

**3M** | Oral Care

**3M** Science.  
Applied to Life.™



# Orthodontic Product Catalog

**3M**

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**3M™ Clarity™ ADVANCED Ceramic Brackets .....1.2**

**3M™ Clarity™ ADVANCED Ceramic Brackets  
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## Clarity™ ADVANCED Ceramic Brackets

**CLARITY™** | **ADVANCED**  
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.

- 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



**MBT™**  
Versatile+ Appliance System

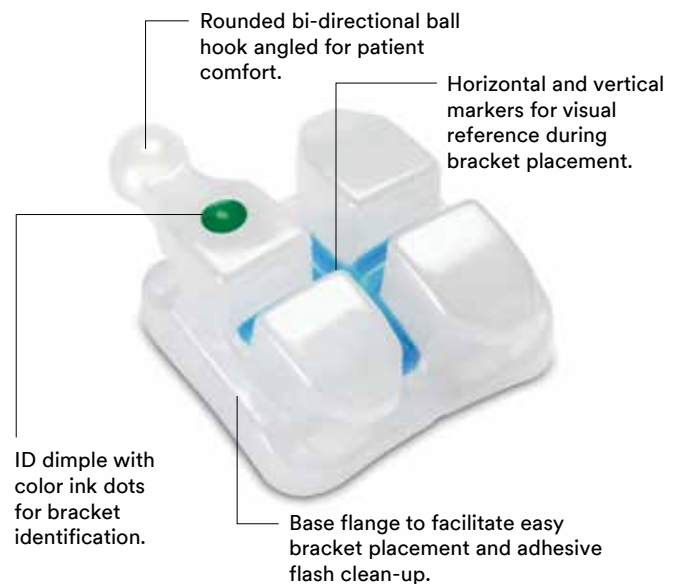
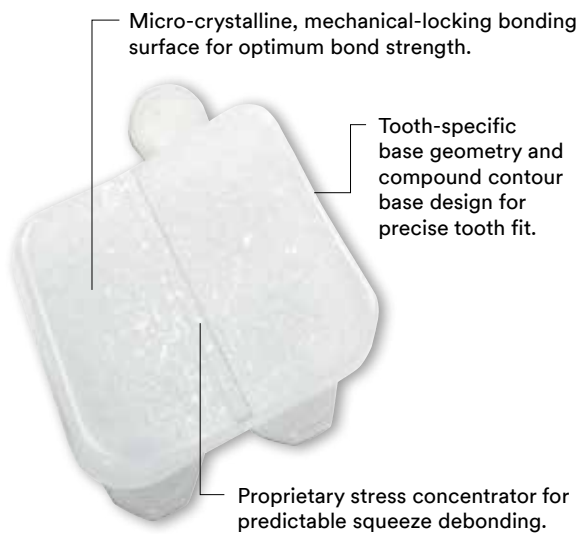
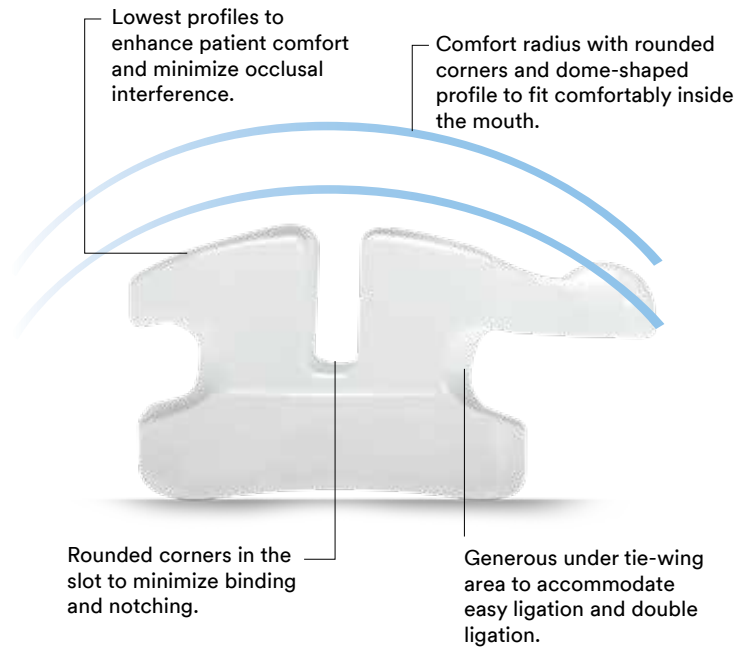
**APC™ II**  
Available in APC™ II  
Adhesive Coated  
Appliance System

**APC™ PLUS**  
Available in APC™ PLUS  
Adhesive Coated  
Appliance System

**APC™ Flash-Free**  
Available in APC™ Flash-Free  
Adhesive Coated  
Appliance System

# Clarity™ ADVANCED Ceramic Brackets

The performance you trust from Clarity™ Brand Ceramic Brackets.



## Clarity™ ADVANCED Ceramic Brackets Selection by MBT™ Versatile+ Appliance System

**CLARITY™** | **ADVANCED**  
advanced ceramic brackets

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/L 3×3 Clarity ADVANCED Brackets	006-104	-
U 5×5 Clarity ADVANCED Brackets Cuspid HK	006-105	006-115
U 5×5 Clarity ADVANCED Brackets HKs	006-106	006-116
U/L 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		

#### Note

APC™ System Brackets sold in units of five.

Measurements are in millimeters unless otherwise noted.

# Clarity™ ADVANCED Ceramic Brackets

## Roth\* Prescription

**CLARITY™** | **ADVANCED**  
advanced ceramic brackets

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 5x5 Clarity™ ADVANCED Brackets HK	006-121	006-131
U/L 3x3 Clarity ADVANCED Brackets Cuspid HK	006-123	006-133
U 5x5 Clarity ADVANCED Brackets Cuspid HK	006-125	006-135
U 5x5 Clarity ADVANCED Brackets HK	006-126	006-136
U 3x3 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

\*3M 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 3x3 Clarity ADVANCED Hi TQ Brackets Cuspid HK	006-143	006-153
U 5x5 Clarity ADVANCED Hi TQ Brackets Cuspid HK	006-170**	006-180**
U 3x3 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™ ADVANCED Ceramic Brackets

**CLARITY™ | ADVANCED**  
advanced ceramic brackets

### Practice Enhancement Materials

Contact 3M for more information about available marketing materials to best support your practice.



**Office Posters and Desktop Displays**  
Clarity™ ADVANCED Ceramic Brackets posters are available individually in two different sizes.

**Size: 24" x 36" (Poster) and 8 ½" x 11" (Desktop Display).**

Large poster delivered rolled in a shipping tube.

**Patient Brochure**  
Large

**Patient Brochure**  
Small (Note: pk of 25)

**Bracket Typodont with Stand**  
REF 600-236



<b>3M™ Incognito™ Appliance System.....</b>	<b>2.2</b>
<b>3M™ Incognito™ Lite Appliance System.....</b>	<b>2.2</b>
<b>3M™ AlastiK™ Lingual Ligatures.....</b>	<b>2.3</b>
<b>Practice Enhancement Materials.....</b>	<b>2.4</b>

Refer to Section 12 for 3M™ Unitek™ Lingual Instruments to support the Incognito™ Appliance System

## Incognito™ Appliance System

The Incognito™ Appliance System features fully customized brackets, archwires and bonding trays to deliver predictable, efficient and effective treatment outcomes.

**Incognito™**  
Appliance System

### Product Benefits:

- Designed to help orthodontists service the growing patient demand for invisible, comfortable and convenient care.
- Makes it easy for patients to smile with confidence during and after treatment.
- Customized to the unique prescription of each patient, making it easy to treat a wide range of patients and orthodontic case types.



## Incognito™ Lite Appliance System

The Incognito™ Lite Appliance System is an ideal treatment option for adult relapse cases or for patients who need only minor, anterior tooth movement.

**Incognito™**  
Appliance System

### Product Benefits:

- Maximum patient comfort with brackets placed only 3-3, or 4-4 (if anchorage is needed). Most patients acclimate faster than with a full arch treatment.
- Designed to help orthodontists service the growing patient demand for invisible, comfortable and convenient care.



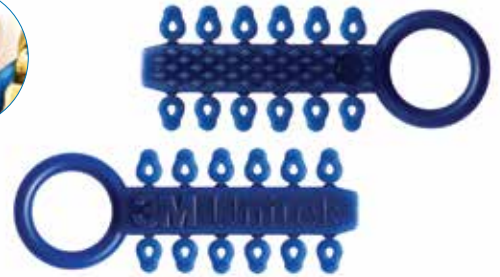
## AlastiK™ Lingual Ligatures

AlastiK™ Lingual Ligatures, designed for the Incognito™ Appliance System, express the appropriate force and provide ease of use for the orthodontist and staff.

### Product Benefits:

- AlastiK Lingual Ligatures express the same force and apply similar tip control as overties with powerchain.
- The tab designed on the AlastiK Lingual Ligatures ensures a safe grip and simplifies placement and handling during the ligation procedure.
- The optimized cross section delivers ideal forces.

Easy to see on  
gold brackets

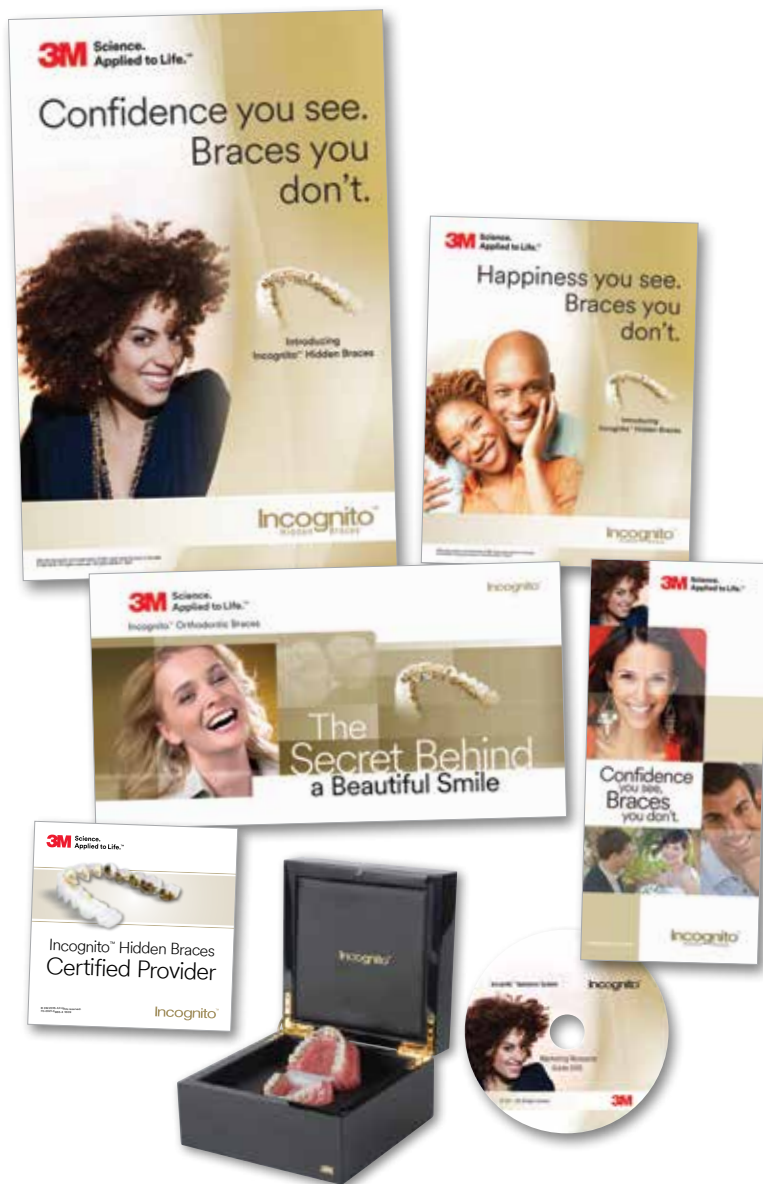


## Incognito™ Appliance System

**Incognito™**  
Appliance System

### Practice Enhancement Materials

Contact 3M for more information about available marketing materials to best support your practice.



#### Office Posters and Desktop Displays

Incognito™ Appliance System posters are available individually in two different sizes.

**Size: 24" x 36" (Poster) and 8 ½" x 11" (Desktop Display).**

Large poster delivered rolled in a shipping tube.

#### Coffee Table Book

#### Patient Brochures

#### Pocket Folder

#### Window Cling

#### DVDs

#### Typodonts

<b>3M™ SmartClip™ SL3 Self-Ligating Appliance System...</b>	<b>3.2</b>
<b>3M™ Clarity™ SL Self-Ligating Appliance System .....</b>	<b>3.5</b>
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<b>3M™ Victory Series™ Active Self-Ligating Appliances Practice Enhancement Materials .....</b>	<b>3.22</b>
<b>3M™ Clarity™ SL Self-Ligating Appliance System Practice Enhancement Materials .....</b>	<b>3.22</b>

## SmartClip™ SL3 Self-Ligating Appliance System

SMARTCLIP™ SL3  
SELF-LIGATING APPLIANCE SYSTEM

## 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 improved 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 × 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 unmatched efficiencies and more predictable outcomes to orthodontic treatment.

**MBT™**  
Versatile+ Appliance System

**APC™ II**  
Available in APC™ II  
Adhesive Coated  
Appliance System

**APC™ PLUS**  
Available in APC™ PLUS  
Adhesive Coated  
Appliance System

**APC™ Flash-Free**  
Available in APC™ Flash-Free  
Adhesive Coated  
Appliance System

## SmartClip™ SL3 Self-Ligating Appliance System

**SMARTCLIP™ SL3**  
SELF-LIGATING APPLIANCE SYSTEM

Maxillary					Part Number		Part Number		Variable Prescription Orthodontics	Rx/ System
					.018 in.		.022 in.			
IN/OUT	Torque	Angulation	in.	mm	L	R	L	R		
<b>Tooth</b>	<b>Torque</b>	<b>Angulation</b>	<b>in.</b>	<b>mm</b>	<b>L</b>	<b>R</b>	<b>L</b>	<b>R</b>		
Central	+22	+5	.040	1.02	004-403	004-404	004-503	004-504	HIGH	Ricketts*
Central	+22	+4	.040	1.02	004-401	004-402	004-501	004-502	HIGH MBT™	MBT
Central	+17	+4	.040	1.02	004-201	004-202	004-301	004-302	MED	MBT
Central	+12	+3	.040	1.02	004-405	004-406	004-505	004-506	LOW	Roth*
<b>Tooth</b>	<b>Torque</b>	<b>Angulation</b>	<b>in.</b>	<b>mm</b>	<b>L</b>	<b>R</b>	<b>L</b>	<b>R</b>		
Lateral	+15	+9	.050	1.27	004-407	004-408	004-507	004-508	HIGH	Ricketts*
Lateral	+10	+8	.050	1.27	004-203	004-204	004-303	004-304	MED	MBT
Lateral	+5	+8	.050	1.27	004-409	004-410	004-509	004-510	LOW	Roth*
<b>Tooth</b>	<b>Torque</b>	<b>Angulation</b>	<b>in.</b>	<b>mm</b>	<b>L</b>	<b>R</b>	<b>L</b>	<b>R</b>		
Cuspid	-7	+8	.032	.81	004-207	004-208	004-307	004-308		MBT
Cuspid HK	-7	+8	.032	.81	004-209	004-210	004-309	004-310		MBT
Cuspid	0	+8	.032	.81	004-211	004-212	004-311	004-312	LOW	MBT/Roth*
Cuspid HK	0	+8	.032	.81	004-213	004-214	004-313	004-314	LOW	MBT/Roth*
Cuspid	+3	+8	.032	.81	004-415	004-416	004-515	-	MED	
Cuspid HK	+3	+8	.032	.81	004-417	004-418	004-517	004-518	MED	
Cuspid	+6	+8	.032	.81	004-411	004-412	004-511	-	HIGH	Ricketts*
Cuspid HK	+6	+8	.032	.81	004-413	004-414	004-513	004-514	HIGH	Ricketts*
<b>Tooth</b>	<b>Torque</b>	<b>Angulation</b>	<b>in.</b>	<b>mm</b>	<b>L</b>	<b>R</b>	<b>L</b>	<b>R</b>		
Bicuspid HK	-9	0	.036	.91	004-421	-	004-521	004-523	LOW	
Bicuspid Universal Offset	-9	0	.036	.91	004-4190		004-5190		LOW	
Bicuspid Universal	-7	0	.036	.91	004-215		004-315		MED	MBT/Roth*
Bicuspid HK	-7	0	.036	.91	004-217	004-218	004-317	004-318	MED	MBT/Roth*
Bicuspid Universal Offset	-7	0	.036	.91	004-2150		004-3150		MED	MBT/Roth*
Bicuspid Offset HK	-7	0	.036	.91	004-2170	004-2180	004-3170	004-3180	MED	MBT/Roth*
Bicuspid Universal	-4	0	.036	.91	004-425		004-525		HIGH	Ricketts*
Bicuspid HK	-4	0	.036	.91	-	004-429	004-527	004-529	HIGH	Ricketts*
Bicuspid Universal Offset	-4	0	.036	.91	004-4250		004-5250		HIGH	Ricketts*
Bicuspid Offset HK	-4	0	.036	.91	004-4270	004-4290	004-5270	004-5290	HIGH	Ricketts*
<b>Tooth</b>	<b>Torque</b>	<b>Angulation</b>	<b>in.</b>	<b>mm</b>	<b>L</b>	<b>R</b>	<b>L</b>	<b>R</b>		
1st Molar with Tie-wings	-14	10 (Distal Offset)			004-6011	004-6022	004-7011	004-7022	ALL	ALL

\*3M version of this prescription.  
No endorsement by the Doctor is implied.

Adding Prefix "3" is APC™ II System –  
Example: 3004-403

Adding Prefix "5" is APC™ PLUS System –  
Example: 5004-403

Adding Prefix "4" is APC™ Flash-Free System –  
Example: 4004-403

### Note

APC™ System brackets sold in units of five.

APC™ System molar appliances sold in units of four.

## SmartClip™ SL3 Self-Ligating Appliance System

**SMARTCLIP™ SL3**  
 SELF-LIGATING APPLIANCE SYSTEM

Mandibular					Part Number		Part Number		Variable Prescription Orthodontics	Rx/ System
					.018 in.		.022 in.			
TOOTH	Torque	Angulation	in.	mm	L	R	L	R		
Anterior	-6	0	.060	1.52	004-229		004-329		LOW	MBT™
Anterior	-1	0	.060	1.52	004-431		004-531		MED	Roth*/ Ricketts*
Anterior	+3	0	.060	1.52	004-432		004-532		HIGH	
TOOTH	Torque	Angulation	in.	mm	L	R	L	R		
Cuspid	-6	+3	.030	.76	004-231	004-232	004-331	004-332	LOW	MBT/Roth*
Cuspid HK	-6	+3	.030	.76	004-233	004-234	004-333	004-334	LOW	MBT/Roth*
Cuspid	-3	+3	.030	.76	-	-	004-537	004-538	MED	
Cuspid HK	-3	+3	.030	.76	004-439	004-440	004-539	004-540	MED	
Cuspid	0	+3	.030	.76	004-235	-	004-335	004-336		MBT
Cuspid HK	0	+3	.030	.76	004-237	004-238	004-337	004-338		MBT
Cuspid	+7	+3	.030	.76	004-433	004-434	004-533	004-534	HIGH	Ricketts*
Cuspid HK	+7	+3	.030	.76	004-435	004-436	004-535	004-536	HIGH	Ricketts*
TOOTH	Torque	Angulation	in.	mm	L	R	L	R		
1st Bicuspid	-12	+2	.038	.97	004-239	004-240	004-339	004-340	ALL	ALL
1st Bicuspid Offset	-12	+2	.038	.97	004-2390	004-2400	004-3390	004-3400	ALL	ALL
1st Bicuspid HK	-12	+2	.038	.97	004-241	004-242	004-341	004-342	ALL	ALL
1st Bicuspid HK Offset	-12	+2	.038	.97	004-2410	004-2420	004-3410	004-3420	ALL	ALL
TOOTH	Torque	Angulation	in.	mm	L	R	L	R		
2nd Bicuspid	-17	+2	.039	.99	004-247	004-248	004-347	004-348	ALL	ALL
2nd Bicuspid Offset	-17	+2	.039	.99	004-2470	004-2480	004-3470	004-3480	ALL	ALL
2nd Bicuspid HK	-17	+2	.039	.99	004-249	004-250	004-349	004-350	ALL	ALL
2nd Bicuspid HK Offset	-17	+2	.039	.99	004-2490	004-2500	004-3490	004-3500	ALL	ALL
TOOTH	Torque	Angulation	in.	mm	L	R	L	R		
1st Molar with Tie-wings	-20	0 (Distal Offset)			004-6033	004-6044	004-7033	004-7044	ALL	ALL

\*3M version of this prescription.  
 No endorsement by the Doctor is implied.

Adding Prefix "3" is APC™ II System – Example: 3004-229

Adding Prefix "5" is APC™ PLUS System – Example: 5004-229

Adding Prefix "4" is APC™ Flash-Free System – Example: 4004-229

Single Patient Kits	Part Number	Part Number	Rx
Single Patient Kits – 6×6	.018 in.	.022 in.	
U/L 6×6	004-106	-	MBT
U/L 6×6 Cuspid HK	004-107	004-127	MBT
U/L 6×6 HK	004-108	004-128	MBT
U/L 6×6 0° Torque Cuspid Cuspid HK	004-110	004-130	MBT
U/L 6×6 0° Torque Cuspid HK	-	004-131	MBT

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

Single Patient Kits	Part Number	Part Number	Rx
Single Patient Kits – 5×5	.018 in.	.022 in.	
U/L 5×5	004-100	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	004-103	004-123	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	-	004-145	Ricketts*
U/L 5×5 Cuspid HK	004-136	004-146	Ricketts*
U/L 5×5 HK	004-137	004-147	Ricketts**
U/L 5×5	004-132	004-142	Roth*
U/L 5×5 Cuspid HK	004-133	004-143	Roth*
U/L 5×5 HK	004-134	004-144	Roth*

\*3M version of this prescription.  
 No endorsement by the Doctor is implied.

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

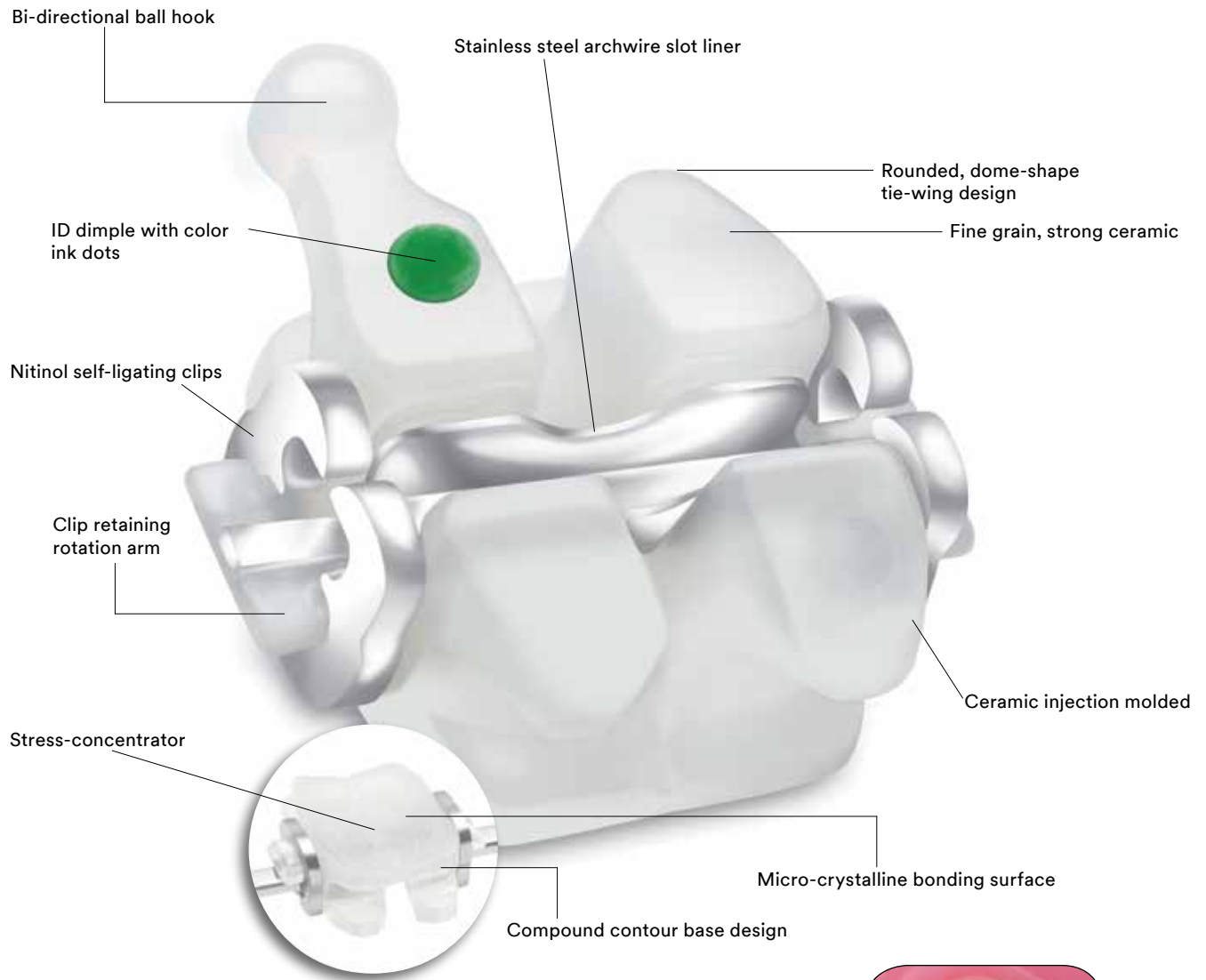
**Note**

APC™ System brackets sold in units of five.

APC™ System molar appliances sold in units of four.

## Clarity™ SL Self-Ligating Appliance System

**C L A R I T Y™ | S L**  
SELF-LIGATING APPLIANCE SYSTEM



At every stage, from patient consultation on through to debonding, Clarity SL Self-Ligating Brackets are designed to empower you and your staff. Clarity SL brackets combine the benefits of passive self-ligation, true twin design and hallmark Clarity bracket esthetics to efficiently deliver the results you and your patients expect.

Treatment starts with patient acceptance. That's why the Clarity SL Self-Ligating Appliance is designed to help you tap important patient interests such as esthetic treatment and convenience without giving up what you want: an appliance that delivers results.



Clip retaining rotation arms enhance rotation control

**MBT™**  
Versatile+ Appliance System

**APC™ II**  
APC™ II Adhesive Coated Appliance System

**APC™ PLUS**  
APC™ PLUS Adhesive Coated Appliance System

**APC™ Flash-Free**  
APC™ Flash-Free Adhesive Coated Appliance System

## Clarity™ SL Self-Ligating Appliance System

CLARITY™ | SL

SELF-LIGATING APPLIANCE SYSTEM

Maxillary					Part Number		Part Number		Variable Prescription Orthodontics	Appliance System/Rx
		IN/OUT			.018 in.		.022 in.			
Tooth	Torque	Angulation	in.	mm	L	R	L	R		
Central	+22	+5	.044	1.12	007-543	007-544	007-443	007-444	HIGH	Ricketts*
Central	+22	+4	.044	1.12	-	-	007-445	007-446		MBT™
Central	+17	+4	.044	1.12	007-501	007-502	007-401	007-402	MED	MBT
Central	+12	+5	.044	1.12	007-517	007-518	007-417	007-418	LOW	Roth*
Tooth	Torque	Angulation	in.	mm	L	R	L	R		
Lateral	+15	+9	.058	1.47	007-547	007-548	007-447	007-448	HIGH	Ricketts*
Lateral	+10	+8	.058	1.47	007-503	007-504	007-403	007-404	MED	MBT
Tooth	Torque	Angulation	in.	mm	L	R	L	R		
Cuspid HK	+6	+8	.030	0.76	007-549	007-550	007-449	007-450	HIGH	Ricketts*
Cuspid	0	+8	.030	0.76	007-511	007-512	007-411	007-412	LOW	MBT
Cuspid HK	0	+8	.030	0.76	007-505	007-506	007-405	007-406	LOW	MBT
Tooth	Torque	Angulation	in.	mm	L	R	L	R		
Bicuspid HK	-4	0	.036	.092	007-551	007-552	-	-	HIGH	Ricketts*
Bicuspid Universal	-7	0	.036	.092	007-509		007-409		MED	MBT
Bicuspid HK	-7	0	.036	.092	007-507	007-508	007-407	007-408	MED	MBT
Mandibular					Part Number		Part Number		Variable Prescription Orthodontics	Appliance System/Rx
		IN/OUT			.018 in.		.022 in.			
Tooth	Torque	Angulation	in.	mm	L	R	L	R		
Anterior	-6	0	.060	1.52	007-530		007-430		MED	MBT
Tooth	Torque	Angulation	in.	mm	L	R	L	R		
Cuspid HK	0	+3	.029	0.74	007-531	007-532	007-431	007-432	LOW	MBT
Tooth	Torque	Angulation	in.	mm	L	R	L	R		
1st Bicuspid	-12	+2	.029	0.74	007-539	007-540	007-439	007-440	ALL	ALL
Tooth	Torque	Angulation	in.	mm	L	R	L	R		
2nd Bicuspid	-17	+2	.033	0.84	007-541	007-542	007-441	007-442	ALL	ALL

\*3M version of this prescription.  
No endorsement by the doctor is implied.

Adding Prefix "3" is APC II Adhesive System – Example: 3007-543

Adding Prefix "5" is APC PLUS Adhesive System – Example: 5007-543

Adding Prefix "4" is APC™ Flash-Free Adhesive System – Example: 4007-543

## Note

APC™ System brackets sold in units of five.

APC™ System molar appliances sold in units of four.

