°	0°	5.1 mm	UR/LL	067-845	067-945
	0°	6°	5.1 mm	UL/LR	067-846	067-946
	0°	6°	5.1 mm	UR/LL	067-847	067-947

Lower Second Non-Convertible Single with Distal Notch

Slot Torque	Arch	Distal Offset	Length	L/R	.018 Slot	-	.022 Slot	-	
	-10°	0°	4.3 mm	LL	067-816	3	067-916	3	MBT™ MBT™
	-10°	0°	4.3 mm	LR	067-815	4	067-915	4	
	-25°	6°	3.6 mm	LL	067-837	3	067-937	3	
	-25°	6°	3.6 mm	LR	067-838	4	067-938	4	
	-25°	10°	3.6 mm	LL	067-839	3	067-939	3	
	-25°	10°	3.6 mm	LR	067-840	4	067-940	4	
	-30°	6°	3.6 mm	LL	067-835	3	067-935	3	
	-30°	6°	3.6 mm	LR	067-836	4	067-936	4	
						Base		Base	
Adding Prefix "3" is APC™ II Adhesive System – Example: 3067-816									
Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5067-816									

Note

3 Use this prefix to order APC™ II Adhesive Coated Appliance System.

5 Use this prefix to order APC™ PLUS Adhesive Coated Appliance System with color change adhesive.

APC™ II Buccal Tubes sold in units of five. APC™ PLUS Buccal Tubes sold in units of four. Non-Coated Buccal Tubes sold individually.

Measurements are in millimeters unless otherwise noted.

1 2 3 4 Buccal Tube is available with a bondable base.

Victory Series™ Second Molar Mini Tubes

Victory Series™ 2nd Bicuspid Tubes

Buccal Tubes For Partially Erupted Second Molars

Upper Victory Series™ Mini Tube



Slot Torque	Distal Offset	Length	L/R	.018 Slot	.022 Slot
Arch					
0°	0°	2.5 mm	UR	066-4092	066-5092
0°	0°	2.5 mm	UL	066-4101	066-5101
-10°	0°	2.5 mm	UR	066-4112	066-5112
-10°	0°	2.5 mm	UL	066-4121	066-5121
-14°	0°	2.5 mm	UR	066-4082	066-5082
-14°	0°	2.5 mm	UL	066-4071	066-5071

MBT™
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Adding Prefix "3" is APC™ II Adhesive System – Example: 3066-4092

Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5066-4092

Lower Victory Series™ Mini Tube

Slot Torque	Distal Offset	Length	L/R	.018 Slot	.022 Slot
Arch					
0°	0°	2.5 mm	LR	066-4024	066-5024
0°	0°	2.5 mm	LL	066-4013	066-5013
-10°	0°	2.5 mm	LR	066-4044	066-5044
-10°	0°	2.5 mm	LL	066-4033	066-5033
-25°	0°	2.5 mm	LR	066-4064	066-5064
-25°	0°	2.5 mm	LL	066-4053	066-5053

MBT™
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Adding Prefix "3" is APC™ II Adhesive System – Example: 3066-4092

Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5066-4024

These tubes are direct bond only, not available welded to bands.



Victory Series 2nd Bicuspid Tubes

058-801	0	Lower Left 2nd Bicuspid Tube .018 Slot	(-17° torque, 2° angulation)
058-802	0	Lower Right 2nd Bicuspid Tube .018 Slot	(-17° torque, 2° angulation)
058-803	0	Upper Left / Right 2nd Bicuspid Tube .018 Slot	(-7° torque, 0° angulation)
058-901	0	Lower Left 2nd Bicuspid Tube .022 Slot	(-17° torque, 2° angulation)
058-902	0	Lower Right 2nd Bicuspid Tube .022 Slot	(-17° torque, 2° angulation)
058-903	0	Upper Left / Right 2nd Bicuspid Tube .022 Slot	(-7° torque, 0° angulation)

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Offset Base

Adding Prefix "3" is APC™ II Adhesive System – Example: 3058-801

Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5058-801

Note

3 Use this prefix to order APC™ II Adhesive Coated Appliance System.

5 Use this prefix to order APC™ PLUS Adhesive Coated Appliance System with color change adhesive.

APC™ II Buccal Tubes sold in units of five. APC™ PLUS Buccal Tubes sold in units of four. Non-Coated Buccal Tubes sold individually.

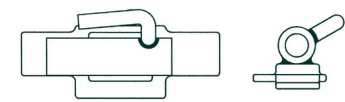
Measurements are in millimeters unless otherwise noted.

1 2 3 4 Buccal Tube is available with a bondable base.

5.91 Buccal Tubes

Wire Buccal Tubes

Upper/Lower First Molars



Distal Offset	Light Wire Tube I.D.	Headgear I.D.	Headgear Length	Light Wire Length	L/R	Order Number
0°	.036			4.5 mm	UL/LR	046-114
					LL/UR	046-115

All Light Wire Buccal Tubes have hooks unless specified.

Victory Series™ First Molar Bands 6.2

Victory Series™ Second Molar Bands..... 6.6

General Purpose Molar Bands 6.10

Pedodontic Molar Bands 6.11

Proportioned Bicuspid Bands..... 6.12

General Purpose Bicuspid Bands..... 6.14

Contoured Bicuspid Bands..... 6.16

Lingual Sheaths 6.17

Lingual Attachments 6.18

Modular Band/Bond Kit Organizers 6.19

RxWeld Service 6.20

Torqued Attachments..... 6.21

Light Wire Attachments 6.22

Standard Edgewise Welding Reference 6.22

Lingual Molar Attachments..... 6.23

6.2 Bands and Attachments

Victory Series™ Narrow Contoured

First Molar Bands



Maxillary – Victory Series Narrow Contoured Molar Bands

- Permanent laser ID marking
- Straight interproximal walls for reduced separation
- Reduced gingival/occlusal dimensions for less occlusal and gingival interferences
- Micro-etched inner surface for increased retention
- Curved festooned occlusal interproximal
- Increased occlusal “edge” strength for reduced deformation



Mandibular – Victory Series
Narrow Contoured Molar Bands

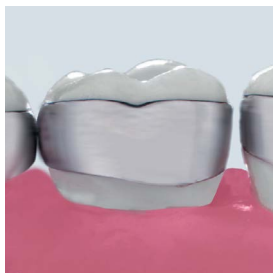
Victory Series™ Narrow Contoured First Molar Bands

Kit		Trial	Introduction	Professional	Master
Micro-etched					
Narrow	Upper	901-408	901-401	901-404	901-406
Narrow	Lower	901-308	901-301	901-304	901-306
Average Cases Per Kit		3 to 5	10 to 15	40 to 50	90 to 100

		maxillary or mandibular			
Kit		Trial	Introduction	Professional	Master
Regular Size					
31		-	2	3	6
31+		-	2	3	6
32		-	2	4	8
32+		-	2	5	10
33		2	3	6	12
33+		2	3	7	14
34		2	4	8	16
34+		3	4	9	19
35		3	5	10	21
35+		4	5	11	23
36		4	5	11	23
36+		4	5	11	23
37		3	5	10	21
37+		3	5	10	20
38		2	4	9	18
38+		2	4	7	14
39		2	3	6	12
39+		1	2	5	10
40		1	2	3	6
40+		-	1	3	6
41		-	1	3	6
41+		-	1	1	1
42		-	1	1	1
42+		-	1	1	1
43		-	1	1	1
43+		-	1	1	1
44		-	1	1	1
Quadrant Total		38	75	150	300
Kit Total		76	150	300	600

6.4 Bands and Attachments

Victory Series™ Standard Contoured First Molar Bands



Maxillary – Victory Series

Standard Contoured Molar Bands

- Individual bands available in regular and hard temper. Kits available in regular temper only.
- Permanent laser ID marking
- Micro-etched inner surface for increased retention
- Completely proportioned sizing
- Straight interproximal walls for reduced separation
- Increased occlusal “edge” strength for reduced deformation



Mandibular – Victory Series Standard Contoured Molar Bands

Victory Series™ Standard Contoured

First Molar Bands

Kit		Trial	Introduction	Professional	Master
Micro-etched					
Standard - Regular	Upper	951-408	951-401	951-404	951-406
Standard - Regular	Lower	951-308	951-301	951-304	951-306
Average Cases Per Kit		3 to 5	10 to 15	40 to 50	90 to 100

		maxillary or mandibular			
Kit		Trial	Introduction	Professional	Master
Hard Size	Regular Size				
131	31	-	2	3	6
131+	31+	-	2	3	6
132	32	-	2	4	8
132+	32+	-	2	5	10
133	33	2	3	6	12
133+	33+	2	3	7	14
134	34	2	4	8	16
134+	34+	3	4	9	19
135	35	3	5	10	21
135+	35+	4	5	11	23
136	36	4	5	11	23
136+	36+	4	5	11	23
137	37	3	5	10	21
137+	37+	3	5	10	20
138	38	2	4	9	18
138+	38+	2	4	7	14
139	39	2	3	6	12
139+	39+	1	2	5	10
140	40	1	2	3	6
140+	40+	-	1	3	6
141	41	-	1	3	6
141+	41+	-	1	1	1
142	42	-	1	1	1
142+	42+	-	1	1	1
143	43	-	1	1	1
143+	43+	-	1	1	1
144	44	-	1	1	1
Quadrant Total		38	75	150	300
Kit Total		76	150	300	600

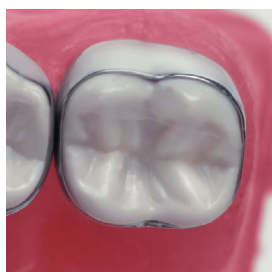
6.6 Bands and Attachments

Victory Series™ Narrow Contoured Second Molar Bands



Maxillary – Victory Series Narrow Contoured Second Molar Bands

- Permanent laser ID marking
- Straight interproximal walls for reduced separation
- Reduced gingival/occlusal dimensions for less occlusal and gingival interferences
- Micro-etched inner surface for increased retention
- Curved festooned occlusal interproximal
- Increased occlusal “edge” strength for reduced deformation



Mandibular – Victory Series
Narrow Contoured Second Molar Bands



Victory Series™ Narrow Contoured Second Molar Bands

		Kit	Trial	Introduction	Professional
Micro-etched					
Narrow	Upper		906-208	906-201	906-204
Narrow	Lower		906-108	906-101	906-104
Average Cases Per Kit			3 to 5	10 to 15	40 to 50

		maxillary or mandibular		
	Kit	Trial	Introduction	Professional
Regular Size				
28		-	2	4
28+		-	2	4
29		-	2	4
29+		-	2	4
30		-	2	4
30+		-	2	4
31		-	2	5
31+		-	3	5
32		2	3	6
32+		2	3	6
33		2	3	7
33+		3	4	8
34		3	4	8
34+		4	4	9
35		4	4	9
35+		4	4	8
36		3	4	8
36+		3	4	7
37		2	3	7
37+		2	3	6
38		2	3	5
38+		1	2	5
39		1	2	4
39+		-	2	4
40		-	2	3
40+		-	2	3
41		-	2	3
Quadrant Total		38	75	150
Kit Total		76	150	300

6.8 Bands and Attachments

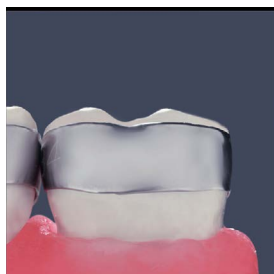
Victory Series™ Standard Contoured Second Molar Bands



Maxillary – Victory Series
Standard Contoured Second Molar Bands



- Individual bands available in regular and hard temper. Kits available in regular temper only.
- Permanent laser ID marking
- Micro-etched inner surface for increased retention
- Completely proportioned sizing
- Straight interproximal walls for reduced separation
- Increased occlusal “edge” strength for reduced deformation



Mandibular – Victory Series Standard Contoured Second Molar Bands

Victory Series™ Standard Contoured Second Molar Bands

Kit		Trial	Introduction
Micro-etched Standard - Regular	Upper	956-208	956-201
	Lower	956-108	956-101
Average Cases Per Kit		3 to 5	10 to 15

		maxillary or mandibular	
	Kit	Trial	Introduction
Hard Size	Regular Size		
128	28	-	2
128+	28+	-	2
129	29	-	2
129+	29+	-	2
130	30	-	2
130+	30+	-	2
131	31	-	3
131+	31+	-	3
132	32	2	3
132+	32+	2	3
133	33	2	3
133+	33+	3	4
134	34	3	4
134+	34+	4	4
135	35	4	4
135+	35+	4	4
136	36	3	4
136+	36+	3	4
137	37	2	3
137+	37+	2	3
138	38	2	3
138+	38+	1	2
139	39	1	2
139+	39+	-	2
140	40	-	2
140+	40+	-	2
141	41	-	2
Quadrant Total		38	75
Kit Total		76	150

6.10 Bands and Attachments

General Purpose Molar Bands

- Universal anatomy fits rights and lefts with minor burnishing
- Permanent laser ID
- Individual wide bands available in hard temper. Kits available in regular temper only.
- Available in narrow or wide



Kit		Introduction
Non - etched		
Regular	U/L	
	Narrow	
	Wide	
Average Cases Per Kit		161-101
		164-201
		10 to 15

Kit		Introduction
Hard Size	Regular Size	
128	28	2
128+	28+	2
129	29	2
129+	29+	2
130	30	2
130+	30+	2
131	31	2
131+	31+	4
132	32	4
132+	32+	6
133	33	6
133+	33+	8
134	34	8
134+	34+	10
135	35	12
135+	35+	12
136	36	12
136+	36+	12
137	37	10
137+	37+	8
138	38	6
138+	38+	4
139	39	2
139+	39+	2
140	40	2
140+	40+	2
141	41	2
141+	41+	2
142	42	2
Quadrant Total		150
Kit Total		300

Pedodontic Molar Bands

- Available prewelded with Victory Series™ Buccal Tubes
- Universal anatomy fits rights and lefts
- Regular temper
- Narrow occlusal-gingival height fits primary molars
- Same anatomy (but smaller size range) as Narrow General Purpose Molar Bands



Kit		Trial	Introduction	Spectrum
Regular	U/L	-	-	162-100
Regular	Upper	162-107	162-108	-
Regular	Lower	162-207	162-208	-

Kit	Trial		Introduction		Spectrum	
	Upper	Lower	Upper	Lower	Upper	Lower
Regular Size						
25	-	6	-	10	-	2
26	-	6	-	10	-	2
27	-	6	-	10	-	2
28	6	4	10	10	2	2
28+	6	4	10	10	-	-
29	4	4	10	10	2	2
29+	4	2	10	8	-	-
30	4	2	10	6	2	2
30+	4	2	10	4	-	-
31	4	2	8	4	2	2
31+	4	2	8	4	-	-
32	4	2	6	4	2	2
32+	4	2	6	4	-	-
33	2	2	4	2	2	2
33+	2	2	4	2	-	-
34	2	2	4	2	2	2
34+	-	-	-	-	4	4
35	-	-	-	-	4	4
35+	-	-	-	-	4	4
36	-	-	-	-	4	4
36+	-	-	-	-	4	4
37	-	-	-	-	4	4
37+	-	-	-	-	4	4
38	-	-	-	-	2	2
38+	-	-	-	-	-	-
39	-	-	-	-	2	2
39+	-	-	-	-	-	-
40	-	-	-	-	2	-
Kit Total	50	50	100	100	48	52

6.12 Bands and Attachments

Proportioned Bicuspid Bands



- Broad buccal coverage for superior retention
- Anatomy snaps into place over height of contour when seated
- Slight occlusal and gingival edge enhances cement retention
- Permanent laser ID
- Shown with lingual seating lug (REF 55264) attached – available on special order

	Kit	Trial	Introduction	Master
Upper		147-401	147-402	147-404
Average Cases Per Kit		3 to 5	10 to 15	90 to 100

		maxillary		
	Kit	Trial	Introduction	Master
Size				
1		2	2	4
2		2	2	4
3		2	2	4
4		2	2	6
5		2	2	10
6		2	4	10
7		2	4	12
8		2	4	12
9		2	4	20
10		2	4	30
11		2	6	30
12		4	6	50
13		4	6	50
14		4	10	50
15		4	10	50
16		4	10	50
17		4	10	30
18		4	10	30
19		4	6	20
20		2	6	20
21		2	6	20
22		2	6	20
23		2	6	20
24		2	4	10
25		2	4	8
26		2	4	8
27		2	4	8
28		2	2	6
29		2	2	4
30		2	2	4
Kit Total		76	150	600

Proportioned Bicuspid Bands

- Fully proportioned in all dimensions and contour, from one band size to the next
- Universal anatomy fits rights and lefts
- Kits may be split left/right for angulated brackets
- Regular temper
- Permanent laser ID

Kit	Trial	Introduction	Master
Lower	147-301	147-302	147-304
Average Cases Per Kit	3 to 5	10 to 15	90 to 100

mandibular			
Kit	Trial	Introduction	Master
Size			
1	2	2	2
2	2	2	2
3	2	2	2
4	2	2	2
5	2	2	2
6	2	2	2
7	2	2	6
8	2	2	6
9	2	2	6
10	2	2	8
11	2	2	8
12	2	4	20
13	2	4	22
14	2	6	34
15	2	6	34
16	2	8	48
17	2	8	48
18	2	10	48
19	2	10	48
20	2	10	48
21	2	8	48
22	2	8	30
23	2	6	30
24	2	6	30
25	2	4	12
26	2	4	12
27	2	4	12
28	2	2	4
29	2	2	4
30	2	2	4
31	2	2	4
32	2	2	2
33	2	2	2
34	2	2	2
35	2	2	2
36	2	2	2
37	2	2	2
38	2	2	2
Kit Total	76	150	600

6.14 Bands and Attachments

General Purpose Bicuspid Bands

- Designed for practitioners who prefer a wedge fit
- Choice of wide or narrow bands in the occlusal-gingival dimension
- Universal anatomy fits rights and lefts
- Kits may be split left/right for angulated brackets
- Regular temper
- Permanent laser ID



Wide



Narrow

- Firm “wedge” fit for adaptability to widely varying bicuspid shapes
- Occlusal-gingival height of the narrow bands are .5 mm less than the wide bands
- Slight occlusal-gingival roll enhances cement retention

Note: Photos in this section may show laser ID or ink ID. Refer to product description for actual ID type.

General Purpose Bicuspid Bands

Kit		Introduction
Wide	Upper	143-402
	Lower	143-302
Narrow	Upper	143-113
	Lower	143-213
Average Cases Per Kit		10 to 15

maxillary wide and narrow

Kit	Introduction
Size	
00	2
00+	2
0	2
0+	2
1	2
1+	2
2	2
2+	2
3	2
3+	4
4	4
4+	6
5	8
5+	8
6	8
6+	10
7	10
7+	10
8	10
8+	10
9	8
9+	6
10	6
10+	4
11	4
11+	2
12	2
12+	2
13	2
13+	2
14	2
14+	2
15	2
Kit Total	150

mandibular wide and narrow

Kit	Introduction
Size	
0	2
0+	2
1	2
1+	2
2	2
2+	2
3	2
3+	2
4	2
4+	2
5	2
5+	4
6	4
6+	4
7	4
7+	6
8	6
8+	6
9	6
9+	6
10	8
10+	8
11	6
11+	6
12	6
12+	6
13	6
13+	4
14	4
14+	4
15	4
15+	2
16	2
16+	2
17	2
17+	2
18	2
18+	2
19	2
19+	2
20	2
Kit Total	150

6.16 Bands and Attachments

Contoured Bicuspid Bands



- Anatomy similar to proportioned bicuspid bands without half sizes
- Universal anatomy fits rights and lefts
- Kits may be split left/right for angulated brackets
- Regular temper
- Permanent laser ID
- Shown with lingual seating lug (REF 55264) attached – available on special order

Kit	Trial	Introduction	Professional
Upper	147-408	147-405	147-406
Lower	147-308	147-305	-
Average Cases Per Kit	3 to 5	10 to 15	40 to 50

maxillary			
Kit	Trial	Introduction	Professional
Size			
1	2	4	10
2	2	6	10
3	4	8	14
4	6	8	18
5	8	12	22
6	8	12	26
7	8	16	32
8	8	20	40
9	8	22	40
10	8	14	30
11	6	10	22
12	4	8	16
13	2	6	12
14	4	4	8
Kit Total	76	150	300

mandibular			
Kit	Trial	Introduction	Professional
Size			
1	2	2	6
2	2	4	6
3	2	4	8
4	2	4	10
5	2	4	10
6	2	6	14
7	4	8	16
8	4	8	18
9	6	10	20
10	6	12	20
11	6	10	22
12	6	10	20
13	6	10	18
14	6	10	18
15	4	10	20
16	4	10	18
17	2	6	14
18	2	6	12
19	2	4	10
20	2	4	8
21	2	4	6
22	2	4	6
Kit Total	76	150	300

Lingual Sheaths

Streamlined lingual sheaths feature a variety of horizontal styles and one vertical style with a two-point contact for ease of lingual archwire insertion and stability. All horizontal styles are available with or without mesial/distal hooks; with solid or slotted tube; with or without distal latching indent. All styles are narrow in the occlusal-gingival dimension and have mesial/distal welding flanges that are curved slightly for better adaptation to bands. Lingual sheaths not preassembled on bands are sold in minimum quantities of 10 each type.

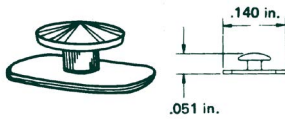
Conventional		Hook	Latching Indent	Tube Type	For Wire Size (Distally Doubled) Inches/(mm)		Left/ Right	Order No.
Horizontal		yes	no	solid	.030	(.76)	-	080-111
					.036	(.91)	-	080-211
Horizontal		yes	no	slotted	.030	(.76)	-	080-131
					.036	(.91)	-	080-231
Horizontal		yes	yes	slotted	.036	(.91)	UL/LR	080-242
					.036	(.91)	UR/LL	080-243
Horizontal		yes	yes	solid	.036	(.91)	UL/LR	080-245
					.036	(.91)	UR/LL	080-246
Horizontal		no	no	solid	.030	(.76)	-	080-110
					.036	(.91)	-	080-210
Horizontal		no	yes	solid	.030	(.76)	-	080-120
					.036	(.91)	-	080-220
Horizontal		no	no	slotted	.030	(.76)	-	080-130
					.036	(.91)	-	080-230
Horizontal		no	yes	slotted	.030	(.76)	-	080-140
					.036	(.91)	-	080-240
w/distal ball hook		yes	yes	slotted	.036	(.91)	UL/LR	080-251
							UR/LL	080-252
w/mesial ball hook		yes	yes	slotted	.036	(.91)	UL/LR	080-253
							UR/LL	080-254
Vertical		no	no	solid	.036	(.91)	-	080-270

Level Anchorage™

Horizontal		no	no	solid	.036	(.91)	-	080-100
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6.18 Bands and Attachments

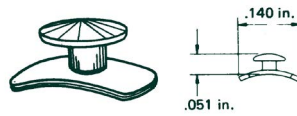
Lingual Attachments



Flat-Base Lingual Buttons

Mushroom head, highly polished to prevent tissue irritation, retain auxiliary attachment from any direction. Also useful as a seating and removing lug.

482-100 10/pk



Curved-Base Lingual Buttons

Same head as 482-100, but on a curved base that adapts more easily to bicuspid bands and molar bands.

482-120 10/pk

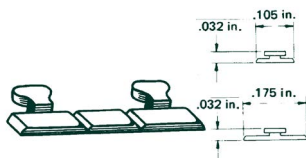
Clear Plastic Button

For direct bonding

224-800 10/pk

Curved Bondable Buttons

20400-02 10/pk

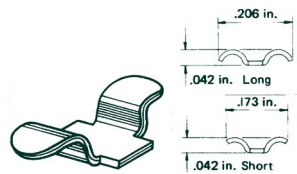


Combination Lingual Hook/Seating Lugs

Hold elastics securely from mesial, distal, or occlusal. Straight occlusal edge for band seating. Smooth edges to protect against tissue irritation. Strip scored for easy break-away. 100/pk

481-001 Short (for anteriors and bicuspid)

481-002 Long (for molars)



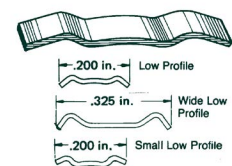
Raised Arm Lingual Cleats

Arms are curved to protect against tissue irritation. Accommodates up to three heavy elastics on one cleat.

100/pk

485-001 Long arms

485-002 Short arms



Low-Profile Lingual Cleats (Debnam)

100/pk

485-004 Low profile

485-005 Wide low profile

485-006 Small low profile

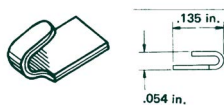


Lingual Ball Hooks

Shanks flattened at end to facilitate a secure attachment to bands and lingual bonding pads.

486-010 Straight, 10/pk

486-020 Offset, 10/pk



Molar Hooks

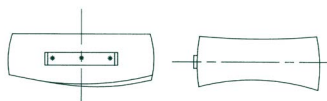
Easy to weld on bands and strong enough for heavy cross elastics. No sharp edges to irritate tissue or damage elastics.

480-001 10/pk



Bondable Lingual Cleat

709-050 10/pk



Seating Lugs

55264

Please specify if other than standard lingual position.

Modular Band/Bond Kit Organizers

- Modular “snap together” kit organizers can be custom assembled to your specific needs
- Durable plastic containers enclose sliding kit drawers with clear plastic hinged covers to protect your inventory
- Color coded labels identify band types

Bicuspid Organizers

- 185-121** Upper Bicuspid Proportional
185-122 Lower Bicuspid Proportional
185-116 Upper Bicuspid (Wide)
185-117 Upper Bicuspid (Narrow)
185-118 Lower Bicuspid (Wide)
185-119 Lower Bicuspid (Narrow)
185-120 Upper and Lower Contoured

Modular Bond Kit Organizers

- 186-110** Small Bracket Organizer
186-410 Large Bracket Organizer

1st Molar Organizers

- 185-126** Lower 1st Molar
 (Regular, Rights and Lefts)
185-127 Lower 1st Molar (Hard, Rights and Lefts)
185-128 Lower Right 1st Molar (Regular)
185-129 Lower Left 1st Molar (Regular)
185-130 Lower Right 1st Molar (Hard)
185-131 Lower Left 1st Molar (Hard)
185-132 Upper 1st Molar
 (Regular, Rights and Lefts)
185-133 Upper 1st Molar (Hard, Rights and Lefts)
185-134 Upper Right 1st Molar (Regular)
185-135 Upper Left 1st Molar (Regular)
185-136 Upper Right 1st Molar (Hard)
185-137 Upper Left 1st Molar (Hard)
185-166 Lower Right Narrow 1st Molar
185-167 Lower Left Narrow 1st Molar
185-168 Upper Right Narrow 1st Molar
185-169 Upper Left Narrow 1st Molar

2nd Molar Organizers

- 185-147** Upper Right 2nd Molar (Regular)
185-152 Upper Left 2nd Molar (Regular)
185-149 Lower Right 2nd Molar (Regular)
185-146 Lower Right 2nd Molar (Hard)
185-150 Lower Left 2nd Molar (Regular)
185-151 Lower Left 2nd Molar (Hard)
185-170 Lower Right Narrow 2nd Molar
185-171 Lower Left Narrow 2nd Molar
185-172 Upper Right Narrow 2nd Molar
185-173 Upper Left Narrow 2nd Molar

General Purpose Molar Organizers

- 185-141** Upper Molar (Narrow, Regular)
185-145 Upper Molar (Wide, Hard)
185-140 Lower Molar (Narrow, Regular)
185-144 Lower Molar (Wide, Hard)
185-154 Upper and Lower Pedodontic Molar

Accessories

- 185-155** Miscellaneous Empty Box

6.20 Bands and Attachments

RxWeld Service

Custom Services

Convenient prescription program for orthodontists who reorder Solventum seamless bands prewelded with Solventum attachments:

- Reduces reorder time and paperwork
- Eliminates order confusion and reduces potential prewelding errors

Reordering bands prewelded with correct attachments and precise angulation and positioning is a time-consuming task in any orthodontic practice.

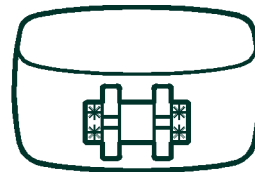
Solventum offers a unique ordering service which greatly simplifies band reordering. Here's how it works:

Every orthodontist ordering prewelded bands from Solventum has a prescription on file, containing customized ordering instructions.

Reorders with instructions that deviate from the prescription file will be verified by phone before Solventum processes the order. Custom order forms and a copy of your prescription are available on request.

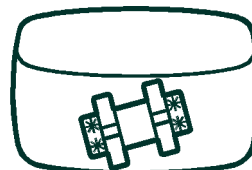
Standard Welding

Solventum attachments in standard positions (see standard positions chart for edgewise and light wire attachments) on Solventum seamless bands and bonding bases. No charge.



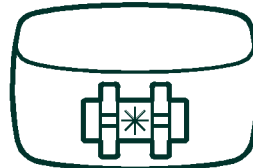
Custom Welding

Solventum attachments in non-standard positions (see angulation chart for details on custom angulation) on Solventum seamless bands and bonding bases. No charge.



Tack-welding only — Solventum attachments to Solventum seamless bands.

No charge.

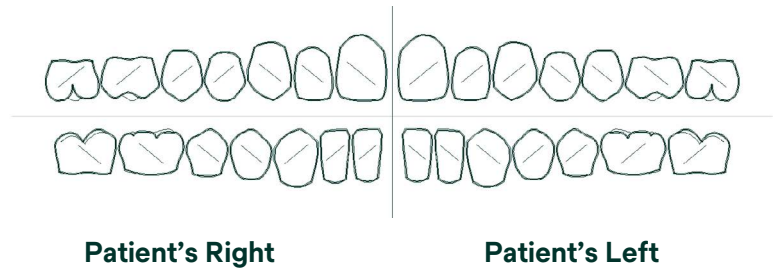


Torqued Attachments

Standard Angulation Chart

Angulation direction is illustrated by chart. Chart is shown as if viewer is facing patient. Degree of angulation must be specified when ordering. Our special order form includes this chart to assist in ordering desired angulation.

Note: For some pre-adjusted appliances, the crown tip is different than standard edgewise appliances. Consult pre-adjusted appliances section of this catalog for prescribed crown tip



and angulation degrees applicable to specific techniques.

(+) Angulation
Crowns tipped mesially; roots inclined distally.

(-) Angulation
Crowns tipped distally; roots inclined mesially.
Applicable to Standard Edgewise and Torqued Edgewise

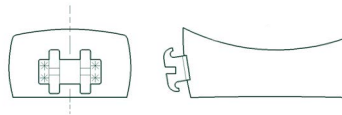
(-) Torque Crowns - Lingual
(+) Torque Crowns - Labial

Brackets to G.P. Bicuspid

Mesial/Distal Positioning
Centered

Occlusal/Gingival Positioning
Mesial-horizontal center of the base of archwire slot is located on horizontal centerline of band.

Brackets to Proportioned Bicuspid



Mesial/Distal Positioning
Centered

Occlusal/Gingival Positioning
Slightly offset occlusally whereby occlusal edge of the tie-wing is located approximately .0075 in. (.2 mm) from the occlusal edge of the band.

6.22 Bands and Attachments

Light Wire Attachments

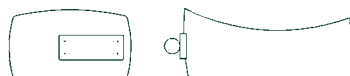
Standard Edgewise Welding Reference Light Wire Attachments

Brackets to Bicuspid

Mesial/Distal
Centered

Occlusal/Gingival
Underslot of bracket centered
on band.

Single Buccal Tube to Molars



Mesial/Distal
Mesial edge of buccal tube bisects
mesial cusp.

Occlusal/Gingival
Gingival edge of tube is .048 in.
(1.2 mm) from gingival edge of band.

Standard Edgewise Welding Reference

Brackets to Bicuspid

Mesial/Distal Positioning
Centered

Occlusal/Gingival Positioning
Centered

* For proportioned bicuspid
bands, bracket is slightly offset
occlusally whereby occlusal
edge of tie-wings are flush with
occlusal edge of band.

Single Buccal Tube to Molars

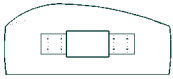


Mesial/Distal Positioning
Mesial edge of buccal tube bisects
mesial cusp.

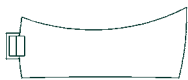
Occlusal/Gingival Positioning
Center of slot is .075 in. (1.9 mm) from occlusal
edge of band.

Lingual Molar Attachments

Sheaths

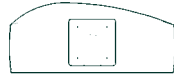


Mesial/Distal
Centered

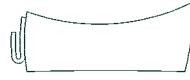


Occlusal/Gingival
Centered

Molar Hooks

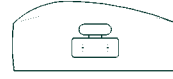


Mesial/Distal
Centered

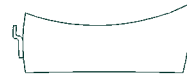


Occlusal/Gingival
Centered with hook to occlusal
(hook opening toward gingival).

Combination Hook/Lug



Mesial/Distal
Centered



Occlusal/Gingival
Center of hook is centered
occlusal-lingually.

Buttons

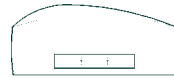


Mesial/Distal Positioning
On all molars with buccal attachment:
button bisects mesial cusp. On G.P.
molars, without buccal attachment:
button is centered mesio-distally. Also
applies to upper 2nd molars with or
without buccal attachment.



Occlusal/Gingival Positioning
Welding flange is .020 in. (.51 mm)
from occlusal edge of band.

Hi-Profile Cleats

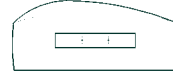


Mesial/Distal Positioning
On all molars with buccal attachments:
cleat bisects mesial cusp. On G.P.
molars, without buccal attachment:
button is centered mesio-distally.
Also applies to upper 2nd molars with
or without buccal attachment.



Occlusal/Gingival Positioning
Welding flange is .020 in. (.51 mm)
from occlusal edge of band.

Low-Profile Cleats



Mesial/Distal Positioning
Centered



Occlusal/Gingival Positioning
Centered

Ball Hook



Mesial/Distal
Mesial edge of flange centered
mesio-distally; ball toward distal.



Occlusal/Gingival
Centered

Level Anchorage™ System Attachments

Specifications vary somewhat
from standard positioning. Please
refer questions regarding Level
Anchorage System specifications
to your Solventum Customer Service.

Orthodontic Hand Instruments 7.2

Cutters..... 7.4

Orthodontic Hand Instruments Fixed
Appliance Removing Instruments..... 7.5

Positioning Instruments 7.5

Self-Ligating Bracket Hand Instruments..... 7.6

Lingual Instruments 7.7

Hinged Instruments 7.9

Ligating Instruments..... 7.9

Miscellaneous Hand Instruments 7.10

Orthodontic Hand Instruments



Weingart Utility Pliers

Versatile pliers with serrated grip surfaces. Securely holds wire or auxiliary at any convenient working angle. Rounded surfaces for patient comfort.

900-700 



How Utility Pliers

Matching serrated tips. Grip surfaces securely hold wire or auxiliary at any convenient working angle. Rounded surfaces for patient comfort.

900-701 



Three-Jaw Wire Bending Pliers

Consistent bends are assured with precision-aligned tips. The two-beak jaw is made of a one-piece construction.

900-705   



Omega Loop Forming Pliers

Make uniform Omega loops in square and rectangular wires. One-piece tip construction with serrated concave beak. Three-tier tip has 1.7 mm, 2.1 mm, and 2.6 mm diameters.

900-707  



Bird Beak Pliers

Round and pyramid beaks are tapered to a fine tip for precise bends.

900-709    



Tweed Loop Forming Pliers

Facilitates the making of Omega, "Bull" and closing loops. Tapered round tip opposite concave beak.

900-720  



Arch Bending Pliers

Provides efficient handling, bending, and torquing of square and rectangular wires.

900-721 

Orthodontic Hand Instruments



Weingart Utility Pliers

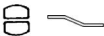
“Sure-grip” precision-matched serrated pads. Outer surface of beaks are carefully rounded for safety and comfort to lips and intraoral tissue.

900-735 Slimnose Weingart Utility Pliers, smaller tips for better intraoral accessibility.



How Utility Offset Pliers

(Offset/Regular Tip)
Similar to the 900-701 plier, except tips are offset at 45° angle to facilitate posterior intraoral applications.

900-702 



Tweed Rectangular Arch-Forming Pliers

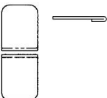
For rectangular and square wires. Gripping surfaces are precision machined to hold wire at right angle without slipping. Blades are .070 in. (1.78 mm). **Maximum wire size .021 x .025 in.**

900-703 



Lingual Lock-Forming Pliers

Forms terminal double-back bends in either .030 in. or .036 in. maximum lingual arches.

900-706 



Jarabak Pliers

For precise bending of lighter wires. Precision-aligned grooves with serrated tips in both beaks assure accurate bending of closing loops. **Maximum wire size .016 in. diameter.**

900-704 



Light Wire Bird Beak Pliers

Beaks are gradually tapered to bend small diameter loops. **Maximum wire size .016 in. diameter.**

900-710 



Hollow Chop Pliers

Convex/concave beaks are .300 in. (7.61 mm) wide. Ideal for reshaping and contouring Nitinol wire and arches. **Maximum wire size .021 x .025 in. & .020 in. diameter.**

900-716

7.4 Hand Instruments

Cutters



Universal Cutter

(Safety Hold)

Holds loose distal ends. Shear-cuts hard wire. **Cut and hold capacity: Maximum .021 x .025 in. Nitinol, Braided and minimum .012 in. Nitinol.**

900-756

900-757 Long Handle



End Cutter

(Distal)

72° angle for very close cut to buccal tube. **Cutting capacity: Maximum .021 x .025 in. Hi-T™ and Nitinol; minimum .016 x .016 in. Braided and .016 in. diameter Nitinol.**

900-750



Hard Wire Cutter

15° cutting angle. New specially designed, diamond-honed to cut hard wire. Precision-machined joint. **Cutting capacity: Maximum hard wire up to .021 x .025 in. Hi-T and Nitinol; minimum .010 in. diameter Hi-T.**

900-751



Wire Cutter

Similar to 900-751 straight cutting jaws. **Cutting capacity: Maximum archwires up to .021 x .025 in. Hi-T and Nitinol; minimum .010 in. diameter Hi-T.**

900-752



Pin and Ligature Cutter

Straight-back designed to cut soft wires. Sharp pointed diamond-honed tips to cut ligature wire at very point of cutter blades. **Cutting capacity: Maximum soft wire up to .014 in. diameter.**

900-753



Miniature Pin and Ligature Cutter

Tips for finite cutting of ligature wires. **Cutting capacity: Maximum soft wire up to .012 in. diameter.**

900-754



Micro-Miniature Pin and Ligature Cutter

Sharp pointed diamond-honed tips to cut ligature wire at very point of cutter blades. **Cutting capacity: Maximum soft ligature up to .010 in. diameter.**

900-755

Warning: Before cutting wire in the mouth with any non-safety hold cutter, place a gauze pad or cotton roll next to the wire end to catch wire fragments.

Do not over-stress instruments as instrument may break if over-stressed. Observe maximum capacity listed for the instrument.

Orthodontic Hand Instruments

Fixed Appliance Removing Instruments



Universal Separating Pliers

Lightweight stainless steel pliers provide easy access to difficult-to-reach areas. Features spring-back action.

800-734



Convertible Cap Removing Pliers

Precision pliers use reciprocal action to shear off the temporary cap of a convertible first molar tube.

805-035

Replacement Tips 5/pk
805-036



Debonding Instrument

Debonding tool designed for the removal of traditional Non Self-Ligating Metal and Ceramic Bracket Systems. The positioning ledge is not used in debonding metal brackets; refer to the Debonding Instrument Technique Guide for additional information.

900-850

Positioning Instruments

Bracket Positioning Gauges

Precision machined handles, color coded size, establishes proper bracket height, measured from bracket slot to incisal/occlusal surface of tooth.

900-836 Positioning Gauge One (2.0–2.5 mm)

900-837 Positioning Gauge Two (3.0–3.5 mm)

900-838 Positioning Gauge Three (4.0–4.5 mm)

900-839 Positioning Gauge Four (5.0–5.5 mm)

900-840 Positioning Gauge Five (6.0–6.5 mm)

900-841 Set of four Gauges (One–Four)



**MBT™ Versatile+
Appliance System**

7.6 Hand Instruments

Self-Ligating Bracket Hand Instruments



Debonding Instrument

This Debonding Instrument is for the Clarity™ Ultra Self-Ligating Bracket system.

804-175



SmartClip™ Appliance Wire Disengagement Instrument

Archwires are removed from Clarity™ SL Self-Ligating Brackets or SmartClip™ Self-Ligating Brackets by sliding the instrument's hooks beneath the archwire and lifting it away from the bracket with a squeeze.

804-160

804-161 Slide Reorder Pack

804-162 Hook Insert Replacement



Self-Ligating Bracket Debonding Instrument

Distinguished debonding tool designed for the Self-Ligating Bracket System: SmartClip Self-Ligating Brackets. Also recommended for Clarity™ Advanced Ceramic Brackets. May be used with or without the archwire engaged in the bracket slot.

804-170



Open-Close Instrument

Open-Close instrument for Clarity™ Ultra Self-Ligating Brackets.

804-155



Bracket Placement Instrument

Stainless Steel Reverse Action Tweezer/ Instrument designed with Self-Ligating brackets in mind. The downward slope of the forearm improves operator visibility while placing the bracket onto the tooth. The instrument is constructed with a convex reverse end that can be used to seat brackets, the slender tips and concave undercarriage allow easy bracket removal from the APC™ Adhesive blister.

804-171

Lingual Instruments



Lingual Weingart Utility Pliers with 60° Bend

Have tips angled at 60° for easy access to the lingual arch. The fine tapered tips help make working in the limited space easier, and the tip serrations provide a secure grip on the wire. The tips are rounded for patient comfort and safety.