## Clarity™ SL Self-Ligating Appliance System

**C L A R I T Y™ | S L**

SELF-LIGATING APPLIANCE SYSTEM

Single Patient Kits	Part Number	Part Number	Rx
<b>Single Patient Kits – 5×5</b>			
	<b>.018 in.</b>	<b>.022 in.</b>	
U 5×5 Clarity™ SL Brackets HKs L 5×5 SmartClip™ SL3 Self-Ligating Brackets HKs	<b>007-103</b>	<b>007-113</b>	MBT™
U 5×5 Clarity SL Brackets Only Cuspid HK	<b>007-122</b>	<b>007-132</b>	MBT
U 5×5 Clarity SL Brackets Only HKs	<b>007-107</b>	<b>007-117</b>	MBT
U/L 5×5 Clarity SL Brackets Cuspid HK	<b>007-100</b>	<b>007-110</b>	MBT
<b>Single Patient Kits – 3×3</b>			
U 3×3 Clarity SL Brackets Only Cuspid HK	<b>007-123</b>	<b>007-133</b>	MBT
U/L 3×3 Clarity SL Brackets Cuspid HK	<b>007-126</b>	<b>007-136</b>	MBT
U 3×3 Clarity SL Brackets Only Cuspid HK	<b>007-142</b>	<b>007-152</b>	Ricketts*
*3M version of this prescription. No endorsement by the doctor is implied.	Adding Prefix "3" is APC II Adhesive System – Example: 3007-103		
	Adding Prefix "5" is APC PLUS Adhesive System – Example: 5007-103		
	Adding Prefix "4" is APC™ Flash-Free Adhesive System – Example: 4007-103		

**Note**

APC™ System brackets sold in units of five.    APC™ System molar appliances sold in units of four.

## Victory Series™ Active Self-Ligating Brackets

## Victory Series™ Active Self-Ligating Brackets

### ACCURATE BRACKET PLACEMENT AND POSITIONING

Parallel mesial-distal sides and vertical scribe line provide visual references<sup>7,8</sup>

Torque-in-base allows for level slot line-up<sup>9</sup>

### ENHANCED PATIENT COMFORT

Precision MIM bracket body with rounded edges<sup>1</sup>

Round, low profile hooks<sup>2</sup>

### EASY TO OPEN & CLOSE DOOR

Doors can be opened using either the U-notch or the gingival tab<sup>3</sup>

Vertical groove under the door allows for easy opening from the U-notch<sup>4</sup>

### DESIGN ADVANTAGES FOR TREATMENT FLEXIBILITY

Rounded slot edges designed to reduce archwire binding<sup>10</sup>

Ample under tie-wing area for use of elastic chains and other ligated auxiliaries<sup>11</sup>

Compatible with other active self-ligating bracket archwire sequences<sup>12</sup>

### RELIABLE SELF-LIGATING DOOR MECHANISM<sup>14</sup>

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

Full slot-width door for optimal rotational control<sup>6</sup>

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.

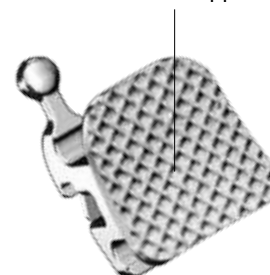
The Victory Series Active Self-Ligating Bracket has a robust ligating mechanism that is designed for reliability in use and ease of operation. And the full slot-width size door maximizes available rotational control capability. You can also add optional APC™ II Adhesive coating for reduced bonding steps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

### INTRICATE BASE FOR GREATER BOND STRENGTH

Micro-etched, 80-gauge mesh pad applied at a 45° angle<sup>13</sup>

Anatomically contoured base surface<sup>13</sup>

Optional APC™ Adhesive Coated Appliance System



**APC™ II**

Available in APC™ II  
Adhesive Coated  
Appliance System

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

## Victory Series™ Active Self-Ligating Brackets

## 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
 <p>Round archwires in .022 slot</p> <p>With round archwires, the bracket is passive, resulting in minimal archwire contact and low friction for efficient leveling and alignment.</p>	 <p>Sizes below .016 x .025 in .022 slot</p> <p>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.</p>	 <p>Sizes starting at .016 x .025 in .022 slot</p> <p>Larger rectangular archwires engage the ligating mechanism, offering full control for finishing and detailing.</p>

\*3M version of this prescription. No endorsement by the Doctor is implied.

## Self-Ligating Bracket Hand Instruments

**CLARITY™ | SL**  
SELF-LIGATING APPLIANCE SYSTEM

**SMARTCLIP™ | SL3**  
SELF-LIGATING APPLIANCE SYSTEM



### SmartClip™ Appliance Wire Disengagement Hand Instrument

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

**804-160C**

**804-161** Slide Reorder Pack 5/pk

**804-162** Hook Insert Replacement with Allen Wrench and set of screws



### SmartClip™ Appliance Wire Insertion Hand Instrument

Using the single tip on one end or the double tip on the other end, archwires are engaged into Clarity™ SL Brackets or SmartClip™ Brackets with a roll of the hand.

**804-152** .022 Bracket Instrument

**804-153** .018 Bracket Instrument



### Unitek™ Self-Ligating Bracket Debonding Instrument

Distinguished debonding tool designed for the 3M Unitek Self-Ligating Bracket System: Clarity™ SL Self-Ligating Brackets and SmartClip™ Self-Ligating Brackets. Also recommended for Clarity™ ADVANCED Ceramic Brackets. May be used with or without the archwire engaged in the bracket slot.

**804-170C**



### Unitek™ 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**



### Double-Ended Dual Purpose Instrument

Double-Ended dual purpose instrument can be used to open the doors of Victory Series™ Active Self-Ligating Brackets.

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**

## 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, 3M 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 3M square and rectangle archwires are engineered to have precise corner radii that deliver predictable torque control. 3M 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. 3M provides three OrthoForm™ Arch Forms – Tapered, Square, and Ovoid – that offer the diversity needed to fit the range of arch forms among orthodontic cases.

3M 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
<b>Initial Phase</b> Getting Organized <ul style="list-style-type: none"> <li>leveling</li> <li>aligning</li> </ul> Necessary Wire Criteria <ul style="list-style-type: none"> <li>low forces</li> <li>low modulus</li> <li>low friction</li> </ul>	Nitinol Classic .012  Nitinol SE or HA .014	Nitinol Classic .012  Nitinol SE or HA .014  Nitinol HA .016
<b>Intermediate Phase</b> Working the Big Picture <ul style="list-style-type: none"> <li>arch form correction</li> <li>occlusal plane leveling</li> <li>rotating</li> <li>tipping</li> </ul> Necessary Wire Criteria <ul style="list-style-type: none"> <li>medium forces</li> <li>medium working range</li> <li>medium modulus</li> <li>medium malleability</li> <li>low friction</li> </ul>	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
<b>Finishing Phase</b> Getting Down to Details <ul style="list-style-type: none"> <li>vertical detailing</li> <li>space closure</li> <li>refine interdigitation</li> <li>retention</li> </ul> Necessary Wire Criteria <ul style="list-style-type: none"> <li>medium forces</li> <li>short working range</li> <li>high modulus</li> <li>high malleability</li> </ul>	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

## 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 and Clarity™ SL self-ligating appliances.

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

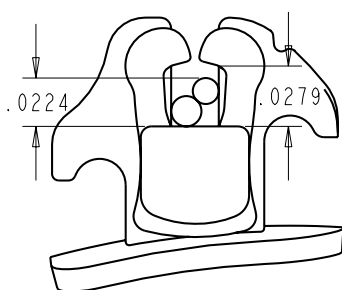
Slot	Initial Archwire	Tandem Archwire
.018/.022	.012	.014
.018/.022	.014	.014
.022	.014	.016

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.

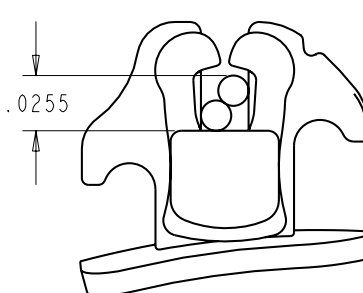
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### SmartClip™ Appliance Lower Anterior

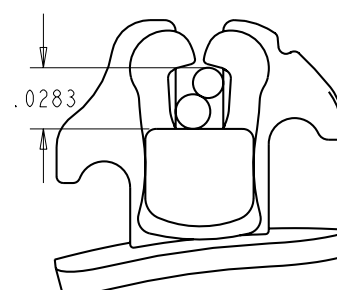
.022 slot 012 + 014



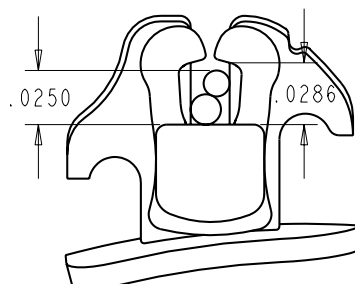
.022 slot 014 + 014



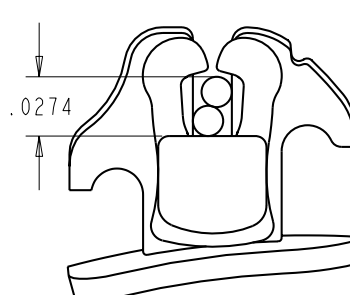
.022 slot 014 + 016



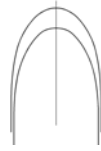
.018 slot 012 + 014



.018 slot 014 + 014



## Unitek™ Nitinol Heat-Activated Archwire



Dimension Inches	Dimension mm	OrthoForm™ I Tapered	OrthoForm™ II Square	OrthoForm™ III Ovoid
<b>Round</b>				
<b>Upper</b>				
.014	.36	9296-607	9296-609	9296-611
.016	.41	4293-701	4296-985 6	4296-991 6
.018	.46	4293-703	4296-987 6	4296-993 6
.020	.51	-	-	4296-995
.0215	.55	9296-613	9296-615	9296-617
<b>Lower</b>				
.014	.36	9296-608	9296-610	9296-612
.016	.41	4293-702	4296-986 6	4296-992 6
.018	.46	4293-704	4296-988 6	4296-994 6
.020	.51	-	-	4296-996
.0215	.55	9296-614	9296-616	9296-618
<b>Rectangular/Square</b>				
<b>Upper</b>				
.014 x .025	.36 x .64	9296-631	9296-633	9296-635
.016 x .025	.41 x .64	9296-619	9296-621	9296-623
.0175 x .0175	.44 x .44	4293-709	4297-975 6	4297-911 6
.017 x .025	.43 x .64	4293-711	4297-991 6	4297-921 6
.017 x .025 H*	.43 x .64	9296-625	9296-627	9296-629
.019 x .025	.53 x .64	4293-713	4297-977 6	4297-919 6
.019 x .025 H*	.48 x .64	9296-643	9296-645	9296-647
.021 x .025 H*	.53 x .64	9296-637	9296-639	9296-641
<b>Lower</b>				
.014 x .025	.36 x .64	9296-632	9296-634	9296-636
.016 x .025	.41 x .64	9296-620	9296-622	9296-624
.0175 x .0175	.44 x .44	4293-710	4297-976 6	4297-912 6
.017 x .025	.43 x .64	4293-712	4297-992 6	4297-922 6
.017 x .025 H*	.43 x .64	9296-626	9296-628	9296-630
.019 x .025	.48 x .64	4293-714	4297-978 6	4297-920 6
.019 x .025 H*	.48 x .64	9296-644	9296-646	9296-648
.021 x .025 H*	.53 x .64	9296-638	9296-640	9296-642

\*Hybrid

Gold

Gold

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



## Unitek™ Nitinol Super-Elastic Archwire



Dimension Inches	Dimension mm	OrthoForm™ I Tapered	OrthoForm™ II Square	OrthoForm™ III Ovoid
<b>Round</b>				
<b>Upper</b>				
.014	.36	4293-601	4296-805	6 4296-911
.014 D**	.36	9293-601	9296-805	9296-911
.016	.41	4293-603	4296-807	6 4296-913
.016 D**	.41	9293-603	9296-807	9296-913
.018	.46	-	4296-809	6 4296-915
.020	.51	-	4296-811	4296-917
<b>Lower</b>				
.014	.36	-	4296-806	6 4296-912
.014 D**	.36	9293-602	9296-806	9296-912
.016	.41	4293-604	4296-808	6 4296-914
.016 D**	.41	9293-604	9296-808	9296-914
.018	.46	-	4296-810	6 4296-916
.020	.51	-	4296-812	4296-918
<b>Rectangular/Square</b>				
<b>Upper</b>				
.014 x .025 D**	.36 x .64	9293-813	9293-815	9293-817
.016 x .016	.41 x .41	-	4297-803	6 4297-951
.016 x .025 D**	.41 x .64	9293-849	9293-851	9293-853
.017 x .025	.43 x .64	-	4297-807	6 4297-955
.017 x .025 D**	.43 x .64	9293-613	9297-807	9297-955
.017 x .025 H* D**	.43 x .64	-	9293-879	9293-881
.018 x .018	.46 x .46	4293-615	4297-809	4297-957
.018 x .025	.46 x .64	-	4297-813	6 4297-959
.018 x .025 H*	.46 x .64	9293-903	9293-905	9293-907
.019 x .025	.48 x .64	4293-619	4297-815	6 4297-961
.019 x .025 H*	.46 x .64	9296-649	9296-651	9296-653
.021 x .025 H*	.53 x .64	9293-931	9293-933	9293-935
<b>Lower</b>				
.014 x .025 D**	.36 x .64	9293-814	9293-816	9293-818
.016 x .016	.41 x .41	-	4297-804	6 4297-952
.016 x .025 D**	.41 x .64	9293-850	9293-852	9293-854
.017 x .025	.43 x .64	-	4297-808	6 4297-956
.017 x .025 D**	.43 x .64	9293-614	9297-808	9297-956
.017 x .025 H* D**	.43 x .64	-	9293-880	9293-882
.018 x .018	.46 x .46	4293-616	4297-810	4297-958
.018 x .025	.46 x .64	-	4297-814	6 4297-960
.018 x .025 H*	.46 x .64	9293-904	9293-906	9293-908
.019 x .025	.48 x .64	4293-620	4297-816	6 4297-962
.019 x .025 H*	.48 x .64	9296-650	9296-652	9296-654
.021 x .025 H*	.53 x .64	9293-932	9293-934	9293-936

\*Hybrid \*\*Dimpled

Gold

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



## Unitek™ Nitinol Classic Archwire



Dimension Inches	Dimension mm	OrthoForm™ I Tapered	OrthoForm™ II Square	OrthoForm™ III Ovoid
<b>Round</b>				
<b>Upper</b>				
.012	.30	9296-601	9296-603	9296-605
.014	.36	4293-510	4296-405	4296-517
.014 D**	.36	9293-510	9296-405	9296-517
.016	.41	4293-512	4296-407	4296-519
.016 D**	.41	9293-512	9296-407	9296-519
.018	.46	4293-514	4296-409	4296-521
.020	.51	4293-516	4296-411	4296-523
<b>Lower</b>				
.012	.30	9296-602	9296-604	9296-606
.014	.36	4293-511	4296-406	4296-518
.014 D**	.36	9293-511	9296-406	9296-518
.016	.41	4293-513	4296-408	4296-520
.016 D**	.41	9293-513	9296-408	9296-520
.018	.46	4293-515	4296-410	4296-522
.020	.51	4293-517	4296-412	4296-524
<b>Rectangular/Square</b>				
<b>Upper</b>				
.014 x .025 D**	.36 x .64	9293-819	9293-821	9293-823
.016 x .016	.41 x .41	4293-518	4297-701	4297-851
.016 x .025 D**	.41 x .64	9293-855	9293-857	9293-859
.017 x .025	.43 x .64	4293-524	4297-707	4297-857
.017 x .025 D**	.43 x .64	9293-524	9297-707	9297-857
.017 x .025 H* D**	.43 x .64	9293-883	9293-885	9293-887
.018 x .018	.46 x .46	4293-526	4297-709	4297-859
.018 x .025	.46 x .64	4293-530	4297-713	4297-863
.018 x .025 H*	.46 x .64	9293-909	9293-911	9293-913
.019 x .025	.48 x .64	4293-532	4297-715	4297-865
.019 x .025 H*	.48 x .64	9293-951	9293-953	9293-955
<b>Lower</b>				
.014 x .025 D**	.36 x .64	9293-820	9293-822	9293-824
.016 x .016	.41 x .41	4293-519	4297-702	4297-852
.016 x .025 D**	.41 x .64	9293-856	9293-858	9293-860
.017 x .025 D**	.43 x .64	4293-525	4297-708	4297-858
.017 x .025 D**	.43 x .64	9293-525	9297-708	9297-858
.017 x .025 H* D**	.43 x .64	9293-884	9293-886	9293-888
.018 x .018	.46 x .46	4293-527	4297-710	4297-860
.018 x .025	.46 x .64	4293-531	4297-714	4297-864
.018 x .025 H*	.46 x .64	9293-910	9293-912	9293-914
.019 x .025	.48 x .64	4293-533	4297-716	4297-866
.019 x .025 H*	.48 x .64	9293-952	9293-954	9293-956

\*Hybrid \*\*Dimpled

3M 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. It was the first and continues to be the most versatile.

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



## Unitek™ Beta III Titanium Archwire



Dimension Inches	Dimension mm	OrthoForm™ I Tapered	OrthoForm™ II Square	OrthoForm™ III Ovoid
<b>Rectangular/Square</b>				
<b>Upper</b>				
.016 x .025	.41 x .64	4301-350	4301-352	4301-354
.0175 x .0175	.44 x .44	-	4301-336	4301-338
.017 x .025	.43 x .64	4301-326	4301-308	4301-310
.019 x .025	.48 x .64	4301-328	4301-314	4301-316
<b>Lower</b>				
.016 x .025	.41 x .64	4301-351	4301-353	4301-355
.0175 x .0175	.44 x .44	-	4301-337	4301-339
.017 x .025	.43 x .64	4301-327	4301-309	4301-311
.019 x .025	.48 x .64	4301-329	4301-315	4301-317

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



## Permachrome Resilient Archwire



Dimension Inches	Dimension mm	OrthoForm™ I Tapered	OrthoForm™ II Square	OrthoForm™ III Ovoid
<b>Round</b>				
<b>Upper</b>				
.012	.30	-	4 300-603	300-003
.014	.36	4 293-305	4 300-605 6	4 300-005
.016	.41	4 293-307	4 300-607 6	4 300-007
.018	.46	4 293-309	4 300-609 6	4 300-009
.020	.51	4 293-311	4 300-611 6	4 300-011
<b>Lower</b>				
.012	.30	-	4 300-604	300-004
.014	.36	4 293-306	4 300-606 6	4 300-006
.016	.41	4 293-308	4 300-608 6	4 300-008
.018	.46	4 293-310	4 300-610 6	4 300-010
.020	.51	4 293-312	4 300-612 6	4 300-012
<b>Rectangular/Square</b>				
<b>Upper</b>				
.016 x .016	.41 x .41	4 293-315	4 300-615 6	4 300-015
.016 x .025	.41 x .64	4 300-655	4 300-657	4 300-659
.0175 x .0175	.44 x .44	4 293-331	4 293-341	4 293-351
.017 x .025	.43 x .64	4 293-321	4 300-621 6	4 300-021
.017 x .025 H*	.43 x .64	9293-889	9293-891	9293-893
.018 x .025	.46 x .64	4 293-325	4 300-625 6	4 300-025
.018 x .025 H*	.46 x .64	9293-915	9293-917	9293-919
.019 x .025	.48 x .64	4 293-327	4 300-627 6	4 300-027
.019 x .025 H*	.48 x .64	9293-957	9293-959	9293-961
.021 x .025 H*	.53 x .64	9293-943	9293-945	9293-947
<b>Lower</b>				
.016 x .016	.41 x .41	4 293-316	4 300-616 6	4 300-016
.016 x .025	.41 x .64	4 300-656	4 300-658	4 300-660
.0175 x .0175	.44 x .44	-	-	4 293-352
.017 x .022	.43 x .56	-	4 300-620	4 300-020
.017 x .025	.43 x .64	4 293-322	4 300-622 6	4 300-022
.017 x .025 H*	.43 x .64	9293-890	9293-892	9293-894
.018 x .025	.46 x .64	4 293-326	4 300-626 6	4 300-026
.018 x .025 H*	.46 x .64	9293-916	9293-918	9293-920
.019 x .025	.48 x .64	4 293-328	4 300-628 6	4 300-028
.019 x .025 H*	.48 x .64	9293-958	9293-960	9293-962
.021 x .025 H*	.53 x .64	9293-944	9293-946	9293-948

\*Hybrid

Unit of Use

Unit of Use

Gold

Unit of Use



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

- Better formability than Hi-T™ II
- Mid-range tensile strength
- Gold available in unit of use only 5/pk

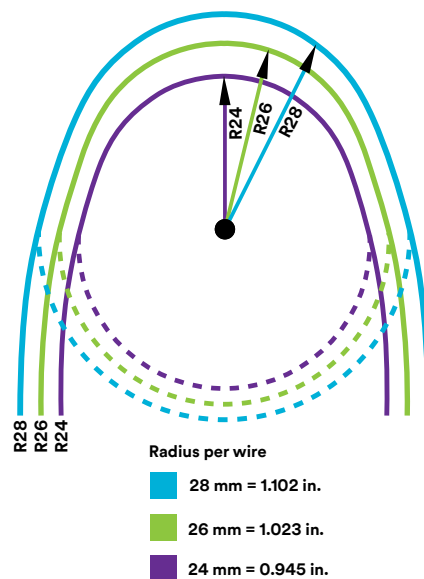
- OrthoForm™ I, II, III, Arch Forms packed 50/pk unit of use or 10/pk folders
- Hybrid and Dimpled packed 10/pk unit of use

## Unitek™ 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.

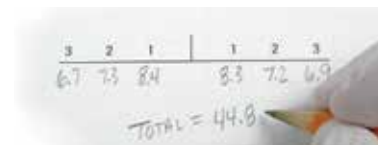
Dr. Robert Waugh designed Unitek Lateral Development Archwires for treatment of patients with smaller tooth anatomy and/or spacing. After measuring all anterior teeth in his practice for over five years, he has crystallized a method to consistently deliver a predictable anterior display while idealizing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

A unique feature of the Unitek 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

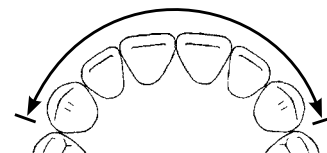
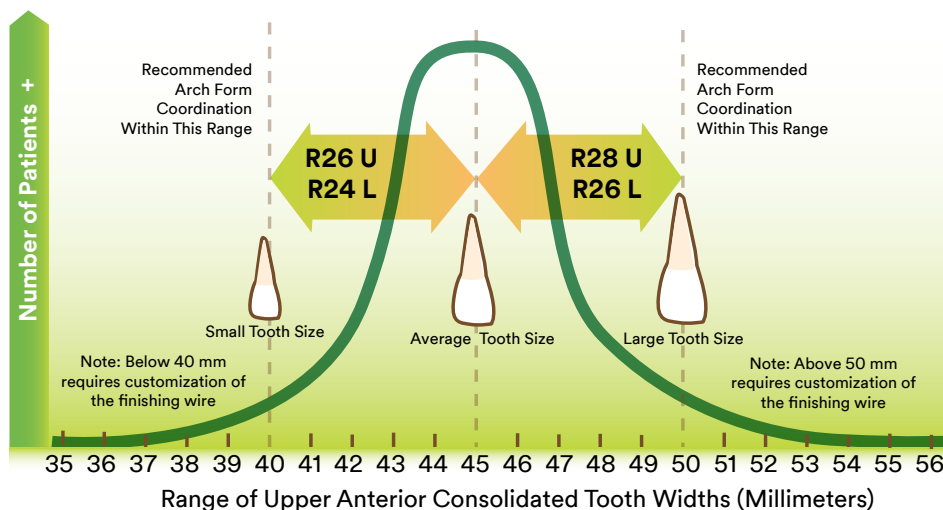
1. After initial alignment, total the collective mesio-distal widths of the upper anterior six teeth (rounded to nearest 1/10th of a millimeter).



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

## Unitek™ Lateral Development Archwire

Dimension Inches	Dimension mm	R28		R26		R24	
<b>Nitinol</b>							
.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
<b>Nitinol HA</b>							
.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
<b>Beta Titanium</b>							
.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	
<b>Stainless Steel</b>							
.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	
<b>Heat Treated SS</b>							
.016 x .025	.41 x .64	4584-301		4584-302		4584-303	
.019 x .025	.48 x .64	4584-304		4584-305		4584-306	

with stops

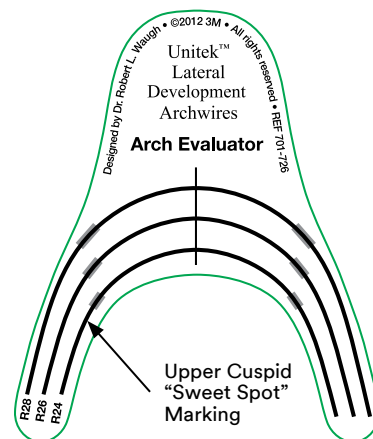
with stops

with stops

- 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

### 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

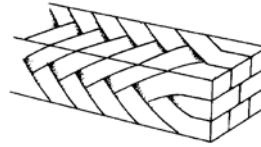


Arch Evaluator (5/pk)  
REF 701-726

## Multi-Strand Archwire

### Unitek™ Braided Wire

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



Dimension Inches	Dimension mm	OrthoForm™ I Tapered	OrthoForm™ II Square	OrthoForm™ III Ovoid
<b>Rectangular/Square</b>				
<b>Upper</b>				
.017 x .025	.43 x .64	300-965	300-909	300-967
.018 x .025	.46 x .64	-	300-911	-
.019 x .025	.48 x .64	300-969	300-913	300-971
<b>Lower</b>				
.017 x .025	.43 x .64	300-966	300-910	300-968
.018 x .025	.46 x .64	-	300-912	-
.019 x .025	.48 x .64	300-970	300-914	300-972

## Archwire Accessories

### Unitek™ 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

Refer to Supplies and Equipment section for arch form symmetry aids.

## SmartClip™ SL3 Self-Ligating Appliance System

**SMARTCLIP™ SL3**  
SELF-LIGATING APPLIANCE SYSTEM

### Practice Enhancement Materials

Contact 3M for more information about available marketing materials to best support your practice.



**Office Posters and Desktop Displays**  
SmartClip™ Braces posters are available individually in two different sizes.  
**Size: 24" x 36" (Poster) and 8" x 11" (Desktop Display).**  
Large poster delivered rolled in a shipping tube.

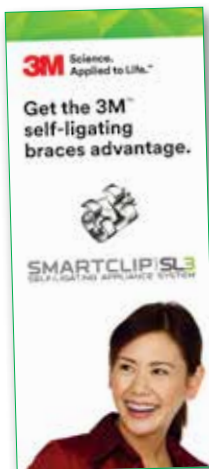
**Bracket Typodont**  
REF 600-221

**Patient Waiting Room DVD**  
Orthodontic Office Presentation.  
2 minutes

**Bracket 15x Demonstration Model**  
REF 600-226

**Patient Brochure**  
Get the 3M™ self-ligating braces advantage.

**Dentist Referral Brochure**  
Your Dentist Has Advised You To See An Orthodontist.



## Victory Series™ Active Self-Ligating Appliances

### Victory Series™ Active Self-Ligating Brackets

### Practice Enhancement Materials

Contact 3M for more information about available marketing materials to best support your practice.



#### Office Posters

Victory Series™ posters are available individually in two different sizes.

**Size: 24" x 36" (Poster) and 8 ½" x 11" (Desktop Display).**

Large poster delivered rolled in a shipping tube.

#### Patient Brochure

**Bracket Typodont**  
REF 600-241

## Clarity™ SL Self-Ligating Appliance System

**CLARITY™ | SL**  
SELF-LIGATING APPLIANCE SYSTEM

### Practice Enhancement Materials

Contact 3M for more information about available marketing materials to best support your practice.



#### Office Posters and Desktop Displays

Clarity™ SL Braces posters are available individually in two different sizes.

**Size: 24" x 36" (Poster) and 8 ½" x 11" (Desktop Display).**

Large poster delivered rolled in a shipping tube.

#### Patient Brochure

**Bracket Typodont**  
Clarity SL Brackets Upper & Lower  
REF 600-235

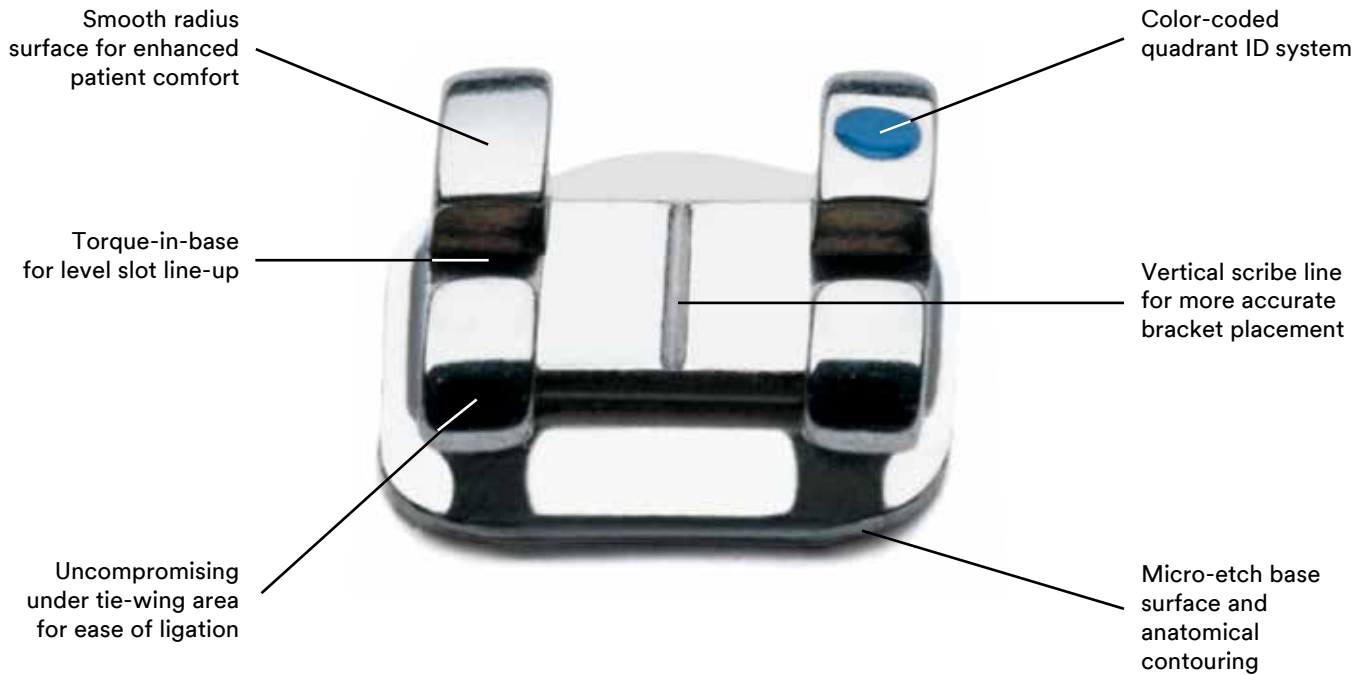
**Bracket Typodont**  
Clarity SL Brackets Upper & SmartClip™  
SL3 Brackets Lower  
REF 600-229

**Bracket 15x Demonstration Model**  
REF 600-230

<b>3M™ Victory Series™ Low Profile Brackets .....</b>	<b>4.2</b>
<b>3M™ Mini Uni-Twin™ Brackets.....</b>	<b>4.6</b>
<b>3M™ Victory Series™ Brackets.....</b>	<b>4.22</b>
<b>3M™ Victory Series™ V-Slot Brackets .....</b>	<b>4.40</b>
<b>3M™ Unitek™ Miniature Twin Metal Brackets .....</b>	<b>4.42</b>
<b>3M™ Unitek™ Miniature Twin V-Slot Metal Brackets .....</b>	<b>4.46</b>
<b>3M™ Level Anchorage™ Bracket System .....</b>	<b>4.49</b>

Refer to Section 5 for Buccal Tubes

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



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 unequaled efficiency of revolutionary APC™ Flash-Free Adhesive. That means less chair time, less than 2% bracket bond failure rate, 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



**APC™ Flash-Free**  
Adhesive Coated Appliance System

**APC™ II**  
Available in APC™ II  
Adhesive Coated  
Appliance System

**APC™ PLUS**  
Available in APC™ PLUS  
Adhesive Coated  
Appliance System

**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.

## Victory Series™ Low Profile Bracket MBT™ Appliance System Prescription

**MBT™**  
Versatile+ Appliance System

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		0	024-891		0
2nd Bicuspid Hook	-7°	0°	.051	1.30		024-813	024-812	0	024-913	024-912	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	-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	024-100	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.

Note		
<b>3</b> APC™ II Brackets sold in units of five.	<b>5</b> APC™ PLUS Brackets sold in units of five.	<b>4</b> 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.

# Victory Series™ Low Profile Bracket – 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	-3°	10°	.021	0.53		024-507	024-508		024-607	024-608	
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
Univ. Bicuspid Hook	-7°	0°	.029	0.73		024-585		0	024-685		0
						024-584		0	024-684		0
MANDIBULAR			IN/OUT			Part Number – .018 in.			Part Number – .022 in.		
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	-7°	6°	.020	0.51	2°	024-5131	024-5141		024-6131	024-6141	
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		0	024-617		0
1st Bicuspid Hook	-17°	0°	.030	0.76		024-519	024-518	0	024-619	024-618	0
Univ. 2nd Bicuspid	-22°	0°	.034	0.86		024-520		0	024-620		0
2nd Bicuspid Hook	-22°	0°	.034	0.86		024-521	024-522	0	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											

## One Patient Kits

	Part Number – .018 in.	Part Number – .022 in.
U/L 5x5 Cuspid Hook 1 Case Kit	024-106	024-126
U/L 5x5 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 3M Oral Care representative for option availability in your area.

\*3M version of this prescription. No endorsement by the Doctor is implied.

### Note

<b>3</b> APC™ II Brackets sold in units of five.	<b>5</b> APC™ PLUS Brackets sold in units of five.	<b>4</b> 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.

## Mini Uni-Twin™ Brackets



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

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.

### APC™ II








Available in APC™ II  
Adhesive Coated  
Appliance System

### APC™ PLUS

Available in APC™ PLUS  
Adhesive Coated  
Appliance System

# Mini Uni-Twin™ Brackets

## Selection By Tooth – Maxillary

	Torque	Ang.	In/Out		M/D	Hook	L/R			
			in.	mm				.018 in.	.022 in.	
	+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	
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	
	+14°	9°	.046	1.17	2.90	D	UL	020-413	020-513	
	+14°	9°	.046	1.17	2.90	D	UR	020-414	020-514	
	+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	
	+3°	9°	.045	1.14	2.90		UR	020-844	020-944	
	0°	0°	.030	0.76	2.90		UL/UR	020-412	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		UL	020-415	-	
	+3°	10°	.035	0.89	3.30		UR	020-416	020-516	
	+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	020-945	
	0°	11°	.032	0.81	3.30		UR	020-846	020-946	
	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	
	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	020-407	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		UL	020-847	020-947	
	-7°	11°	.032	0.81	3.45		UR	020-848	020-948	
	-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°	0°	.033	0.84	3.05	D	UL/LR	020-497	020-597	0
	0°	0°	.033	0.84	3.05	D	UR/LL	020-498	020-598	0
	-7°	0°	.035	0.89	3.05		UNIV	020-853	020-953	0
	-7°	0°	.035	0.89	3.05		UNIV	7018-853	7018-953	0
	-7°	0°	.035	0.89	3.05	D	UL	020-855	020-955	0
	-7°	0°	.035	0.89	3.05	D	UL	7018-855	7018-955	0
	-7°	0°	.035	0.89	3.05	D	UR	020-854	020-954	0
	-7°	0°	.035	0.89	3.05	D	UR	7018-854	7018-954	0

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.

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

## Mini Uni-Twin™ Brackets

### Selection By Tooth – Mandibular

	Torque	Ang.	In/Out		M/D	Hook	L/R	.018 in.		.022 in.	
			in.	mm	Width						
<b>Anterior</b> 	0°	0°	.040	1.02	2.46		L	020-410		020-510	
	-1°	0°	.045	1.14	2.46	UNIV	L/R	020-420		020-520	
	-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		L	020-490		020-590	
<b>Cuspid</b>  	+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		020-965	
	0°	6°	.030	0.76	3.30		LR	020-866		020-966	
	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		LL	020-451		-	
	-7°	6°	.030	0.76	3.30		LR	020-450		020-550	
	-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		020-963	
	-11°	5°	.030	0.76	3.30		LR	020-864		020-964	
	-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	
<b>First Bicuspid</b>  	-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	0
	-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	7018-856		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
	-17°	0°	.032	0.81	3.05	D	LL	7018-859		-	
	-17°	0°	.032	0.81	3.05	D	LR	-		7018-960	
<b>Second Bicuspid</b>  	-11°	6°	.032	0.81	3.05		LL	020-457		020-557	
	-11°	6°	.032	0.81	3.05		LR	020-456		020-556	
	-17°	0°	.032	0.81	3.05		UNIV	-	0	020-521	0
	-17°	0°	.032	0.81	3.05	D	LL	020-422	0	020-522	0
	-17°	0°	.032	0.81	3.05	D	LR	020-423	0	020-523	0
	-22°	0°	.032	0.81	3.05		UNIV	020-857	0	020-957	0
	-22°	0°	.032	0.81	3.05		UNIV	7018-857		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	LL	-		7018-961	
	-22°	0°	.032	0.81	3.05	D	LR	020-862	0	020-962	0
	-22°	0°	.032	0.81	3.05	D	LR	7018-862		7018-962	

Offset

Offset

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		Hook	L/R	.018 in.		.022 in.	
			in.	mm						
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	
	+14°	9°	.046	1.17	D	UL	020-413		020-513	
	+14°	9°	.046	1.17	D	UR	020-414		020-514	
Cuspid	+3°	10°	.032	0.81		UL	020-415		-	
	+3°	10°	.032	0.81		UR	020-416		020-516	
	+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**

<b>3</b> APC™ II Brackets sold in units of five.	<b>5</b> APC™ PLUS Brackets sold in units of five.
Measurements are in millimeters unless otherwise noted.	

## Mini Uni-Twin™ Brackets

### Selection By Sondhi Prescription

Mandibular	Torque	Ang.	In/Out		Hook	L/R	.018 in.		.022 in.	
			in.	mm						
Central	-1°	0°	.045	1.14		UNIV	020-858		020-958	
Lateral	-1°	0°	.045	1.14	UNIV	UNIV	020-420		020-520	
Cuspid	-7°	6°	.030	0.76		LL	020-451		-	
	-7°	6°	.030	0.76		LR	020-450		020-550	
	-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	020-522	0

Offset

Offset

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 <sup>ST</sup>	-10°	7°		L	068-823	1	068-923	1
	-10°	7°		R	068-824	2	068-924	2
Upper 2 <sup>ND</sup>	-19°	8°		L	067-873	1	067-973	1
	-19°	8°		R	067-872	2	067-972	2
Lower 1 <sup>ST</sup>	-25°	0°		L	067-817	3	067-917	3
	-25°	0°		R	067-818	4	067-918	4
Lower 2 <sup>ND</sup>	-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

<b>3</b> Appliance is available in APC™ II Adhesive Coated Appliance System.	<b>5</b> Appliance is available in 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.	<b>1 2 3 4</b> 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		Hook	L/R			.018 in.			.022 in.	
			in.	mm									
Central	+22°	5°	.034	0.86		UL	<b>B</b>		020-468			020-568	
	+22°	5°	.034	0.86		UR		020-469			020-569		
	+17°	5°	.034	0.86		UL	<b>M</b>		020-475			020-575	
	+17°	5°	.034	0.86		UR		020-476			020-576		
	+14°	5°	.034	0.86		UL	<b>D</b>		020-465			020-565	
	+14°	5°	.034	0.86		UR		020-464			020-564		
Lateral	+14°	9°	.046	1.17		UL	<b>B</b>		020-471			020-571	
	+14°	9°	.046	1.17		UR		020-470			020-570		
	+10°	9°	.045	1.14		UL	<b>M</b>		020-477			020-577	
	+10°	9°	.045	1.14		UR		020-478			020-578		
	+8°	9°	.044	1.12		UL	<b>D</b>		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
<b>Mandibular</b>													
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

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

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.

## Mini Uni-Twin™ Brackets

### Selection by Roth\* Prescription

Maxillary	Torque	Ang.	In/Out		Hook	L/R	.018 in.		.022 in.	
			in.	mm						
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		020-945	
	0°	11°	.032	0.81		UR	020-846		020-946	
	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
<b>Mandibular</b>										
Anterior	-1°	0°	.045	1.14		UNIV	020-858		020-958	
Cuspid	-11°	5°	.030	0.76		LL	020-863		020-963	
	-11°	5°	.030	0.76		LR	020-864		020-964	
	-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
Bicuspid	-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

Offset

Offset

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 <sup>ST</sup>	-10°	7°	L	068-805		068-905	
	-10°	7°	R	068-806		068-906	
Upper 2 <sup>ND</sup>	-10°	6°	L	067-829	1	067-929	1
	-10°	6°	R	067-830	2	067-930	2
Lower 1 <sup>ST</sup>	-25°	6°	L	067-801	3	067-901	3
	-25°	6°	R	067-802	4	067-902	4
Lower 2 <sup>ND</sup>	-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: 3068-805

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

#### Note

<b>3</b> Appliance is available in APC™ II Adhesive Coated Appliance System.	<b>5</b> Appliance is available in 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.
*3M version of this prescription. No endorsement by the Doctor is implied.	Measurements are in millimeters unless otherwise noted.
<b>1 2 3 4</b> Buccal Tube is available with a bondable base.	
For detailed buccal tube information see the Buccal Tubes section.	

## Mini Uni-Twin™ Brackets Selection by Andrews\* Prescription

Maxillary	Torque	Ang.	In/Out		Hook	L/R	.018 in.		.022 in.	
			in.	mm						
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		UL	020-847		020-947	
	-7°	11°	.032	0.81		UR	020-848		020-948	
	-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
<b>Mandibular</b>										
Anterior	-1°	0°	.045	1.14		UNIV	020-858		020-958	
Cuspid	-11°	5°	.030	0.76		LL	020-863		020-963	
	-11°	5°	.030	0.76		LR	020-864		020-964	
	-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
Bicuspid	-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

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

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

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

### Note

<b>3</b> Appliance is available in APC™ II Adhesive Coated Appliance System.	<b>5</b> Appliance is available in 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.
*3M version of this prescription. No endorsement by the Doctor is implied.	Measurements are in millimeters unless otherwise noted.
<b>1 2 3 4</b> Buccal Tube is available with a bondable base.	
For detailed buccal tube information see the Buccal Tubes section.	

## Mini Uni-Twin™ Brackets

### Selection by Alexander\* Prescription

Maxillary	Torque	Ang.	In/Out		Hook	L/R	.018 in.		.022 in.	
			in.	mm						
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		020-945	
	0°	11°	.032	0.81		UR	020-846		020-946	
	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
<b>Mandibular</b>										
Anterior	-5°	0°	.044	1.12		UNIV	020-467		020-567	
Cuspid	-7°	6°	.030	0.76		LL	020-451		-	
	-7°	6°	.030	0.76		LR	020-450		020-550	
	-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	020-856	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

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.

\*3M 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		Hook	L/R	.018 in.		.022 in.	
			in.	mm						
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	-	
<b>Mandibular</b>										
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	-	

Offset

Offset

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 <sup>ST</sup>	-10°	14°	L	068-817	1	068-917	
	-10°	14°	R	068-818	2	068-918	
Upper 2 <sup>ND</sup>	-10°	10°	L	067-831	1	067-931	1
	-10°	10°	R	067-832	2	067-932	2
Lower 1 <sup>ST</sup>	-25°	7°	L	067-803	3	067-903	3
	-25°	7°	R	067-804	4	067-904	4
Lower 2 <sup>ND</sup>	-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**

<b>3</b> Appliance is available in APC™ II Adhesive Coated Appliance System.	<b>5</b> Appliance is available in 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.
*3M version of this prescription. No endorsement by the Doctor is implied.	Measurements are in millimeters unless otherwise noted.
<b>1 2 3 4</b> Buccal Tube is available with a bondable base.	
For detailed buccal tube information see the Buccal Tubes section.	

## Mini Uni-Twin™ Brackets

### Selection by Samson\* Prescription

Maxillary	Torque	Ang.	In/Out		Hook	L/R	.018 in.		.022 in.	
			in.	mm						
Central	+22°	5°	.034	0.86		UL	<b>020-468</b>		-	
	+22°	5°	.034	0.86		UR	<b>020-469</b>		-	
Lateral	+14°	9°	.046	1.17		UL	<b>020-471</b>		-	
	+14°	9°	.046	1.17		UR	<b>020-470</b>		-	
Cuspid	+7°	11°	.035	0.89	D	UL	<b>020-485</b>		-	
	+7°	11°	.035	0.89	D	UR	<b>020-486</b>		-	
Bicuspid	-7°	0°	.035	0.89		UNIV	<b>020-853</b>	<b>0</b>	-	
	-7°	0°	.035	0.89	D	UL	<b>020-855</b>	<b>0</b>	-	
	-7°	0°	.035	0.89	D	UR	<b>020-854</b>	<b>0</b>	-	
<b>Mandibular</b>										
Anterior	0°	0°	.040	1.02		UNIV	<b>020-410</b>		-	
Cuspid	+7°	5°	.033	0.84	D	LL	<b>020-484</b>		-	
	+7°	5°	.033	0.84	D	LR	<b>020-483</b>		-	
First Bicuspid	-17°	0°	.032	0.81		UNIV	<b>020-856</b>	<b>0</b>	-	
	-17°	0°	.032	0.81	D	LL	<b>020-859</b>	<b>0</b>	-	
	-17°	0°	.032	0.81	D	LR	<b>020-860</b>	<b>0</b>	-	
Second Bicuspid	-22°	0°	.032	0.81		UNIV	<b>020-857</b>	<b>0</b>	-	
	-22°	0°	.032	0.81	D	LL	<b>020-861</b>	<b>0</b>	-	
	-22°	0°	.032	0.81	D	LR	<b>020-862</b>	<b>0</b>	-	

Offset

Offset

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 <sup>ST</sup>	-10°	14°	L	<b>068-817</b>	<b>1</b>	<b>068-917</b>	
	-10°	14°	R	<b>068-818</b>	<b>2</b>	<b>068-918</b>	
Upper 2 <sup>ND</sup>	-10°	10°	L	<b>067-831</b>	<b>1</b>	<b>067-931</b>	<b>1</b>
	-10°	10°	R	<b>067-832</b>	<b>2</b>	<b>067-932</b>	<b>2</b>
Lower 1 <sup>ST</sup>	-25°	7°	L	<b>067-803</b>	<b>3</b>	<b>067-903</b>	<b>3</b>
	-25°	7°	R	<b>067-804</b>	<b>4</b>	<b>067-904</b>	<b>4</b>
Lower 2 <sup>ND</sup>	-25°	6°	L	<b>067-837</b>	<b>3</b>	<b>067-937</b>	<b>3</b>
	-25°	6°	R	<b>067-838</b>	<b>4</b>	<b>067-938</b>	<b>4</b>

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

<b>3</b> Appliance is available in APC™ II Adhesive Coated Appliance System.	<b>5</b> Appliance is available in 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.
*3M version of this prescription. No endorsement by the Doctor is implied.	Measurements are in millimeters unless otherwise noted.
<b>1 2 3 4</b> 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		Hook	L/R	.018 in.		.022 in.	
			in.	mm						
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
<b>Mandibular</b>										
Anterior	-1°	0°	.045	1.14		UNIV	020-858		020-958	
Cuspid	0°	6°	.030	0.76		LL	020-865		020-965	
	0°	6°	.030	0.76		LR	020-866		020-966	
	0°	6°	.030	0.76	D	LL	020-869		020-969	
	0°	6°	.030	0.76	D	LR	020-870		020-970	
First	-11°	4°	.032	0.81		LL	020-455		020-555	
Bicuspid	-11°	4°	.032	0.81		LR	020-454		020-554	
Second	-11°	6°	.032	0.81		LL	020-457		020-557	
	-11°	6°	.032	0.81		LR	020-456		020-556	

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 <sup>ST</sup>	-10°	14°	L	068-817	1	068-917	
	-10°	14°	R	068-818	2	068-918	
Upper 2 <sup>ND</sup>	-10°	10°	L	067-831	1	067-931	1
	-10°	10°	R	067-832	2	067-932	2
Lower 1 <sup>ST</sup>	-25°	7°	L	067-803	3	067-903	3
	-25°	7°	R	067-804	4	067-904	4
Lower 2 <sup>ND</sup>	-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

<b>Note</b>	<b>3</b> Appliance is available in APC™ II Adhesive Coated Appliance System.	<b>5</b> Appliance is available in 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.	<b>1 2 3 4</b> Buccal Tube is available with a bondable base.	
For detailed buccal tube information see the Buccal Tubes section.		

## Mini Uni-Twin™ Brackets

### Selection by Dischinger\* Prescription

Maxillary	Torque	Ang.	In/Out		Hook	L/R	.018 in.		.022 in.	
			in.	mm						
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		020-945	
	0°	11°	.032	0.81		UR	020-846		020-946	
	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
<b>Mandibular</b>										
Anterior	-10°	0°	.044	1.12		UNIV	020-490		020-590	
Cuspid	-11°	5°	.030	0.76		LL	020-863		020-963	
	-11°	5°	.030	0.76		LR	020-864		020-964	
	-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

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 <sup>ST</sup>	-10°	7°	L	068-851	1	068-951	1
	-10°	7°	R	068-852	2	068-952	2
Upper 2 <sup>ND</sup>	-10°	10°	L	067-831	1	067-931	1
	-10°	10°	R	067-832	2	067-932	2
Lower 1 <sup>ST</sup>	-25°	7°	L	067-803	3	067-903	3
	-25°	7°	R	067-804	4	067-904	4
Lower 2 <sup>ND</sup>	-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

<b>3</b> Appliance is available in APC™ II Adhesive Coated Appliance System.	<b>5</b> Appliance is available in 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.
*3M 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		Hook	L/R	.018 in.		.022 in.	
			in.	mm						
Central	0°	0°	.030	0.76		UNIV	020-411		020-511	
Lateral	0°	0°	.030	0.76		UNIV	020-412		020-512	
Cuspid	0°	0°	.030	0.76		UNIV	020-407		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	0	020-589	0
	0°	0°	.033	0.84	D	UL/LR	020-497		020-597	
	0°	0°	.033	0.84	D	UR/LL	020-498	0	020-598	
<b>Mandibular</b>										
Anterior	0°	0°	.040	1.02		UNIV	020-410		020-510	
Cuspid	0°	0°	.030	0.76		UNIV	020-407		020-507	
	0°	0°	.030	0.76	D	LL	020-408		020-508	
	0°	0°	.030	0.76	D	LR	020-409		020-509	

Offset

Offset

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 <sup>ST</sup>	0°	7°	L	068-801		068-901	
	0°	7°	R	068-802		068-902	
Upper 2 <sup>ND</sup>	0°	6°	L	067-827	1	067-927	1
	0°	6°	R	067-828	2	067-928	2
Lower 1 <sup>ST</sup>	0°	6°	L	067-809	3	067-909	3
	0°	6°	R	067-810	4	067-910	4
Lower 2 <sup>ND</sup>	0°	6°	L	067-828	3	067-928	3
	0°	6°	R	067-827	4	067-927	4

Base

Base

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

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

<b>Note</b>	
<b>3</b> Appliance is available in APC™ II Adhesive Coated Appliance System.	<b>5</b> Appliance is available in 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.	<b>1 2 3 4</b> 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™ ZeroBase™ Buccal Tubes

#### Mini Uni-Twin Brackets Roth\* Prescription One Case Kits

	Type	Hook	.018 in.	.022 in.
U/L Mesh	5 × 5		<b>020-165</b>	<b>020-169</b>
U/L Mesh	5 × 5	Cuspid/Bicuspid	<b>020-167</b>	<b>020-171</b>
U/L Mesh	5 × 5	Cuspid	<b>020-194</b>	<b>020-195</b>

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 × 5		<b>020-183</b>	-

#### Victory Series Buccal Tubes ZeroBase Prescription

	Torque	Offset	Headgear	L/R	.018 in.	.022 in.
Upper 1 <sup>ST</sup>	0°	15°	.045	L	<b>068-825</b>	
	0°	15°	.045	R	<b>068-826</b>	
Upper 1 <sup>ST</sup>	-10°	14°	.045	L	<b>068-817</b>	<b>1</b> <b>068-917</b>
	-10°	14°	.045	R	<b>068-818</b>	<b>2</b> <b>068-918</b>
Upper 2 <sup>ND</sup>	-10°	10°		L	<b>067-831</b>	<b>1</b> <b>067-931</b> <b>1</b>
	-10°	10°		R	<b>067-832</b>	<b>2</b> <b>067-932</b> <b>2</b>
Lower 1 <sup>ST</sup>	-25°	7°		L	<b>067-803</b>	<b>3</b> <b>067-903</b> <b>3</b>
	-25°	7°		R	<b>067-804</b>	<b>4</b> <b>067-904</b> <b>4</b>
Lower 2 <sup>ND</sup>	-25°	6°		L	<b>067-837</b>	<b>3</b> <b>067-937</b> <b>3</b>
	-25°	6°		R	<b>067-838</b>	<b>4</b> <b>067-938</b> <b>4</b>

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

<b>3</b> Appliance is available in APC™ II Adhesive Coated Appliance System.	<b>5</b> Appliance is available in 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.	
*3M version of this prescription. No endorsement by the Doctor is implied.	Measurements are in millimeters unless otherwise noted.
<b>1 2 3 4</b>	
Buccal Tube is available with a bondable base.	
For detailed buccal tube information see the Buccal Tubes section.	

## Mini Uni-Twin™ Case Kits

Mini Uni-Twin Mesh Brackets Andrews* Prescription One Case Kits				
	Type	Hook	.018 in.	.022 in.
U/L	5 × 5	Cuspid/Bicuspid	020-175	-

### Victory Series Buccal Tubes Alexander\* Prescription

	Torque	Offset	L/R	.018 in.		.022 in.	
Upper 1 <sup>ST</sup>	-10°	14°	L	068-809		068-909	
	-10°	14°	R	068-810		068-910	
Upper 2 <sup>ND</sup>	-10°	10°	L	067-831	1	067-931	1
	-10°	10°	R	067-832	2	067-932	2
Lower 1 <sup>ST</sup>	-25°	6°	L	067-801	3	067-901	3
	-25°	6°	R	067-802	4	067-902	4
Lower 2 <sup>ND</sup>	-25°	6°	L	067-837	3	067-937	3
	-25°	6°	R	067-838	4	067-938	4

Base

Adding Prefix "3" is APC™ II Adhesive System –  
Example: 3068-809

Adding Prefix "5" is APC™ PLUS Adhesive System –  
Example: 5068-809

**Note**

<b>3</b> Appliance is available in APC™ II Adhesive Coated Appliance System.	<b>5</b> Appliance is available in 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.	
*3M version of this prescription. No endorsement by the Doctor is implied.	Measurements are in millimeters unless otherwise noted. <b>1 2 3 4</b> Buccal Tube is available with a bondable base.
For detailed buccal tube information see the Buccal Tubes section.	

## Victory Series™ Brackets



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



3M 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 bicuspids 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 3M. Providing products that make your life easier.

### APC™ II





Available in APC™ II  
Adhesive Coated  
Appliance System

### APC™ PLUS

Available in APC™ PLUS  
Adhesive Coated  
Appliance System

\*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

	Torque	Ang.	In/Out		M/D	Hook	L/R	.018 in.	.022 in.
			in.	mm	Width				
<b>Central Twin</b> 	+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	017-695
	+17°	5°	.040	1.02	3.5		R	017-596	017-696
	+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
	<b>Central Single</b> 	+14°	5°	.042	1.07	6.4		L	017-435
+14°		5°	.042	1.07	6.4		R	017-436	017-536
<b>Lateral Twin</b> 	+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	017-571	017-671
	+14°	8°	.052	1.32	2.6	D	R	017-572	017-672
	+14°	8°	.042	1.07	2.6		L	017-565	017-665
	+14°	8°	.042	1.07	2.6		R	017-566	017-666
	+14°	8°	.042	1.07	2.6	D	L	017-567	-
	+14°	8°	.042	1.07	2.6	D	R	017-568	-
	+14°	0°	.042	1.07	2.6		L	017-597	-
	+14°	0°	.042	1.07	2.6		R	017-598	-
	+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	
<b>Lateral Single</b> 	+7°	8°	.049	1.24	5.5		L	017-437	017-537
	+7°	8°	.049	1.24	5.5		R	017-438	017-538

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.

## Victory Series™ Brackets

### Selection By Tooth – Maxillary

	Torque	Ang.	In/Out		M/D	Hook	L/R	.018 in.	.022 in.
			in.	mm	Width				
<b>Cuspid Twin</b> 	+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	017-705
	+7°	5°	.031	0.79	3.2		R	017-606	017-706
	+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	017-618	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	017-779	017-879	
-7°	8°	.032	0.81	3.2		R	017-780	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	
<b>Cuspid Single</b> 	+3°	10°	.031	0.79	6.4	Hk	L	017-629	017-729
	+3°	10°	.031	0.79	6.4	Hk	R	017-630	017-730
	0°	6°	.040	1.02	6.4		L	017-763	017-863
	0°	6°	.040	1.02	6.4		R	017-764	017-864
	-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

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		M/D Width	Hook	L/R	.018 in.		.022 in.	
			in.	mm							
<b>Universal Bicuspid Twin</b> 	0°	0°	.036	0.91	3.0		L/R	<b>017-657</b>	<b>0</b>	<b>017-757</b>	<b>0</b>
	0°	0°	.036	0.91	3.0	D	L	<b>017-659</b>	<b>0</b>	<b>017-759</b>	<b>0</b>
	0°	0°	.036	0.91	3.0	D	R	<b>017-658</b>	<b>0</b>	<b>017-758</b>	<b>0</b>
	-7°	0°	.036	0.91	3.0		L/R	<b>017-583</b>	<b>0</b>	<b>017-683</b>	<b>0</b>
	-7°	0°	.036	0.91	3.0	D	L	<b>017-585</b>	<b>0</b>	<b>017-685</b>	<b>0</b>
	-7°	0°	.036	0.91	3.0	D	R	<b>017-584</b>	<b>0</b>	<b>017-684</b>	<b>0</b>
	-7°	0°	.036	0.91	3.0	M	L	<b>017-647</b>	<b>0</b>	<b>017-747</b>	<b>0</b>
	-7°	0°	.036	0.91	3.0	M	R	<b>017-648</b>	<b>0</b>	<b>017-748</b>	<b>0</b>
	-7°	0°	.036	0.91	3.0		L/R	<b>017-790</b>	<b>0</b>	<b>017-890</b>	<b>0</b>
<b>Universal Bicuspid Single</b> 	-7°	0°	.036	0.91	5.3		L/R	<b>017-415</b>	<b>0</b>	<b>017-515</b>	<b>0</b>
	-7°	0°	.036	0.91	5.3	Hk	L/R	<b>017-416</b>	<b>0</b>	<b>017-516</b>	<b>0</b>
	-7°	0°	.036	0.91	5.3		L/R	<b>7017-415</b>		<b>7017-515</b>	
	-7°	0°	.036	0.91	5.3	Hk	L/R	<b>7017-416</b>		-	
<b>*Second Bicuspid Twin THk</b> 	-7°	0°	.055	1.40	3.0		L/R	<b>017-791</b>	<b>0</b>	<b>017-891</b>	<b>0</b>
	-7°	0°	.055	1.40	3.0	D	L	<b>017-813</b>	<b>0</b>	<b>017-913</b>	<b>0</b>
	-7°	0°	.055	1.40	3.0	D	R	<b>017-812</b>	<b>0</b>	<b>017-912</b>	<b>0</b>
* Optional – Compensated in/out for tooth size discrepancy								Offset		Offset	
								Adding Prefix "3" is APC™ II Adhesive System – Example: 3017-657			
								Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5017-657			

**Note**

<b>3</b> APC™ II Brackets sold in units of five.	<b>5</b> 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 – Mandibular

	Torque	Ang.	In/Out		M/D	Hook	L/R	.018 in.		.022 in.	
			in.	mm	Width						
<b>Anterior Twin</b> 	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	017-439		017-539	
	-1°	0°	.058	1.47	2.4	D	LR	017-440		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	
<b>Anterior Single</b> 	-1°	0°	.058	1.47	4.4		L/R	017-417		017-517	
	-1°	0°	.058	1.47	4.4	Hk	L/R	017-418		-	
	-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		-	
<b>Cuspid Twin</b>  	+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		
<b>Cuspid Single</b>  	-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		017-525	
	-7°	6°	.027	0.69	6.4	Hk	R	017-426		017-526	
	0°	6°	.040	1.02	6.4		L	017-761		-	
	0°	6°	.040	1.02	6.4		R	017-762		-	

Offset

Offset

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

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

**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 – Mandibular

	Torque	Ang.	In/Out		M/D	Hook	L/R	.018 in.		.022 in.	
			in.	mm				Width	Offset	Offset	
<b>First Bicuspid Twin</b> 	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	0	017-701	0
	0°	0°	.036	0.91	3.0	D	R	017-602	0	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	
<b>First Bicuspid Single</b> 	-11°	0°	.038	0.97	5.3		L/R	017-431	0	017-531	0
	-11°	0°	.038	0.97	5.3	Hk	L/R	017-432	0	017-532	0
	-11°	0°	.035	0.89	5.3		L/R	7017-431		7017-531	
	-11°	0°	.035	0.89	5.3	Hk	L/R	-		7017-532	
	-11°	-4°	.038	0.97	5.3		L	017-765		017-865	
	-11°	-4°	.038	0.97	5.3		R	017-766		017-866	
<b>Second Bicuspid Twin</b> 	-11°	0°	.038	0.97		M	LL	017-649	0	-	
	-11°	0°	.038	0.97		M	LR	017-650	0	-	
	-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	0	017-691	0
	-17°	0°	.039	0.99	3.0	D	R	017-590	0	017-690	0
	-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
-22°	0°	.033	0.84	3.0	D	R	017-594	0	017-694	0	
<b>Second Bicuspid Single</b> 	-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	0
	-17°	0°	.035	0.89	5.3	Hk	L/R	017-434	0	-	
	-17°	0°	.035	0.89	5.3		L/R	7017-433		7017-533	

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

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

<b>Note</b>	<b>3</b> APC™ II Brackets sold in units of five.	<b>5</b> 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.