803-530



Lingual Cinch Back Pliers

Used to make a 90° wire bend distal to the buccal tube. Long handles assure convenient access to the area with patient comfort, while serrated tips hold the wire firmly.

**For use with nitinol wires
.012 - .018" (.30 - .46 mm).**

803-531



Lingual Anterior Debonding Pliers

With an enhanced gripping surface for security and a functional ergonomic design, the debonding pliers make the bracket debonding step easier. These pliers accommodate the custom bases of the Incognito™ Appliance System Brackets.

803-532



Lingual Detailing Pliers

Enables .75 mm 1st and 2nd order bends intraorally without having to remove the archwire. The double-sided head is designed to work interproximally, even where space is limited.

**Maximum wire size:
.018 x .018" (.46 x .46 mm)**

803-535



Lingual Light Wire Flush Cut Distal End Cutter

Gives a flush cut to the wire at the distal end of the terminal tube, reducing the possibility of patient discomfort from archwire protrusion. The safety hold feature secures the loose wire after the archwire is cut. Tips are made of Tungsten Carbide for durability.

**Minimum wire cutting capacity:
.012" (.30 mm).**

**Maximum wire cutting capacity:
.016 x .025" (.41 x .64 mm)**

803-550



Lingual Heavy Wire Flush Cut Distal End Cutter

Gives a flush cut to the wire at the distal end of the terminal tube. These pliers are designed for larger wires, and tips are made of Tungsten Carbide for durability. The safety hold feature secures the loose wire after the archwire is cut.

**Minimum wire cutting capacity:
.016" (.41 mm)**

**Maximum wire cutting capacity:
.021 x .025" (.55 x .64 mm)**

803-551

7.8 Hand Instruments

Lingual Instruments



Lingual Distal End Cutter

Used for a wide range of wire sizes. It features long handles and a narrow design, with cutting tips made of Tungsten Carbide for durability. A clean square end cut reduces deburring, and the safety hold feature secures the loose wire after the archwire is cut.

Minimum wire cutting capacity:
.012" (.30 mm)

Maximum wire cutting capacity:
.018 x .025" (.46 x .64 mm)

803-552

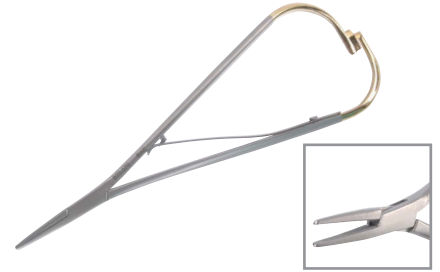


Lingual Straight Ligature Cutter

Light duty cutter specifically for soft wires and elastics. Small and narrow in design, the sharp pointed tips can reach into tight and difficult to reach areas. Tips are made of Tungsten Carbide for durability.

Maximum wire cutting capacity:
.012" (.30 mm)

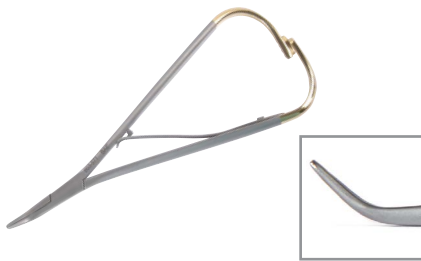
803-553



Lingual Straight Mathieu Pliers

Have fine straight tips for archwire insertion and elastomeric ligature placement.

803-570



Lingual Curved Mathieu Pliers

Feature fine curved tips for archwire insertion and elastomeric ligature placement on lingual brackets.

803-571



Lingual Bracket Placement Tweezer

A reverse action instrument used for the placement of lingual brackets, bondable tubes and attachments. The curved design allows easier viewing of the placement area.

803-572



Lingual Straight Mosquito Forceps

Feature fine serrated tips with positive locking to ensure consistent performance for elastomeric ligature placement on lingual brackets.

803-573



Lingual Director

The double-ended instrument aids in seating the archwire and is used for tucking ligatures after placement.

803-580



Lingual Short Probe

Used for the removal of elastomeric ligatures, and excess adhesive around brackets. It can also aid during bracket positioning.

803-581

Hinged Instruments



Deluxe AlastiK™ Force Modules Needle Holder

Miniature needle holder with ultra-fine tips to facilitate application of AlastiK Modules. Not for use with metal ligatures.

500-081



Mathieu Needle Holder

A precision stainless steel ligating instrument with fine, serrated tips and a quick-release positive locking mechanism on the rear of the handles. A free-sliding leaf spring on the inner surface opens the beaks when the lock is released. Very useful for placing AlastiK Force Modules. Can also be used with metal ligatures.

500-083

Ligating Instruments



Double-Ended Ligature Director

Features a straight, notched tip at one end for use on anterior brackets, and an angled, notched tip at other end for easier access to posterior brackets.

803-007



Double-Ended Dual Purpose Instrument

Combines offset taper for removing AlastiK™ Ligatures on one end and an angled notch ligature director on the other end to facilitate AlastiK module placement in hard to reach places.

900-815



Single-Ended Ligature Director

Made from stainless steel with a small, thin, serrated tip for tucking in ligature pigtails.

803-003

Miscellaneous Hand Instruments



Molar Band Seater

Features a hardened, colbalt-based alloy tip embedded in a molded handle which serves as a bite stick. The serrated, triangular tip allows better interproximal access with a positive grip.

811-001



Lightweight Band Seater and Pusher

A well-balanced, hollow-handled, stainless steel instrument with angled, serrated tip to assure a positive grip on band edges and seating lugs.

900-832



Sickle-Style Cement Remover and Bracket Positioner

Double-ended instrument with curved, tapered tip with sharpened inside radii, other tip flat serrated to push bracket. Designed for placing bracket and removing direct bonding adhesives.

900-822

<u>APC™ Flash-Free Adhesive Coated Appliance System.....</u>	8.2
<u>Etching the Tooth Surface.....</u>	8.4
<u>Miscellaneous Products.....</u>	8.4
<u>Priming Teeth Prior to Light Cure Applications.....</u>	8.5
<u>Transbond™ Plus Self Etching Primer.....</u>	8.5
<u>Transbond™ MIP Moisture Insensitive Primer.....</u>	8.5
<u>Transbond™ XT Primer.....</u>	8.5
<u>Direct Bond Light Cure Adhesive.....</u>	8.6
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<u>Clarity Attachment Material.....</u>	8.10

APC™ Flash-Free Adhesive Coated Appliance System

Simply a better way to bond.

Bonding is undergoing a revolution. And while the current system of adding adhesive to a bracket works fine, the APC™ Flash-Free Adhesive Coated Appliance System works even better—and faster. The system's next generation, resin-soaked nonwoven mat adheres to enamel for a better, reliable bond that also eliminates the process of flash removal.

At Solventum, we think it's time to leave flash behind. We used proven Solventum technologies to develop APC Flash-Free Adhesive—the most efficient bonding system in orthodontics. Our innovative design creates a unique adhesive bonding substrate on the base of each bracket.

APC Flash-Free adhesive coated brackets have shown an average bond failure rate of less than two percent in the first ninety days of bonding.*



APC Flash-Free Adhesive is available on five appliance choices for complete 7×7 bonding and is compatible with both metal and ceramic brackets.



Saves Time and Cost

- ✓ Faster and more efficient bonding than non-precoated brackets.
- ✓ Eliminates the flash removal step from bonding.
- ✓ Simple, easy clean-up at debonding.



Superior Bonding Efficiency

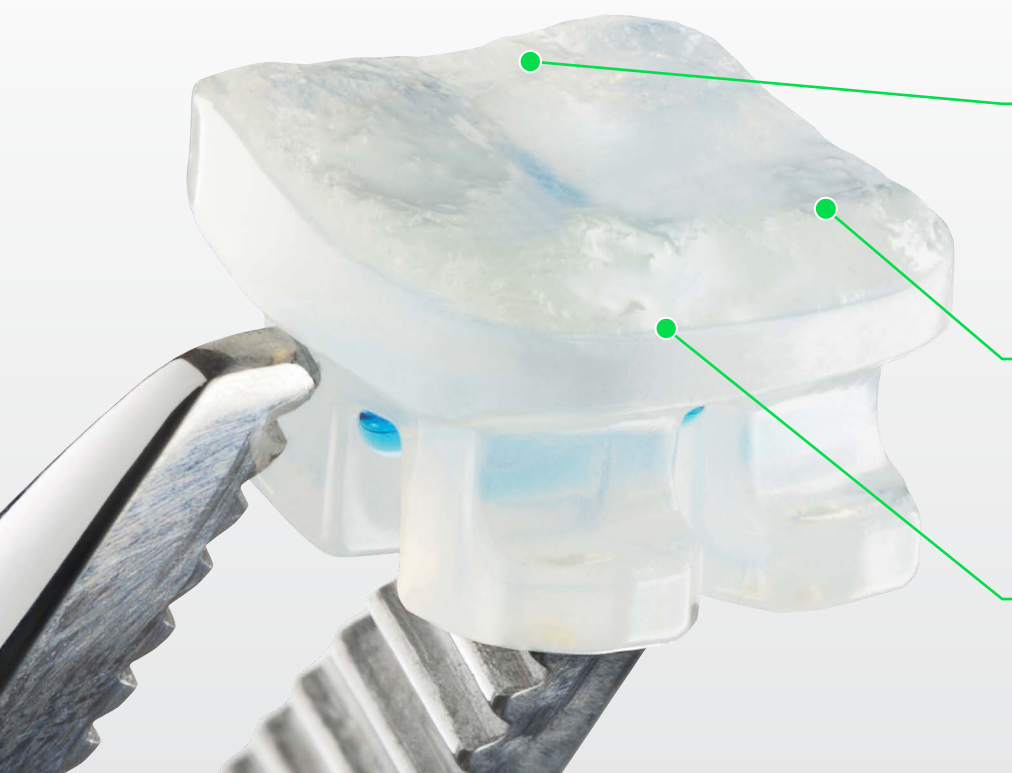
- ✓ Bond time is reduced up to 40% per bracket.
- ✓ No flash removal reduces accidental bracket movement after positioning, reducing the need to reposition.
- ✓ Protects tooth enamel under adhesive.

For more information contact your Solventum Representative today.

*Solventum data on file.

Proven technology. Superior performance.

Powered by Solventum science, APC Flash-Free Adhesive leverages several of the highly advanced Solventum Technology Platforms such as nanotechnology, adhesives and nonwoven materials. The result is a revolutionary way to bond orthodontic appliances that eliminates the many challenges of bonding with flash.



Bonding reliability without flash removal. Orthodontic appliances bonded using APC Flash-Free Adhesive have reliable bond strength that's comparable to Transbond™ XT Adhesive and APC™ II Adhesive while eliminating challenging and time-consuming flash removal.

The difference is the fibers. Minimal bracket drift occurs after initial placement because of the adhesive bond provided by nonwoven materials. A web of micron-sized polypropylene fibers provide the necessary thickness and loft needed for a reliable bond.

A smooth, even and hygienic seal. The pre-coated resin forms a smooth meniscus around the bracket base. This creates an even seal and protects the enamel under the surface of the bracket from acid erosion caused by microleakage.

APC Flash-Free Adhesive is available with:



**Clarity™ Ultra
Self-Ligating
Brackets**



**Clarity™ Advanced
Ceramic Brackets**



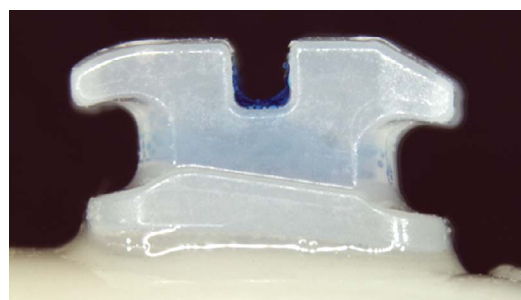
**SmartClip™ SL3
Self-Ligating
Brackets**



**Victory Series™
Low Profile
Brackets**



**Victory Series™ Superior
Fit Buccal Tubes**



APC Flash-Free Adhesive

Traditional paste adhesives require flash cleanup which can leave uneven excess adhesive or undercuts around the edges of brackets, allowing a surface area for food particles to accumulate or plaque to form. Our APC Flash-Free Adhesive forms a smooth meniscus when the adhesive coated bracket is seated, which seals the tooth surface around the edges of the bracket.

8.4 Adhesives

Etching the Tooth Surface

Tooth Preparation



Etching Gel System

(Blue Tint)
(35% Phosphoric Acid)
2 gel etch syringes (3.5 g each)
20 disposable metal dispensing tips
712-044



Disposable Metal Dispensing Tips

20/pk
712-045



Brush Holder

4/pk
704-046



Etching Gel

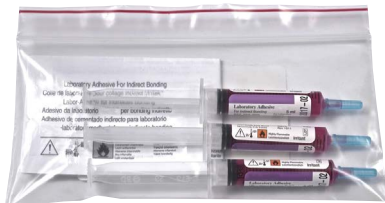
(Blue Tint)
35% phosphoric acid
9 ml bottle
704-060

Miscellaneous Products

Bonding Prep Trays

25/pk tacky surface in well
709-029

100/pk tacky surface in well
709-019



Ortho Laboratory Adhesive for Indirect Bonding

3 syringe/pk
704-050

Dispensing Items

Mixing Pad 3" x 2½"
5/pk
704-030

Priming Teeth Prior to Light Cure Applications

Transbond™ Plus Self Etching Primer

Easy-to-use Transbond Plus Self Etching Primer lets you etch and prime enamel in one simple step. A single-patient use foil pack contains pre-measured etchant and light cure primer that are applied together using a disposable applicator included with each pack. Works in both moist and dry environments with outstanding bond strength when used with moisture tolerant adhesives. Each unit contains enough primer for a complete arch. Use with light cure adhesives.

100 unit box

712-090

20 unit box

712-091



Standard Applicators (100/pk)

712-092



Easy Roller (1 each)

712-093



Transbond™ MIP Moisture Insensitive Primer

- Moisture tolerant primer bonds in moisture (water or saliva) without compromising bond strength with a single coat over contaminated tooth surface when used with moisture tolerant adhesives

Compatible with all Solventum light cure adhesives

Transbond MIP Moisture Insensitive Primer Introductory Kit

- 6 ml Transbond MIP primer
- 1 light sensitive well
- 20 disposable wells
- 1 brush holder
- 60 brush tips

712-021

Transbond MIP Primer Bottle

- 6 ml
- 712-025**

Disposable Wells

- 96/pk
- 712-023**

Light Sensitive Wells

- 4/pk
- 712-022**

Brush Holders

- 4/pk
- 704-046**



Transbond™ XT Primer

- Requires only a thin, uniform film on each tooth
- Serves as a wetting agent



Transbond XT Primer Bottle

- 6 ml
- 712-034**

8.6 Adhesives

Direct Bond Light Cure Adhesive

Transbond™ XT Light Cure Adhesive

Command Cure

- Quick ceramic/metal bracket cure

Extended Working Time

- Allows precise bracket placement

Immediate Bond Strength

- Allows archwire to be tied in immediately following cure

Versatile

- Saves time for rebonds
- Efficient bonding of ceramic and metal brackets

Excellent Handling Properties

- No bracket drift
- Easy flash clean-up



Transbond XT Light Cure Adhesive Kit in Capsules

25 capsules (0.2 g each)
6 ml Transbond XT primer
1 adhesive dispensing gun
1 brush holder
60 brush tips
712-030

Transbond XT Adhesive in Capsules

25 capsules (0.2 g each)
712-031

Adhesive Dispensing Gun

712-032



Transbond XT Light Cure Adhesive Kit in Syringes

2 syringes (4 g each)
6 ml Transbond XT primer
1 brush holder
60 brush tips
712-035



Transbond XT Adhesive in Syringes

4 syringes (4 g each)
712-036

Transbond XT Primer Bottle

6 ml
712-034

Transbond XT Adhesive Syringe Sample

2 syringes (4 g each)
712-066

Direct Bond Light Cure Adhesive

Transbond™ PLUS Color Change Adhesive

Moisture Tolerant

- Reliable bond in moist field when used with moisture tolerant primers

Color Changing

- Easier flash clean-up
- Better bracket reference

Versatile

- Bonds ceramic and metal brackets
- Available in syringes and capsules



Transbond PLUS Color Change Adhesive in Syringes

2 ea. syringes (4 g each)
712-101

Transbond PLUS Color Change Adhesive in Capsules

25 ea. capsules (0.2 g each)
1 Adhesive Dispensing Gun
712-102

Syringe Refill

4 ea. syringes
(4 g each)
712-103

Capsule Refill

25 ea. capsules (0.2 g each)
712-104

Syringe Sample

1 ea. syringe (4 g each)
712-105

Capsule Sample

2 ea. capsules (0.2 g each)
712-106

Capsule Kit with Transbond™ Plus Self Etching Primer

(712-102 plus 712-091)
712-108

Syringe Kit with Transbond Plus Self Etching Primer

(712-101 plus 712-091)
712-107

Bonding Lingual Retainers

Transbond™ LR Light Cure Adhesive

Light cure adhesive designed specifically for bonding lingual retainers. Optimized viscosity with softer consistency than Transbond XT Adhesive.



Transbond LR Capsule Kit

25 capsules (0.2 g each)
6 ml Transbond XT primer
1 adhesive dispensing gun
1 brush holder
60 brush tips
712-033

Transbond LR Capsules

25 capsules (0.2 g each)
712-038

Adhesive Dispensing Gun

712-032

AlastiK™ EZ3 Holder

Holds lingual retainer wire securely in place during bonding
10/pk
406-044

8.8 Adhesives

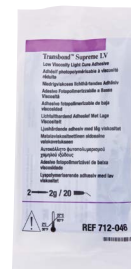
Adhesives for Indirect Bonding Trays

Transbond™ Supreme LV Low Viscosity Light Cure Adhesive

- On-demand flowable characteristics
- Indirect bonding or direct light cure applications
- Nanofillers for excellent strength, flow and wear properties
- Efficient, low-waste syringe dispenser
- Compatible with all Solventum primers

Transbond Supreme LV Adhesive Kit
2 syringes (2 g each)
20 tips
712-046

Tips
20/pk
712-045



Banding Adhesive/Cement

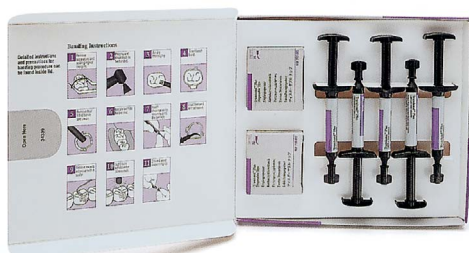
Transbond™ Plus Light Cure Band Adhesive

- Single paste for easy dispensing
- Blue color for initial and final clean-up

Transbond Plus Light Cure Band Adhesive Kit
5 ea. syringe (4 g each)
2 boxes disposable tips (box of 25)
712-080

Transbond Plus Light Cure Band Adhesive Introductory Kit
1 ea. syringe (4 g each)
10 ea. disposable tips
712-081

Transbond Plus Adhesive Disposable Tips
25 ea. disposable tips
712-082



Multi-Cure Glass Ionomer Orthodontic Band Cement

- Light cure or self cure
- Blue tint for easy initial clean-up
- Achieve adequate initial strength with light application
- Band under moist conditions

Multi-Cure Glass Ionomer Band Cement Kit
35 g powder
25 g liquid
712-050

1 dispensing spoon
2 mixing pads
3" x 2½"
712-050

Powder Bottle
35 g
712-051

Liquid Bottle
25 g
712-052

Dispensing Spoon
712-053

Mixing Pad
(3" x 2½")
5/pk
704-030



Ortholux™ Luminous Curing Light

The Ortholux Luminous Curing Light redefines efficiency and performance in orthodontic curing with a versatile, ergonomic design and the latest in high-power LED technology, utilizing an optimized fiber optic light guide to achieve outputs of 1600 mW/cm².

- One piece, stainless steel, pen-shaped, cordless handpiece
- 3 second curing for ceramic brackets
- High intensity 1600 mW/cm² blue LED
- Built-in light meter
- Rechargeable Lithium ion battery



Ortholux Luminous Curing Light Kit
704-460 (US/Japan) 120V
704-450 (Europe) 230V
704-451 (UK) 230V

Ortholux Luminous Curing Light Replacement Parts



704-455 Rechargeable Battery



704-456 Light Guide



704-457 Eye Shield

Appliance	Adhesive	Ortholux Luminous Curing Light
Metal Brackets	APC™ Flash-Free Adhesive Coated Brackets	6 seconds mesial x 6 seconds distal
Ceramic Brackets		3 seconds mesial x 3 seconds distal
Buccal Tubes (direct bond)		6 seconds mesial x 6 seconds occlusal
Metal Brackets	Transbond XT Adhesive Transbond PLUS Color Change Adhesive APC™ II Adhesive Coated Brackets APC™ PLUS Adhesive Coated Brackets	3 seconds mesial x 3 seconds distal
Ceramic Brackets		3 seconds through the bracket
Buccal Tubes (direct bond)		6 seconds mesial x 6 seconds occlusal
Lingual Retainers	Transbond LR Adhesive	3 seconds mesial x 3 seconds distal
Molar Bands	Transbond Plus Band Adhesive	12 seconds (3 seconds per cusp)
	Multi-Cure Glass Ionomer Band Cement	



Clarity™ Attachment Material

Meet a better material for esthetic,
high-quality attachments

Experience the difference

It works with any aligner brand to create
attachments with ease.