## Victory Series™ Brackets

## Selection By MBT™ Versatile+ Appliance System

Maxillary	Torque	Ang.	In/Out		Hook	L/R				
			in.	mm			.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	017-779		017-879	
	-7°	8°	.032	0.81		UR	017-780		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	0
	-7°	0°	.055	1.40	D	UR	017-812	0	017-912	0
<b>Mandibular</b>										
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

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

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

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

**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		Hook	L/R	.018 in.		.022 in.	
			in.	mm						
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	017-571		017-671	
	+14°	8°	.052	1.32	D	UR	017-572		017-672	
Cuspid	+3°	10°	.031	0.79	Hk	UL	017-629		017-729	
	+3°	10°	.031	0.79	Hk	UR	017-630		017-730	
Bicuspid	-7°	0°	.036	0.91		UNIV	017-415	0	017-515	0
	-7°	0°	.036	0.91	Hk	UNIV	017-416	0	017-516	0
<b>Mandibular</b>										
Anterior Central	-1°	0°	.058	1.47		UNIV	017-417		017-517	
Anterior Lateral	-1°	0°	.058	1.47	Hk	UNIV	017-418		-	
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		017-525	
	-7°	6°	.027	0.69	Hk	LR	017-426		017-526	
First Bicuspid	-11°	0°	.038	0.97		UNIV	017-431	0	017-531	0
	-11°	0°	.038	0.97	Hk	UNIV	017-432	0	017-532	0
Second Bicuspid	-17°	0°	.038	0.97		UNIV	017-433	0	017-533	0
	-17°	0°	.038	0.97	Hk	UNIV	017-434	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**

<b>3</b> APC™ II Brackets sold in units of five.	<b>5</b> APC™ PLUS Brackets sold in units of five.
Measurements are in millimeters unless otherwise noted.	

## Victory Series™ Brackets

### Selection By ZeroBase™ Prescription

Maxillary	Torque	Ang.	In/Out		Hook	L/R		.018 in.		.022 in.	
			in.	mm							
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		017-695	
	+17°	5°	.040	1.02		UR		017-596		017-696	
	+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	
<b>Mandibular</b>											
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
	-11°	0°	.038	0.97	M	LL	B M D	017-649	0	-	
	-11°	0°	.038	0.97	M	LR	B M D	017-650	0	-	

B Brachyfacial    M Mesofacial    D Dolichofacial

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.

\*3M 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		Hook	L/R	.018 in.		.022 in.	
			in.	mm						
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	017-647	0	017-747	0
	-7°	0°	.036	0.91	M	UR	017-648	0	017-748	0
<b>Mandibular</b>										
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**

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

## Victory Series™ Brackets

### Selection By Andrews\* Prescription

Maxillary	Torque	Ang.	In/Out		Hook	L/R	.018 in.	.022 in.			
			in.	mm							
Central	+7°	5°	.040	1.02		UL	017-801				
	+7°	5°	.040	1.02		UR	017-802				
Lateral	+3°	9°	.049	1.24		UL	017-803				
	+3°	9°	.049	1.24		UR	017-804				
Cuspid	-3°	10°	.032	0.81		UL	017-411				
	-3°	10°	.032	0.81		UR	017-412				
	-3°	10°	.032	0.81	D	LL	017-413				
	-3°	10°	.032	0.81	D	LR	017-414				
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	017-647			017-747	0
	-7°	0°	.036	0.91	M	UR	017-648			017-748	0
<b>Mandibular</b>											
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	
<p>Adding Prefix "3" is APC™ II Adhesive System – Example: 3017-801</p> <p>Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5017-801</p>											

**Note****3** APC™ II Brackets sold in units of five.**5** APC™ PLUS Brackets sold in units of five.\*3M version of this prescription.  
No endorsement by the Doctor is implied.

Measurements are in millimeters unless otherwise noted.

# Victory Series™ Brackets

## Selection By Alexander\* Prescription

Maxillary	Torque	Ang.	In/Out		Hook	L/R	.018 in.	.022 in.	Offset	
			in.	mm						
Central Twin	+14°	5°	.040	1.02		UL	017-401	017-501		
	+14°	5°	.040	1.02		UR	017-402	017-502		
Central Single	+14°	5°	.042	1.07		UL	017-435	017-535		
	+14°	5°	.042	1.07		UR	017-436	017-536		
Lateral Twin	+7°	8°	.049	1.24		UL	017-403	017-503		
	+7°	8°	.049	1.24		UR	017-404	017-504		
	+7°	8°	.049	1.24	D	UL	017-405	017-505		
	+7°	8°	.049	1.24	D	UR	017-406	017-506		
Lateral Single	+7°	8°	.049	1.24		UL	017-437	017-537		
	+7°	8°	.049	1.24		UR	017-438	017-538		
Cuspid Single	-3°	10°	.031	0.79		UL	017-407	017-507		
	-3°	10°	.031	0.79		UR	017-408	017-508		
	-3°	10°	.031	0.79	Hk	UL	017-409	017-509		
	-3°	10°	.031	0.79	Hk	UR	017-410	017-510		
Bicuspid Single	-7°	0°	.036	0.91		UNIV	017-415	0	017-515	0
	-7°	0°	.036	0.91	Hk	UNIV	017-416	0	017-516	0
<b>Mandibular</b>										
Anterior Single	-5°	0°	.059	1.50		UNIV	017-420	017-520		
	-5°	0°	.059	1.50	Hk	UNIV	017-421	-		
Cuspid Single	-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	017-525		
	-7°	6°	.027	0.69	Hk	LR	017-426	017-526		
First Bicuspid Single	-11°	0°	.038	0.97		UNIV	017-431	0	017-531	0
	-11°	0°	.038	0.97	Hk	UNIV	017-432	0	017-532	0
Second Bicuspid Single	-17°	0°	.038	0.97		UNIV	017-433	0	017-533	0
	-17°	0°	.038	0.97	Hk	UNIV	017-434	0	-	

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

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

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

## Victory Series™ Brackets

### Selection By Hilgers\* Prescription

Maxillary	Torque	Ang.	In/Out		Hook	L/R	.018 in.		.022 in.	
			in.	mm						
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	017-647		017-747	0
	-7°	0°	.036	0.91	M	UR	017-648		017-748	0
<b>Mandibular</b>										
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.

\*3M 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		Hook	L/R	.018 in.	.022 in.	Offset
			in.	mm					
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	017-705	
	+7°	5°	.031	0.79		UR	017-606	017-706	
	+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	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	
<b>Mandibular</b>									
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	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	017-686	0
	-11°	0°	.038	0.97	D	LL	017-587	017-687	0
	-11°	0°	.038	0.97	D	LR	017-588	017-688	0

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

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

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

## Victory Series™ Brackets

### Selection By Samson\* Prescription

Maxillary	Torque	Ang.	In/Out		Hook	L/R	.018 in.	.022 in.		
			in.	mm						
Central Phase 1	+22°	0°	.040	1.02		UL	017-563			
	+22°	0°	.040	1.02		UR	017-564			
Central Phase 2	+22°	5°	.040	1.02		UL	017-561			
	+22°	5°	.040	1.02		UR	017-562			
Lateral	+7°	8°	.049	1.24		UL	017-403			
	+7°	8°	.049	1.24		UR	017-404			
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			
	+7°	5°	.031	0.79	D	UR	017-608			
	+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	017-647		017-747	
	-7°	0°	.036	0.91	M	UR	017-648		017-748	
<b>Mandibular</b>										
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.

\*3M 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		Hook	L/R	.018 in.		.022 in.	
			in.	mm						
Central	+17°	5°	.040	1.02		UL	017-595		017-695	
	+17°	5°	.040	1.02		UR	017-596		017-696	
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	017-647		017-747	
	-7°	0°	.036	0.91	M	UR	017-648		017-748	
<b>Mandibular</b>										
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.

\*3M version of this prescription.  
No endorsement by the Doctor is implied.

Measurements are in millimeters unless otherwise noted.

## Victory Series™ Brackets

### Selection By Level Anchorage™ Prescription

Maxillary	Torque	Ang.	In/Out		Hook	L/R	.018 in.		.022 in.		
			in.	mm							
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		017-537		
	+7°	8°	.049	1.24		UR	017-438		017-538		
Cuspid Single	0°	6°	.040	1.02		UL	017-763		017-863		
	0°	6°	.040	1.02		UR	017-764		017-864		
Bicuspid Single	-7°	0°	.036	0.91		UNIV	017-415		017-515		
	-7°	0°	.036	0.91	Hk	UNIV	017-416		017-516		
<b>Mandibular</b>											
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		017-865		
	-11°	-4°	.038	0.97		LR	017-766		017-866		
Second Bicuspid Single	-11°	-6°	.038	0.97		LL	017-767		-		
	-11°	-6°	.038	0.97		LR	017-768		-		
							Offset			Offset	
							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 <sup>ST</sup>	-10°	14°	L	068-817	1	068-917	1
	-10°	14°	R	068-818	2	068-918	2
Upper 2 <sup>ND</sup>	-10°	10°	L	067-831	1	067-931	1
	-10°	10°	R	067-832	2	067-932	2
Lower 1 <sup>ST</sup>	-25°	7°	L	067-803	3	067-903	3
	-25°	7°	R	067-804	4	067-904	4
Lower 2 <sup>ND</sup>	-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

<b>3</b> Appliance is available in APC™ II Adhesive Coated Appliance System.	<b>5</b> Appliance is available in 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.	<b>1 2 3 4</b> Buccal Tube is available with a bondable base.
For detailed buccal tube information see the Buccal Tubes section.	

## 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 × 5	<b>017-451</b>	<b>017-551</b>
	U/L	5 × 5	<b>017-452</b>	<b>017-552</b>

Adding Prefix "3" is APC™ II Adhesive System –  
Example: 3017-451

Adding Prefix "5" is APC™ PLUS Adhesive System –  
Example: 5017-451

Victory Series™ Brackets Roth* Prescription One Case Kits				
	Type	Hook	.018 in.	.022 in.
	U/L	5 × 5	<b>017-447</b>	<b>017-547</b>
	U/L	5 × 5	<b>017-448</b>	<b>017-548</b>

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 × 5	<b>017-460</b>	-

**Note**

\*3M version of this prescription.  
No endorsement by the Doctor is implied.

## 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: 3M Innovation working for you.

### APC™ II

Available in APC™ II  
Adhesive Coated  
Appliance System

### APC™ PLUS

Available in APC™ PLUS  
Adhesive Coated  
Appliance System

## Victory Series™ V-Slot Brackets

Maxillary	Torque	Ang.	In/Out		Hook	L/R	.018 in.		.022 in.	
			in.	mm						
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	-		017-919	
	-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	0
	-7°	0°	.043	1.09	D	UR	017-822	0	017-922	0
	-7°	0°	.043	1.09		UNIV	7017-820		7017-920	
<b>Mandibular</b>										
Anterior	-1°	0°	.064	1.63		UNIV	017-825		017-925	
Cuspid	-7°	6°	.041	1.04		LL	-		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	0
	-17°	0°	.044	1.12	D	LR	-		017-932	0
	-17°	0°	.044	1.12		UNIV	7017-828		7017-928	
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	0	017-934	0
	-22°	0°	.047	1.19	D	LL	017-835	0	017-935	0

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	.018 in.	.022 in.
U/L 5 × 5	-	017-556	-
U/L 5 × 5	Cuspid	017-457	017-557
U/L 5 × 5	Cuspid/Bicuspid	017-458	-

Adding Prefix "3" is APC™ II Adhesive System – Example: 3017-556

Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5017-556

#### Note

<b>3</b> APC™ II Brackets sold in units of five.	<b>5</b> 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.
*3M version of this prescription. No endorsement by the Doctor is implied.	

## Unitek™ 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.

Unitek 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

Unitek 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, Unitek Miniature Twin brackets include a smooth,

bi-directional hook for superior elastic engagement. Backed by 3M, the leader in orthodontic brackets and appliances for more than 60 years, Unitek Miniature Twin brackets promise outstanding performance for patients and practitioners alike.

**APC™ II**

Available in APC™ II  
Adhesive Coated  
Appliance System

**APC™ PLUS**

Available in APC™ PLUS  
Adhesive Coated  
Appliance System

## Unitek™ Miniature Twin Metal Brackets Selection By MBT™ Versatile+ Appliance System

Maxillary	In/Out							.018 in.	.022 in.
	Torque	Ang.	in.	mm	Hook	D/R	L/R		
Central	+17°	+4°	.031	0.79			L	020-601	020-701
	+17°	+4°	.031	0.79			R	020-602	020-702
Lateral	+8°	+8°	.044	1.12			L	020-603	020-703
	+8°	+8°	.044	1.12			R	020-604	020-704
Cuspid	0°	+8°	.026	0.66	D/Hk		L	020-605	020-705
	0°	+8°	.026	0.66	D/Hk		R	020-606	020-706
Bicuspid	-7°	+0°	.028	0.71	D/Hk		L	020-607	020-707
	-7°	+0°	.028	0.71	D/Hk		R	020-608	020-708
<b>Mandibular</b>									
Anterior	-6°	0°	.044	1.12			L/R	020-609	020-709
Cuspid	0°	+3°	.018	0.46	D/Hk	6°	L	020-610	020-710
	0°	+3°	.018	0.46	D/Hk	6°	R	020-611	020-711
First	-12°	+2°	.030	0.76	D/Hk		L	020-612	020-712
Bicuspid	-12°	+2°	.030	0.76	D/Hk		R	020-613	020-713
Second	-17°	+2°	.029	0.74	D/Hk		L	020-614	020-714
Bicuspid	-17°	+2°	.029	0.74	D/Hk		R	020-615	020-715

Offset

Offset

Adding Prefix "3" is APC™ II Adhesive System –  
Example: 3020-601

### Unitek Miniature Twin MBT Versatile+ Appliance System Brackets One Case Kits

Type	Hook	.018 in.	.022 in.
U/L	5 × 5	020-201	020-202
U/L	3 × 3	020-203	020-204









Adding Prefix "3" is APC™ II Adhesive System –  
Example: 3020-201

**Note**

3 APC™ II Brackets sold in units of five.

Measurements are in millimeters unless otherwise noted.

## Unitek™ Miniature Twin Metal Brackets Selection By Roth\* Prescription

Maxillary	Torque	Ang.	In/Out		M/D	Hook	L/R	D/R	.018 in.	.022 in.	Offset
			in.	mm							
	+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	
	-1°	0°	.044	1.12	2.4		L		017-213	017-313	
	-11°	+5°	.018	0.46	3.0		L	6°	017-377	017-477	
	-11°	+5°	.018	0.46	3.0		R	6°	017-378	-	
	-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**

<b>3</b> APC™ II Brackets sold in units of five.	<b>5</b> APC™ PLUS Brackets sold in units of five.
*3M 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.

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

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

## Unitek™ Miniature Twin Metal Brackets

### Unitek Miniature Twin Brackets Roth\* Prescription One Case Kits

	Type	Hook	.018 in.	.022 in.
U/L	5 × 5	Cuspid/Bicuspid	<b>017-102</b>	<b>017-104</b>
U/L	5 × 5	-	-	<b>017-106</b>
U/L	5 × 5	Cuspid	<b>017-112</b>	<b>017-114</b>
U/L	5 × 5	-	-	<b>017-1061</b>
U/L	5 × 5	Cuspid/Bicuspid	<b>017-1021</b>	<b>017-1041</b>
U/L	5 × 5	Cuspid	<b>017-1121</b>	-

Adding Prefix "3" is APC™ II Adhesive System –  
Example: 3017-102

Adding Prefix "5" is APC™ PLUS Adhesive System –  
Example: 5017-102

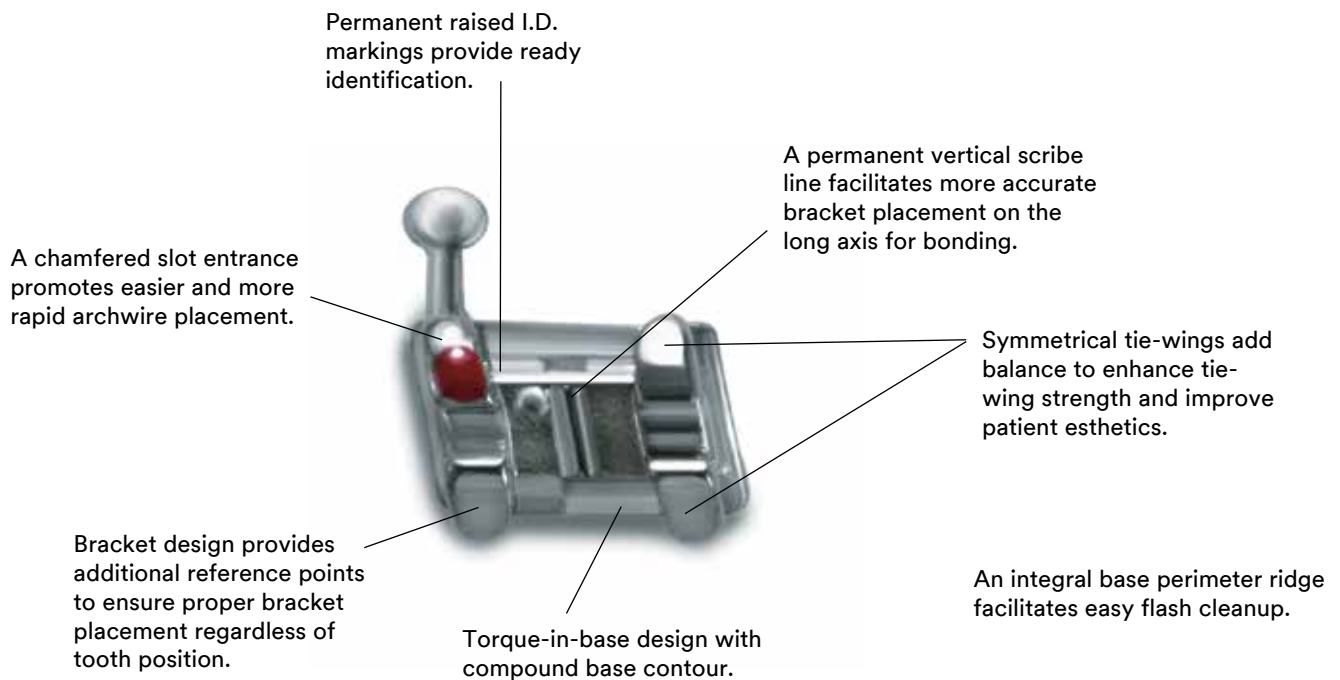
### Unitek Miniature Twin Brackets Roth\* Prescription Ten Case Kits

	Type	Hook	.018 in.	.022 in.
U/L	5 × 5		-	<b>017-107</b>
U/L	5 × 5	Cuspid/Bicuspid	-	<b>017-105</b>
U/L	5 × 5	Cuspid	-	<b>017-115</b>

**Note**

\*3M version of this prescription.  
No endorsement by the Doctor is implied.

## Unitek™ Miniature Twin V-Slot Metal Brackets



Unitek 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. Unitek 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

# Unitek™ Miniature Twin V-Slot Metal Brackets Selection By Roth\* Prescription

	Torque	Ang.	In/Out		M/D		Hook	L/R	Offset	
			in.	mm	Width				.018 in.	.022 in.
<b>Maxillary</b> 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	
<b>Mandibular</b>										
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	

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 × 5		017-120	-
U/L	5 × 5	Cuspid	-	017-134

Adding Prefix "3" is APC™ II Adhesive System – Example: 3017-120  
 Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5017-120

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

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

	Torque	Ang.	In/Out		M/D	Hook	L/R	Offset	
			in.	mm	Width			.018 in.	.022 in.
<b>Maxillary</b>									
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
<b>Mandibular</b>									
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

Adding Prefix "3" is APC™ II Adhesive System –  
Example: 3017-250

Adding Prefix "5" is APC™ PLUS Adhesive System –  
Example: 5017-250

### 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.

## Level Anchorage™ Bracket System

With the Level Anchorage™ system, severity of the orthodontic malocclusion is quantified by ascribing numeric values to each of the existing variables. Analysis of these values determines specific treatment steps toward a selected and predictably attainable goal. Each step is allotted a certain time for completion and when the steps are added together, total treatment time is reliably estimated.

- Since each patient has a distinct diagnosis and is treated according to his/her treatment goal, a special appliance which can respond to this criteria is required. The Unitek Mini Uni-Twin™ appliance combines the rotational control of a twin, with the increased interbracket distance of a single.
- The correct torque, tip and in/out relationship is built into each bracket and buccal tube. This allows standardization to occur from which each step of treatment can be anticipated and accurately predicted. Anchorage is automatically set up and time consuming archwire bends are eliminated.
- In those cases where increased or additional anchorage is necessary, a “Major” Anchorage prescription should be used to increase the distal crown tip on those critical anchor teeth.
- The Unitek Mini Uni-Twin Level Anchorage appliance is available with or without APC™ Adhesive Coated Appliance System.

### Level Anchorage™ System

#### Treatment Guide

The Level Anchorage™ System Treatment Guide contains pages from the manual that have been reproduced on very heavy paper. The Treatment Guide was designed for orthodontists' use at chairside as a reference guide.

**701-718**

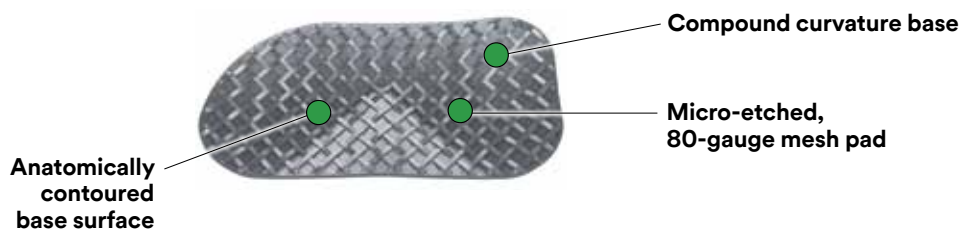
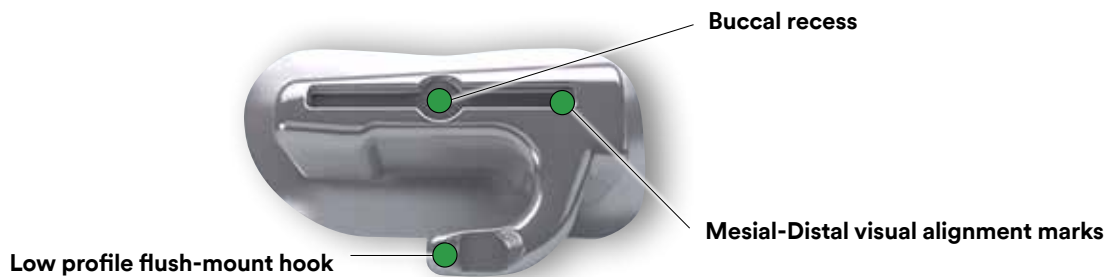
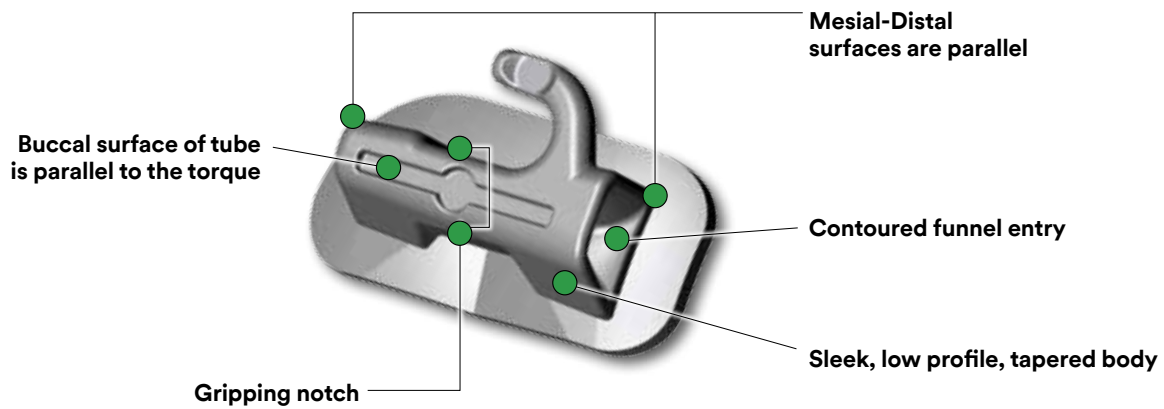


<b>3M™ Victory Series™ Superior Fit Buccal Tubes .....</b>	<b>5.2</b>
<b>3M™ Victory Series™ Buccal Tubes .....</b>	<b>5.4</b>
<b>3M™ Victory Series™ Molar Bonding Bases .....</b>	<b>5.5</b>
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Victory Series™ Superior Fit Buccal Tubes

Victory Series™  
Superior Fit Buccal Tubes

# Superior Fit Outstanding Comfort Low Profile Tubes



## 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.

## Victory Series™ Superior Fit Buccal Tubes



### 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 3M 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

\*3M version of this prescription. No endorsement by the Doctor is implied.

Adding Prefix “4” is APC™ Flash-Free Adhesive System – Example: 4069-5113

Adding Prefix “3” is APC™ II Adhesive System – Example: 3069-5113

Check with 3M on local availability.

**MBT™**  
Versatile+ Appliance System

**APC™ II**  
Available in APC™ II  
Adhesive Coated  
Appliance System

**APC™ Flash-Free**  
Available in APC™ Flash-Free  
Adhesive Coated  
Appliance System

## 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.



**MBT™**  
Versatile+ Appliance System

**APC™ II**  
Available in APC™ II  
Adhesive Coated  
Appliance System

**APC™ PLUS**  
Available in APC™ PLUS  
Adhesive Coated  
Appliance System

## Victory Series™ First Molar Buccal Tubes

### Upper Convertible Double Combination



Compatible with the  
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 the  
Forsus™ Fatigue Resistant Device  
EZ2 Module



Slot Torque		Distal Offset	Headgear	Length	L/R	.018 Slot	.022 Slot
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

**MBT™**

**MBT™**

**MBT™**

**MBT™**

## 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	<b>MBT™</b>
-14°		10°	.045	4.3 mm	UR	068-886	068-986	<b>MBT™</b>
-14°		10°	.051	4.3 mm	UL	068-887	068-987	<b>MBT™</b>
-14°		10°	.051	4.3 mm	UR	068-888	068-988	<b>MBT™</b>

### 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

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**

<b>3</b> Use this prefix to order APC™ II Adhesive Coated Appliance System.	<b>5</b> 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.
<b>1 2 3 4</b>	Buccal Tube is available with a bondable base.

## Victory Series™ First Molar Buccal Tubes

### Upper Convertible Triple Combination - Occlusal Headgear



Compatible with the  
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
-14°	0°	10°	.045	4.3 mm	UR	068-890	068-990
-14°	0°	10°	.051	4.3 mm	UL	068-891	068-991
-14°	0°	10°	.051	4.3 mm	UR	068-892	068-992

**MBT™**

**MBT™**

**MBT™**

**MBT™**

### Upper Convertible Triple Combination Differentiated Slot



Compatible with the  
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	3.6 mm	UL	068-853	-
-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

Adding Prefix "3" is APC™ II Adhesive System – Example: 3067-808  
 Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5067-808

## Upper Convertible Single - MBT™ Versatile+ Appliance System



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

Adding Prefix "3" is APC™ II Adhesive System – Example: 3068-897  
 Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5068-897

## Upper 1<sup>ST</sup> Non-Convertible Single - Funneled



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

Adding Prefix "3" is APC™ II Adhesive System – Example: 3067-879  
 Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5067-879

<b>Note</b>	<b>3</b> Use this prefix to order APC™ II Adhesive Coated Appliance System.	<b>5</b> 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.
	<b>1 2 3 4</b> Buccal Tube is available with a bondable base.	<b>8</b> Use this prefix to order the large contoured Jumbo Base.

## Victory Series™ First Molar Buccal Tubes

### Upper Non-Convertible Double Combination



Slot Torque		Distal Offset	Headgear	Length	L/R	.018 Slot	.022 Slot
Arch							
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



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	-



Compatible with the Forsus™ Fatigue Resistant Device E22 Module

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### Lower Convertible Single



Slot Torque		Distal Offset	Length	L/R	.018 Slot		.022 Slot	
Arch								
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™  
MBT™

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 1<sup>ST</sup> Convertible Single Low Profile



Slot Torque		Distal Offset	Length	L/R	.018 Slot			.022 Slot			MBT™
Arch					3	8	3	8	3	8	
-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 1<sup>ST</sup> Non-Convertible Single - Funneled



Slot Torque		Distal Offset	Length	L/R	.018 Slot			.022 Slot			MBT™
Arch					3	8	3	8	3	8	
-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™

Adding Prefix "3" is APC™ II Adhesive System – Example: 3067-520

Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5067-520

Base  
Jumbo Base

Base  
Jumbo Base

## Lower Non-Convertible Single



Slot Torque		Distal Offset	Length	L/R	.018 Slot		.022 Slot		MBT™
Arch					3	4	3	4	
-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™

Adding Prefix "3" is APC™ II Adhesive System – Example: 3067-877

Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5067-877

Base

Base

## Lower Convertible Double



Slot Torque		Distal Offset	Length	L/R	.018 Slot		.022 Slot		MBT™
Arch	Aux				3	4	3	4	
0°	0°	0°	3.6 mm	LL	068-850	3	068-950	3	
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	MBT™
-20°	0°	0°	4.3 mm	LR	067-860	4	067-960	4	MBT™

Adding Prefix "3" is APC™ II Adhesive System – Example: 3067-867

Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5067-867

Base

Base

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

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

**Note**

<b>3</b> Use this prefix to order APC™ II Adhesive Coated Appliance System.	<b>5</b> 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.
<b>1 2 3 4</b> Buccal Tube is available with a bondable base.	<b>8</b> Use this prefix to order the large contoured Jumbo Base.

## 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	Aux						
-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		Distal Offset	Length	L/R	.018 Slot		.022 Slot		MBT™/Sondhi
Arch									
-19°		8°	3.9 mm	UL	067-873	1	067-973	1	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		Distal Offset	Length	L/R	.018 Slot		.022 Slot		MBT™
Arch									
-10°		6°	3.6 mm	UL	067-829	1	067-929	1	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		Distal Offset	Length	L/R	.018 Slot		.022 Slot	
Arch								
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**

<b>3</b> Use this prefix to order APC™ II Adhesive Coated Appliance System.	<b>5</b> 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.
<b>1 2 3 4</b> Buccal Tube is available with a bondable base.	

## Victory Series™ Second Molar Buccal Tubes



### Lower Second Non-Convertible Single - Funneled

Slot Torque		Distal Offset	Length	L/R	.018 Slot	.022 Slot	MBT™
Arch							
-10°		0°	3.6 mm	LL	067-536 3	067-636 3	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	MBT™
-25°		6°	3.6 mm	LR	067-539 4	067-639 4	

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		Distal Offset	Length	L/R	.018 Slot	.022 Slot
Arch						
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		Distal Offset	Length	L/R	.018 Slot	.022 Slot	MBT™
Arch							
-10°		0°	4.3 mm	LL	067-816 3	067-916 3	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	MBT™
-25°		6°	3.6 mm	LR	067-838 4	067-938 4	
-25°		10°	3.6 mm	LL	067-839 3	067-939 3	MBT™
-25°		10°	3.6 mm	LR	067-840 4	067-940 4	
-30°		6°	3.6 mm	LL	067-835 3	067-935 3	MBT™
-30°		6°	3.6 mm	LR	067-836 4	067-936 4	

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™**  
**MBT™**

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™**  
**MBT™**

Adding Prefix "3" is APC™ II Adhesive System – Example: 3066-4024

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

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

Offset Base

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

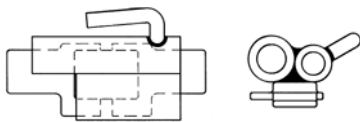
Adding Prefix "5" is APC™ PLUS Adhesive System – Example: 5058-801

**Note**

<b>3</b> Use this prefix to order APC™ II Adhesive Coated Appliance System.	<b>5</b> 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.
<b>1 2 3 4</b>	Buccal Tube is available with a bondable base.

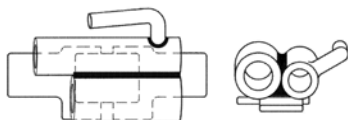
## Light Wire Buccal Tubes

### Upper First Molars with Vertical Slot



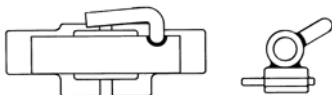
V-Slot Size	Distal Offset	Light Wire Tube I.D.	Headgear I.D.	Headgear Length	Light Wire Length	L/R	Order Number
.021 x .021	0°	.036	.045	4.5 mm	6.5 mm	UL	<b>046-001</b>
.021 x .021	0°	.036	.045	4.5 mm	6.5 mm	UR	<b>046-002</b>

### Upper First Molars



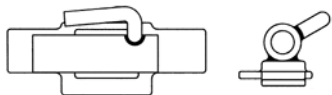
V-Slot Size	Distal Offset	Light Wire Tube I.D.	Headgear I.D.	Headgear Length	Light Wire Length	L/R	Order Number
.021 x .021	6°	.036	.045	4.5 mm	6.5 mm	UL	<b>046-011</b>
.021 x .021	6°	.036	.045	4.5 mm	6.5 mm	UR	<b>046-012</b>
-	6°	.036	.045	4.5 mm	6.5 mm	UL	<b>046-013</b>
-	6°	.036	.045	4.5 mm	6.5 mm	UR	<b>046-014</b>

### Upper/Lower First Molars with Vertical Slot



V-Slot Size	Distal Offset	Light Wire Tube I.D.	Headgear I.D.	Headgear Length	Light Wire Length	L/R	Order Number
.021 x .021	0°	.036			6.5 mm	UL/LR	<b>046-146</b>
.021 x .021	0°	.036			6.5 mm	LL/UR	<b>046-147</b>
.021 x .021	6°	.036			6.5 mm	UL/LR	<b>046-176</b>
.021 x .021	6°	.036			6.5 mm	LL/UR	<b>046-177</b>

### 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	<b>046-114</b>
					LL/UR	<b>046-115</b>
0°	.036			6.5 mm	UL/LR	<b>046-116</b>
					LL/UR	<b>046-117</b>

All Light Wire Buccal Tubes have hooks unless specified.

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## 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
<b>Average Cases Per Kit</b>			<b>3 to 5</b>	<b>10 to 15</b>	<b>40 to 50</b>	<b>90 to 100</b>

		maxillary or mandibular				
		Kit	Trial	Introduction	Professional	Master
<b>Regular Size</b>						
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
<b>Quadrant Total</b>			<b>38</b>	<b>75</b>	<b>150</b>	<b>300</b>
<b>Kit Total</b>			<b>76</b>	<b>150</b>	<b>300</b>	<b>600</b>

## 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
<b>Average Cases Per Kit</b>			<b>3 to 5</b>	<b>10 to 15</b>	<b>40 to 50</b>	<b>90 to 100</b>

		maxillary or mandibular				
		Kit	Trial	Introduction	Professional	Master
<b>Hard Size</b>	<b>Regular Size</b>					
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
<b>Quadrant Total</b>			<b>38</b>	<b>75</b>	<b>150</b>	<b>300</b>
<b>Kit Total</b>			<b>76</b>	<b>150</b>	<b>300</b>	<b>600</b>

## 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	Master
Micro-etched						
Narrow	Upper		906-208	906-201	906-204	906-206
Narrow	Lower		906-108	906-101	906-104	906-106
<b>Average Cases Per Kit</b>			<b>3 to 5</b>	<b>10 to 15</b>	<b>40 to 50</b>	<b>90 to 100</b>

**maxillary or mandibular**

	Kit	Trial	Introduction	Professional	Master
<b>Regular Size</b>					
28		-	2	4	7
28+		-	2	4	7
29		-	2	4	7
29+		-	2	4	7
30		-	2	4	8
30+		-	2	4	8
31		-	2	5	9
31+		-	3	5	11
32		2	3	6	12
32+		2	3	6	13
33		2	3	7	14
33+		3	4	8	15
34		3	4	8	16
34+		4	4	9	18
35		4	4	9	18
35+		4	4	8	17
36		3	4	8	16
36+		3	4	7	15
37		2	3	7	13
37+		2	3	6	12
38		2	3	5	11
38+		1	2	5	10
39		1	2	4	8
39+		-	2	4	7
40		-	2	3	7
40+		-	2	3	7
41		-	2	3	7
<b>Quadrant Total</b>		<b>38</b>	<b>75</b>	<b>150</b>	<b>300</b>
<b>Kit Total</b>		<b>76</b>	<b>150</b>	<b>300</b>	<b>600</b>

## 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
Standard - Regular	Lower		956-108	956-101
<b>Average Cases Per Kit</b>			<b>3 to 5</b>	<b>10 to 15</b>

		maxillary or mandibular		
		Kit	Trial	Introduction
<b>Hard Size</b>	<b>Regular Size</b>			
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
<b>Quadrant Total</b>			<b>38</b>	<b>75</b>
<b>Kit Total</b>			<b>76</b>	<b>150</b>

## Unitek™ 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		161-101
	Wide		164-201
<b>Average Cases Per Kit</b>			<b>10 to 15</b>

		maxillary or mandibular	
		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
<b>Quadrant Total</b>			<b>150</b>
<b>Kit Total</b>			<b>300</b>

## Unitek™ 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	-

Regular Size	Kit		Trial		Introduction		Spectrum	
	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower
25	-	6	-	10	-	2	-	2
26	-	6	-	10	-	2	-	2
27	-	6	-	10	-	2	-	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	-	-	-
<b>Kit Total</b>	<b>50</b>	<b>50</b>	<b>100</b>	<b>100</b>	<b>48</b>	<b>52</b>		

## Unitek™ Proportioned Bicuspид 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
<b>Size</b>				
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
<b>Kit Total</b>		<b>76</b>	<b>150</b>	<b>600</b>

## Unitek™ Proportioned Bicuspids 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
<b>Size</b>				
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
<b>Kit Total</b>		<b>76</b>	<b>150</b>	<b>600</b>

## Unitek™ 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.

# Unitek™ 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
<b>Size</b>	
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
<b>Kit Total</b>	<b>150</b>

## mandibular wide and narrow

Kit	Introduction
<b>Size</b>	
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
<b>Kit Total</b>	<b>150</b>

## Unitek™ 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	-
<b>Average Cases Per Kit</b>		<b>3 to 5</b>	<b>10 to 15</b>	<b>40 to 50</b>

**maxillary**













	Kit	Trial	Introduction	Professional
<b>Size</b>				
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
<b>Kit Total</b>		<b>76</b>	<b>150</b>	<b>300</b>

**mandibular**

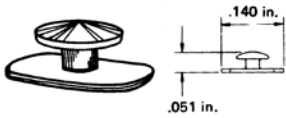
	Kit	Trial	Introduction	Professional
<b>Size</b>				
1		2	2	6
2		2	4	6
3		2	4	8
4		2	4	10
5		2	4	10
6		2	6	14
7		4	8	16
8		4	8	18
9		6	10	20
10		6	12	20
11		6	10	22
12		6	10	20
13		6	10	18
14		6	10	18
15		4	10	20
16		4	10	18
17		2	6	14
18		2	6	12
19		2	4	10
20		2	4	8
21		2	4	6
22		2	4	6
<b>Kit Total</b>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

## 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)		Left/Right	Order No.
					Inches	(mm)		
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
<b>Level Anchorage™</b>								
Horizontal		no	no	solid	.036	(.91)	-	080-100

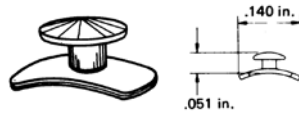
## Lingual Attachments



### 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

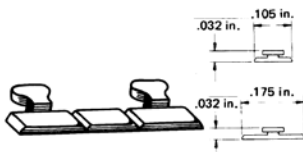
### Clear Plastic Button

For direct bonding

**224-800** 10/pk

### Curved Bondable Buttons

**20400-02** 10/pk

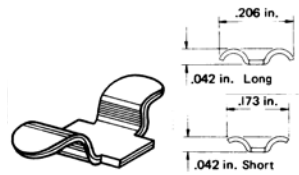


### Combination Lingual Hook/Seating Lugs

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 bicuspids)

**481-002** Long (for molars)



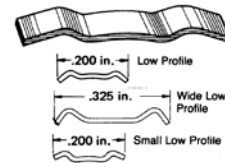
### Raised Arm Lingual Cleats

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

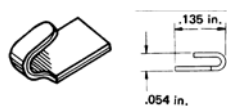


### Lingual Ball Hooks

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

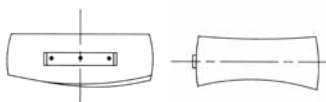
Easy to weld on bands and strong enough for heavy cross elastics. No sharp edges to irritate tissue or damage elastics.

**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)
- 185-148** Upper Right 2nd Molar (Hard)
- 185-152** Upper Left 2nd Molar (Regular)
- 185-153** Upper Left 2nd Molar (Hard)
- 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)
- 185-143** Upper Molar (Wide, Regular)
- 185-139** Trimmed Molar (Hard)
- 185-140** Lower Molar (Narrow, Regular)
- 185-144** Lower Molar (Wide, Hard)
- 185-142** Lower Molar (Wide, Regular)
- 185-154** Upper and Lower Pedodontic Molar

### Accessories

- 185-155** Miscellaneous Empty Box

## RxWeld Service

### Custom Services

Convenient prescription program for orthodontists who reorder 3M seamless bands prewelded with 3M 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.

3M offers a unique ordering service which greatly simplifies band reordering. Here's how it works:

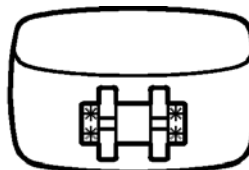
Every orthodontist ordering prewelded bands from 3M has a prescription on file, containing customized ordering instructions.

Reorders with instructions that deviate from the prescription file will be verified by phone before 3M processes the order. Custom order forms and a copy of your prescription are available on request.

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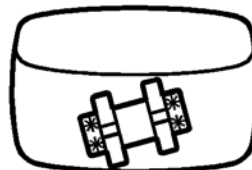
### Standard Welding

3M attachments in standard positions (see standard positions chart for edgewise and light wire attachments) on 3M seamless bands and bonding bases. No charge.

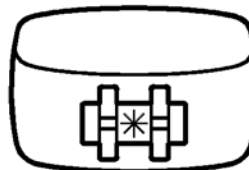


### Custom Welding

3M attachments in non-standard positions (see angulation chart for details on custom angulation) on 3M seamless bands and bonding bases. No charge.



Tack-welding only — 3M attachments to 3M seamless bands. No charge.

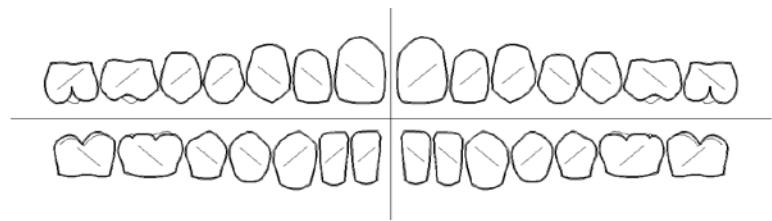


## Torqued Attachments

### 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.



Patient's Right

Patient's Left

(+) 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.

## Light Wire Attachments

### Standard Edgewise Welding Reference

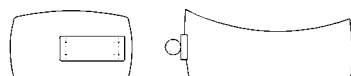
#### Light Wire Attachments

##### Brackets to Bicuspids

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 Bicuspids

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.

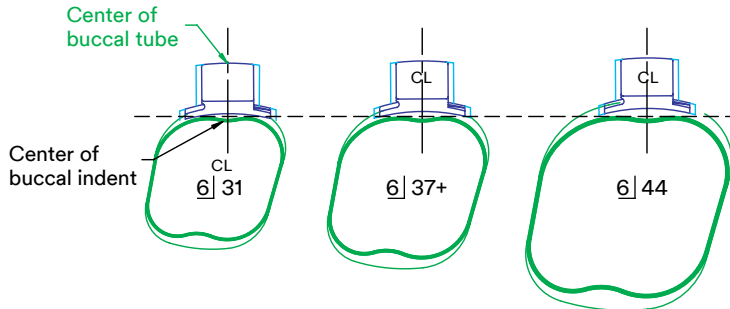
Occlusal/Gingival Positioning  
Center of slot is .075 in. (1.9 mm)  
from occlusal edge of band.

## Weld Positioning

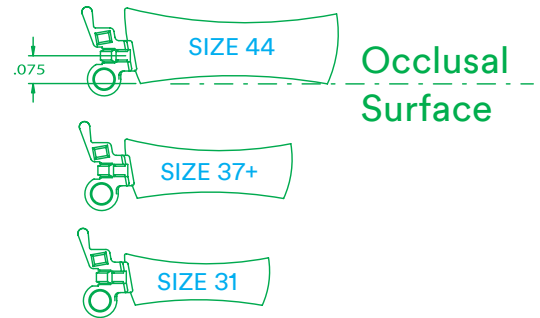
### MBT™ Versatile+ Appliance System First Molars

#### Upper First Molar

**Mesial / Distal Positioning:**  
Centerline of buccal tube positioned on buccal indent of band.

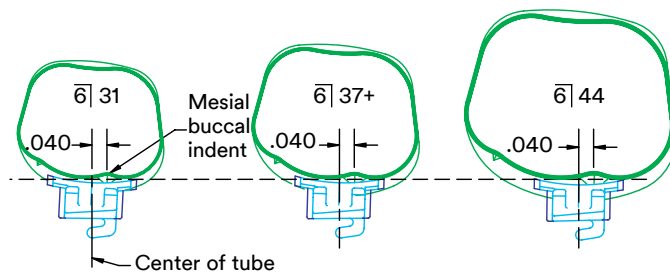


**Occlusal / Gingival Positioning:**  
Center of edgewise slot is .075 in. (1.9 mm) from occlusal edge of band. (The occlusal slot is used when there are two slots.)

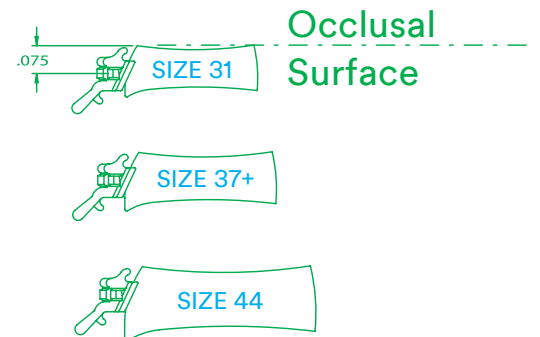


#### Lower First Molar

**Mesial / Distal Positioning:**  
Centerline of the buccal tube is positioned .040 in. (1.0 mm) distal, from the mesial buccal indent.



**Occlusal / Gingival Positioning:**  
Center of edgewise slot is .075 in. (1.9 mm) from occlusal edge of band. (The occlusal slot is used when there are two slots.)



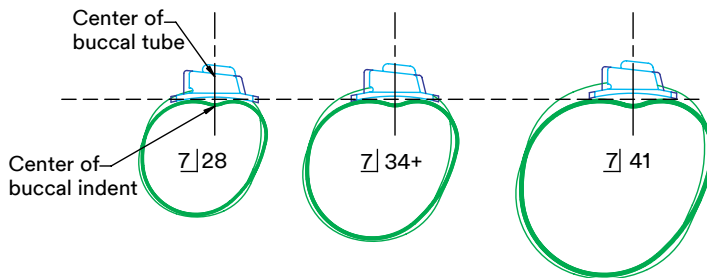
## Weld Positioning

## MBT™ Versatile+ Appliance System Second Molars

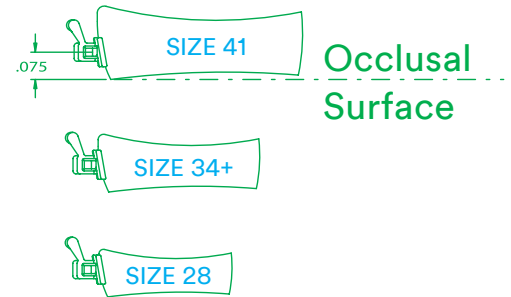
## Upper Second Molar

**Mesial / Distal Positioning:**

Centerline of buccal tube positioned on the buccal indent of band.

**Occlusal / Gingival Positioning:**

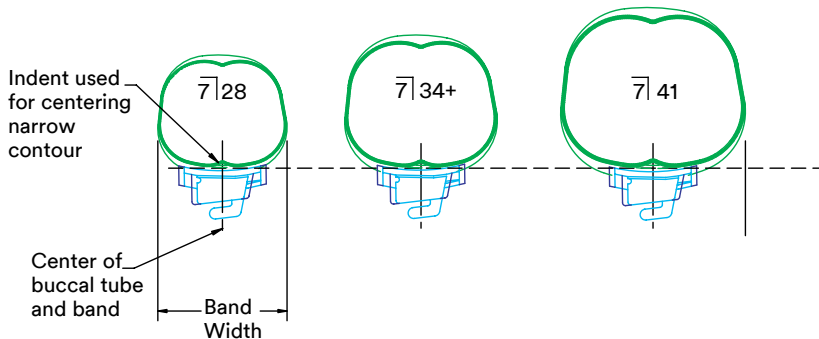
Center of edgewise slot is .075 in. (1.9 mm) from occlusal edge of band. (The occlusal slot is used when there are two slots.)



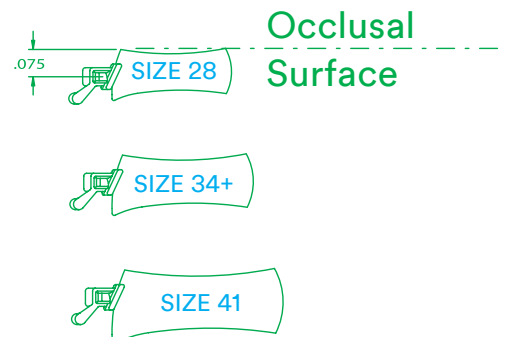
## Lower Second Molar

**Mesial / Distal Positioning:**

Centerline of buccal tube is positioned at buccal indent (for narrow contour), or at the center of the band (for standard contour or general purpose).

**Occlusal / Gingival Positioning:**

Center of edgewise slot is .075 in. (1.9 mm) from occlusal edge of band. (The occlusal slot is used when there are two slots.)

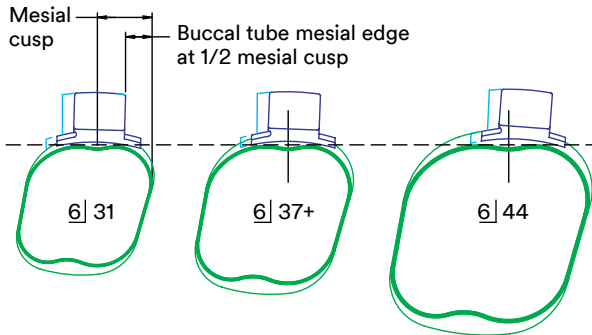


# Weld Positioning Standard First Molars

## Upper First Molar

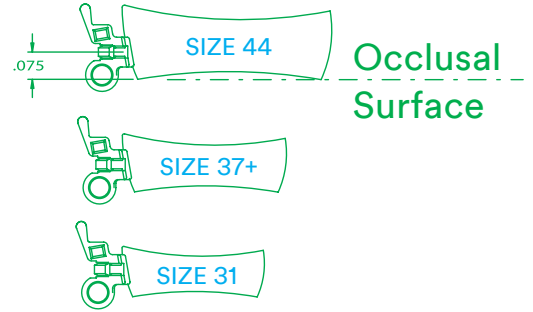
### Mesial / Distal Positioning:

Mesial edge of buccal tube bisects mesial cusp.



### Occlusal / Gingival Positioning:

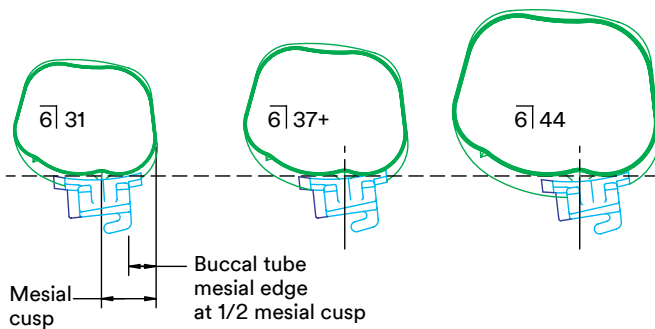
Center of edgewise slot is .075 in. (1.9 mm) from occlusal edge of band. (The occlusal slot is used when there are two slots.)



## Lower First Molar

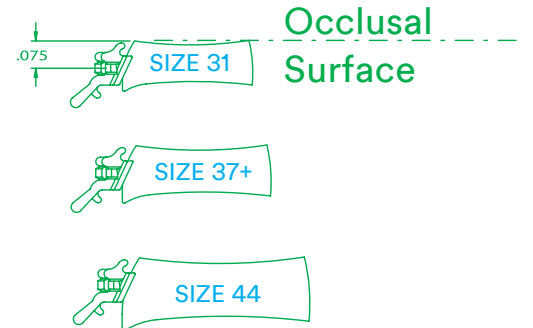
### Mesial / Distal Positioning:

Mesial edge of buccal tube bisects mesial cusp.



### Occlusal / Gingival Positioning:

Center of edgewise slot is .075 in. (1.9 mm) from occlusal edge of band. (The occlusal slot is used when there are two slots.)



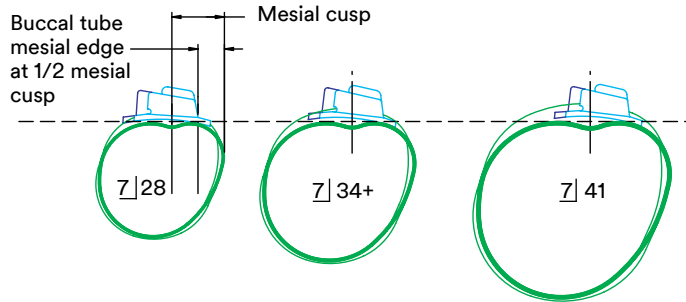
## Weld Positioning

### Standard Second Molars

#### Upper Second Molar

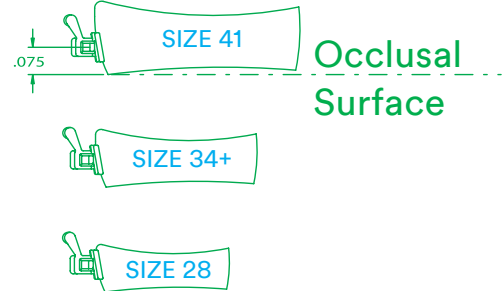
##### Mesial / Distal Positioning:

Mesial edge of buccal tube bisects mesial cusp.



##### Occlusal / Gingival Positioning:

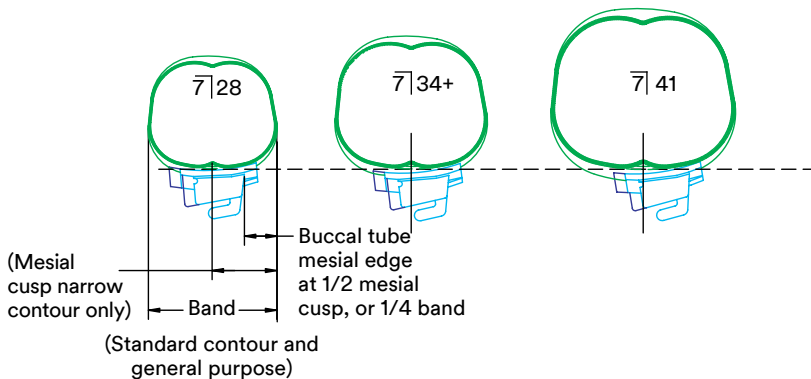
Center of edgewise slot is .075 in. (1.9 mm) from occlusal edge of band. (The occlusal slot is used when there are two slots.)



#### Lower Second Molar

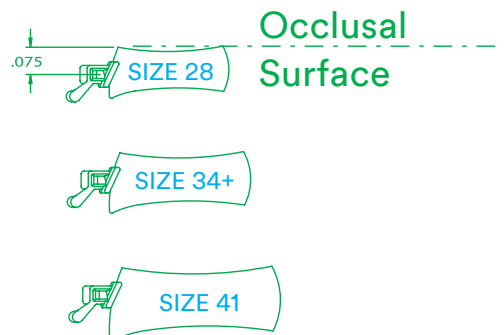
##### Mesial / Distal Positioning:

Mesial edge of buccal tube bisects mesial cusp (for narrow contour), mesial edge of buccal tube is 1/4 of the band width (for standard contour or general purpose).



##### Occlusal / Gingival Positioning:

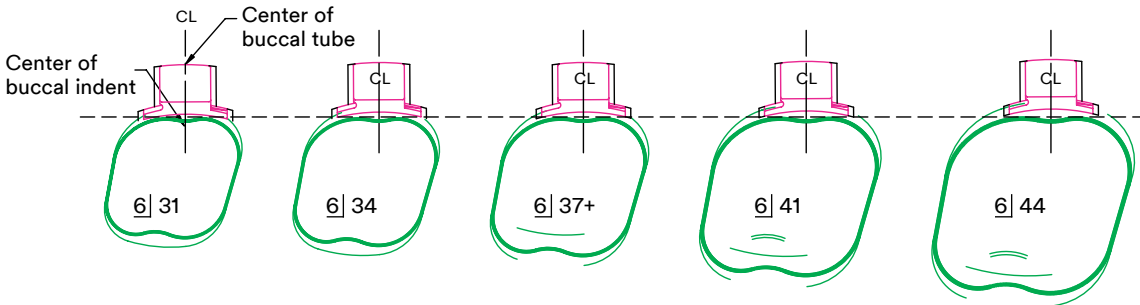
Center of edgewise slot is .075 in. (1.9 mm) from occlusal edge of band. (The occlusal slot is used when there are two slots.)



## Comparison of Prescriptions Weld Positioning for Upper First Molar

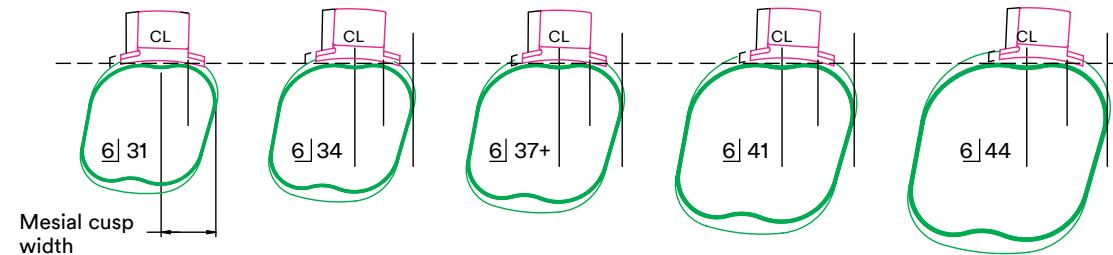
### MBT™ Versatile+ Appliance System & Centered M-D Definition:

Center of buccal tube positioned at center of band.



As the band size increases, the distance from the mesial side of the band to the mesial side of the buccal tube increases. The center of the buccal tube stays centered on the band (regardless of the tube size).