2 (2.0 g each) syringes + 20 tips
359-630

Tips 20/pk
359-632



Flowable, but performs like a paste

The material dispenses
like a flowable while
staying in place like a
paste—no slump
or runniness.



Virtually bubble-free

The proprietary syringe
design dispenses material
with virtually no bubbles,
reducing the risk of
attachment fractures,
chipping or food entrapment.



Stain resistant

Designed to provide
superior stain resistance
from food and beverages,
maintaining an excellent
esthetic appearance.



Ergonomic and precise

The proprietary syringe
design supports greater
accuracy, control and
precision for optimal handling
while eliminating waste.



Durable

Nano-filled material ensures
long-term durability to
maintain the attachments'
shape integrity.

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9.2 Auxiliary Products and Accessories

Solventum pioneered the use of nickel-titanium into orthodontists' wire progression plans. Today we offer three variations of Nitinol, three variations of stainless steel and Beta III Titanium – the happy medium between nickel-titanium and stainless steel.

Strict controls over archwire dimensions, visual appearance and mechanical properties assure the highest quality in the arch form, the force levels generated, and the malleability of the wire alloy.



Archwire Introduction

Many orthodontists state that archwire selection is more important when working with a self-ligating appliance than with a traditional appliance. Of significant importance are the force profiles, dimensional integrity and arch form availability of the archwires.

Force Profiles

When working in a low friction environment it is important to select archwires that deliver minimal, consistent and predictable force levels. For this reason, Solventum has designed archwires in a variety of materials and sizes to offer a large range of force profiles.

Dimensional Integrity

In a self-ligating system where ligatures are not actively seating the archwire, dimensional consistency is essential for the archwire to predictably express torquing, rotating and tipping movements. All Solventum square and rectangle archwires are engineered to have precise corner radii that deliver predictable torque control. Solventum archwires are available in a range of dimensions and include Hybrid and Dimpled options.

Arch Forms

A critical part of successful treatment is having an archwire that predictably develops the arch form best suited for each patient. Solventum provides three OrthoForm™ Arch Forms – Tapered, Square, and Ovoid – that offer the diversity needed to fit the range of arch forms among orthodontic cases.

Solventum also offers a large variety of wire auxiliaries to allow you to best treat your patients.

Simplified Archwire Sequence

For Self-Ligating Appliances

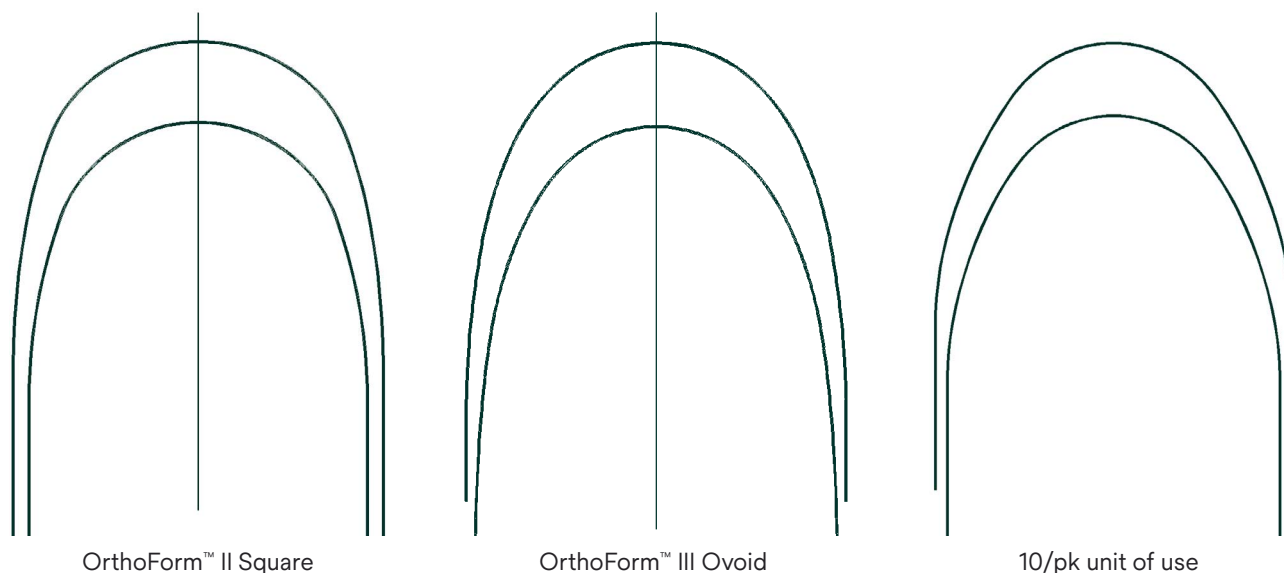
Note: There are many variations to this basic sequence that can be used. Archwire sequence should always be modified to best treat each individual case. Hybrid rectangular arches can be substituted depending on torque requirements.

Treatment Phase	.018 Slot	.022 Slot
Initial Phase Getting Organized - leveling - aligning Necessary Wire Criteria - low forces - low modulus - low friction	Nitinol Classic .012 Nitinol SE or HA .014	Nitinol Classic .012 Nitinol SE or HA .014 Nitinol HA .016
Intermediate Phase Working the Big Picture - arch form correction - occlusal plane leveling - rotating - tipping Necessary Wire Criteria - medium forces - medium working range - medium modulus - medium malleability - low friction	Nitinol SE or HA .014 with Nitinol SE .014 tandem Nitinol SE or HA .018 Nitinol HA .016 x .025	Nitinol SE or HA .014 with Nitinol SE .014 or .016 tandem Nitinol SE or HA .020 Nitinol HA .016 x .025
Finishing Phase Getting Down to Details - vertical detailing - space closure - refine interdigitation - retention Necessary Wire Criteria - medium forces - short working range - high modulus - high malleability	Beta III Titanium (non-extraction) .016 x .025 .017 x .025 Permachrome Resilient (extraction) .016 x .025 .017 x .025 Braided .017 x .025	Beta III Titanium (non-extraction) .019 x .025 Permachrome Resilient (extraction) .019 x .025 Braided .019 x .025

9.4 Auxiliary Products and Accessories

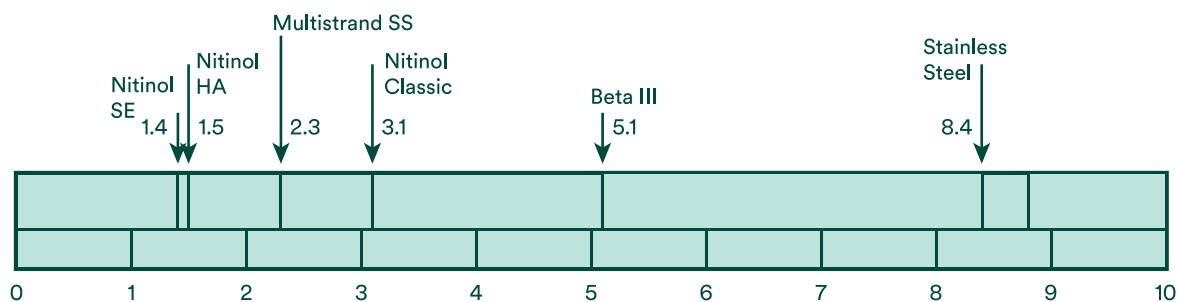
Arch Form

Changes to arch form during treatment may result in instability and subsequent relapse, which can contradict this search for the ideal arch form. There is an awareness that a great deal of variation exists from one human arch form to another. With this in mind, Solventum provides three distinct arch forms that reconcile the variation in anterior curvature, inter-cuspid width, inter-molar width and the curvature from the cuspid to the second molars.



Malleability

How easily a wire bends and how well it maintains the bends placed by the orthodontist are important criteria for choosing the correct archwire material. Malleability (or bendability) is almost the opposite of elasticity. Springy metals are difficult to bend, but wires that bend easily have minimal elasticity. Below is a continuum of malleability* on a scale from one to ten, ten being the most bendable:



*Solventum data

Archwire

Tandem Archwires: Filling the Slot

Tandem archwires have shown to produce significant results in correcting rotations and creating leveling and alignment in SmartClip™ SL3.

In order to correct rotations and level and align the teeth early in treatment, the goal is to engage archwires that fill the horizontal plane and have a low unloading force. Using two flexible round archwires in tandem fills both the horizontal and vertical planes of the bracket slot. This configuration corrects and manages rotations while simultaneously correcting vertical discrepancies.



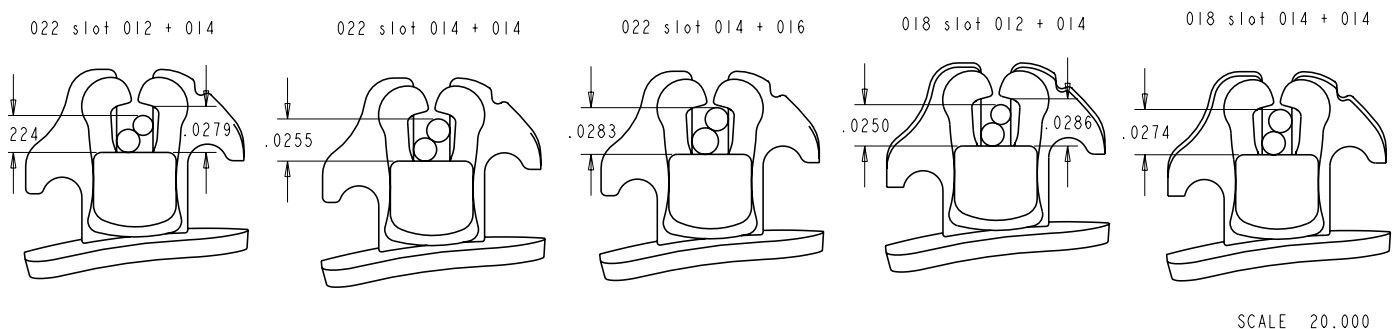
The tandem archwire should be inserted directly on top of the initial archwire used in treatment. There is no need to disengage the initial archwire, saving valuable chair time.

Tandem Archwire Combinations

Slot	Initial Archwire	Tandem Archwire
.018/.022	.012	.014
.018/.022	.014	.014
.022	.014	.016

The choice of tandem archwire combination depends on the slot size and degree of rotational deflection. In most cases, the .018 slot option will be the .014/.014 and the .022 slot will be the .014/.016 combination.

SmartClip™ Appliance Lower Anterior



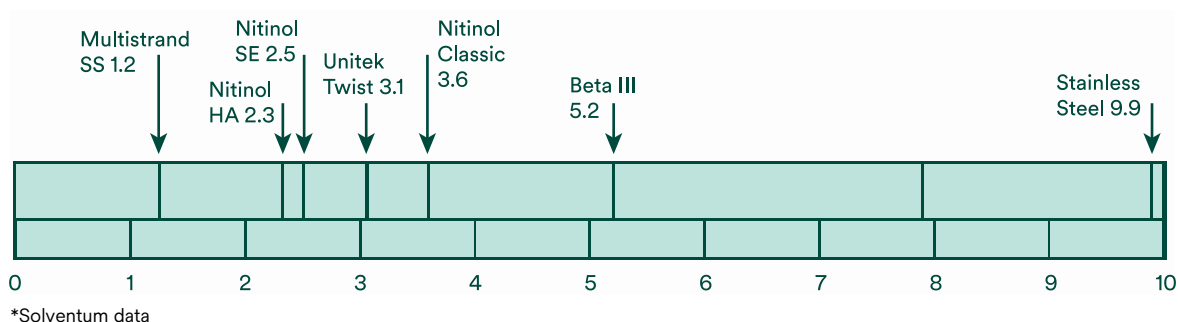
9.6 Auxiliary Products and Accessories

Force Levels

Force levels of archwires can be divided into two distinct categories. The engagement force, which is known as the loading force, that the practitioner feels while handling the wire and ligating it into the appliance. The working force, commonly referred to as the return or unloading force, is the force that moves the teeth and is the force that the patient feels.

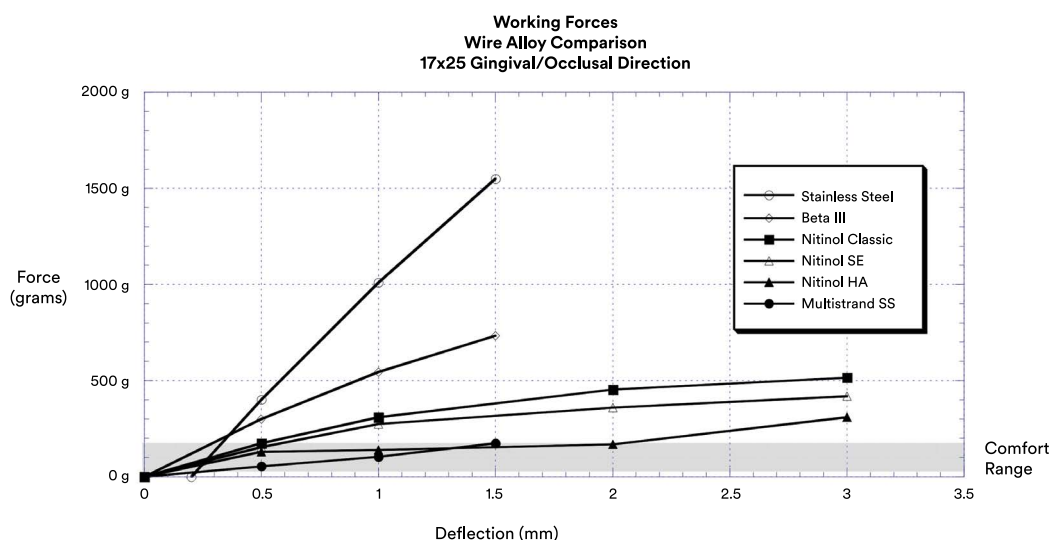
Engagement Force

Below is a continuum that describes the range of engagement forces from one wire alloy to another.* In this continuum, the smaller the number, the lighter the engagement force.



Working Force

Below is an example of comparison working forces between different types of archwires. In it you will see the working force generated from 3 mm of deflection to zero for different wire families. This working force chart details .017 x .025 gingival/occlusal direction:



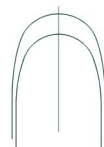
Archwire Analysis

Clearly your choices are numerous, and your orthodontic training and experience contribute to the overall list of criteria you use. In addition to reviewing the criteria listed in the preceding pages, Solventum consultative representatives can provide an analysis and may be able to recommend a new wire progression for improved efficiency in your treatment plans.

Treatment Phase	First Choice	Second Choice	Third Choice
Initial Phase Getting Organized - leveling - tipping - rotating Necessary Wire Criteria - low forces - long working range - low modulus - low friction	Nitinol HA	Nitinol SE	Nitinol Classic
Intermediate Phase Working the Big Picture - space closure - arch form correction - occlusal plane leveling Necessary Wire Criteria - medium forces - medium working range - medium modulus - medium malleability - low friction	Nitinol Classic	Beta III Titanium	Permachrome Resilient
Finishing Phase Getting Down to Details - vertical detailing - individual rotations - refine interdigitation - retention Necessary Wire Criteria - medium forces - short working range - high modulus - high malleability	Beta III Titanium	Permachrome Resilient	Permachrome Standard

9.8 Auxiliary Products and Accessories

Nitinol Heat-Activated Archwire



OrthoForm™ II
Square



OrthoForm™ III
Ovoid



OrthoForm™
LA

Dimension Inches	Dimension mm			
Round				
Upper				
.014	.36	9296-609	9296-611	-
.016	.41	4296-985	4296-991	4296-979
.018	.46	4296-987	4296-993	-
.020	.51	-	4296-995	-
.0215	.55	9296-615	9296-617	-
Lower				
.014	.36	9296-610	9296-612	-
.016	.41	4296-986	4296-992	4296-980
.018	.46	4296-988	4296-994	-
.020	.51	-	4296-996	-
.0215	.55	9296-616	9296-618	-
Rectangular/Square				
Upper				
.014 x .025	.36 x .64	9296-633	9296-635	-
.016 x .022	.41 x .56	4297-973	4297-913	4297-981
.016 x .025	.41 x .64	9296-621	9296-623	-
.0175 x .0175	.44 x .44	4297-975	4297-911	4297-983
.017 x .025	.43 x .64	4297-991	4297-921	4297-995
.017 x .025	.43 x .64	9296-627	9296-629	-
.019 x .025	.48 x .64	4297-977	4297-919	-
.019 x .025	.48 x .64	9296-645	9296-647	-
.021 x .021	.53 x .53	4297-979	4297-917	-
.021 x .025	.53 x .64	4297-993	4297-923	-
.021 x .025	.53 x .64	-	9296-641	-
Lower				
.014 x .025	.36 x .64	9296-634	9296-636	-
.016 x .022	.41 x .56	4297-974	4297-914	4297-982
.016 x .025	.41 x .64	9296-622	9296-624	-
.0175 x .0175	.44 x .44	4297-976	4297-912	4297-984
.017 x .025	.43 x .64	4297-992	4297-922	4297-996
.017 x .025	.43 x .64	9296-628	9296-630	-
.019 x .025	.48 x .64	4297-978	4297-920	-
.019 x .025	.48 x .64	9296-646	9296-648	-
.021 x .021	.53 x .53	4297-980	4297-918	-
.021 x .025	.53 x .64	4297-994	4297-924	-
.021 x .025	.53 x .64	-	9296-642	-

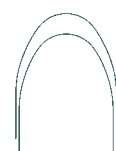
*Hybrid

Nitinol Heat-Activated is a thermally activated super-elastic archwire. It is the easiest of Nitinol wires to engage, and it delivers light continuous forces that effectively move teeth with minimal discomfort to the patient.

- Can be cooled or chilled resulting in a softer, more pliable wire for easy engagement
- Provides light continuous forces
- Force activation occurs around body temperature
- Available in square sizes making it excellent for early torque control
- Good bend retention when bent in hot water
- 10/pk unit of use



Nitinol Super-Elastic Archwire



Dimension Inches	Dimension mm	OrthoForm™ II Square	OrthoForm™ III Ovoid	OrthoForm™ LA	Reverse Curve
Round					
Upper					
.014	.36	4296-805	4296-911	4296-813	-
.014 D**	.36	9296-805	9296-911	-	-
.016	.41	4296-807	4296-913	4296-815	296-821
.016 D**	.41	9296-807	9296-913	-	-
.018	.46	4296-809	4296-915	4296-817	296-823
.020	.51	4296-811	4296-917	-	297-871
Lower					
.014	.36	4296-806	4296-912	4296-814	-
.014 D**	.36	9296-806	9296-912	-	-
.016	.41	4296-808	4296-914	4296-816	296-822
.016 D**	.41	9296-808	9296-914	-	-
.018	.46	4296-810	4296-916	4296-818	296-824
.020	.51	4296-812	4296-918	-	297-872
Rectangular/Square					
Upper					
.014 x .025 D**	.36 x .64	9293-815	9293-817	-	-
.016 x .016	.41 x .41	4297-803	4297-951	4297-831	-
.016 x .022	.41 x .56	4297-801	4297-953	4297-833	297-821
.016 x .025	.41 x .64	-	-	-	297-869
.016 x .025 D**	.41 x .64	9293-851	9293-853	-	-
.017 x .025	.43 x .64	4297-807	4297-955	4297-835	297-823
.017 x .025 D**	.43 x .64	9297-807	9297-955	-	-
.017 x .025 H* D**	.43 x .64	9293-879	9293-881	-	-
.018 x .018	.46 x .46	4297-809	4297-957	-	-
.018 x .025	.46 x .64	4297-813	4297-959	-	-
.018 x .025 H*	.46 x .64	9293-905	9293-907	-	-
.019 x .025	.48 x .64	4297-815	4297-961	-	297-825
.019 x .025 H*	.48 x .64	9296-651	9296-653	-	-
.021 x .025	.53 x .64	4297-817	4297-963	-	297-827
.021 x .025 H*	.53 x .64	9293-933	9293-935	-	-
Lower					
.014 x .025 D**	.36 x .64	9293-816	9293-818	-	-
.016 x .016	.41 x .41	4297-804	4297-952	4297-832	-
.016 x .022	.41 x .56	4297-802	4297-954	4297-834	297-822
.016 x .025	.41 x .64	-	-	-	297-870
.016 x .025 D**	.41 x .64	9293-852	9293-854	-	-
.017 x .025	.43 x .64	4297-808	4297-956	4297-836	297-824
.017 x .025 D**	.43 x .64	9297-808	9297-956	-	-
.017 x .025 H* D**	.43 x .64	9293-880	9293-882	-	-
.018 x .018	.46 x .46	4297-810	4297-958	-	-
.018 x .025	.46 x .64	4297-814	4297-960	-	-
.018 x .025 H*	.46 x .64	9293-906	9293-908	-	-
.019 x .025	.48 x .64	4297-816	4297-962	-	297-826
.019 x .025 H*	.48 x .64	9296-652	9296-654	-	-
.021 x .025	.53 x .64	4297-818	4297-964	-	297-828
.021 x .025 H*	.53 x .64	9293-934	9293-936	-	-

*Hybrid **Dimpled

Nitinol Super-Elastic is easy to engage and maintains light continuous forces with a range between Nitinol Heat-Activated and Nitinol Classic.