### Standard & Level Anchorage Definition: Mesial edge of buccal tube placed at the center of the mesial cusp.

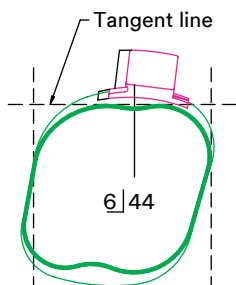


As the band size increases, the mesial cusp distance increases. The distance from the mesial side of the band to the mesial side of the buccal tube will increase (longer buccal tubes will extend further distal).

## Aligning & Measuring

### Band Measurement and Alignment

To measure the placement of the buccal tube on the band, the band must first be aligned using two features. A tangent line between the mesial cusp and distal cusp is used.



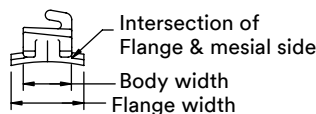
### Buccal Tube Measurement

MBT™ Versatile+ Appliance System, Level Anchorage or Centered

The center of the tube is defined as 1/2 of the flange or body width.

Standard or Level Anchorage

The mesial side of the buccal tube is taken at the intersection of the mesial side and the flange.

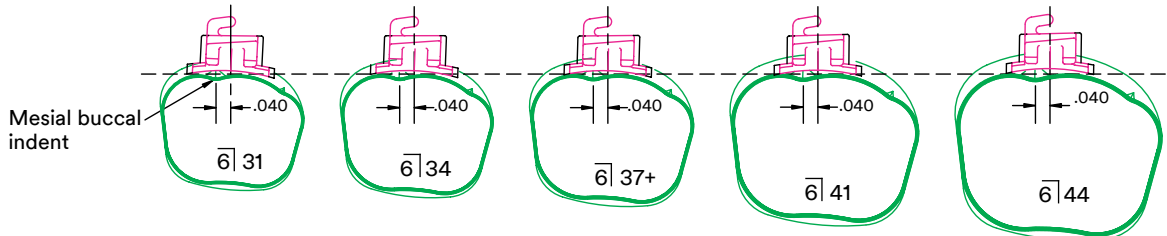


## Comparison of Prescriptions

### Weld Positioning for Lower First Molar

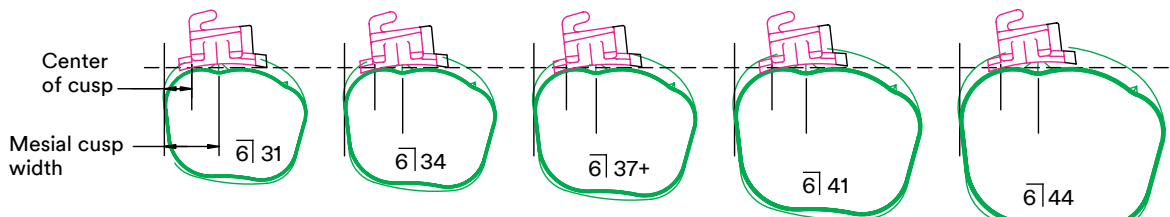
#### MBT™ Versatile+ Appliance System Definition:

Center of the buccal tube is positioned .040" (1.0 mm) distal, from the mesial buccal indent.



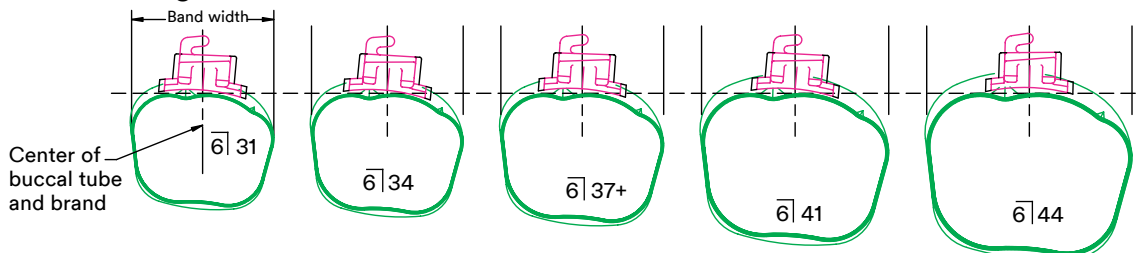
As the band size increases, the distance from the mesial side of the band to the mesial buccal indent increases. The buccal tube stays .040 (1.0 mm) distal from the mesial buccal indent (regardless of the tube size).

#### Standard Definition: Mesial edge of buccal tube is placed at the center of the mesial cusp.



As the band size increases, the mesial cusp distance increases. The distance from the mesial side of the band to the mesial side of the buccal tube will increase (longer buccal tubes will extend further distal).

#### Level Anchorage and Centered M-D Definition: Center of buccal tube is at center of band.

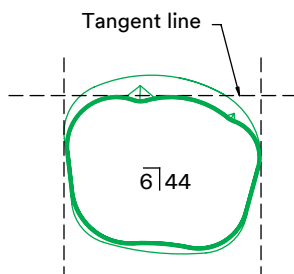


As the band size increases, the distance from the mesial side of the band to the mesial side of the buccal tube increases. The center of the buccal tube stays centered on the band (regardless of tube size).

## Aligning & Measuring

### Band Measurement and Alignment

To measure the placement of the buccal tube on the band, the band must first be aligned using two features. A tangent line between the mesial cusp and distal cusp is used.



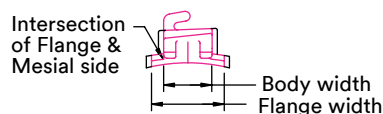
### Buccal Tube Measurement

MBT™ Versatile+ Appliance System, Level Anchorage or Centered

The center of the tube is defined as 1/2 of the flange or body width.

#### Standard

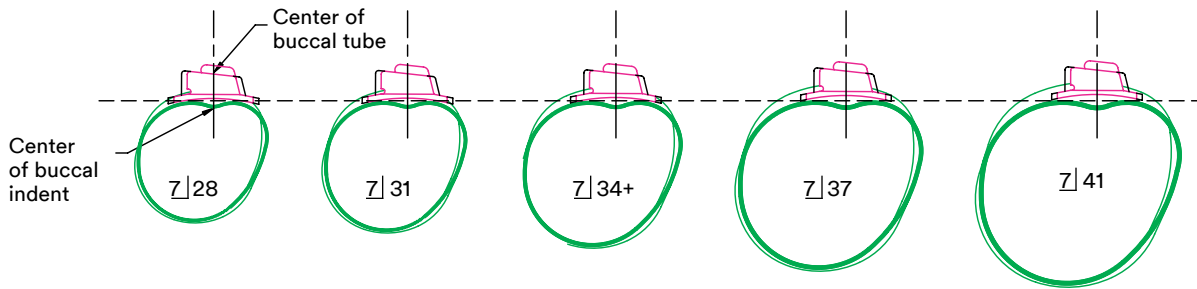
The mesial side of the buccal tube is taken at the intersection of the mesial side and the flange.



## Comparison of Prescriptions Weld Positioning for Upper Second Molar

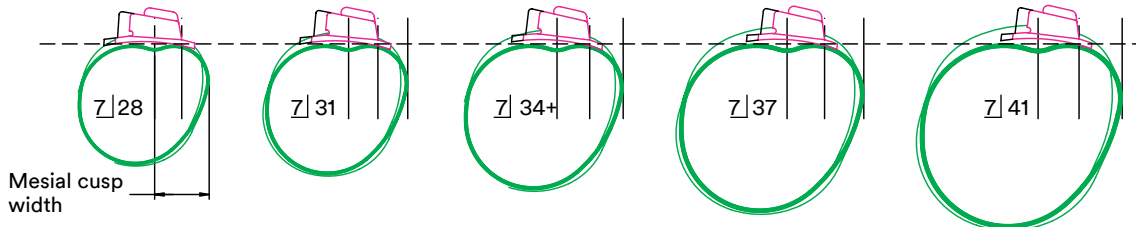
### MBT™ Versatile+ Appliance System, Centered M-D & Level Anchorage Definition:

Center of buccal tube positioned on buccal indent.



As the band size increases, the distance from the mesial side of the band to the mesial side of the buccal tube increases. The center of the buccal tube stays centered on the band (regardless of tube size).

### Standard Definition: Mesial edge of buccal tube placed at the center of mesial cusp.

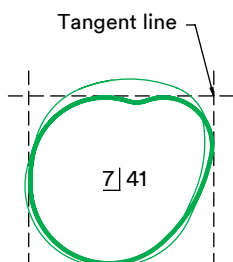


As the band size increases, the mesial cusp distance increases. The distance from the mesial side of the band to the mesial side of the buccal tube will increase (longer buccal tubes will extend further distal).

## Aligning & Measuring

### Band Measurement and Alignment

To measure the placement of the buccal tube on the band, the band must first be aligned using two features. A tangent line between the mesial cusp and distal cusp is used.



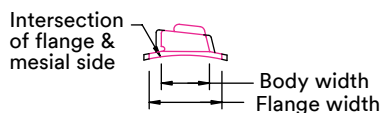
### Buccal Tube Measurement

#### MBT™ Versatile+ Appliance System, Level Anchorage or Centered

The center of the tube is defined as 1/2 of the flange or body width.

#### Standard

The mesial side of the buccal tube is taken at the intersection of the mesial side and the flange.

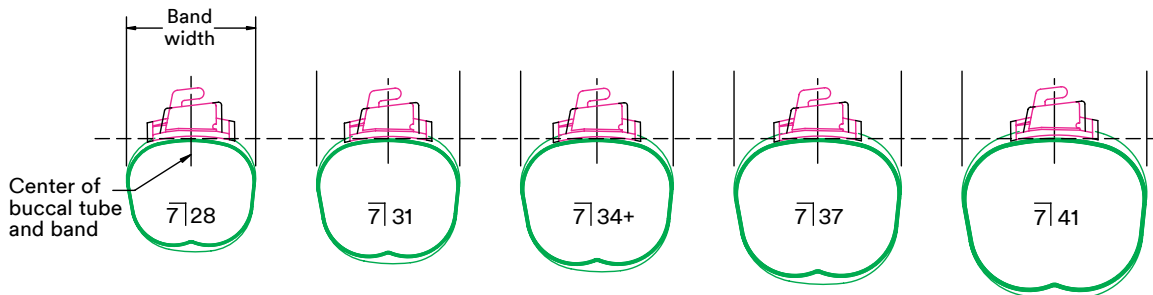


## Comparison of Prescriptions

### Weld Positioning for Lower Second Molar

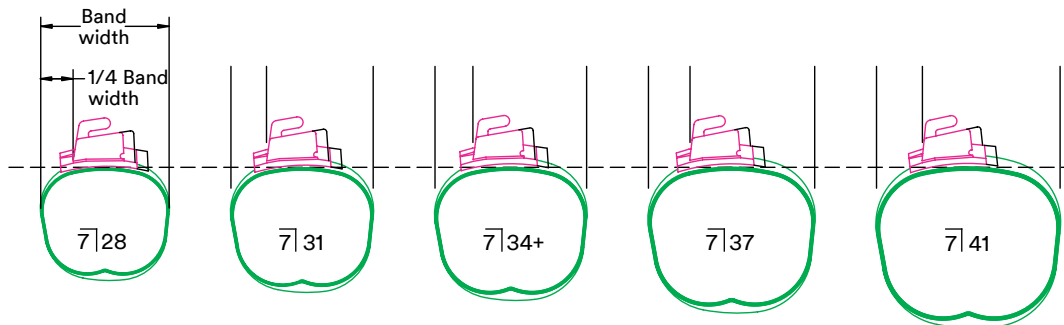
#### MBT™ Versatile+ Appliance System or Centered M-D Definition:

Center of buccal tube positioned at center of band.



As the band size increases, the distance from the mesial side of the band to the mesial side of the buccal tube increases. The center of the buccal tube stays centered on the band (regardless of tube size).

#### Standard Definition: Mesial edge of buccal tube is positioned at 1/4 of the band width.

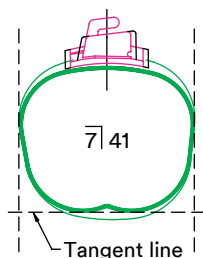


As the band size increases, the mesial cusp distance increases. The distance from the mesial side of the band to the mesial side of the buccal tube will increase (longer buccal tubes will extend further distal).

## Aligning & Measuring

### Band Measurement and Alignment

To measure the placement of the buccal tube on the band, the band must first be aligned using two features. A tangent line between the mesial cusp and distal cusp is used.



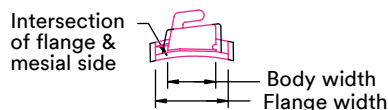
### Buccal Tube Measurement

MBT™ Versatile+ Appliance System, Level Anchorage or Centered

The center of the tube is defined as 1/2 of the flange or body width.

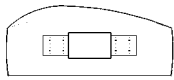
#### Standard

The mesial side of the buccal tube is taken at the intersection of the mesial side and the flange.

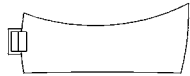


## Lingual Molar Attachments

### Sheaths

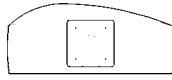


Mesial/Distal  
Centered

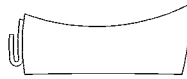


Occlusal/Gingival  
Centered

### Molar Hooks

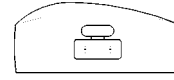


Mesial/Distal  
Centered



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

### Combination Hook/Lug

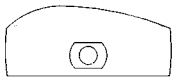


Mesial/Distal  
Centered



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

### Buttons

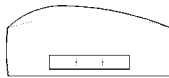


Mesial/Distal Positioning  
On all molars with buccal attachment:  
button bisects mesial cusp. On G.P.  
molars, without buccal attachment:  
button is centered mesio-distally.  
Also applies to upper 2nd molars with  
or without buccal attachment.



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

### Hi-Profile Cleats

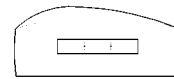


Mesial/Distal Positioning  
On all molars with buccal  
attachments: cleat bisects mesial  
cusp. On G.P. molars, without buccal  
attachment: button is centered  
mesio-distally. Also applies to upper  
2nd molars with or without buccal  
attachment.



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

### Low-Profile Cleats

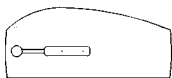


Mesial/Distal Positioning  
Centered



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 3M Customer Service.



<b>3M™ Unitek™ Nitinol Heat-Activated Archwire .....</b>	<b>7.6</b>
<b>3M™ Unitek™ Nitinol Super-Elastic Archwire .....</b>	<b>7.7</b>
<b>3M™ Unitek™ Nitinol Classic Archwire.....</b>	<b>7.8</b>
<b>3M™ Unitek™ Beta III Titanium Archwire .....</b>	<b>7.9</b>
<b>3M™ Unitek™ Lateral Development Archwires ....</b>	<b>7.10</b>
<b>Permachrome Resilient Archwire.....</b>	<b>7.11</b>
<b>Permachrome Standard Archwire.....</b>	<b>7.12</b>
<b>Permachrome Posted Archwire.....</b>	<b>7.13</b>
<b>3M™ Hi-T™ II Archwire .....</b>	<b>7.14</b>
<b>3M™ Hi-T™ II Twist Flex and Miscellaneous Solder Supplies .....</b>	<b>7.15</b>
<b>3M™ Unitek™ Stainless Steel Straight Lengths.....</b>	<b>7.16</b>
<b>Multi-Strand Archwire .....</b>	<b>7.17</b>
<b>Blue Flexiloy Wire .....</b>	<b>7.18</b>
<b>Ligature Wire and Tie Hooks .....</b>	<b>7.19</b>
<b>Preformed Archwire.....</b>	<b>7.20</b>
<b>Retainer Wire .....</b>	<b>7.21</b>
<b>Clasps .....</b>	<b>7.22</b>
<b>Archwire Accessories.....</b>	<b>7.23</b>

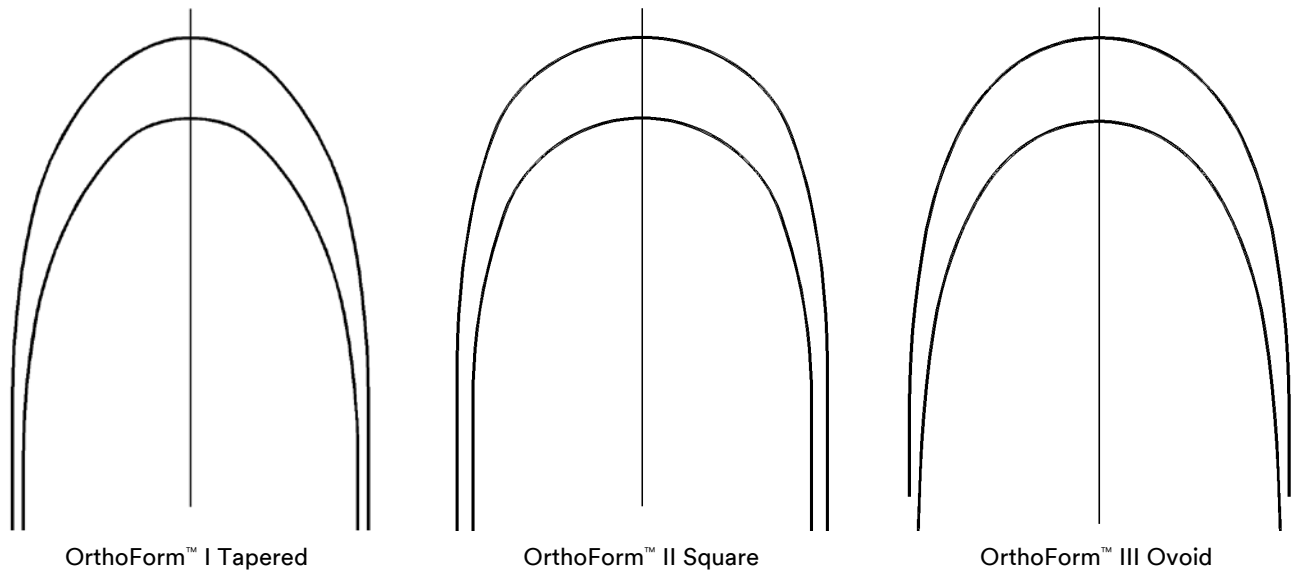
Over forty years ago 3M pioneered the use of nickel-titanium into orthodontists' wire progression plans, creating what would be one of the top ten innovations in orthodontic treatment. Today we offer three variations of Nitinol, three variations of stainless steel and Unitek™ Beta III Titanium – the 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.



**Arch Form**

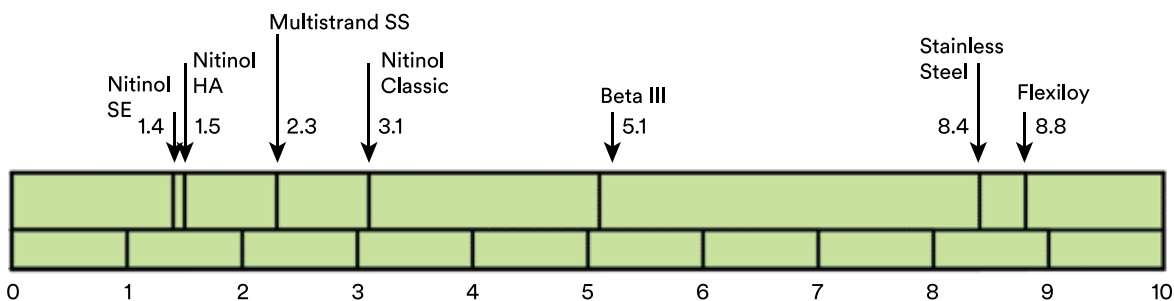
For over a century, there has been a persistent search for the ideal arch form for human dentition. Changes to arch form during treatment may result in instability and subsequent relapse, which can contradict this search for the ideal arch form. There is an awareness that a great deal of variation exists from one human arch form to another. With this in mind, 3M 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.



3M continues to offer both the original OrthoForm™ I (now “OrthoForm LA”) which was originally designed to meet the arch form requirements of Level Anchorage and the original “standard” arch used primarily with the Edgewise Appliance.

**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:



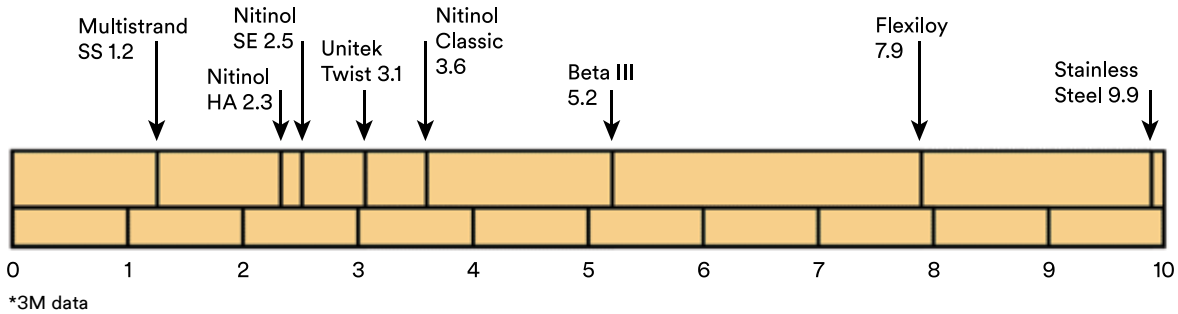
\*3M data

**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.

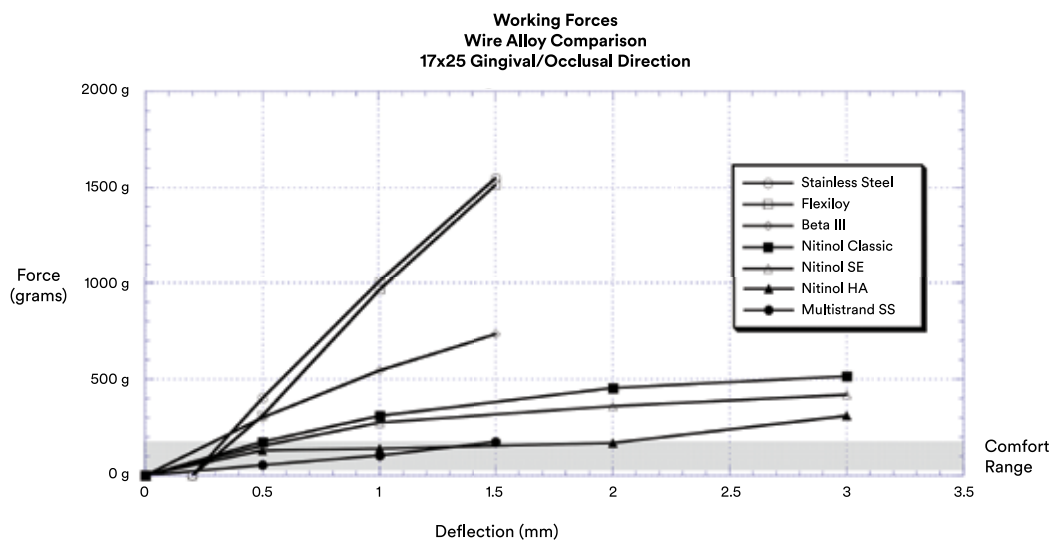
**Engagement Force**

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:

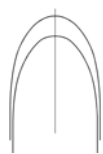


## Archwire Analysis

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, 3M 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
<b>Initial Phase</b> Getting Organized <ul style="list-style-type: none"> <li>• leveling</li> <li>• tipping</li> <li>• rotating</li> </ul> Necessary Wire Criteria <ul style="list-style-type: none"> <li>• low forces</li> <li>• long working range</li> <li>• low modulus</li> <li>• low friction</li> </ul>	Nitinol HA	Nitinol SE	Nitinol Classic
<b>Intermediate Phase</b> Working the Big Picture <ul style="list-style-type: none"> <li>• space closure</li> <li>• arch form correction</li> <li>• occlusal plane leveling</li> </ul> Necessary Wire Criteria <ul style="list-style-type: none"> <li>• medium forces</li> <li>• medium working range</li> <li>• medium modulus</li> <li>• medium malleability</li> <li>• low friction</li> </ul>	Nitinol Classic	Beta III Titanium	Permachrome
<b>Finishing Phase</b> Getting Down to Details <ul style="list-style-type: none"> <li>• vertical detailing</li> <li>• individual rotations</li> <li>• refine interdigitation</li> <li>• retention</li> </ul> Necessary Wire Criteria <ul style="list-style-type: none"> <li>• medium forces</li> <li>• short working range</li> <li>• high modulus</li> <li>• high malleability</li> </ul>	Beta III Titanium	Permachrome	Flexiloy

## Unitek™ Nitinol Heat-Activated Archwire



Dimension Inches	Dimension mm	OrthoForm™ I Tapered	OrthoForm™ II Square	OrthoForm™ III Ovoid	OrthoForm™ LA
<b>Round</b>					
<b>Upper</b>					
.014	.36	9296-607	9296-609	9296-611	-
.016	.41	4293-701	4296-985 6	4296-991 6	4296-979 6
.018	.46	4293-703	4296-987 6	4296-993 6	4296-981
.020	.51	-	-	4296-995	-
.0215	.55	9296-613	9296-615	9296-617	-
<b>Lower</b>					
.014	.36	9296-608	9296-610	9296-612	-
.016	.41	4293-702	4296-986 6	4296-992 6	4296-980
.018	.46	4293-704	4296-988 6	4296-994 6	4296-982 6
.020	.51	-	-	4296-996	-
.0215	.55	9296-614	9296-616	9296-618	-
<b>Rectangular/Square</b>					
<b>Upper</b>					
.014 x .025	.36 x .64	9296-631	9296-633	9296-635	-
.016 x .022	.41 x .56	4293-707	4297-973 6	4297-913 6	4297-981
.016 x .025	.41 x .64	9296-619	9296-621	9296-623	-
.0175 x .0175	.44 x .44	4293-709	4297-975 6	4297-911 6	4297-983
.017 x .025	.43 x .64	4293-711	4297-991 6	4297-921 6	4297-995
.017 x .025 H*	.43 x .64	9296-625	9296-627	9296-629	-
.019 x .025	.48 x .64	4293-713	4297-977 6	4297-919 6	4297-985
.019 x .025 H*	.48 x .64	9296-643	9296-645	9296-647	-
.021 x .021	.53 x .53	-	4297-979	4297-917	-
.021 x .025	.53 x .64	-	4297-993	4297-923	4297-997
.021 x .025 H*	.53 x .64	9296-637	9296-639	9296-641	-
<b>Lower</b>					
.014 x .025	.36 x .64	9296-632	9296-634	9296-636	-
.016 x .022	.41 x .56	4293-708	4297-974 6	4297-914 6	4297-982
.016 x .025	.41 x .64	9296-620	9296-622	9296-624	-
.0175 x .0175	.44 x .44	4293-710	4297-976 6	4297-912 6	4297-984
.017 x .025	.43 x .64	4293-712	4297-992 6	4297-922 6	4297-996
.017 x .025 H*	.43 x .64	9296-626	9296-628	9296-630	-
.019 x .025	.48 x .64	4293-714	4297-978 6	4297-920 6	4297-986
.019 x .025 H*	.48 x .64	9296-644	9296-646	9296-648	-
.021 x .021	.53 x .53	-	4297-980	4297-918	-
.021 x .025	.53 x .64	-	4297-994	4297-924	4297-998
.021 x .025 H*	.53 x .64	9296-638	9296-640	9296-642	-

\*Hybrid

Gold

Gold

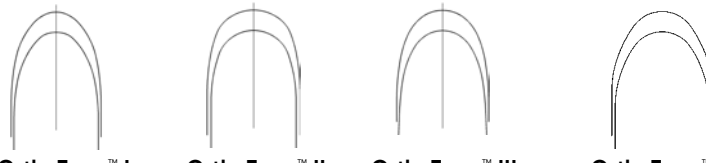
Gold

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



## Unitek™ Nitinol Super-Elastic Archwire



Dimension Inches	Dimension mm	OrthoForm™ I Tapered	OrthoForm™ II Square	OrthoForm™ III Ovoid	OrthoForm™ LA	Reverse Curve
<b>Round</b>						
<b>Upper</b>						
.014	.36	4293-601	4296-805 6	4296-911	4296-813	-
.014 D**	.36	9293-601	9296-805	9296-911	-	-
.016	.41	4293-603	4296-807 6	4296-913	4296-815	296-821
.016 D**	.41	9293-603	9296-807	9296-913	-	-
.018	.46	-	4296-809 6	4296-915	4296-817	296-823
.020	.51	-	4296-811	4296-917	4296-819	297-871
<b>Lower</b>						
.014	.36	-	4296-806 6	4296-912	4296-814	-
.014 D**	.36	9293-602	9296-806	9296-912	-	-
.016	.41	4293-604	4296-808 6	4296-914	4296-816	296-822
.016 D**	.41	9293-604	9296-808	9296-914	-	-
.018	.46	-	4296-810 6	4296-916	4296-818	296-824
.020	.51	-	4296-812	4296-918	4296-820	297-872
<b>Rectangular/Square</b>						
<b>Upper</b>						
.014 x .025 D**	.36 x .64	9293-813	9293-815	9293-817	-	-
.016 x .016	.41 x .41	-	4297-803 6	4297-951	4297-831	-
.016 x .022	.41 x .56	-	4297-801 6	4297-953	4297-833	297-821
.016 x .025	.41 x .64	-	-	-	-	297-869
.016 x .025 D**	.41 x .64	9293-849	9293-851	9293-853	-	-
.017 x .025	.43 x .64	-	4297-807 6	4297-955	4297-835	297-823
.017 x .025 D**	.43 x .64	9293-613	9297-807	9297-955	-	-
.017 x .025 H* D**	.43 x .64	-	9293-879	9293-881	-	-
.018 x .018	.46 x .46	4293-615	4297-809	4297-957	4297-837	-
.018 x .025	.46 x .64	-	4297-813 6	4297-959	4297-839	-
.018 x .025 H*	.46 x .64	9293-903	9293-905	9293-907	-	-
.019 x .025	.48 x .64	4293-619	4297-815 6	4297-961	4297-841	297-825
.019 x .025 H*	.48 x .64	9296-649	9296-651	9296-653	-	-
.021 x .025	.53 x .64	-	4297-817	4297-963	4297-843	297-827
.021 x .025 H*	.53 x .64	9293-931	9293-933	9293-935	-	-
<b>Lower</b>						
.014 x .025 D**	.36 x .64	9293-814	9293-816	9293-818	-	-
.016 x .016	.41 x .41	-	4297-804 6	4297-952	4297-832	-
.016 x .022	.41 x .56	-	4297-802 6	4297-954	4297-834	297-822
.016 x .025	.41 x .64	-	-	-	-	297-870
.016 x .025 D**	.41 x .64	9293-850	9293-852	9293-854	-	-
.017 x .025	.43 x .64	-	4297-808 6	4297-956	4297-836	297-824
.017 x .025 D**	.43 x .64	9293-614	9297-808	9297-956	-	-
.017 x .025 H* D**	.43 x .64	-	9293-880	9293-882	-	-
.018 x .018	.46 x .46	4293-616	4297-810	4297-958	-	-
.018 x .025	.46 x .64	-	4297-814 6	4297-960	4297-840	-
.018 x .025 H*	.46 x .64	9293-904	9293-906	9293-908	-	-
.019 x .025	.48 x .64	4293-620	4297-816 6	4297-962	-	297-826
.019 x .025 H*	.48 x .64	9296-650	9296-652	9296-654	-	-
.021 x .025	.53 x .64	-	4297-818	4297-964	4297-844	297-828
.021 x .025 H*	.53 x .64	9293-932	9293-934	9293-936	-	-