- Provides light continuous forces
- Easy engagement characteristics
- Good early torque control
- 10/pk unit of use
- Available in Reverse Curve in folder pack of 10 wires



9.10 Auxiliary Products and Accessories

Nitinol Classic Archwire



Dimension Inches	Dimension mm	OrthoForm™ II Square	OrthoForm™ III Ovoid	OrthoForm™ LA	Standard
Round					
Upper					
.012	.30	9296-603	9296-605	-	4296-121
.014	.36	4296-405	4296-517	4296-307	4296-141
.014 D**	.36	9296-405	9296-517	-	-
.016	.41	4296-407	4296-519	4296-303	4296-161
.016 D**	.41	9296-407	9296-519	-	-
.018	.46	4296-409	4296-521	4296-315	4296-181
.020	.51	4296-411	4296-523	-	-
Lower					
.012	.30	9296-604	9296-606	-	4296-122
.014	.36	4296-406	4296-518	4296-308	4296-142
.014 D**	.36	9296-406	9296-518	-	-
.016	.41	4296-408	4296-520	4296-304	4296-162
.016 D**	.41	9296-408	9296-520	-	-
.018	.46	4296-410	4296-522	4296-316	4296-182
.020	.51	4296-412	4296-524	-	-
Rectangular/Square					
Upper					
.014 x .025 D**	.36 x .64	9293-821	9293-823	-	-
.016 x .016	.41 x .41	4297-701	4297-851	4297-601	-
.016 x .022	.41 x .56	4297-703	4297-853	4297-603	4297-171
.016 x .025 D**	.41 x .64	-	9293-859	-	-
.017 x .022	.43 x .56	4297-705	4297-855	-	-
.017 x .025	.43 x .64	4297-707	4297-857	4297-609	4297-281
.017 x .025 D**	.43 x .64	-	9297-857	-	-
.017 x .025 H* D**	.43 x .64	-	-	-	-
.018 x .018	.46 x .46	4297-709	4297-859	4297-613	4297-113
.018 x .022	.46 x .56	4297-711	4297-861	-	-
.018 x .025	.46 x .64	4297-713	4297-863	4297-615	4297-381
.018 x .025 H*	.46 x .64	-	-	-	-
.019 x .025	.48 x .64	4297-715	4297-865	4297-621	-
.019 x .025 H*	.48 x .64	9293-953	9293-955	-	-
.021 x .025	.53 x .64	4297-717	4297-867	-	-
Lower					
.014 x .025 D**	.36 x .64	9293-822	9293-824	-	-
.016 x .016	.41 x .41	4297-702	4297-852	4297-602	-
.016 x .022	.41 x .56	4297-704	4297-854	4297-604	4297-172
.016 x .025 D**	.41 x .64	-	9293-860	-	-
.017 x .022	.43 x .56	4297-706	4297-856	-	-
.017 x .025	.43 x .64	4297-708	4297-858	4297-610	4297-282
.017 x .025 D**	.43 x .64	-	9297-858	-	-
.017 x .025 H* D**	.43 x .64	-	-	-	-
.018 x .018	.46 x .46	4297-710	4297-860	4297-614	4297-114
.018 x .022	.46 x .56	4297-712	4297-862	-	-
.018 x .025	.46 x .64	4297-714	4297-864	4297-616	4297-382
.018 x .025 H*	.46 x .64	-	-	-	-
.019 x .025	.48 x .64	4297-716	4297-866	4297-622	-
.019 x .025 H*	.48 x .64	9293-954	9293-956	-	-
.021 x .025	.53 x .64	4297-718	4297-868	-	-

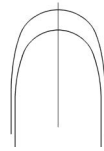
*Hybrid **Dimpled

Solventum pioneered nickel-titanium as an improved alternative to stainless steel in 1977. This “Classic” archwire continues to provide the linear elasticity and bendability of high strength steel and the elastic working range and lighter forces that only a nickel-titanium can deliver.

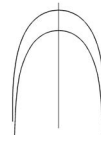
- Long working range
- 40% the forces of stainless steel
- 10/pk unit of use



Beta III Titanium Archwire



OrthoForm™ II
Square



OrthoForm™ III
Ovoid

Dimension Inches	Dimension mm		
Rectangular/Square			
Upper			
.016 x .022	.41 x .56	4301-302	4301-304
.016 x .025	.41 x .64	4301-352	4301-354
.0175 x .0175	.44 x .44	4301-336	4301-338
.017 x .025	.43 x .64	4301-308	4301-310
.019 x .025	.48 x .64	4301-314	4301-316
.021 x .025	.53 x .64	4301-320	4301-322
Lower			
.016 x .022	.41 x .56	4301-303	4301-305
.016 x .025	.41 x .64	4301-353	4301-355
.0175 x .0175	.44 x .44	4301-337	4301-339
.017 x .025	.43 x .64	4301-309	4301-311
.019 x .025	.48 x .64	4301-315	4301-317
.021 x .025	.53 x .64	4301-321	4301-323

Known as the “happy medium” between nickel-titanium and stainless steel, this archwire provides the extended working range of a titanium alloy and the bendability of stainless steel.

- Processed to reduce breakage
- Polished surface finish for improved sliding mechanics
- Tight corner radii specifications reducing torque loss, especially in final phase of treatment
- 10/pk unit of use



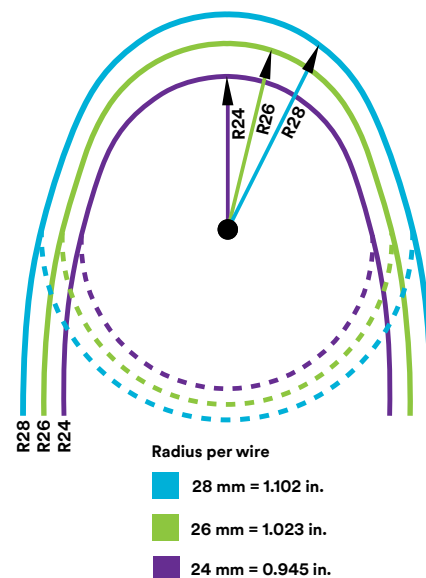
9.12 Auxiliary Products and Accessories

Lateral Development Archwire

Lateral Development can help achieve a Platinum Proportion smile, which is the esthetic result that occurs when properly selected archwires completely express the lateral dimension of the upper arch, creating a gradation that exceeds the traditional Golden Proportion.

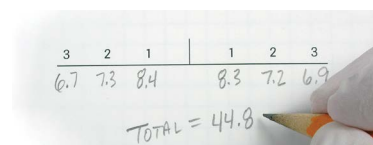
Dr. Robert Waugh designed Lateral Development Archwires for treatment of patients with smaller tooth anatomy and/or spacing. After measuring all anterior teeth in his practice for over five years, he has crystallized a method to consistently deliver a predictable anterior display while idealizing functional coupling of anterior teeth.

A unique feature of the Lateral Development System is that the archwires have circular anterior contours available in three coordinating sizes with approximate radii of 28 mm, 26 mm and 24 mm. Each wire is specifically designed to align and display the upper anterior six teeth for a known range of mesial-distal tooth sizes. Now, patients with small, medium, and large teeth can achieve both a predictable esthetic display and coordinated occlusion.



Simple Technique for Choosing the Right Arch Form

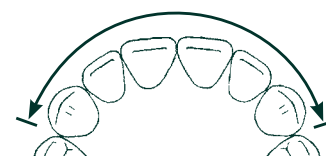
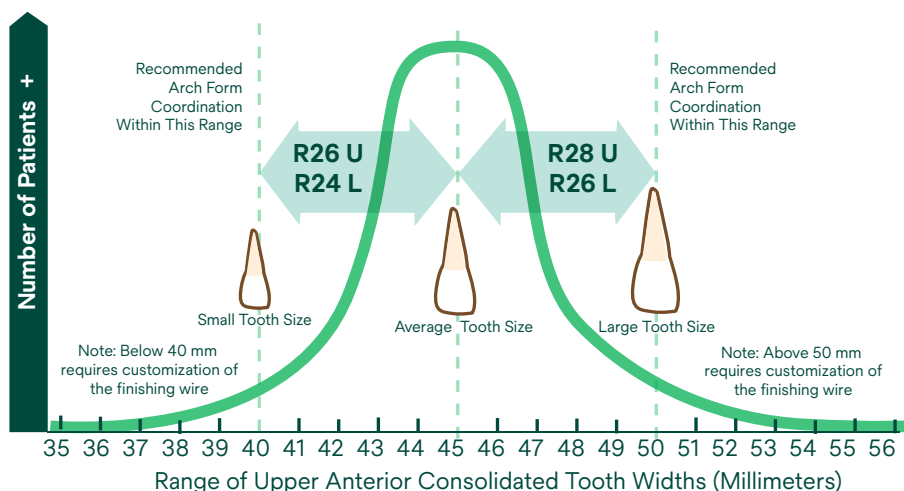
1. After initial alignment, total the collective mesio-distal widths of the upper anterior six teeth (rounded to nearest 1/10th of a millimeter).



This case displays a consolidated width of 44.8 mm, indicating consideration of arch forms R26 upper and R24 lower.

2. Using the reference diagram below, select the appropriate upper arch form radius for the patient's "Platinum Proportion" or gradation (R28, R26 or R24). Based on the upper arch form radius, select the appropriate lower archwire.

Tooth Size Range – Corresponding Arch Form Size



Consolidated width 3 2 1 1 2 3 indicates arch form size:

Less than 40 mm = Customize R24
 40 mm - 45 mm = R26 Upper and R24 Lower
 45 mm - 50 mm = R28 Upper and R26 Lower
 More than 50 mm = Customize R28

Lateral Development Archwires

Dimension Inches	Dimension mm	R28		R26		R24	
Nitinol							
.012	.30	4581-301	5	4581-302	5	4581-303	5
.013	.33	4581-304	5	4581-305	5	4581-306	5
.014	.36	4581-307	5	4581-308	5	4581-309	5
.016	.41	4581-310	5	4581-311	5	4581-312	5
.018	.46	4581-313	5	4581-314	5	4581-315	5
.020	.51	4581-316	5	4581-317	5	4581-318	5
.014 x .025	.36 x .64	4581-319	5	4581-320	5	4581-321	5
.016 x .022	.41 x .56	4581-322	5	4581-323	5	4581-324	5
.016 x .025	.41 x .64	4581-325	5	4581-326	5	4581-327	5
.017 x .025	.43 x .64	4581-328	5	4581-329	5	4581-330	5
.018 x .025	.46 x .64	4581-331	5	4581-332	5	4581-333	5
.019 x .025	.48 x .64	4581-334	5	4581-335	5	4581-336	5
Nitinol HA							
.014 x .025	.36 x .64	4585-301	5	4585-302	5	4585-303	5
.016 x .025	.41 x .64	4585-304	5	4585-305	5	4585-306	5
.017 x .025	.43 x .64	4585-307	5	4585-308	5	4585-309	5
.018 x .025	.46 x .64	4585-310	5	4585-311	5	4585-312	5
.019 x .025	.48 x .64	4585-313	5	4585-314	5	4585-315	5
Beta Titanium							
.016 x .022	.41 x .56	4582-301		4582-302		4582-303	
.017 x .025	.43 x .64	4582-304		4582-305		4582-306	
.019 x .025	.48 x .64	4582-307		4582-308		4582-309	
Stainless Steel							
.016 x .022	.41 x .56	4583-301		4583-302		4583-303	
.016 x .025	.41 x .64	4583-304		4583-305		4583-306	
.017 x .025	.43 x .64	4583-307		4583-308		4583-309	
.019 x .025	.48 x .64	4583-310		4583-311		4583-312	

- For Nitinol and Nitinol HA archwires with pre-loaded stops, add a 5 at the end of the 7 digit part number.
- 10/pk unit of use

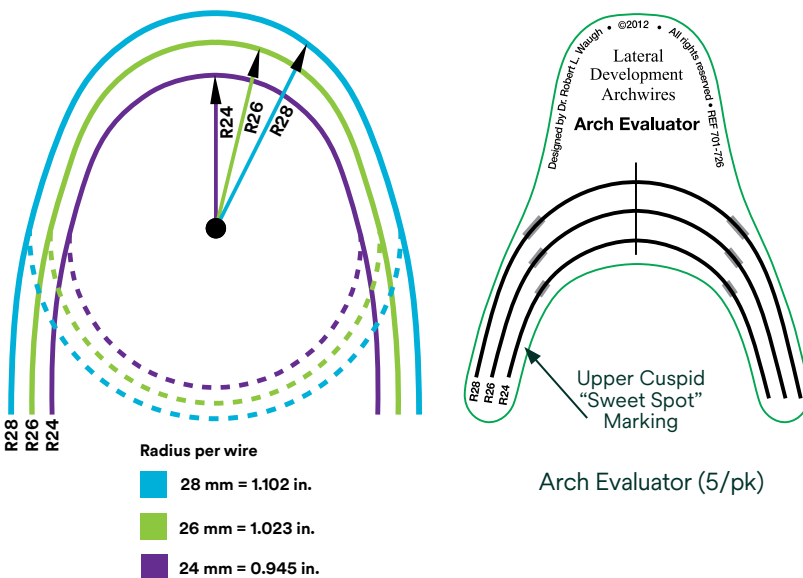
with stops

with stops

with stops

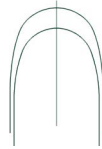
The Arch Evaluator is a useful tool that can be used at various times during treatment.

- Helps estimate the necessary lateral development
- Allows you to identify upper cuspid “Sweet Spot” position on wires and confirm proper upper cuspid bracket positioning
- Helps evaluate progression of lateral development
- Use on diagnostic model as an early guide for archwire sizing
- Can be used with wax bite to assess lateral development
- Confirms arch form size prior to insertion
- Tabletop guide for restoring shape following adjustment bends
- Reference for customizing extra-large or extra-small arch forms in extreme cases



9.14 Auxiliary Products and Accessories

Permachrome Resilient Archwire



Dimension Inches	Dimension mm		OrthoForm™ II Square		OrthoForm™ III Ovoid		OrthoForm™ LA		Standard
Round									
Upper									
.012	.30			4300-603		300-003		-	-
.014	.36		4	300-605	4	300-005		-	299-145
.016	.41		4	300-607	4	300-007		300-503	299-165
.018	.46		4	300-609	4	300-009		300-515	299-185
.020	.51		4	300-611	4	300-011		4300-521	299-205
Lower									
.012	.30			4300-604		300-004		-	-
.014	.36		4	300-606	4	300-006		-	299-146
.016	.41		4	300-608	4	300-008		300-504	299-166
.018	.46		4	300-610	4	300-010		300-516	299-186
.020	.51		4	300-612	4	300-012		4300-522	299-206
Rectangular/Square									
Upper									
.016 x .016	.41 x .41		4	300-615	4	300-015	4	300-565	298-115
.016 x .022	.41 x .56		4	300-617	4	300-017		300-567	298-175
.016 x .025	.41 x .64			4300-657	4	300-659		-	-
.0175 x .0175	.44 x .44			4293-341		4293-351	4	-	-
.017 x .022	.43 x .56			4300-619	4	300-019		4300-577	298-275
.017 x .025	.43 x .64		4	300-621	4	300-021		300-579	298-285
.017 x .025 H*	.43 x .64			9293-891		9293-893		-	-
.018 x .022	.46 x .56			4300-623	4	300-023		4300-569	-
.018 x .025	.46 x .64		4	300-625	4	300-025		300-573	298-385
.018 x .025 H*	.46 x .64			9293-917		9293-919		-	-
.019 x .025	.48 x .64		4	300-627	4	300-027		300-585	298-485
.019 x .025 H*	.48 x .64			9293-959		9293-961		-	-
.021 x .025	.53 x .64			4300-629	4	300-029		4300-593	298-585
Lower									
.016 x .016	.41 x .41		4	300-616	4	300-016	4	300-566	298-116
.016 x .022	.41 x .56		4	300-618	4	300-018		300-568	298-176
.016 x .025	.41 x .64			4300-658	4	300-660		-	-
.0175 x .0175	.44 x .44			4293-342		4293-352		-	-
.017 x .022	.43 x .56			4300-620	4	300-020		4300-578	298-276
.017 x .025	.43 x .64		4	300-622	4	300-022		300-580	298-286
.017 x .025 H*	.43 x .64			9293-892		9293-894		-	-
.018 x .022	.46 x .56			4300-624	4	300-024		-	-
.018 x .025	.46 x .64		4	300-626	4	300-026		300-574	298-386
.018 x .025 H*	.46 x .64			9293-918		9293-920		-	-
.019 x .025	.48 x .64		4	300-628	4	300-028		300-586	298-486
.019 x .025 H*	.48 x .64			9293-960		9293-962		-	-
.021 x .025	.53 x .64			4300-630	4	300-030		4300-594	298-586

*Hybrid



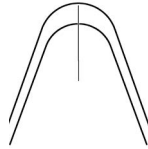
Our most popular stainless steel archwire – delivering a balance of malleability and springback.

- Better formability than Hi-T™ II
- Mid-range tensile strength
- OrthoForm II, III, LA packed

50/pk unit of use or 10/pk folders

- Standard Archform Round packed 50/pk folders, Square and Rectangular 10/pk folders
- Hybrid packed 10/pk unit of use

Permachrome Standard Archwire



Standard

Dimension Inches	Dimension mm	
Round		
Upper		
.018	.46	301-181
Lower		
.018	.46	301-182
Rectangular/Square		
Upper		
.016 x .022	.41 x .56	300-171
.017 x .025	.43 x .64	300-281
.018 x .025	.46 x .64	300-381
.019 x .025	.48 x .64	300-481
Lower		
.016 x .022	.41 x .56	300-172
.017 x .025	.43 x .64	300-282
.018 x .025	.46 x .64	300-382
.019 x .025	.48 x .64	300-482

Unit of Use

This stainless steel archwire is recommended when complex bends and loops are required.