\*Hybrid \*\*Dimpled

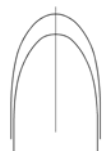
Gold

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



## Unitek™ Nitinol Classic Archwire



Dimension Inches	Dimension mm	OrthoForm™ I Tapered	OrthoForm™ II Square	OrthoForm™ III Ovoid	OrthoForm™ LA	Standard
<b>Round</b>						
<b>Upper</b>						
.012	.30	9296-601	9296-603	9296-605	-	4296-121
.014	.36	4293-510	4296-405	4296-517	4296-307	4296-141
.014 D**	.36	9293-510	9296-405	9296-517	-	-
.016	.41	4293-512	4296-407	4296-519	4296-303	4296-161
.016 D**	.41	9293-512	9296-407	9296-519	-	-
.018	.46	4293-514	4296-409	4296-521	4296-315	4296-181
.020	.51	4293-516	4296-411	4296-523	4296-327	4296-201
<b>Lower</b>						
.012	.30	9296-602	9296-604	9296-606	-	4296-122
.014	.36	4293-511	4296-406	4296-518	4296-308	4296-142
.014 D**	.36	9293-511	9296-406	9296-518	-	-
.016	.41	4293-513	4296-408	4296-520	4296-304	4296-162
.016 D**	.41	9293-513	9296-408	9296-520	-	-
.018	.46	4293-515	4296-410	4296-522	4296-316	4296-182
.020	.51	4293-517	4296-412	4296-524	4296-328	4296-202
<b>Rectangular/Square</b>						
<b>Upper</b>						
.014 x .025 D**	.36 x .64	9293-819	9293-821	9293-823	-	-
.016 x .016	.41 x .41	4293-518	4297-701	4297-851	4297-601	-
.016 x .022	.41 x .56	4293-520	4297-703	4297-853	4297-603	4297-171
.016 x .025 D**	.41 x .64	9293-855	9293-857	9293-859	-	-
.017 x .022	.43 x .56	4293-522	4297-705	4297-855	-	-
.017 x .025	.43 x .64	4293-524	4297-707	4297-857	4297-609	4297-281
.017 x .025 D**	.43 x .64	9293-524	9297-707	9297-857	-	-
.017 x .025 H* D**	.43 x .64	9293-883	9293-885	9293-887	-	-
.018 x .018	.46 x .46	4293-526	4297-709	4297-859	4297-613	4297-113
.018 x .022	.46 x .56	4293-528	4297-711	4297-861	4297-617	-
.018 x .025	.46 x .64	4293-530	4297-713	4297-863	4297-615	4297-381
.018 x .025 H*	.46 x .64	9293-909	9293-911	9293-913	-	-
.019 x .025	.48 x .64	4293-532	4297-715	4297-865	4297-621	4297-481
.019 x .025 H*	.48 x .64	9293-951	9293-953	9293-955	-	-
.021 x .025	.53 x .64	-	4297-717	4297-867	-	4297-581
<b>Lower</b>						
.014 x .025 D**	.36 x .64	9293-820	9293-822	9293-824	-	-
.016 x .016	.41 x .41	4293-519	4297-702	4297-852	4297-602	-
.016 x .022	.41 x .56	4293-521	4297-704	4297-854	4297-604	4297-172
.016 x .025 D**	.41 x .64	9293-856	9293-858	9293-860	-	-
.017 x .022	.43 x .56	4293-523	4297-706	4297-856	-	-
.017 x .025	.43 x .64	4293-525	4297-708	4297-858	4297-610	4297-282
.017 x .025 D**	.43 x .64	9293-525	9297-708	9297-858	-	-
.017 x .025 H* D**	.43 x .64	9293-884	9293-886	9293-888	-	-
.018 x .018	.46 x .46	4293-527	4297-710	4297-860	4297-614	4297-114
.018 x .022	.46 x .56	4293-529	4297-712	4297-862	4297-618	-
.018 x .025	.46 x .64	4293-531	4297-714	4297-864	4297-616	4297-382
.018 x .025 H*	.46 x .64	9293-910	9293-912	9293-914	-	-
.019 x .025	.48 x .64	4293-533	4297-716	4297-866	4297-622	4297-482
.019 x .025 H*	.48 x .64	9293-952	9293-954	9293-956	-	-
.021 x .025	.53 x .64	-	4297-718	4297-868	-	4297-582

\*Hybrid \*\*Dimpled

3M 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. It was the first and continues to be the most versatile.

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



## Unitek™ Beta III Titanium Archwire



Dimension Inches	Dimension mm	OrthoForm™ I Tapered	OrthoForm™ II Square	OrthoForm™ III Ovoid
<b>Rectangular/Square</b>				
<b>Upper</b>				
.016 x .022	.41 x .56	4301-324	4301-302	4301-304
.016 x .025	.41 x .64	4301-350	4301-352	4301-354
.0175 x .0175	.44 x .44	-	4301-336	4301-338
.017 x .025	.43 x .64	4301-326	4301-308	4301-310
.019 x .025	.48 x .64	4301-328	4301-314	4301-316
.021 x .021	.53 x .53	-	-	4301-346
.021 x .025	.53 x .64	4301-330	4301-320	4301-322
<b>Lower</b>				
.016 x .022	.41 x .56	4301-325	4301-303	4301-305
.016 x .025	.41 x .64	4301-351	4301-353	4301-355
.0175 x .0175	.44 x .44	-	4301-337	4301-339
.017 x .025	.43 x .64	4301-327	4301-309	4301-311
.019 x .025	.48 x .64	4301-329	4301-315	4301-317
.021 x .025	.53 x .64	4301-331	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



## Unitek™ Lateral Development Archwires

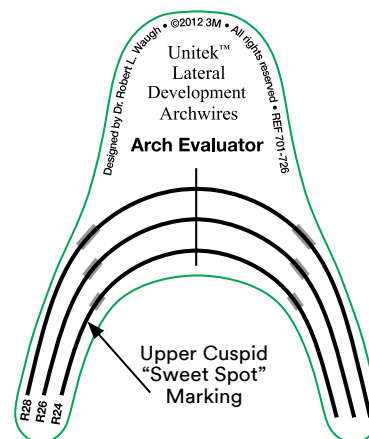
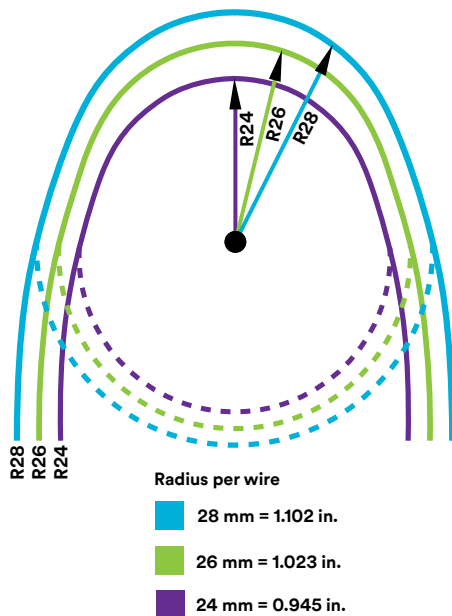
Dimension Inches	Dimension mm	R28		R26		R24	
<b>Nitinol</b>							
.012	.30	4581-301	5	4581-302	5	4581-303	5
.013	.33	4581-304	5	4581-305	5	4581-306	5
.014	.36	4581-307	5	4581-308	5	4581-309	5
.016	.41	4581-310	5	4581-311	5	4581-312	5
.018	.46	4581-313	5	4581-314	5	4581-315	5
.020	.51	4581-316	5	4581-317	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
<b>Nitinol HA</b>							
.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
<b>Beta Titanium</b>							
.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	
<b>Stainless Steel</b>							
.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	
<b>Heat Treated SS</b>							
.016 x .025	.41 x .64	4584-301		4584-302		4584-303	
.019 x .025	.48 x .64	4584-304		4584-305		4584-306	

- 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

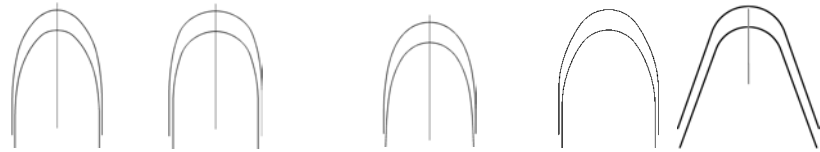
with stops

with stops



Arch Evaluator (5/pk)  
REF 701-726

## Permachrome Resilient Archwire



Dimension Inches	Dimension mm	OrthoForm™ I Tapered	OrthoForm™ II Square	OrthoForm™ III Ovoid	OrthoForm™ LA	Standard
<b>Round</b>						
<b>Upper</b>						
.012	.30	-	4 300-603		300-003	-
.014	.36	4 293-305	4 300-605	6 4	300-005	4 300-507 299-145
.016	.41	4 293-307	4 300-607	6 4	300-007	4 300-503 299-165
.018	.46	4 293-309	4 300-609	6 4	300-009	4 300-515 299-185
.020	.51	4 293-311	4 300-611	6 4	300-011	4 300-521 299-205
<b>Lower</b>						
.012	.30	-	4 300-604		300-004	-
.014	.36	4 293-306	4 300-606	6 4	300-006	4 300-508 299-146
.016	.41	4 293-308	4 300-608	6 4	300-008	4 300-504 299-166
.018	.46	4 293-310	4 300-610	6 4	300-010	4 300-516 299-186
.020	.51	4 293-312	4 300-612	6 4	300-012	4 300-522 299-206
<b>Rectangular/Square</b>						
<b>Upper</b>						
.016 x .016	.41 x .41	4 293-315	4 300-615	6 4	300-015	4 300-565 298-115
.016 x .022	.41 x .56	4 293-317	4 300-617	6 4	300-017	4 300-567 298-175
.016 x .025	.41 x .64	-	4 300-657		300-659	-
.0175 x .0175	.44 x .44	-	4 293-341		293-351	4 -
.017 x .022	.43 x .56	-	4 300-619		300-019	4 300-577 298-275
.017 x .025	.43 x .64	4 293-321	4 300-621	6 4	300-021	4 300-579 298-285
.017 x .025 H*	.43 x .64	9293-889	9293-891		9293-893	-
.018 x .022	.46 x .56	-	4 300-623		300-023	4 300-569 298-375
.018 x .025	.46 x .64	4 293-325	4 300-625	6 4	300-025	4 300-573 298-385
.018 x .025 H*	.46 x .64	9293-915	9293-917		9293-919	-
.019 x .025	.48 x .64	4 293-327	4 300-627	6 4	300-027	4 300-585 298-485
.019 x .025 H*	.48 x .64	9293-957	9293-959		9293-961	-
.021 x .025	.53 x .64	293-329	4 300-629	6 4	300-029	4 300-593 298-585
.021 x .025 H*	.53 x .64	9293-943	9293-945		9293-947	-
<b>Lower</b>						
.016 x .016	.41 x .41	293-316	4 300-616	6 4	300-016	4 300-566 298-116
.016 x .022	.41 x .56	4 293-318	4 300-618	6 4	300-018	4 300-568 298-176
.016 x .025	.41 x .64	4 300-656	4 300-658		300-660	-
.0175 x .0175	.44 x .44	-	-		293-352	-
.017 x .022	.43 x .56	-	4 300-620		300-020	4 300-578 298-276
.017 x .025	.43 x .64	4 293-322	4 300-622	6 4	300-022	4 300-580 298-286
.017 x .025 H*	.43 x .64	9293-890	9293-892		9293-894	-
.018 x .022	.46 x .56	-	4 300-624		300-024	4 300-570 -
.018 x .025	.46 x .64	4 293-326	4 300-626	6 4	300-026	4 300-574 298-386
.018 x .025 H*	.46 x .64	9293-916	9293-918		9293-920	-
.019 x .025	.48 x .64	4 293-328	4 300-628	6 4	300-028	4 300-586 298-486
.019 x .025 H*	.48 x .64	9293-958	9293-960		9293-962	-
.021 x .025	.53 x .64	293-330	4 300-630	6 4	300-030	4 300-594 298-586
.021 x .025 H*	.53 x .64	9293-944	9293-946		9293-948	-

\*Hybrid

Unit of Use

Unit of Use

Gold

Unit of Use

Unit of Use



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

- Better formability than Hi-T™ II
- Mid-range tensile strength
- Gold available in unit of use only 5/pk

- OrthoForm I, 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



Dimension Inches	Dimension mm	Standard
<b>Round</b>		
<b>Upper</b>		
.014	.36	301-141
.016	.41	301-161
.018	.46	301-181
.020	.51	301-201
<b>Lower</b>		
.016	.41	301-162
.018	.46	301-182
<b>Rectangular/Square</b>		
<b>Upper</b>		
.016 x .022	.41 x .56	4 300-171
.017 x .022	.43 x .56	300-271
.017 x .025	.43 x .64	300-281
.018 x .025	.46 x .64	4 300-381
.019 x .025	.48 x .64	4 300-481
.021 x .025	.53 x .64	300-581
<b>Lower</b>		
.016 x .022	.41 x .56	4 300-172
.017 x .022	.43 x .56	300-272
.017 x .025	.43 x .64	4 300-282
.018 x .025	.46 x .64	4 300-382
.019 x .025	.48 x .64	4 300-482
.021 x .025	.53 x .64	300-582

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
- All unit of use 50/pk



## Permachrome Posted Archwire



Dimension Inches	Inter-Post mm	OrthoForm™ I Tapered	OrthoForm™ II Square	OrthoForm™ III Ovoid	OrthoForm™ LA
<b>Rectangular</b>					
<b>Upper</b>					
.016 x .022	44	-	-	300-931	-
.016 x .022	42	-	300-726	300-932	-
.016 x .022	40	293-105	300-727	300-933	-
.016 x .022	38	293-107	300-728	300-934	-
.016 x .022	36	293-109	300-729	300-935	-
.016 x .022	34	-	300-730	300-936	-
.016 x .022	32	-	300-731	300-937	-
<hr/>					
.019 x .025	44	293-115	300-232	300-938	-
.019 x .025	42	293-117	300-233	300-939	-
.019 x .025	40	293-119	300-234	300-940	300-134
.019 x .025	38	293-121	300-235	300-941	300-135
.019 x .025	36	293-123	300-236	300-942	300-136
.019 x .025	34	293-125	300-237	300-943	-
.019 x .025	32	293-127	300-238	300-944	300-138
<hr/>					
<b>Rectangular</b>					
<b>Lower</b>					
.016 x .022	30	-	300-749	300-955	-
.016 x .022	28	293-104	300-750	300-956	-
.016 x .022	26	293-106	300-751	300-957	-
.016 x .022	24	293-108	300-752	300-958	-
.016 x .022	22	-	-	300-959	-
<hr/>					
.019 x .025	30	293-112	300-244	300-960	300-144
.019 x .025	28	293-114	300-245	300-961	300-145
.019 x .025	26	293-116	300-246	300-962	300-146
.019 x .025	24	293-118	300-247	300-963	-
.019 x .025	22	293-120	300-248	300-964	-



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



## Hi-T™ II Archwire



Dimension Inches	Dimension mm	Standard
<b>Round</b>		
<b>Upper</b>		
.012	.30	294-121
.014	.36	294-141
.016	.41	294-161
.018	.46	294-181
.020	.51	294-201
<b>Lower</b>		
.012	.30	294-122
.014	.36	294-142
.016	.41	294-162
.018	.46	294-182
.020	.51	294-202
<b>Rectangular/Square</b>		
<b>Upper</b>		
.016 x .016	.41 x .41	295-111
.016 x .022	.41 x .56	295-171
.017 x .025	.43 x .64	295-281
.018 x .022	.46 x .56	295-371
.018 x .025	.46 x .64	295-381
.019 x .025	.48 x .64	295-481
<b>Lower</b>		
.016 x .016	.41 x .41	295-112
.016 x .022	.41 x .56	295-172
.017 x .025	.43 x .64	295-282
.018 x .022	.46 x .56	295-372
.018 x .025	.46 x .64	295-382
.019 x .025	.48 x .64	295-482

- High tensile strength
- Available in folder packs only
- Round wires: 50/pk
- Rectangular wires: 10/pk

## Hi-T™ II Twist Flex Miscellaneous Solder Supplies

### Hi-T™ II Twist Flex (Stainless Steel)

- Consists of three small diameter strands of Hi-T™ II round wires twisted tightly together to form a single wire
- High resistance to permanent deformation
- Delivers continuous light force over a greater distance and working range than solid round stainless steel wire of the same diameter
- Silver-soldered to prevent unraveling, can be trimmed up to 3/8 in. (9.5 mm) without unraveling. If further trimming is necessary, use Unitek™ Soldering Flux.
- 10/pk



### Individual Precut Lengths of Twist Flex Wires

Length	Archwire Diameter		
	.0175 in. (.44 mm)	.0195 (.50 mm)	.0215 (.55 mm)
Inches (cm)			
14* (35.6)	260-175	260-195	260-215

\*Not pre-soldered

## Solder Supplies

### Unitek™ 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)

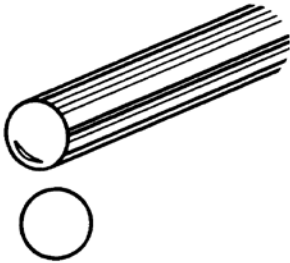
**700-102** Regular, Diameter:  
0.015 in. (0.38 mm);  
Length: 20 feet (6.10 meters)

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

## Unitek™ Stainless Steel Straight Lengths

### Round Wire

- 14 in. (35.6 cm) Straight Lengths



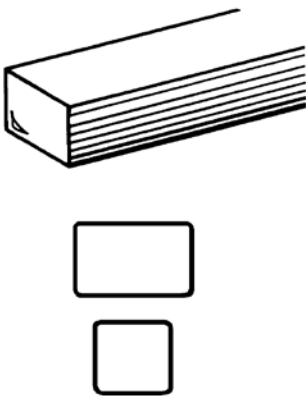
Inches	Size		Qty/ Pkg	Permachrome Standard	Qty/ Pkg	Permachrome Resilient	Qty/ Pkg
	mm	Hi-T™ II					
.010	.25	216-100	30	211-100	40	-	
.012	.30	216-120	30	211-120	40	-	40
.014	.36	216-140	30	211-140	40	213-140	40
.015	.39	-		211-150	40	-	
.016	.41	216-160	30	211-160	40	213-160	40
.018	.46	216-180	20	211-180	40	213-180	40
.020	.51	216-200	20	211-200	40	213-200	40
.021	.53	-		211-210	35	-	
.022	.56	216-220	30	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	-	
.062	1.57	-		211-620	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

Inches	Size		Hi-T II	Permachrome Standard	Permachrome Resilient
	mm				
.016 x .016	.41 x .41		256-616	251-616	253-616
.016 x .022	.41 x .56		256-622	251-622	253-622
.017 x .022	.43 x .56		-	251-722	253-722
.017 x .025	.43 x .64		256-725	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		256-825	251-825	253-825
.019 x .025	.48 x .64		256-925	251-925	253-925
.020 x .025	.51 x .64		-	-	253-025
.021 x .025	.53 x .64		256-125	251-125	253-125
.0215 x .028	.55 x .71		-	251-228	253-228

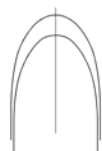
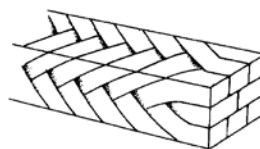
#### 15 in. (37.5 cm) Straight Lengths

Inches	Size		Hi-T II	Permachrome Standard
	mm			
.016 x .022	.41 x .56		256-621	251-621

## Multi-Strand Archwire

### Unitek™ Braided Wire

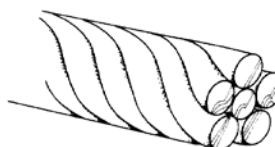
- Eight (8) strand Braided Rectangular
- Three dimensional control
- Wide working range
- 10/pk



Dimension Inches	Dimension mm	OrthoForm™ I Tapered	OrthoForm™ II Square	OrthoForm™ III Ovoid
<b>Rectangular/Square</b>				
<b>Upper</b>				
.016 x .016	.41 x .41	-	300-905	-
.016 x .022	.41 x .56	-	300-907	-
.017 x .025	.43 x .64	300-965	300-909	300-967
.018 x .025	.46 x .64	-	300-911	-
.019 x .025	.48 x .64	300-969	300-913	300-971
.021 x .025	.53 x .64	-	300-915	-
<b>Lower</b>				
.016 x .016	.41 x .41	-	300-906	-
.016 x .022	.41 x .56	-	300-908	-
.017 x .025	.43 x .64	300-966	300-910	300-968
.018 x .025	.46 x .64	-	300-912	-
.019 x .025	.48 x .64	300-970	300-914	300-972
.021 x .025	.53 x .64	-	300-916	-

### Unitek™ 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



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

### Unitek™ 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

## Blue Flexiloy Wire (Cobalt-Based Nickel Alloy)

- Temper spring increases with heat-treatment
- Can be used “out-of-the box”, especially when complex bends and loops need to be formed, then heat-treated to approximately double its normal springiness, if desired
- Ideal for wire manipulation
- Can be soldered with low heat and welded without becoming brittle
- Excellent for retainers and standard arches

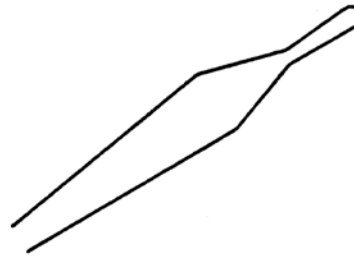
### 14 in. Straight Lengths

Round				Rectangular/Square			
Size		Qty per	Blue	Size		Qty per	Blue
Inches	mm			Inches	mm		
.016	.41	30	<b>218-160</b>	.016 x .016	.41 x .41	10	<b>258-616</b>
.018	.46	20	<b>218-180</b>	.016 x .022	.41 x .56	10	<b>258-622</b>
.020	.51	20	<b>218-200</b>	.017 x .025	.41 x .64	10	<b>258-725</b>
.028	.71	10	<b>218-280</b>				
.030	.76	10	<b>218-300</b>				
.036	.91	10	<b>218-360</b>				
.045	1.14	6	<b>218-450</b>				

## 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 Band
Inches	mm	
.008	.20	<b>390-080</b> Yellow
.009	.23	<b>390-090</b> Green
.010	.25	<b>390-100</b> Blue
.011	.28	<b>390-110</b> Pink
.012	.30	<b>390-120</b> Black
.014	.36	<b>390-140</b> Orange

#### Spool Uncoated

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

#### Preformed Coated (100/pk)

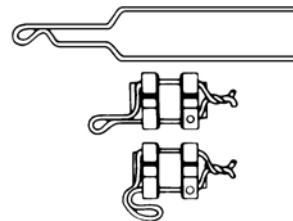
Diameter		Coating Color
Inches	mm	
.012*	.30	<b>390-160</b> Natural

\*Finished diameter .008 Core wire

### 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



### Unitek™ Ligature Ties Preformed Coated .012

- Esthetic, tooth colored ligature tie that can be used with ceramic brackets such as Clarity™ ADVANCED Ceramic Brackets
- Stainless Steel tie with a Polymer Coating (Ethylene/Tetrafluoroethylene Copolymer)
- .012 diameter
- Available in packs of 100

**390-170** 100/pk



## Preformed Archwire

### Pretorqued, Preformed Edgewise Archwires

- Preformed archwires supplied with a fixed angle of torque over the anterior region of the arch
- Permachrome standard
- Remove or reverse torque with Rose Torquing pliers or two parallel pliers, e.g., Tweed arch-forming pliers
- 10/pk

Inches	Size mm	Standard Arch Form			
		10° Upper	10° Lower	20° Upper	25° Upper
.016 x .022	.41 x .56	300-785	300-786	300-797	-
.017 x .025	.43 x .64	-	300-788	-	300-823
.018 x .025	.46 x .64	-	-	-	300-827
.019 x .025	.48 x .64	300-793	300-794	-	-
.021 x .025	.53 x .56	-	-	-	300-831

## 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



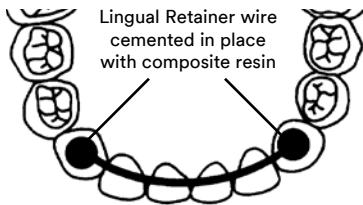
#### Hawley Retainer Wires (1/Pack)

Length (mm*)	Size	Length (mm*)	Size
32.8	0	360-300	45.3
35.2	1	360-301	47.8
37.8	2	360-302	50.3
40.3	3	360-303	52.7
42.8	4	360-304	55.2

\*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
- Allows for long term stability with physiologic teeth movement
- Tight spiral twist facilitates bonding without end loops or bonding pads
- Bond any or all teeth in segment



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**

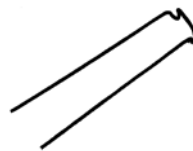
- Pre-bonding lingual wire support
- Eliminates need for wax, ligature wire, floss threader or manual assistance

406-044 10/pk

## Clasps

### Modified Arrowhead Clasps

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

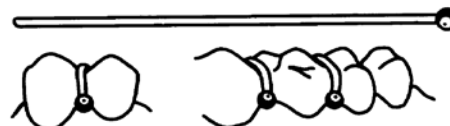


Modified Arrowhead Clasp (10/Pk)

Size		Width		
Inches	mm	(mm)		
.024	.61	5.5	<b>362-241</b>	Primary & Permanent Cuspids
.024	.61	6.5	<b>362-243</b>	Primary & Permanent Cuspids
.028	.71	6.0	<b>362-282</b>	Bicuspid & Primary Molars
.028	.71	7.0	<b>362-284</b>	Primary Molars
.028	.71	8.0	<b>362-285</b>	Permanent Molars
.028	.71	9.0	<b>362-286</b>	Permanent Molars
.028	.71	10.0	<b>362-287</b>	Permanent Molars
.028	.71	11.0	<b>362-288</b>	Permanent Molars
.028	.71	12.0	<b>362-289</b>	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
- Simplifies retainer fabrication, contouring and retention, especially mixed dentition
- 10/pk



#### Wire

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

## Archwire Accessories

### Unitek™ 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

Refer to Supplies and Equipment section for arch form symmetry aids.



<b>Tooth Preparation.....</b>	<b>8.2</b>
<b>Miscellaneous Products .....</b>	<b>8.2</b>
<b>3M™ Transbond™ Plus Self Etching Primer.....</b>	<b>8.3</b>
<b>3M™ Transbond™ MIP Moisture Insensitive Primer....</b>	<b>8.3</b>
<b>3M™ Transbond™ XT Primer .....</b>	<b>8.3</b>
<b>3M™ Transbond™ XT Light Cure Adhesive .....</b>	<b>8.4</b>
<b>3M™ Transbond™ PLUS Color Change Adhesive .....</b>	<b>8.5</b>
<b>3M™ Transbond™ LR Light Cure Adhesive .....</b>	<b>8.5</b>
<b>3M™ Transbond™ Plus Light Cure Band Adhesive .....</b>	<b>8.6</b>
<b>3M™ Unitek™ Multi-Cure Glass Ionomer Orthodontic Band Cement.....</b>	<b>8.6</b>
<b>3M™ Ortholux™ Luminous Curing Light.....</b>	<b>8.7</b>
<b>3M™ Concise™ Orthodontic Chemical Cure Adhesive .....</b>	<b>8.8</b>
<b>3M™ Unite™ Bonding Adhesive.....</b>	<b>8.8</b>
<b>3M™ Sondhi™ Rapid-Set Indirect Bonding Adhesive .....</b>	<b>8.8</b>
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<b>3M™ ESPE™ RelyX™ Unicem 2 Automix Self-Adhesive Resin Cement .....</b>	<b>8.9</b>
<b>3M™ Transbond™ Supreme LV Light Cure Adhesive .....</b>	<b>8.9</b>

## Etching the Tooth Surface

### Tooth Preparation



**Unitek™ Etching Gel System**  
(Blue Tint)  
(35% Phosphoric Acid)  
2 gel etch syringes (3.5 g each)  
25 disposable plastic dispensing tips  
**712-039**



**Unitek™ Etching Gel System**  
(Blue Tint)  
(35% Phosphoric Acid)  
2 gel etch syringes (3.5 g each)  
20 disposable metal dispensing tips  
**712-044**



**Brush Holder**  
4/pk  
**704-046**



**Unitek™ Etching Gel**  
(Blue Tint)  
35% phosphoric acid  
9 ml bottle  
**704-060**



**Disposable Plastic Dispensing Tips**  
25/pk  
**712-037**



**Disposable Metal Dispensing Tips**  
20/pk  
**712-045**

## Miscellaneous Products

**Bonding Prep Trays**  
25/pk tacky surface in well  
**709-029**  
100/pk tacky surface in well  
**709-019**

**Dispensing Items**  
Mixing Pad 3" x 2½"  
5/pk  
**704-030**

Disposable Spatulas  
100/pk  
**704-045**



**Ortho Laboratory Adhesive**  
**for Indirect Bonding**  
3 syringe/pk  
**704-050**

## 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 3M 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

## 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**

## Banding Adhesive/Cement

### Transbond™ Plus Light Cure Band Adhesive

- Single paste for easy dispensing
- Blue color for initial and final clean-up
- No-mix band adhesive

**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**



### Unitek™ 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



**Unitek Multi-Cure Glass Ionomer Band Cement Kit**  
 35 g powder  
 25 g liquid  
 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/cm<sup>2</sup>.