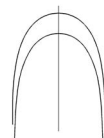
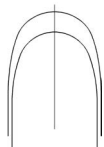
- Better malleability than Permachrome Resilient and Hi-T™ II
- Lowest tensile strength
- Round wires packed 50/pk folders, Rectangular wires 10/pk folders



9.16 Auxiliary Products and Accessories

Permachrome Posted Archwire

Miscellaneous Solder Supplies



Dimension Inches	Inter-Post mm	OrthoForm™ II Square	OrthoForm™ III Ovoid
Rectangular			
Upper			
.016 x .022	44	-	300-931
.016 x .022	42	-	300-932
.016 x .022	40	-	300-933
.016 x .022	38	300-728	300-934
.016 x .022	36	300-729	300-935
.016 x .022	34	300-730	300-936
.016 x .022	32	300-731	300-937
.019 x .025	44	-	300-938
.019 x .025	42	300-233	300-939
.019 x .025	40	300-234	300-940
.019 x .025	38	300-235	300-941
.019 x .025	36	300-236	300-942
.019 x .025	34	300-237	300-943
.019 x .025	32	300-238	300-944
Rectangular			
Lower			
.016 x .022	30	-	300-955
.016 x .022	28	-	300-956
.016 x .022	26	-	300-957
.016 x .022	24	-	300-958
.016 x .022	22	-	300-959
.019 x .025	30	300-244	300-960
.019 x .025	28	300-245	300-961
.019 x .025	26	300-246	300-962
.019 x .025	24	300-247	300-963
.019 x .025	22	-	300-964



- High tensile strength
- Stainless steel wires with brass alloy posts
- Available in folder packs only
- 10/pk

Solder Supplies

Soldering Flux

700-202

Silver Solder

- Dead soft. Contains no toxic cadmium.
- 2-DWT package

700-101 Light, Diameter: 0.010 in. (0.25 mm); Length: 30 feet (9.14 meters)

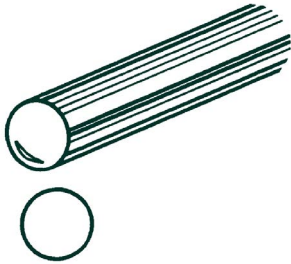
700-102 Regular, Diameter: 0.015 in. (0.38 mm); Length: 20 feet (6.10 meters)

700-103 Heavy, Diameter: 0.025 in. (0.64 mm); Length: 10 feet (3.05 meters)

Stainless Steel Straight Lengths

Round Wire

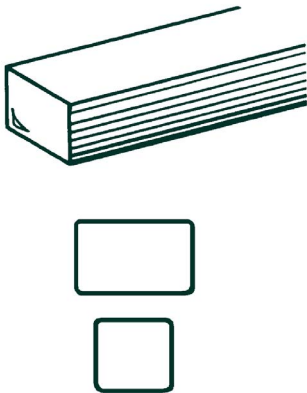
- 14 in. (35.6 cm)
Straight Lengths



Size		Permachrome Standard	Qty/ Pkg	Permachrome Resilient	Qty/ Pkg
Inches	mm				
.010	.25	211-100	40	-	
.012	.30	211-120	40	-	40
.014	.36	211-140	40	213-140	40
.015	.39	211-150	40	-	
.016	.41	211-160	40	213-160	40
.018	.46	211-180	40	213-180	40
.020	.51	211-200	40	213-200	40
.021	.53	211-210	35	-	
.022	.56	211-220	35	-	
.024	.61	211-240	30	-	
.025	.64	211-250	30	220-250	30
.026	.66	211-260	30	-	
.028	.71	211-280	25	220-280	30
.030	.76	211-300	25	220-300	30
.032	.81	211-320	25	220-320	30
.036	.91	211-360	25	220-360	25
.040	1.0	211-400	20	-	
.045	1.14	211-450	15	-	
.051	1.3	211-510	15	-	
.055	1.4	211-550	15	-	

Rectangular and Square Wire

- Slightly radiused corners facilitate insertion into bracket slot with no appreciable loss of torque
- Square wire for control with optimum sliding mechanics
- Tighter diagonal tolerance on .016 x .016 to avoid rolling in slot
- 10/pk



14 in. (35.6 cm) Straight Lengths

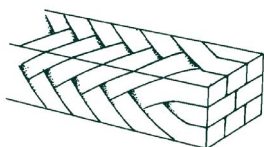
Size		Permachrome Standard	Permachrome Resilient
Inches	mm		
.016 x .016	.41 x .41	251-616	253-616
.016 x .022	.41 x .56	251-622	253-622
.017 x .022	.43 x .56	251-722	253-722
.017 x .025	.43 x .64	251-725	253-725
.018 x .018	.46 x .46	-	253-818
.018 x .022	.46 x .56	251-822	253-822
.018 x .025	.46 x .64	251-825	253-825
.019 x .025	.48 x .64	251-925	253-925
.020 x .025	.51 x .64	-	253-025
.021 x .025	.53 x .64	251-125	253-125
.0215 x .028	.55 x .71	251-228	253-228

9.18 Auxiliary Products and Accessories

Multi-Strand Archwire

Braided Wire

- Eight (8) strand Braided Rectangular
- Three dimensional control
- Wide working range
- 10/pk

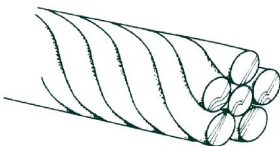


			
Dimension Inches	Dimension mm	OrthoForm™ II Square	OrthoForm™ III Ovoid
Rectangular/Square			
Upper			
.016 x .016	.41 x .41	300-905	-
.016 x .022	.41 x .56	300-907	-
.017 x .025	.43 x .64	300-909	300-967
.018 x .025	.46 x .64	300-911	-
.019 x .025	.48 x .64	300-913	300-971
.021 x .025	.53 x .64	300-915	-
Lower			
.016 x .016	.41 x .41	300-906	-
.016 x .022	.41 x .56	300-908	-
.017 x .025	.43 x .64	300-910	300-968
.018 x .025	.46 x .64	300-912	-
.019 x .025	.48 x .64	300-914	300-972
.021 x .025	.53 x .64	300-916	-

Round

Coaxial Wire

- Five (5) tempered wires wrapped around a core wire
- Light force
- Highly flexible – easy to engage
- Excellent initial wire
- One form for both U/L arches
- Ends do not unravel when cut
- 10/pk



Size		OrthoForm™ II
Inches	mm	14 in. Lengths
.0155	.40	300-760
.0175	.45	300-761
.0195	.48	300-762
.0215	.51	300-763

Twist Wire

- Three (3) strand twist
- More continuous light force over greater working range than solid round wire of same diameter
- 10/pk

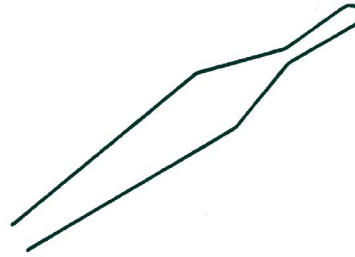


Size		OrthoForm™ II	
Inches	mm	Upper	Lower
.0175	.45	300-701	300-702

Ligature Wire and Tie Hooks

Ligature Wire

- Preformed ligature slips easily over all brackets
- Coated preformed ligature wire; ideal for esthetic brackets such as Clarity™ Brand Brackets
- Dead soft permachrome wire in color coded bundles of 200
- Coated ligature wire reduces friction between archwire and bracket



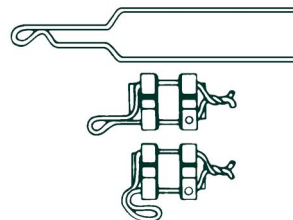
Preformed Uncoated (1,000/pk)			
Diameter		Color	
Inches	mm	Band	
.008	.20	390-080	Yellow
.009	.23	390-090	Green
.010	.25	390-100	Blue
.011	.28	390-110	Pink
.012	.30	390-120	Black
.014	.36	390-140	Red

Spool Uncoated		
Diameter		16 oz.
Inches	mm	(.45 kg)
.008	.20	200-084
.009	.23	200-094
.010	.25	200-104
.011	.28	200-114
.012	.30	200-124
.014	.36	200-144

Auxiliary Ligature Tie Hooks

- .014 in. (.36 mm) ligature wire spot-welded to form a hook
- Slips under tie-wing, secures like ligature
- Tie-in mesially or distally with archwire in place

390-145 100/pk



9.20 Auxiliary Products and Accessories

Retainer Wire

Hawley Labial Retainer (Single Loop)

- .030 in. (.76 mm) Permachrome Resilient Wire
- Preformed three dimensional complex bends, including lateral indents and convoluted palatal extensions for positive anchorage
- Ready to anchor in acrylic base
- Center of loop is on marginal ridge of cuspid



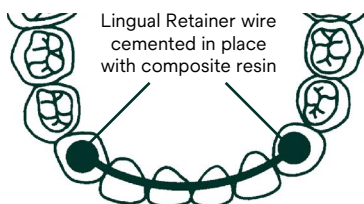
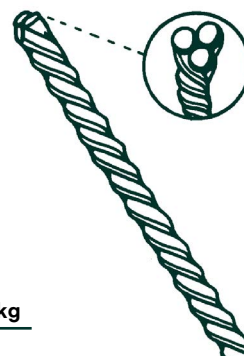
Hawley Retainer Wires (1/Pack)

Length (mm*)	Size		Length (mm*)	Size	
32.8	0	360-300	45.3	5	360-305
35.2	1	360-301	47.8	6	360-306
37.8	2	360-302	50.3	7	360-307
40.3	3	360-303	52.7	8	360-308
42.8	4	360-304	55.2	9	360-309

*Center distal loop to distal loop which corresponds to the distance cuspid to cuspid

Lingual Retainer Wire (Bondable)

- 7 in. (17.8 cm) straight lengths
- .032 in. (.81 mm) stainless steel in tight twist, will not unravel when cut
- Tight spiral twist facilitates bonding without end loops or bonding pads
- Bond any or all teeth in segment



Lingual Retainer wire
cemented in place
with composite resin

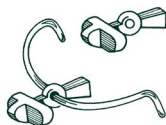
Diameter		Order	
Inches	mm	No.	Qty/Pkg
.032	.81	260-032	25

Lingual Retainer Kit

- 25 each Twist wire
- 50 each AlastiK™ EZ3 Holders
- Complete Instructions

709-060

AlastiK™ EZ3 Holder



• Not Made With Natural Rubber Latex

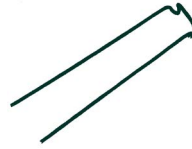
- Pre-bonding lingual wire support
- Eliminates need for wax, ligature wire, floss threader or manual assistance

406-044 10/pk

Clasps

Modified Arrowhead Clasps

- Permachrome Resilient
- Grips single teeth independently
- Use on primary, permanent or semi-erupted teeth

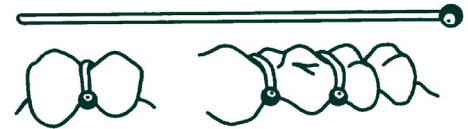


Modified Arrowhead Clasp (10/Pk)

Size		Width		
Inches	mm	(mm)		
.024	.61	5.5	362-241	Primary & Permanent Cuspids
.024	.61	6.5	362-243	Primary & Permanent Cuspids
.028	.71	6.0	362-282	Bicuspid & Primary Molars
.028	.71	7.0	362-284	Primary Molars
.028	.71	8.0	362-285	Permanent Molars
.028	.71	9.0	362-286	Permanent Molars
.028	.71	10.0	362-287	Permanent Molars
.028	.71	11.0	362-288	Permanent Molars
.028	.71	12.0	362-289	Permanent Molars

Ball Clasps

- Length 1.38 in. (34.9 mm)
- Stainless steel round wire with integrated round ball at one end
- Ball diameter approximately twice wire diameter
- 10/pk



Wire		Length		
Diameter				
in.	mm	in.	mm	
.024	.61	1.38	34.9	364-240
.028	.71	1.38	34.9	364-280
.032	.81	1.50	38.1	364-320
.040	1.02	1.50	38.1	364-400

Archwire Accessories

Archwire Dispenser

Holds up to six boxes of archwires (archwires not included). White Plexiglass.

453-012



Light Wire Arch Computer

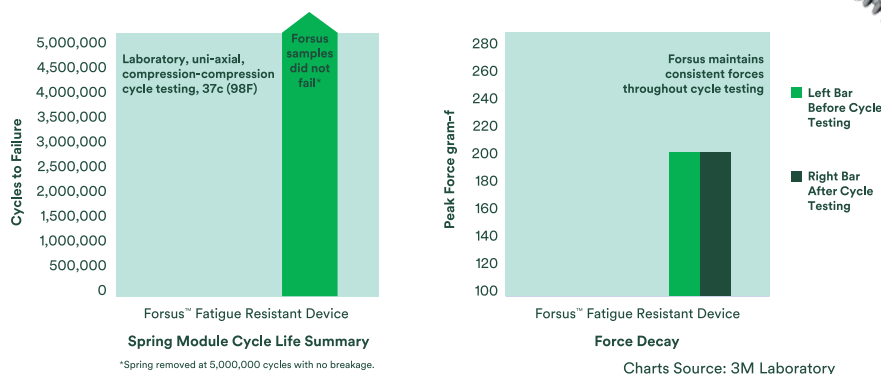
Flexible vinyl computer used for fast determination of proper archwire size by measuring cuspid-to-cuspid distance on patient's model.

701-720

9.22 Auxiliary Products and Accessories

Forsus™ Class II Correctors

You can provide a proven, efficient, esthetic Class II correction treatment choice for your patients – one that works 24/7 with no patient compliance required. Forsus Class II Correctors are an effective alternative to headgear and elastics that can be added at any time, with or without molar bands. It's easy to see why more than one million patients have used Forsus appliances in treatment, with beautiful, predictable results.



Forsus Class II Correctors are a study in efficiency that eliminates time-consuming laboratory setup. Attach the Forsus appliance to the upper molars and lower arch, creating a mesial force on the lower arch and a distal force on the upper arch. Long-lasting, consistent forces mean a more predictable outcome for your patients.



The Forsus Class II Corrector is fatigue resistant to perform reliably throughout the course of treatment. Best of all, as an intra-oral corrector, it is out of sight, making it your choice for esthetic Class II correction.

Product Benefits:

- Esthetic – no more headgear
- Out-of-the-box solution – no labs required
- Use with or without molar bands
- Efficient treatment that works 24/7



The L-pin module allows for more flexible installation options and movement in the mouth. It can be used with a gingival or occlusal headgear tube. The left and right sides are universal. It is also used with the Forsus Wire Mount, permitting installation without a molar tube.

Forsus™ Fatigue Resistant Device

Kits (see contents chart)	EZ2 Module	L-Pin Module
5-Patient Kit	885-141	885-121
20-Patient Kit	885-142	885-122
1-Patient Kit		
All 1-Patient Kits include 2 spring modules (EZ2 or L-pin), 1 right push rod, 1 left push rod, and 2 split crimps		
1-Patient Kit, Push Rod X-Short (22 mm)	885-150	-
1-Patient Kit, Push Rod Short (25 mm)	885-143	885-126
1-Patient Kit, Push Rod Medium (29 mm)	885-144	885-127
1-Patient Kit, Push Rod Large (32 mm)	885-145	885-128
1-Patient Kit, Push Rod X-Large (35 mm)	885-146	885-129
1-Patient Kit, Push Rod XX-Large (38 mm)	885-147	-

Reorder Packs	Unit	Left/Right	Part Number
Spring Modules			
EZ2 Spring Modules - Left	5/pk	L	885-148
EZ2 Spring Modules - Right	5/pk	R	885-149
L-Pin Spring Modules	5/pk		885-100
L-Pins	10/pk		885-110

Push Rods			
Push Rod XS (22 mm), no stop	5/pk	L	885-009
Push Rod XS (22 mm), no stop	5/pk	R	885-010
Push Rod Short (25 mm)	5/pk	L	885-111
Push Rod Short (25 mm)	5/pk	R	885-112
Push Rod Medium (29 mm)	5/pk	L	885-113
Push Rod Medium (29 mm)	5/pk	R	885-114
Push Rod Large (32 mm)	5/pk	L	885-115
Push Rod Large (32 mm)	5/pk	R	885-116
Push Rod XL (35 mm)	5/pk	L	885-117
Push Rod XL (35 mm)	5/pk	R	885-118
Push Rod XXL (38 mm), no stop	5/pk	L	885-107
Push Rod XXL (38 mm), no stop	5/pk	R	885-108

Auxiliaries	Unit	Part Number
Forsus Wire Mount .018	10/pk	885-151
Forsus Wire Mount .022	10/pk	885-152
Forsus Reactivation Spacer	10/pk	885-200
Split Crimps	50/pk	885-203
Push Rod Measurement Guide	5/pk	807-014

Requisites for Proper Installation of Forsus Correctors

Stainless Steel Archwires

.017 x .025 in. .018 Slot Brackets

.019 x .025 in. .022 Slot Brackets

Steel-ligated lower cuspid brackets

Lower archwire cinched back distal to buccal tube

Negative torque in lower anterior brackets of at least -5°

or

Steel-ligated lower arch

Specifically For the EZ2 Module:

Buccal tube with a buccally-offset occlusal headgear tube

Also Consider

Gurin Lock distal to canine

Weingart Pliers for Installation

Cutters for L-Pin Trimming

Kit Contents	5-Patient Kit		20-Patient Kit	
Spring Modules	L-Pin	EZ2	L-Pin	EZ2
EZ2 Modules	-	5 L, 5 R	-	20 L, 20 R
L-Pin Modules	10	-	40	-
L-Pins	16	-	50	-
Push Rods				
X-Short (22 mm)	-	1 L, 1 R	-	5 L, 5 R
Short (25 mm)	1 L, 1 R	1 L, 1 R	5 L, 5 R	5 L, 5 R
Medium (29 mm)	1 L, 1 R	2 L, 2 R	5 L, 5 R	5 L, 5 R
Large (32 mm)	2 L, 2 R	1 L, 1 R	5 L, 5 R	5 L, 5 R
X-Large (35 mm)	1 L, 1 R	-	5 L, 5 R	-
Auxiliaries				
Split Crimps	16	16	50	50
Measurement Guides	2	5	5	20



Training Materials	Part Number
Forsus Fatigue Resistant Device Treatment Guide	012-264
Forsus Correctors EZ2 Module Installation CD	012-190

Consultation Tools	Part Number
Forsus EZ2 with Clarity™ Advanced Brackets	600-242
Forsus EZ2 with SmartClip™ Brackets	600-233
Forsus Patient Brochure	016-963

9.24 Auxiliary Products and Accessories

Auxiliary Products

AlastiK™ Force Products

AlastiK™ Easy-To-Tie Ligatures

AlastiK™ Force Products

- **Not Made With Natural Rubber Latex**
 - Exciting colors
- All colors are fade resistant for a minimum of one month in artificial saliva, 8% ethanol in water, cottonseed oil and carbonated citrated sodas.

AlastiK™ Easy-To-Tie Ligatures

AlastiK Easy-To-Tie Ligatures are designed with a 45° bend for easy and efficient tie-wing hook up. The unique angled shape reduces the range of movement needed for bracket ligation, improving/decreasing ligation time.



Choose from 20 fade-resistant colors. One size fits most twin brackets.

Quantity 100 sticks per pack (1,000 ligatures).

AlastiK Easy-To-Tie Ligature

Color	Model Number
Clear	406-870
Gray	406-871
Smoke	406-872
Light Blue	406-873
Dusky Blue	406-874
Teal	406-876
Lavender	406-877
Navy Blue	406-878
Kelly Green	406-880
Yellow	406-881
Deep Black	406-882
Silver	406-884
Green Metallic	406-887
Radical Red	406-979
Screaming Pink	406-980
Plum Crazy	406-981
Orange Blast	406-982
Extreme Green	406-983
Mediterranean Blue	406-985
Obscure	406-986
Mixed Assorted	406-888

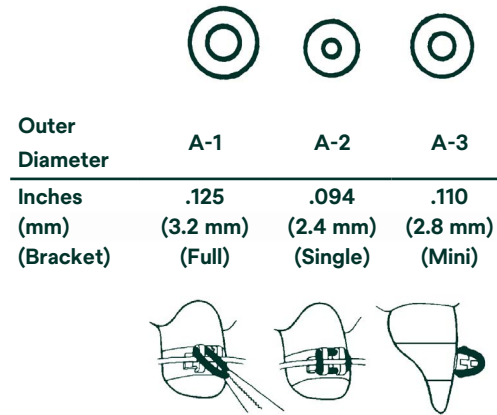
A Modules

Mini-StiK™ Patient Sticks

A Modules

- **Not Made With Natural Rubber Latex**

- Injection molded
- Easy to use
- Comfortable to wear
- Packing options:
 - AlastiK™ MiKro-StiK™ System for unit-of-use dispensing
 - Mini-StiK™ patient sticks
 - QuiK-StiK™ with central ring-grip
 - Loose



Mini-StiK Patient Sticks

- **Not Made With Natural Rubber Latex**

- A-1 or A-3 modules
- 24 modules per stik
- Injection molded for smooth, comfortable surface
- Exciting colors

42 StiKs per bag (1,008)

Colors	A-1	A-3
Gray	406-381	406-351
Clear	406-382	406-352
Smoke	406-903	406-943
Light Blue	406-906	406-946
Dusky Blue	406-907	406-947
Teal	406-909	406-949
Lavender	406-910	406-950
Kelly Green	406-916	406-956
Yellow	406-918	406-958
Silver	406-922	406-962
Green Metallic	406-935	406-975

Colors	A-1	A-3
Navy Blue	406-937	406-977
Deep Black	406-938	406-978
Assorted	406-924	-
Radical Red	406-221	406-232
Screaming Pink	406-222	406-233
Plum Crazy	406-223	406-234
Orange Blast	406-224	406-235
Extreme Green	406-225	406-236
Obscure	406-226	406-237
Mediterranean Blue	406-227	406-238

9.26 Auxiliary Products and Accessories

QuiK-StiK™

Loose Modules

B Modules

QuiK-StiK

- Not Made With Natural Rubber Latex
- A-1 or A-2 modules
- 60 modules per stick
- Central thumb ring
- A-1 is .125 in. (3.2 mm) outer diameter
- A-2 is .094 in. (2.4 mm) outer diameter

167 StiKs per bag
(10,020) A-1

Gray	406-476
Clear	406-477



17 StiKs per bag (1,020)

Colors	A-1	A-2
Gray	406-407	406-408
Clear	406-417	-
Smoke	406-703	-
Light Blue	406-706	-
Dusky Blue	406-707	-
Teal	406-709	-
Lavender	406-710	-
Kelly Green	406-716	-
Yellow	406-718	-
Silver	406-722	-
Green Metallic	406-735	-

Colors	A-1	A-2
Navy Blue	406-737	-
Deep Black	406-738	-
Assorted	406-724	-
Radical Red	406-241	-
Screaming Pink	406-242	-
Plum Crazy	406-243	-
Orange Blast	406-244	-
Extreme Green	406-245	-
Obscure	406-246	-
Mediterranean Blue	406-247	-

Loose A-1 Modules – 1,000 per package

- Not Made With Natural Rubber Latex

Colors	Force	A-1
Clear	Medium	406-011
Gray	Medium	406-007
Clear	Heavy	406-009

B Modules – 100 per package

- Not Made With Natural Rubber Latex
- Injection molded
- 4 size



Colors	Force	Center to Center Inches (mm)	B-1 .145 (3.7)	B-2 .175 (4.4)	B-3 .230 (5.8)	B-4 .325 (8.3)
Clear	Medium	-	406-021	406-022	406-023	406-027
Gray	Medium	-	406-091	406-092	406-093	406-094
Clear	Heavy	-	406-024	-	-	-

See Archwire Products section for coated and uncoated ligature wires and auxiliary ligature tie hooks.

C Modules

Precut Chain Reel

C Modules

- Not Made With Natural Rubber Latex
- Three configurations
- Refer to each product for center to center measurement

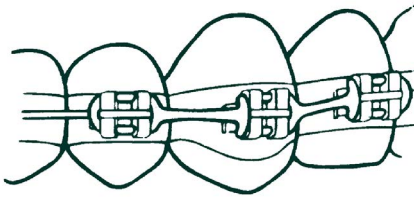
C-1 Short Chain



***C-2** Long Chain



CK Continuous Chain



Packaging options include: bobbins, spools, and pre-cut lengths.

*C-2 only available in Precut C Module Chains

Precut C Module Chains (Injection molded)

12 module unit-of-use sections (10/pk)

- Not Made With Natural Rubber Latex

Colors	Force	Center to Center Inches (mm)	C-1 Mandibular .150 (3.8)	C-2 Maxillary .170 (4.3)	CK .115 (2.9)
Clear	Medium		406-031	406-032	406-035
Gray	Medium		406-029	406-030	406-036

Colors	Force	Center to Center Inches (mm)	.150 (3.8)	.175 (4.4)
Clear	Heavy		406-033	406-034

Continuous C Module Chain Reel

- Not Made With Natural Rubber Latex

- 3 ft. (91 cm) per reel
- Die-cut chain
- Medium force



Colors	Force	Center to Center Inches (mm)	C-1 .140 (3.6)	CK .110 (2.8)	
Clear	Medium		406-137	406-869	Package of 4 reels
Gray	Medium		406-037	406-669	Package of 4 reels
Clear	Medium		406-140	-	Package of 40 reels
Gray	Medium		406-040	-	Package of 40 reels

9.28 Auxiliary Products and Accessories

Continuous Chains Bobbin

Elastomeric Ligature with Guard

Continuous Chains Bobbin

- Not Made With Natural Rubber Latex
- 15 ft. (457 cm) per bobbin

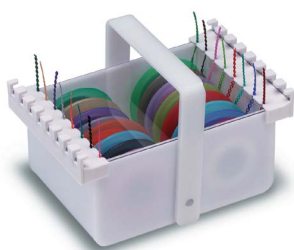
- Die-cut chain
- Color coordinated bobbin for easy identification

- Medium force
- 1 bobbin/pk



Colors	in. (mm)	Distance Center to Center	
		C-1 .140 (3.6)	CK .110 (2.8)
Gray		406-611	406-621
Clear		406-612	406-622
Green Metallic		406-655	406-645
Navy Blue		406-657	406-647
Deep Black		406-658	406-648
Smoke		406-673	406-623
Light Blue		-	406-626
Dusky Blue		-	406-627
Teal		406-679	406-629
Lavender		406-680	406-630
Kelly Green		406-686	406-636

Colors	in. (mm)	Distance Center to Center	
		C-1 .140 (3.6)	CK .110 (2.8)
Yellow		406-688	406-638
Silver		406-692	406-642
Radical Red		406-297	406-306
Screaming Pink		406-298	406-307
Plum Crazy		406-299	406-308
Orange Blast		406-300	406-309
Extreme Green		406-301	406-310
Obscure		406-302	406-312
Mediterranean Blue		406-303	406-313



AlastiK™ Bobbin Dispenser

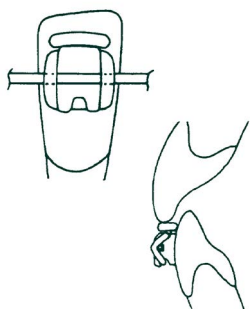
- Not Made With Natural Rubber Latex
- Holds 16 bobbins
- Removable handle
- Replaceable blade

406-927

Replacement Blade Set

- Replacement Blade Set (2)
- 406-928

Elastomeric Ligature with Guard



• Not Made With Natural Rubber Latex

- .124 in. (3.1 mm) outer diameter
- Reduces tooth contact with brackets on mandibular teeth
- Injection molded memory material
- Disc dispenser, 10 modules per disc, 10 discs per package
- 406-430 Clear
- 406-429 Silver

Separator Modules

S Modules (Separators)



- **Not Made With Natural Rubber Latex**

- Pre-banding separators
- Three sizes
- Packaging options:
 - Loose
 - QuiK-StiK™

- Thermal sensitive
- Optimal effect when not over-stretched beyond:

S1	12 mm
S2	15 mm
S3	20 mm
SX	15 mm

Loose S Modules

- **Not Made With Natural Rubber Latex**

- Three sizes
- 100/pk*

Colors	Outer Diameter Inches (mm)	 S1 Anterior .140 (3.6)	 S2 Posterior .175 (4.4)	 S3 Posterior .210 (5.3)
Clear		406-081	406-082	406-085
Blue		-	406-084	-
Green		406-083	-	-

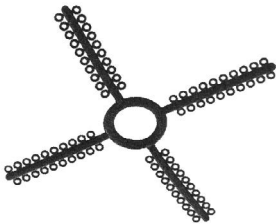
*Box available upon request


SX
Posterior
.190 in.
(4.8 mm)
Radiopaque
Dusky Blue
406-086 100/pk
406-087 1,000/pk

QuiK-StiK™ S Modules

- **Not Made With Natural Rubber Latex**

- 80 modules per stick, 13 sticks/pk
- Two sizes



Colors	Inches (mm)	Outer Diameter	
		S1 .145 (3.7)	S2 .175 (4.4)
Gray		406-411	406-410

9.30 Auxiliary Products and Accessories

K Modules

K Modules

- **Not Made With Natural Rubber Latex**
- For intermaxillary Class II and intramaxillary Class III applications
- 100/pk

Colors	Force	Center to Center Inches (mm)	 K-0	 K-1	 K-2	 K-3
			.400 (10.2)	.455 (11.6)	.650 (16.5)	.850 (21.6)
Clear	Medium		-	406-051	-	-
Gray	Medium		406-068	406-074	406-075	-
Clear	Heavy		-	406-054	-	406-056

KX Modules



- **Not Made With Natural Rubber Latex**
- Greater force delivery than K modules
- Designed for intermaxillary application
- Typical application is from a hook on distal molar to an archwire hook in the cuspid region
- 100/pk

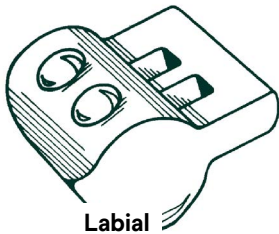
Colors	Force	Center to Center Inches (mm)	 KX-1	 KX-2	 KX-3
			.235 (6.0)	.310 (7.9)	.415 (10.5)
Clear	Medium		406-060	406-057	406-062
		Inches (mm)	.230 (5.8)	.300 (7.6)	.405 (10.3)
Gray	Medium		406-064	406-059	406-065

Rotation Wedge

Action Line

EZ3 Holder

Rotation Wedge



Labial

- **Not Made With Natural Rubber Latex**

- Serves as wedge when archwire is ligated to opposing tie-wings
- Preformed tabs snap over tie-wings

Labial

100/pk

Gray

406-043

Lingual .010 in. (.25 mm) ligature wire

10/pk

Gray

390-150

Action Line Thread

- **Not Made With Natural Rubber Latex**

- For rotating and extruding teeth, closing minor space and other intraoral applications
- Clear polyurethane elastomeric thread
- Self-sealing bobbin

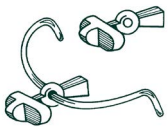
25 ft. (7.62 m) Bobbin
Diameter

.020 in. (.51 mm) **407-020**

.025 in. (.64 mm) **407-025**

.030 in. (.76 mm) **407-030**

EZ3 Holder



- **Not Made With Natural Rubber Latex**

- Pre-bonding lingual wire support
- Eliminates need for wax, ligature wire, floss threader or manual assistance
- 406-044 10/pk

Action Line Tubing

- **Not Made With Natural Rubber Latex**

- Hollow tubing for tighter knots
- Natural color elastomeric tubing
- Self-sealing bobbin

25 ft. (7.62 m) Bobbin
Diameter

.020 in. (.51 mm) **407-120**

.025 in. (.64 mm) **407-125**

.030 in. (.76 mm) **407-130**

9.32 Auxiliary Products and Accessories

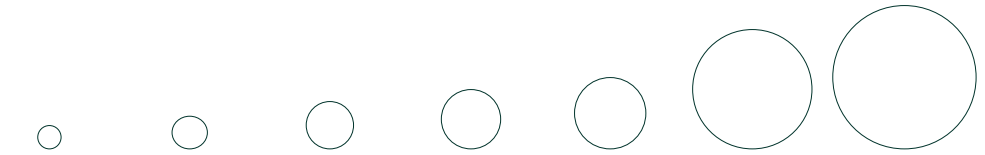
People Pack Intraoral Elastics

People Pack Intraoral Elastics

- Made With Natural Rubber Latex
- Coated With Cornstarch
- Precision-cut, surgical-grade latex
- No color additives
- Size and force ratings are clearly marked on packaging

- Cross indexed by color and symbol
- Patient pack illustration allows written directions on surface

- No color additives
- Size and force ratings are clearly marked on packaging

									
Sizes (I.D.) (Slack Diameters)			1/8 in. (3.2 mm)	3/16 in. (4.6 mm)	1/4 in. (6.4 mm)	5/16 in. (7.9 mm)	3/8 in. (9.5 mm)	5/8 in. (16 mm)	3/4 in. (19 mm)
		Pack Color							
Force Rating*	Pkg. Code	Purple	Green	Red	Blue	Orange	Aqua	Yellow	
Light	2 oz.		Carlos	Pete	Gary	Greg	Tom	Andy	Ernie
	(56.7 g)		404-116	404-126	404-136	404-146	404-156	404-166	404-176
Medium-light	3 1/2 oz.		Dave	Dwight	Chuck	Cliff	Will	Paul	Hal
	(99.2 g)		404-216	404-226	404-236	404-246	404-256	404-266	404-276
Medium	4 oz.		Cathy	Bill	Elliot	Louie	Joe	-	-
	(113.4 g)		404-516	404-526	404-536	404-546	404-556	-	-
Medium-heavy	5 1/2 oz.		-	Ken	-	-	-	-	-
	(155.9 g)		-	404-426	-	-	-	-	-
Heavy	6 oz.		Debbie	Bummer	Fred	Roger	George	-	-
	(170.1 g)		404-616	404-626	404-636	404-646	404-656	-	-
Extra-heavy	8 oz.		Gloria	Roberto	Fran	Anna	John	-	-
	(226.8 g)		404-716	404-726	404-736	404-746	404-756	-	-

Packaging: All Intraoral sizes – 100 elastics per patient pack, 30 packs per box (Total 3,000 elastics)

*Force rating based upon stretching the elastic three times slack diameter

Archwire Hooks and Stops

Adjustable Sliding Yoke

Archwire Hooks and Stops

- Crimpable
- Light loads
- 2 mm length
- Wall: round .015 in. (.38 mm)
- Split crimpable can be placed without removing wire
- Use crimping plier or dull hard wire cutter
- Ideal with Nitinol wire
- Weldable
- Medium hard temper
- One or two welds to permanently anchor
- .006 in. (.15 mm) wall
- Choice of two lengths: Round 2 mm or 1 mm; Rectangular 2 mm
- Use with extraoral headgear

Adjustable Sliding Yoke



- Clip onto archwire
- Adjust length then crimp
- 310-200 10/pk

To Fit Round Wire

		Crimpable		Split Crimpable		Weldable	
							
Inches	(mm)	w/Arch Hook	Stop w/o Hook	w/Arch Hook	Stop w/o Hook	w/Arch Hook 2 mm length	Stop w/o Hook 1 mm length
		10/pk	100/pk	10/pk	100/pk	10/pk	100/pk
.016/.018	(.41)	-	-	536-610	517-610	-	-
.020	(.51)	-	-	-	-	-	513-111
.022	(.56)	535-712	515-712	536-620	517-620	532-122	513-121
.025	(.64)	535-732	-	-	-	532-132	-
.030	(.76)	-	-	536-730	517-730	532-142	-
.036	(.91)	535-752	515-752	536-740	517-740	532-152	-
.040	(1.02)	-	-	536-750	517-750	532-162	-
.045	(1.14)	-	-	-	-	532-172	513-171
.051	(1.30)	-	-	-	-	-	513-181

To Fit Rectangular Wire

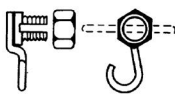
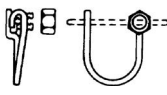
Crimpable		Wall Thickness		w/ Extraoral Hook .025 in. (.64 mm)		w/Arch Hook		Stop w/o Hook	
Inches	(mm)	Inches	(mm)	10/pk		10/pk		100/pk	
.016 x .026	(.41 x .66)	.012	(.30)	534-720		533-720		516-722	
.018 x .025	(.46 x .64)	.013	(.33)	534-710		533-710		516-712	
.022 x .028	(.56 x .71)	.015	(.38)	534-740		533-740		516-742	
Split Crimpable									
Inches	(mm)								
.018 x .025	(.46 x .64)			538-610		537-610		518-610	
.022 x .028	(.56 x .71)			538-740		537-740		518-740	
Weldable									
Inches	(mm)								
.016 x .026	(.41 x .66)			531-120		-		-	
.018 x .028	(.46 x .71)			531-110		530-110		-	

9.34 Auxiliary Products and Accessories

Gurin Auxiliaries

Gurin Auxiliaries

- Anchor without welding or soldering
- Adjustable
- 1 each

Auxiliary	Description	L/R	For Archwire Sizes			
			.014 / .016 in. (.36 - .41 mm)	.018 / .022 in. (.46 - .56 mm)	.028 / .036 in. (.71 - .91 mm)	.038 / .045 in. (.97 - 1.14 mm)
			Extra-Small	Small	Medium	Large
Locks 	Used as adjustable stops, tie-back stops, or to activate coil springs for opening or closing spaces	-	560-100	560-200	560-300	560-400
Nuts 	For replacement	-	561-100	561-200	-	561-400
Intraoral Hooks 	For elastics	R L	563-101 563-102	563-201 563-202	- -	563-401 563-402
Extraoral Hooks 	For extraoral traction	R L	- -	562-101 562-102	- -	- -
Loop Springs 	For individual tooth movement as a push or pull spring	R L	- -	566-201 566-202	- -	- -
Finger Springs 	For individual tooth movement - banded or unbanded	-	-	565-200	-	-
Retraction Loops 	Eliminates need to bend retraction loop in archwire	R L	- -	564-101 564-102	- -	- -
Gurin Lock Wrenches 	• For tightening hexagon head lock nuts on Gurin auxiliaries • Machined from stainless steel • Has a knurled grasp		810-001 For extra-small and small lock nuts			
			810-002 For medium and large lock nuts			

Nitinol Coil Springs

Nitinol Coil Springs

Nitinol Open Coil Springs

Length 7" (175 mm)

Packaged 3 per tube

Available in three forces



Order No.	Min. Inner Diam. (Arbor)	Desc.	Opening Force (g) 25 mm (1") Length Compressed to 19 mm (0.75")
345-100	0.030" (0.76 mm)	Light	100 g
345-200	0.030" (0.76 mm)	Medium	200 g
345-275	0.033" (0.84 mm)	Heavy	275 g

Nitinol Closed Coil Springs

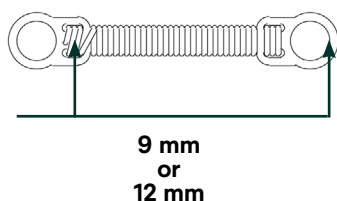
Length 9 mm and 12 mm lengths,

B Dimension, inner diameter

(arbor) 0.030" (0.76 mm).

Packaged 10 per box. Each

available in three forces.



Description	9 mm	Force (g) @ 12 mm Ext.	12 mm	Force (g) @ 24 mm Ext.
Light	344-150	150 g	346-150	150 g
Medium	344-200	200 g	346-200	200 g
Heavy	344-250	250 g	346-250	250 g

Important: Do not expand 9 mm coil to more than 22 mm total length from eyelet to eyelet or do not twist more than 180° (half a turn) to avoid deformation or significant change in force. A 12 mm coil spring is recommended for cases which require the spring to be expanded to 22-36 mm from eyelet to eyelet.

Caution: Not designed for use between upper and lower arches.

9.36 Auxiliary Products and Accessories

Retraction Springs

Hi-T II Coil Springs

- 3 ft. (.91 m) self-sealing bobbin
- Stainless steel spring

Hi-T II Wire Diameter		Arbor Diameter		Close-Wound	Open-Space Wound
Inches	(mm)	Inches	(mm)		
.006	(.15)	.020	(.51)	341-110	341-111
		.022	(.56)	341-120	341-121
.007	(.18)	.022	(.56)	341-220	341-221
.008	(.20)	.022	(.56)	341-320	341-321
		.030	(.76)	341-330	341-331
		.032	(.81)	341-340	341-341
		.036	(.91)	341-350	341-351
.009	(.23)	.022	(.56)	341-420	341-421
		.030	(.76)	341-430	341-431
		.032	(.81)	341-440	341-441
		.036	(.91)	341-450	341-451
.010	(.25)	.030	(.76)	341-530	341-531
		.032	(.81)	341-540	341-541
		.036	(.91)	341-550	341-551
		.040	(1.02)	341-560	341-561

Retraction Springs

- .188 in. (4.8 mm) close-wound spring
- Intermaxillary retraction
- Built-in ligature tie on one end, preformed coil loop at other end 90° to helix

Force Rating

Technique (at 3 mm elongation)

Light wire 4 oz. (113.4 g) 342-100

Edgewise 8 oz. (226.8 g) 342-101

10/pk



T Springs

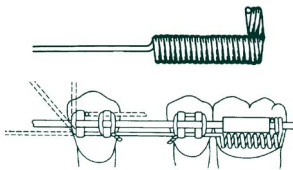
Rotation Springs

T Springs (Pletcher Springs)

- .188 in. (4.8 mm) close-wound retraction spring
- Two configurations
- Coil loop at distal end 90° to helix

Standard T Spring

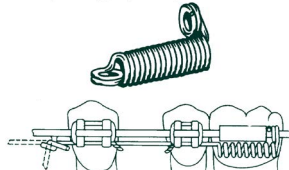
Free end is straight length extending from last helix



Ligature

Looped T Spring

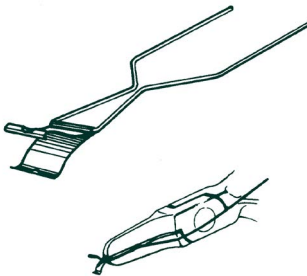
Incorporate a mesial loop for attachment of ligature wire



Ligature

10/pk					
Wire Size		Arbor Size		Standard	Looped
Inches	(mm)	Inches	(mm)	T Spring	T Spring
.009	(.23)	.030	(.76)	-	343-430
.011	(.28)	.030	(.76)	342-630	343-630
.012	(.30)	.030	(.76)	-	343-730
		.036	(.91)	342-750	343-750

Rotation Springs



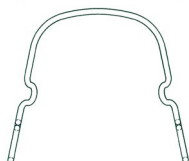
- Steiner Rotation Spring Wedge
- Comes with .010 in. (.25 mm) ligature wire already in place
- Wings made of Alloy 718, an age-hardened nickel-based aerospace alloy for more spring back
- Centered notch on rolled-edge of one spring wing stabilizes wedge under archwire
- 090-101 Short wing, 10/pk
- 090-102 Long wing, 10/pk

9.38 Auxiliary Products and Accessories

Preformed Lingual Arches

Preformed Lingual Arches

- Horizontal Lingual Arches
- Permachrome wire (medium-hard)
- Adjustable (15° bilateral loops)
- Double-back bends on distal loops



Arch Length (mm)	Arch Length (in.)	Fraction Dimensions	Adjustable .030 in. / (.76 mm)	.036 in./ (.91 mm)
57	2.25	2 1/4	314-118	314-218
60	2.36	2 3/8	314-119	314-219
64	2.50	2 1/2	314-120	314-220
67	2.63	2 5/8	314-121	314-221
70	2.75	2 3/4	314-122	314-222
73	2.87	2 7/8	314-123	314-223
76	3.00	3	314-124	314-224
79	3.11	3 1/8	314-125	314-225
83	3.25	3 1/4	314-126	314-226
86	3.38	3 3/8	314-127	314-227
89	3.50	3 1/2	314-128	314-228

Minimum order: 10 per style – sizes may be assorted.

Vertical Lingual Arches

.036 in. (.91 mm) diameter medium-hard Permachrome wire. Arches feature two-point contact with sheath by means of two distal posts – one double, one single.

Size (mm)	Size (in.)	With Loops
52	2.05	305-152
54	2.12	305-154
56	2.20	305-156
58	2.28	305-158
60	2.36	305-160
62	2.44	305-162
64	2.50	305-164
66	2.60	305-166
68	2.68	305-168
70	2.75	305-170



Level Anchorage Palatal Bar



- Additional molar support during facebow wear
- Increases anchorage

Size	(mm)	Order No.
2	37	308-002
3	42	308-003
4	46	308-004

Minimum order: 10 per style
– sizes may be assorted.

9.39 Auxiliary Products and Accessories

Clinpro™ 5000 1.1% Sodium Fluoride Anti-Cavity Toothpaste

Patients with braces are at a higher risk for caries because food gets trapped around brackets. As a proactive measure, you can help to strengthen and repair enamel, and even reverse white spot lesions – by prescribing clinically proven, prescription-strength Clinpro 5000 fluoride toothpaste. It contains functionalized tri-calcium phosphate (fTCP) ... available exclusively from Solventum.

Indications:

- For use as part of a professional program for the prevention and control of dental caries

Product Benefits:

- Helps prevent and repair early lesions by remineralizing throughout the lesion – not just on the surface
- Optimized pH aids remineralization
- Creates acid-resistant mineral in dentin tubules*
- One-step convenience improves patient compliance – patients simply switch to Clinpro 5000 toothpaste for their brushing regimen once daily
- Backed by over 5 years of clinical use
- Vanilla Mint, Spearmint and Bubble Gum flavors

*Data on file

Item No.	Product Information
12115	Clinpro 5000 1.1% Sodium Fluoride Anti-Cavity Toothpaste Vanilla Mint Flavor – 4 oz tube
12115SM	Clinpro 5000 1.1% Sodium Fluoride Anti-Cavity Toothpaste Spearmint Flavor – 4 oz tube
12115BG	Clinpro 5000 1.1% Sodium Fluoride Anti-Cavity Toothpaste Bubble Gum Flavor – 4 oz tube



9.40 Auxiliary Products and Accessories

Vanish™ XT Extended Contact Varnish

Patients can find it difficult to clean thoroughly around orthodontic brackets, and over time it can lead to white spot lesions. Vanish XT varnish helps build a barrier against demineralization and acid erosion to protect their smile during the orthodontic treatment.

Indications:

- Site-specific, light-cured protective coating that can be applied around orthodontic brackets to prevent demineralization and acid erosion

Item No. Product Information

12148	Vanish XT Extended Contact Varnish 1 – 10g Clicker™ Dispenser
--------------	---

Product Benefits:

- Delivers fluoride, calcium and phosphate to help protect teeth from white spot lesions in those tough-to-clean areas around the brackets
- Remains on the teeth for 6 months or longer
- Vanish XT varnish can be recharged by brushing daily with Clinpro™ 5000 1.1% Sodium Fluoride Anti-Cavity Toothpaste



Clinpro™ Clear Fluoride

A fluoride treatment that does more with less.

Based on patient and professional feedback, we've reimagined the traditional fluoride treatment. Clinpro™ Clear Fluoride Treatment has a new water-based formula that's ready to apply and enables effective fluoride uptake. With less time waiting to eat or drink after treatment, Clinpro Clear Fluoride Treatment makes it easy for your patients to say “yes.”



Clear, water-based formula in a fast and easy L-Pop unit dose.



Formula is free of rosin and common allergens with a neutral pH



Stabilized calcium phosphate



Minimum contact time of just 15 minutes



Improved taste, smell, and mouthfeel



Suction-line friendly formula



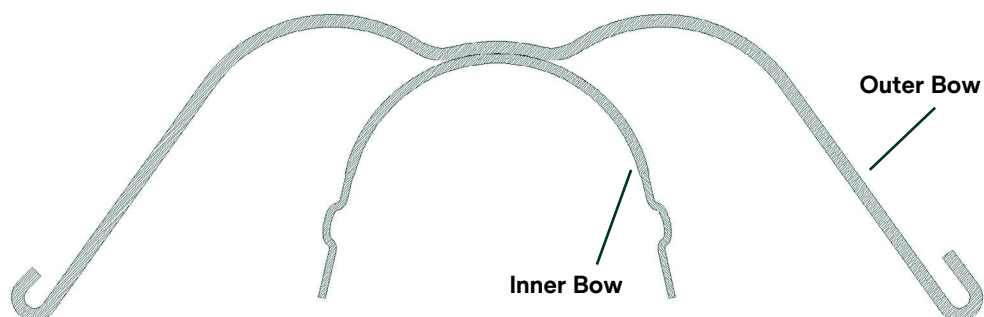
Ordering Information

Item #	Product Information
	Clinpro™ Clear Fluoride Treatment 50 Pack 50 unit-dose packages (0.50 ml L-Pop)
7200FF	Flavorless
7200M	Mint Flavor
7200W	Watermelon Flavor
	Clinpro™ Clear Fluoride Treatment 100 Pack 50 unit-dose packages (0.50 ml L-Pop)
7210FF	Flavorless
7210M	Mint Flavor
7210W	Watermelon Flavor



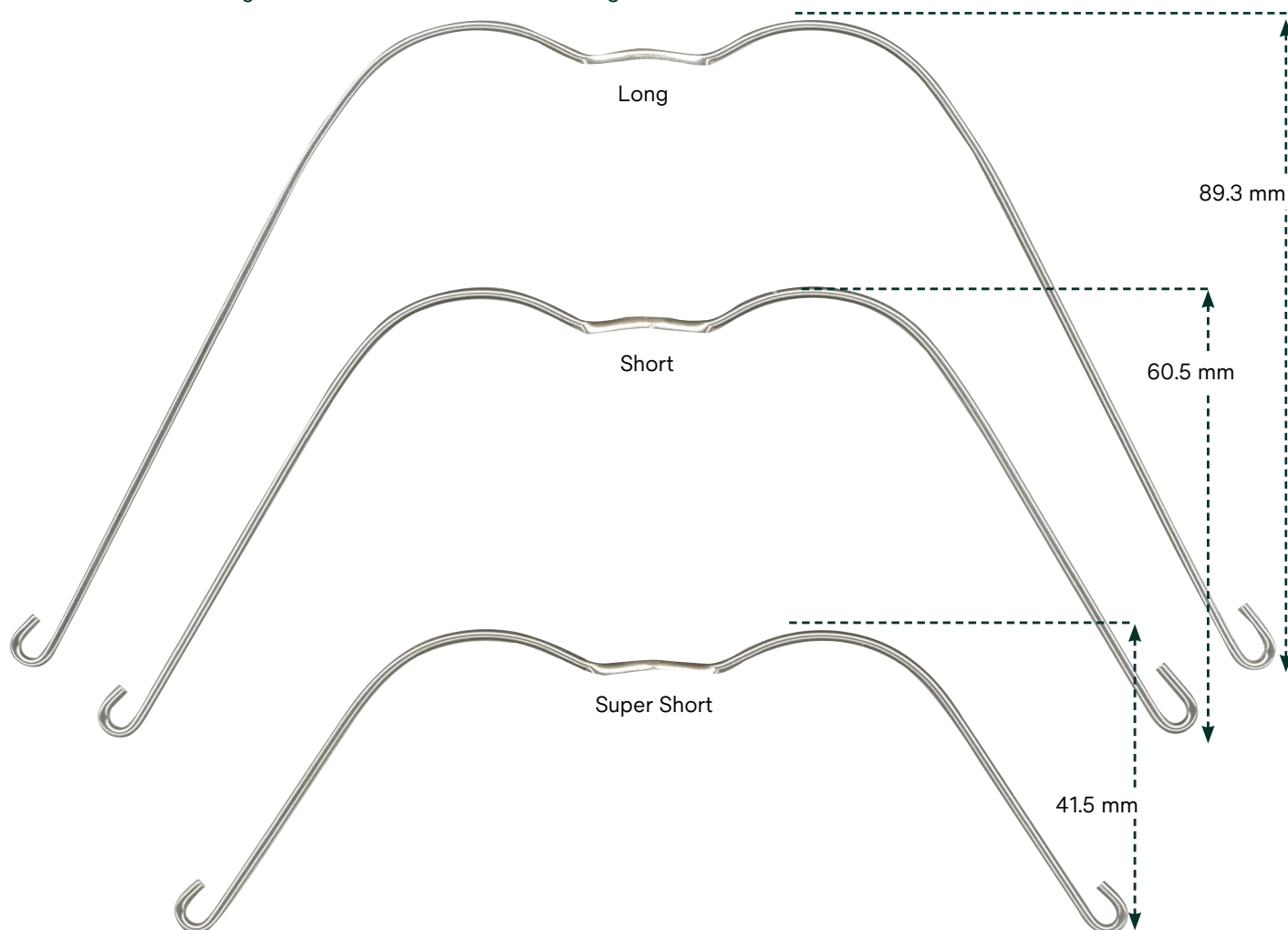
Series 5 Facebows

Typical Facebow Assembly



Outer Bows

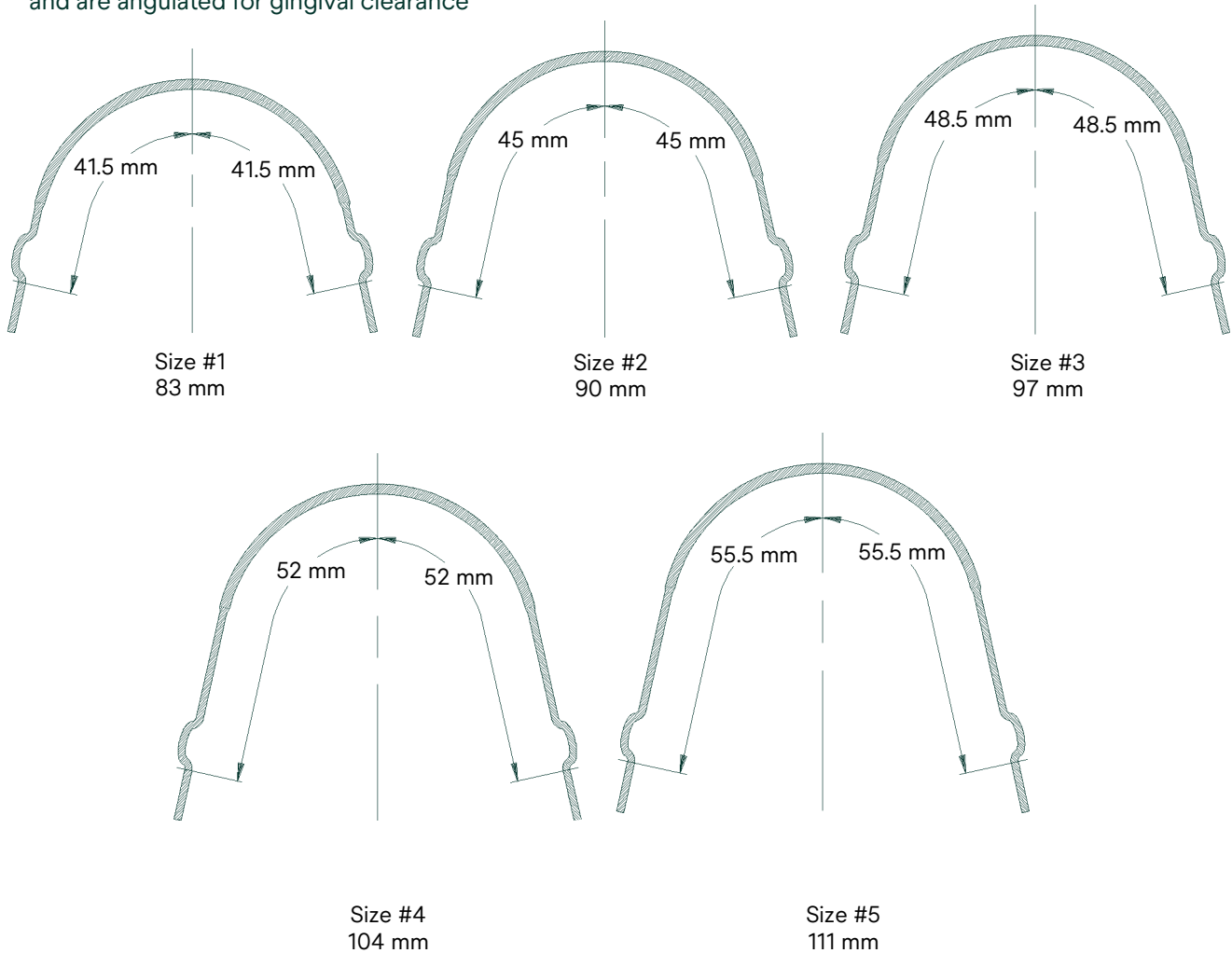
- Right outer loop is larger for ease of orientation
- Outer loops are bent outward (standard) or upward (on request)
- Outer bow facially is contoured for increased strength



Series 5 Facebows

Inner Bows

- Inner arch length is measured from distal side of loop to distal side of opposite loop on the inside of the inner bow
- Inner arch has narrow radius so adjustments are outward
- Preformed inner loops serve as adjustable stops as well as shock absorbers and are angulated for gingival clearance



Note: Unless otherwise specified, Series 5 facebows are shipped with adjustable loops bent occlusally. For loops bent gingivally, indicate “special” when ordering and specify “adjustable loops bent gingivally.”



Series 5 Facebow Sizing Guide

Inner arch sizing guide

701-700 1/pk

9.44 Auxiliary Products and Accessories

Series 5 Facebows

Inner Bow without Hooks, Outer Bow Non-Angulated

Diameter Inches	Inner Bow Size	Inner Bow (mm)	Outer Bow Long	Outer Bow Short	Outer Bow Super Short
.045	1	83	328-211	328-212	320-215
.045	2	90	328-221	328-222	320-225
.045	3	97	328-231	328-232	320-235
.045	4	104	328-241	328-242	320-245
.045	5	111	328-251	328-252	320-255

Inner Bow without Hooks, Outer Bow 15° Angulation

Diameter Inches	Inner Bow		Outer Bow Short	
	Size	(mm)	Occlusal Ang.	Gingival Ang.
.045	3	97	-	328-235
.045	4	104	328-244	328-245
.045	5	111	-	328-255

Inner Bow with Cuspid Hooks, Outer Bow Non-Angulated

Diameter Inches	Inner Bow Size	Inner Bow (mm)	Outer Bow Short
.045	1	83	329-212
.045	2	90	329-222
.045	3	97	329-232
.045	4	104	329-242
.045	5	111	329-252

Friction-Stop Adjustable Facebows

Type of Facebow	Diameter (Inches)	Long	Short	Super Short	Ang. 15° Occlusal Short
Universal Inner Bow	.045	320-451	320-452	320-450	322-452
	.051	-	320-512	-	-



Facebow Accessories

Friction Fit Stops

- Used for facebow stops or spacers on inner bow
- Springy for easy fit
- Solder in place
- Inside diameter .045 in. (1.14 mm)



519-562 100/pk

Deluxe Carrying Case 4" x 9"

- Vinyl
- Zipper with pull tab

706-004 Blue, 10/pk

9.46 Auxiliary Products and Accessories

Typodonts

Our high-quality practice enhancement typodonts include:

Esthetics

Clarity™ Aligners Typodont with Stand	600-260
Clarity™ Ultra Self-Ligating Bracket Typodont with Stand	600-243
Clarity™ Advanced Ceramic Brackets and Stand	600-236

Metal

Mini Uni-Twin™ Brackets	600-215
SmartClip™ SL3 Self-Ligating Brackets	600-221
Miniature Twin Brackets	600-213
Victory Series™ Active Self-Ligating Brackets	600-241
Victory Series™ Low Profile Brackets	600-224
Victory Series™ Brackets MBT™ Appliance System	600-211
Victory Series™ V-Slot Brackets	600-220

Forsus™ Class II Correctors

Forsus™ Fatigue Resistant Device EZ2 Module with Clarity Advanced Brackets	600-242
Forsus™ EZ2 Module with SmartClip™ Brackets	600-233

Miscellaneous

Blank Typodont	600-210
Clarity Advanced Upper with Victory Series Low Profile Lower	600-240
Typodont Replacement Hinges	600-209



Clarity™
Aligners



Clarity™
Advanced
Ceramic Brackets



Clarity™ Ultra
Self-Ligating
Brackets



Victory Series™
Active Self-Ligating
Brackets



Victory Series™
Brackets MBT™
Appliance System



Forsus™ Fatigue
Resistant Device EZ2
Module with
Clarity™ Advanced
Ceramic Brackets

Retainer and Aligners Carry Cases

Molded Retainer Cases

- High-impact polypropylene
- Hinged sections
- Latchable
- Vented, to reduce odor formation

Assortment

One each, all colors except black and purple

450-121 10/pk

Standard - 20 each, ivory, yellow, red, green, blue

450-010 100/pk

Individual Retainer Cases

(10/pk)

Ivory	450-003
Red	450-005
Blue	450-007
Purple	450-008
Black	450-009
Hot Pink	450-103



APC™ Adhesive Coated Appliance System Accessories



**APC™ Inventory Dispensing System
Two Drawer Set
(Brackets sold separately)
2600-021**



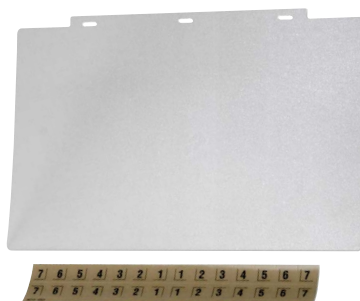
**APC Inventory Dispensing System
Drop-in Organizer Tray
2600-007**



**APC Inventory Dispensing System
Back-Up Storage Units 7 x 7
2600-032**



**APC Inventory Dispensing System
One Drawer Set
(Brackets sold separately)
2600-014**



**Dust Cover Set for Inventory
Dispensing Drawer
2600-022**



**Label Set for Inventory
Dispensing System
2600-023**



**Reusable Set-Up Tray 7 x 7
(Brackets sold separately)
2600-005**

9.48 Auxiliary Products and Accessories

Banding Accessories

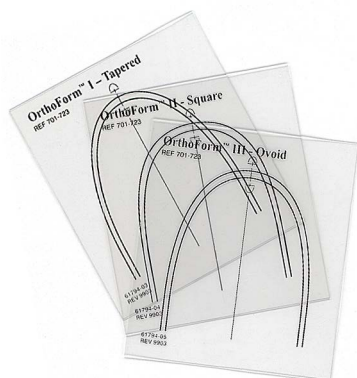


Wax-Pak™

For coating appliances to prevent tissue irritation.
Tasteless. Packaged conveniently for the patient to carry. Four sticks per pack.

603-063 100 packs

Arch Symmetry Aids



Diagnosis OrthoForm™ Arch Form Templates

Clear templates for overlay on patient model.

701-723 (3) in package

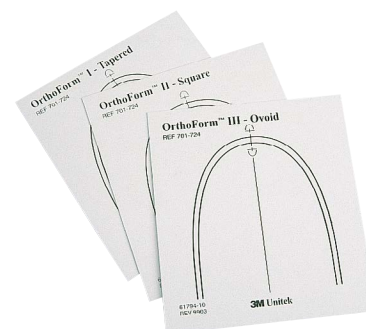
MBT™ Versatile+ Appliance Bracket Placement Guide

	U7	U6	U5	U4	U3	U2	U1	
A	2.0	4.0	5.0	5.5	6.0	5.5	6.0	+1.0 mm
B	2.0	3.5	4.5	5.0	5.5	5.0	5.5	+0.5 mm
C	2.0	3.0	4.0	4.5	5.0	4.5	5.0	Average
D	2.0	2.5	3.5	4.0	4.5	4.0	4.5	-0.5 mm
E	2.0	2.0	3.0	3.5	4.0	3.5	4.0	-1.0 mm

	L7	L6	L5	L4	L3	L2	L1	
A	3.5	3.5	4.5	5.0	5.5	5.0	5.0	+1.0 mm
B	3.0	3.0	4.0	4.5	5.0	4.5	4.5	+0.5 mm
C	2.5	2.5	3.5	4.0	4.5	4.0	4.0	Average
D	2.0	2.0	3.0	3.5	4.0	3.5	3.5	-0.5 mm
E	2.0	2.0	2.5	3.0	3.5	3.0	3.0	-1.0 mm

Orthodontic Products
2724 South Peck Road
Monrovia, CA 91016 USA
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MBT™ Versatile+ Appliance System Bracket Positioning Guide **701-725**



Operatory OrthoForm Arch Form Templates

White templates for chairside use.

701-724 (3) in package

Clarity™ Products



Ordering Information

Item #	Product Information
359-492	Clarity™ Aligners Take Home Bag
359-577	Clarity™ Aligners Carrying Case
359-578	Clarity™ Aligners Removal Tool
359-676	Clarity™ Aligners Welcome Kit