- One piece, stainless steel, pen-shaped, cordless handpiece
- 3 second curing for ceramic brackets
- High intensity 1600 mW/cm<sup>2</sup> 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  
**704-462** (AUS/NZ) 230V

### Ortholux Luminous Curing Light Replacement Parts



**704-455** Rechargeable Battery



**704-456** Light Guide

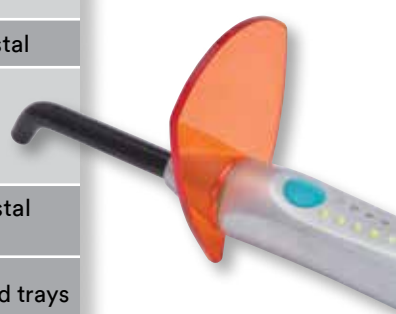


**704-457** Eye Shield



**S0360X** Curing Light Glasses

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	3 seconds mesial x 3 seconds distal
Ceramic Brackets		3 seconds through the bracket
Buccal Tubes (direct bond)	APC™ II Adhesive Coated Brackets APC™ PLUS Adhesive Coated Brackets	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)
	Unitek™ Multi-Cure Glass Ionomer Band Cement	
Indirect Trays (Metal Brackets)	Transbond Supreme LV Low Viscosity Light Cure Adhesive	6 seconds mesial x 6 seconds distal through the trays
Indirect Trays (Ceramic Brackets)		6 seconds through the bracket and trays



## Chemical Cure Bonding Adhesive

### Concise™ Orthodontic Chemical Cure Adhesive

- Two-part resin and paste system
- Cures chemically
- Reliable bond strength

#### Concise Orthodontic Bonding System

- 6 ml enamel bond Resin A
- 6 ml enamel bond Resin B
- 18 g orthodontic bonding Paste A
- 18 g orthodontic bonding Paste B
- 9 ml etching liquid (clear)
- 2 mixing pads, 2" x 1½"
- 200 disposable mini-sponge applicators
- 1 light sensitive well
- 1 brush holder
- 60 brush tips
- 50 spatulas
- 196-001**



#### Enamel Bond Resin A

- 6 ml bottle
- 196-009**

#### Enamel Bond Resin B

- 6 ml bottle
- 196-010**

#### Orthodontic Bonding Paste A

- 18 g jar
- 196-002**

#### Orthodontic Bonding Paste B

- 18 g jar
- 196-003**

## Unite™ Bonding Adhesive

- No-mix adhesive for direct bonding
- Available in easy-to-use syringes
- Can be used for bonding polycarbonate brackets
- Cures chemically

**Brush Holder**  
4/pk  
**704-046**

**Unite Bonding Adhesive Syringe Kit**  
3 adhesive syringes (5 g each)  
15 ml primer  
1 dispensing pad, 3" x 2½"  
1 brush holder  
60 brush tips  
**712-012**

**Unite Adhesive**  
3 syringes (5 g each)  
**704-048**

**Unite Primer**  
For Unite adhesive  
15 ml bottle  
**704-055**

## Adhesives for Indirect Bonding Trays

### Sondhi™ Rapid-Set Indirect Bonding Adhesive

#### Sondhi Rapid-Set Indirect Bonding Adhesive Kit – a convenient, new angle on packaging.

3M's comprehensive treatment approach encompasses the packaging itself. A functional kit box that incorporates the indirect technique of Dr. Anoop Sohndhi. The kit comes packaged in a large light-tight container, which can be used to store the models before curing. (Kit does not contain models.)



#### Sondhi Rapid-Set Indirect Bonding Adhesive Kit

- 1 10 ml bottle Resin A
- 1 10 ml bottle Resin B
- 2 brush holders (1 orange, 1 white)
- 60 brush tips
- 1 2-cavity dispensing well
- 712-070**

#### DVD

Indirect Bonding Technique DVD  
**012-147**

Orthodontic Consultations DVD  
**012-146**

Sondhi TMD Examination DVD  
**012-145**

#### Reorder items

1 10 ml bottle Resin A  
**712-072**

1 10 ml bottle Resin B  
**712-073**

4 dispensing wells, 2-cavity  
**712-074**

Light-Tight Box  
**712-075**

White Brush Holder 4/pk  
**704-046**

Orange Brush Holder 4/pk  
**704-066**

## Adhesives for Indirect Bonding Trays

### Transbond™ IDB Pre-Mix Chemical Cure Adhesive

The 3M Adhesive Product Portfolio is known for offering uncompromising quality and reliable performance. Transbond IDB Pre-Mix Chemical Cure Indirect Bonding Adhesive will adhere to that legacy and introduces flexibility within the product line. The product can be used with Lingual or Labial Indirect Bonding Systems.



#### Transbond IDB Pre-Mix Chemical Cure Adhesive Kit

110 g bottle Part A  
110 g bottle Part B  
200 Applicators  
20 Disposable Wells  
**712-120**

#### Disposable Wells

96/pk  
**712-023**

#### Standard Applicators

100/pk  
**712-092**

#### Transbond IDB Pre-Mix Chemical Cure Adhesive Reorder Items

110 g bottle Part A  
**712-121**

110 g bottle Part B  
**712-122**

### RelyX™ Unicem 2 Automix Self-Adhesive Resin Cement



Dual-Cure indirect bonding solution for the Incognito™ Appliance System, the RelyX Unicem 2 Automix Syringe provides easy mixing and convenient dispensing.

#### RelyX Unicem 2 Automix Refill

Shade: A2 Universal  
1-8.5g syringe  
15 Mixing Tips (Regular)  
5 Mixing Tips (Wide)  
5 Mixing Tips (Endo)  
**56846**

#### RelyX Unicem 2 Cement Mixing Tips

15 Mixing Tips  
**56919**

### 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 3M primers

#### Transbond Supreme LV Adhesive Kit

2 syringes (2 g each)  
20 tips  
**712-046**

#### Tips

20/pk  
**712-045**





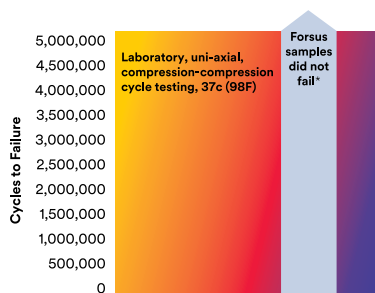
<b>3M™ Forsus™ Class II Correctors.....</b>	<b>9.2</b>
<b>3M™ Forsus™ Fatigue Resistant Device.....</b>	<b>9.3</b>
<b>3M™ Unitek™ Temporary Anchorage Device (TAD) System.....</b>	<b>9.4</b>
<b>3M™ AlastiK™ Force Products.....</b>	<b>9.6</b>
<b>3M™ Mini-StiK™ System.....</b>	<b>9.7</b>
<b>Elastics.....</b>	<b>9.14</b>
<b>Archwire Hooks and Stops .....</b>	<b>9.15</b>
<b>Gurin Auxiliaries .....</b>	<b>9.16</b>
<b>3M™ Unitek™ Crimpable Auxiliaries .....</b>	<b>9.17</b>
<b>Nitinol Coil Springs.....</b>	<b>9.17</b>
<b>Retraction Springs .....</b>	<b>9.18</b>
<b>Rotation Springs .....</b>	<b>9.19</b>
<b>3M™ Unitek™ MIA Mobile Interarch System .....</b>	<b>9.20</b>
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<b>Expansion Screws.....</b>	<b>9.22</b>



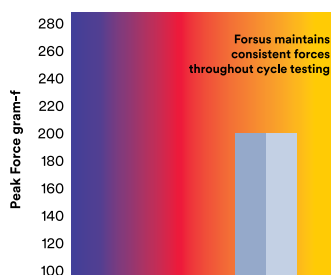
## Forsus™ Class II Correctors

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.



3M™ Forsus™ Fatigue Resistant Device  
Spring Module Cycle Life Summary  
\*Spring removed at 5,000,000 cycles with no breakage.



3M™ Forsus™ Fatigue Resistant Device  
Force Decay  
Charts Source: 3M Laboratory



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, yet it doesn't cause cheek bulges, 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	<b>885-141</b>	<b>885-121</b>
20-Patient Kit	<b>885-142</b>	<b>885-122</b>
<b>1-Patient Kit</b>		
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)	<b>885-150</b>	-
1-Patient Kit, Push Rod Short (25 mm)	<b>885-143</b>	<b>885-126</b>
1-Patient Kit, Push Rod Medium (29 mm)	<b>885-144</b>	<b>885-127</b>
1-Patient Kit, Push Rod Large (32 mm)	<b>885-145</b>	<b>885-128</b>
1-Patient Kit, Push Rod X-Large (35 mm)	<b>885-146</b>	<b>885-129</b>
1-Patient Kit, Push Rod XX-Large (38 mm)	<b>885-147</b>	-

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

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

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

### Requisites for Proper Installation of Forsus Correctors

Stainless Steel Archwires	Section 7
.017 x .025 in. .018 Slot Brackets	
.019 x .025 in. .022 Slot Brackets	
Steel-ligated lower cuspid brackets	Section 7
Lower archwire cinched back distal to buccal tube	
Negative torque in lower anterior brackets of at least -5°	Sections 1, 4
or	
Steel-ligated lower arch	Section 7

### Specifically For the EZ2 Module:

Buccal tube with a buccally-offset occlusal headgear tube	Section 5
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### Also Consider

Gurin Lock distal to canine	Section 9
Weingart Pliers for Installation	Section 12
Cutters for L-Pin Trimming	Section 12

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	-
<b>Push Rods</b>				
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	-
<b>Auxiliaries</b>				
Split Crimps	16	16	50	50
Measurement Guides	2	5	5	20






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

Consultation Tools	Part Number
Forsus EZ2 with Clarity™ ADVANCED Brackets	<b>600-242</b>
Forsus EZ2 with SmartClip™ Brackets	<b>600-233</b>
Forsus Patient Brochure	<b>016-963</b>

## Unitek™ Temporary Anchorage Device (TAD) System Auxiliary Products

### Unitek™ Temporary Anchorage Device (TAD) System

#### Implants

- 
- 6 mm (504-006)
- 
- 8 mm (504-008)
- 
- 10 mm (504-010)

#### Insertion Instruments



Unitek™ TAD Straight Driver (504-301) Adapter Included



Unitek™ TAD Straight Adapter O-Ring Pk (504-303) (Red) 10/Pk



Unitek™ TAD Contra Angle Driver (504-315) Includes (1) Adapter (504-316) (Introduced by Dr. Jason B. Cope)



Unitek™ TAD Contra Angle 3.5 mm Adapter (504-316)



Unitek™ TAD Contra Angle 10.5 mm Adapter (504-317)



Unitek™ TAD Contra Angle 17.5 mm Adapter (504-318)



Unitek™ TAD Contra Angle Adapter O-Ring (504-319) (Black) 5/Pk



Unitek™ TAD O-Cap (504-201) (Designed by Dr. Jason B. Cope) Includes (1) Unitek™ TAD O-Cap Elastic Ring (504-202)



Unitek™ TAD O-Cap Elastic Ring (504-202) (Black)

#### Auxiliary Products



Unitek™ TAD Constant Force Coil Springs (aTADchments™ designed by Dr. Jason B. Cope)

- Innovative locking eyelet
- Three constant force levels (150 g, 200 g and 250 g)
- Four lengths

#### Unitek™ Temporary Anchorage Device (TAD) Implants

Item	Part Number
Unitek TAD – 6 mm*	504-006
Unitek TAD – 8 mm*	504-008
Unitek TAD – 10 mm*	504-010

\*Item provided in sterile packaging.

#### Unitek™ Temporary Anchorage Device (TAD) Drivers, O-Rings and Adapters

Item	Part Number
Unitek TAD Straight Driver	504-301
Unitek TAD Straight Adapter O-Ring Pk	504-303 (Red)
Unitek TAD Contra Angle Driver	504-315
Unitek TAD Contra Angle 3.5 mm Adapter	504-316
Unitek TAD Contra Angle 10.5 mm Adapter	504-317
Unitek TAD Contra Angle 17.5 mm Adapter	504-318
Unitek TAD Contra Angle Adapter O-Ring Pk	504-319 (Black)

#### Unitek™ Temporary Anchorage Device (TAD) O-Caps

Item	Part Number
Unitek TAD O-Cap	504-201
Unitek TAD O-Cap Elastic Ring	504-202 (Black)

#### Unitek™ Temporary Anchorage Device (TAD) Constant Force Coil Springs

Item	Pack of 10	Part Number
Unitek TAD Coil Spring 1.75 mm Light Force (150 g)		504-2221
Unitek TAD Coil Spring 1.75 mm Medium Force (200 g)		504-2222
Unitek TAD Coil Spring 1.75 mm Heavy Force (250 g)		504-2223
Unitek TAD Coil Spring 3 mm Light Force (150 g)		504-2231
Unitek TAD Coil Spring 3 mm Medium Force (200 g)		504-2232
Unitek TAD Coil Spring 3 mm Heavy Force (250 g)		504-2233
Unitek TAD Coil Spring 6 mm Light Force (150 g)		504-2261
Unitek TAD Coil Spring 6 mm Medium Force (200 g)		504-2262
Unitek TAD Coil Spring 6 mm Heavy Force (250 g)		504-2263
Unitek TAD Coil Spring 8 mm Light Force (150 g)		504-2281
Unitek TAD Coil Spring 8 mm Medium Force (200 g)		504-2282
Unitek TAD Coil Spring 8 mm Heavy Force (250 g)		504-2283

## Auxiliary Products Introductory Kit

### Auxiliary Products



Unitek™ TAD  
Titanium Bowl  
(504-342)



Unitek™ TAD Lab Analog  
(504-352)



Unitek™ TAD Display Model  
(504-501)

Unitek™ Temporary Anchorage Device (TAD) Accessories	
Item	Part Number
Unitek TAD Titanium Bowl	504-342
Unitek TAD Lab Analog	504-352
Unitek TAD Display Model	504-501

### Introductory Kit (REF 504-101)



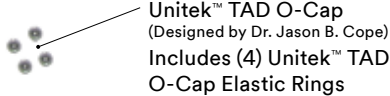
Unitek™ TAD Straight  
Driver Adapter Included



Unitek™ TAD Contra Angle Driver  
(Introduced by Dr. Jason B. Cope)  
Includes (1) Adapter



Unitek™ TAD  
8 mm



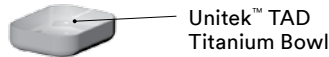
Unitek™ TAD O-Cap  
(Designed by Dr. Jason B. Cope)  
Includes (4) Unitek™ TAD  
O-Cap Elastic Rings



Unitek™ TAD  
6 mm



Unitek™ TAD  
10 mm



Unitek™ TAD  
Titanium Bowl

Unitek™ Temporary Anchorage Device (TAD) System Introductory Kit Components	
Item	Quantity
Unitek TAD 6 mm	3
Unitek TAD 8 mm	3
Unitek TAD 10 mm	3
Unitek TAD O-Cap	4
Unitek TAD Straight Driver	1
Unitek TAD Contra Angle Driver	1
Unitek TAD Titanium Bowl	1

## 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 which makes tie-wing hook-up easier and more efficient than ever before. The unique angled shape reduces the range of movement needed for bracket ligation, improving the entire process for you and the patient. With less contact of the placement tool with the patient's lips, patient comfort is enhanced.



AlastiK Easy-To-Tie Ligature

Choose from 26 fade-resistant colors.  
One size fits most twin brackets.  
Quantity 100 sticks per pack (1,000 ligatures).

\* 50 sticks of 24 colors

\*\* 20 sticks of 24 colors

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
Hot Red	406-879
Kelly Green	406-880
Yellow	406-881
Deep Black	406-882
Gold	406-883
Silver	406-884
Purple Metallic	406-885
Blue Metallic	406-886
Green Metallic	406-887
Radical Red	406-979
Screaming Pink	406-980
Plum Crazy	406-981
Orange Blast	406-982
Extreme Green	406-983
Midnight Glow (Glow in the dark)	406-984
Mediterranean Blue	406-985
Obscure	406-986
White	406-988
Mixed Assorted	406-888
Dispensing Box	406-890
Starter Kit with color palette (Large)*	406-990
Starter Kit with color palette (Small)**	406-991

#### AlastiK™ Practice Enhancers

##### AlastiK™ Color Palette

406-825



##### AlastiK™ Color Dots

- Adhesive backed
  - 1 each 25 colors/bag
- 406-829

#### 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

Outer Diameter	A-1	A-2	A-3
Inches	.125	.094	.110
(mm)	(3.2 mm)	(2.4 mm)	(2.8 mm)
(Bracket)	(Full)	(Single)	(Mini)



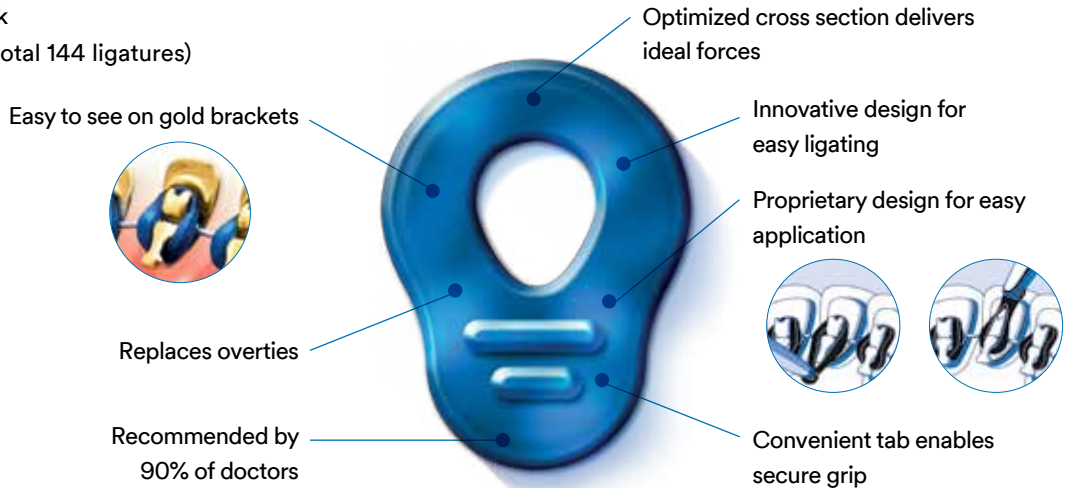
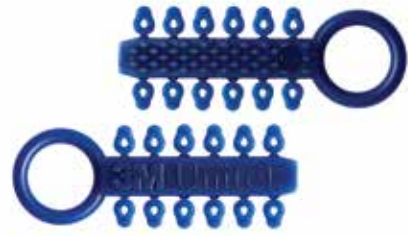
# AlastiK™ Lingual Ligatures Mini-StiK™ Patient Sticks

## AlastiK Lingual Ligatures

AlastiK Lingual Ligatures, used as plain ties, apply similar vertical and tip control when compared to overties used with powerchain.\* Due to the design of the ligatures, the application is easier compared to current ligation techniques and provides patient comfort at the same time.

**• Not Made With Natural Rubber Latex**

- 12 ligatures per stick
  - 12 sticks per pack (total 144 ligatures)
- 406-993**



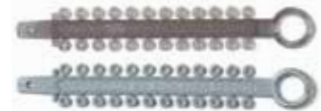
\* Source: 3M Lab

## 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

**417 StiKs per bag (10,008) A-1**  
 Gray **406-391**  
 Clear **406-392**



**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
White	406-905	406-945
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
Gold	406-920	406-960
Silver	406-922	406-962
Purple Metallic	406-933	406-973
Blue Metallic	406-934	406-974
Green Metallic	406-935	406-975

Colors	A-1	A-3
Hot Red	406-936	406-976
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
Midnight Glow (Glow in the dark)	406-230	406-239

## 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	Colors	A-1	A-2
Gray	406-407	406-408	Navy Blue	406-737	-
Clear	406-417	-	Deep Black	406-738	-
Smoke	406-703	-	Assorted	406-724	-
White	406-705	-	Radical Red	406-241	-
Light Blue	406-706	-	Screaming Pink	406-242	-
Dusky Blue	406-707	-	Plum Crazy	406-243	-
Teal	406-709	-	Orange Blast	406-244	-
Lavender	406-710	-	Extreme Green	406-245	-
Kelly Green	406-716	-	Obscure	406-246	-
Yellow	406-718	-	Mediterranean Blue	406-247	-
Gold	406-720	-	Midnight Glow (Glow in the dark)	406-250	-
Silver	406-722	-			
Purple Metallic	406-733	-			
Blue Metallic	406-734	-			
Green Metallic	406-735	-			
Hot Red	406-736	-			

#### 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 sizes



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

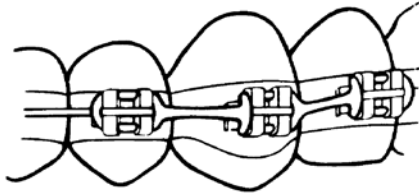
**C-1** Short Chain



**\*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	C-2	CK
			Mandibular .150 (3.8)	Maxillary .170 (4.3)	.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)	C-1	C-2
			.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	CK	
			.140 (3.6)	.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

## 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		Colors	in. (mm)	Distance Center to Center	
		C-1 .140 (3.6)	CK .110 (2.8)			C-1 .140 (3.6)	CK .110 (2.8)
Gray		406-611	406-621	Yellow		406-688	406-638
Clear		406-612	406-622	Gold		406-690	406-640
Purple		406-653	406-643	Silver		406-692	406-642
Metallic				Radical Red		406-297	406-306
Blue Metallic		406-654	406-644	Screaming Pink		406-298	406-307
Green		406-655	406-645	Plum Crazy		406-299	406-308
Metallic		406-656	406-646	Orange Blast		406-300	406-309
Hot Red		406-657	406-647	Extreme Green		406-301	406-310
Navy Blue		406-658	406-648	Obscure		406-302	406-312
Deep Black		406-673	406-623	Mediterranean		406-303	406-313
Smoke		406-675	406-625	Blue		406-304	406-314
White		406-676	406-626	Midnight Glow (Glow in the dark)			
Light Blue		406-677	406-627				
Dusky Blue		406-679	406-629				
Teal		406-680	406-630				
Lavender		406-686	406-636				
Kelly Green							



### Alastik™ Bobbin Dispenser

- **Not Made With Natural Rubber Latex**

- Holds 16 bobbins
- Removable handle
- Replaceable blade

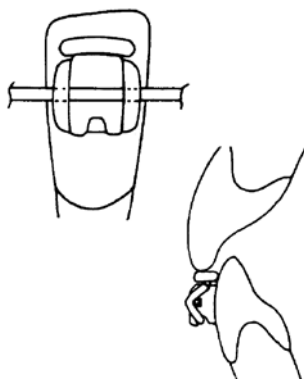
406-927

### 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 ceramic 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)	SX Posterior .190 in. (4.8 mm)
Clear		406-081	406-082	406-085	Radiopaque Dusky Blue 406-086 100/pk 406-087 1,000/pk
Blue		-	406-084	-	
Green		406-083	-	-	

\*Box available upon request

### 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


## K Modules

### G 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 .400 (10.2)	K-1 .455 (11.6)	K-2 .650 (16.5)	K-3 .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 .235 (6.0)	KX-2 .310 (7.9)	KX-3 .415 (10.5)
Clear	Medium	-	406-060	406-057	406-062
Gray	Medium	-	406-064	406-059	406-065

#### G Modules

(twin wing bracket)



- **Not Made With Natural Rubber Latex**

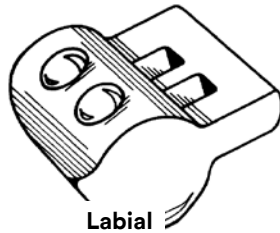
- White opaque
- Cement guard for bracket
- Protects tissues from irritation on non-engaged bracket

• 1,000/pk

406-041

## Rotation Wedge Action Line EZ3 Holder

### Rotation Wedge



**• 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**

## People Pack Intraoral Elastics












### People Pack Intraoral Elastics

- **Made With Natural Rubber Latex**

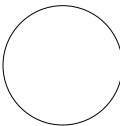
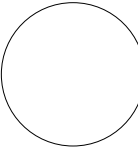


- **Coated With Cornstarch**

- Precision-cut, surgical-grade latex
- Consistent range and force
- No color additives
- Time and cost effective – no need to count, separate, and repackage
- Easy, positive identification

- Size and force rating are easily identified
- Cross indexed by color and symbol
- Easy to dispense – prepackaged in quantities of 100/pk
- Stay fresh longer polyethylene packet has an inter-locking zip seal
- Patient pack illustration allows written directions on surface

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)
Force Rating*		Pkg. Code	Purple	Green	Pack Color Red	Blue	Orange
Light	2 oz. (56.7 g)		Carlos <b>404-116</b>	Pete <b>404-126</b>	Gary <b>404-136</b>	Greg <b>404-146</b>	Tom <b>404-156</b>
Medium-light	3 1/2 oz. (99.2 g)		Dave <b>404-216</b>	Dwight <b>404-226</b>	Chuck <b>404-236</b>	Cliff <b>404-246</b>	Will <b>404-256</b>
Medium	4 oz. (113.4 g)		Cathy <b>404-516</b>	Bill <b>404-526</b>	Elliot <b>404-536</b>	Louie <b>404-546</b>	Joe <b>404-556</b>
Medium-heavy	5 1/2 oz. (155.9 g)		-	Ken <b>404-426</b>	-	-	-
Heavy	6 oz. (170.1 g)		Debbie <b>404-616</b>	Bummer <b>404-626</b>	Fred <b>404-636</b>	Roger <b>404-646</b>	George <b>404-656</b>
Extra-heavy	8 oz. (226.8 g)		Gloria <b>404-716</b>	Roberto <b>404-726</b>	Fran <b>404-736</b>	Anna <b>404-746</b>	John <b>404-756</b>

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

Sizes (I.D.) (Slack Diameters)				
			5/8 in. (16 mm)	3/4 in. (19 mm)
Force Rating*		Pkg. Code	Aqua	Yellow
Light	2 oz. (56.7 g)		Andy <b>404-166</b>	Ernie <b>404-176</b>
Medium-light	3 1/2 oz. (99.2 g)		Paul <b>404-266</b>	Hal <b>404-276</b>

\* 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

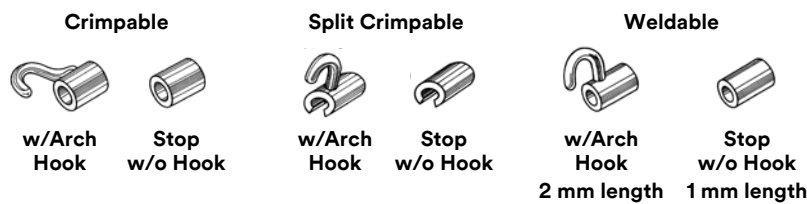
- Medium hard temper
- One or two welds to permanently anchor
- .006 in. (.15 mm) wall
- Choice of two lengths: Round 2 mm or 1 mm; Rectangular 2 mm
- Use with extraoral headgear

### Adjustable Sliding Yoke



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

#### To Fit Round Wire



Inches	(mm)	Crimpable		Split Crimpable		Weldable	
		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)	-	515-772	-	-	532-172	513-171
.051	(1.30)	-	-	-	-	-	513-181

#### To Fit Rectangular Wire

##### Crimpable

Inches	(mm)	Wall Thickness		w/ Extraoral Hook .025 in. (.64 mm)	w/Arch Hook	Stop w/o Hook
		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	



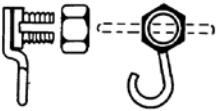
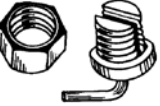


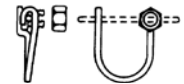

##### Weldable

Inches	(mm)				
.016 x .026	(.41 x .66)		531-120	-	-
.018 x .028	(.46 x .71)		531-110	530-110	-

## Gurin Auxiliaries

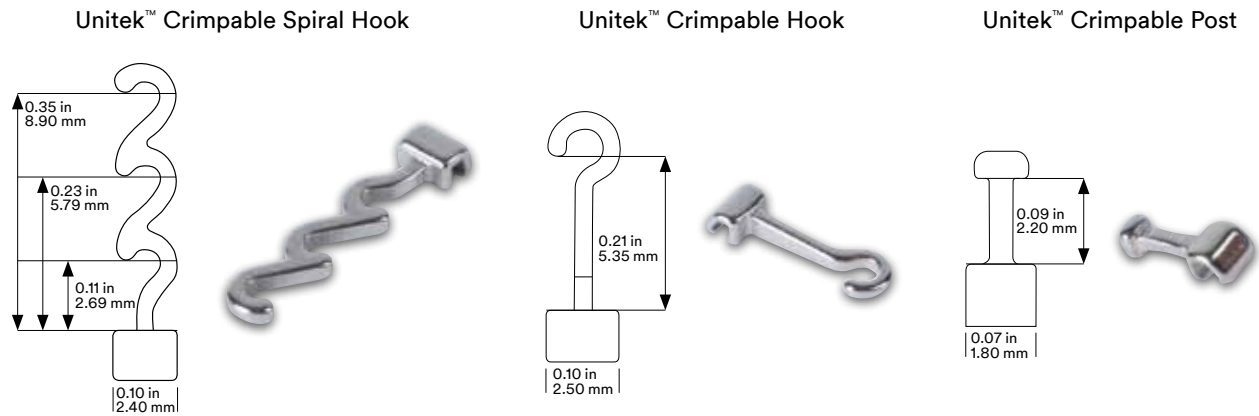
### Gurin Auxiliaries

- 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
<b>Locks</b>	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
						
<b>Nuts</b>	For replacement	-	561-100	561-200	-	561-400
						
<b>Intraoral Hooks</b>	For elastics	R	563-101	563-201	-	563-401
		L	563-102	563-202	-	563-402
						
<b>Extraoral Hooks</b>	For extraoral traction	R	-	562-101	-	-
		L	-	562-102	-	-
						
<b>Loop Springs</b>	For individual tooth movement as a push or pull spring	R	-	566-201	-	-
		L	-	566-202	-	-
						
<b>Finger Springs</b>	For individual tooth movement - banded or unbanded	-	-	565-200	-	-
						
<b>Retraction Loops</b>	Eliminates need to bend retraction loop in archwire	R	-	564-101	-	-
		L	-	564-102	-	-
						
<b>Gurin Lock Wrenches</b>	<ul style="list-style-type: none"> <li>• For tightening hexagon head lock nuts on Gurin auxiliaries</li> <li>• Machined from stainless steel</li> <li>• Has a knurled grasp</li> </ul>			810-001 For extra-small and small lock nuts		
				810-002 For medium and large lock nuts		

# Unitek™ Crimpable Auxiliaries Nitinol Coil Springs

## Unitek Crimpable Auxiliaries



Images based on .022 design, not proportional.

- Designed not to slip at an applied load of 225 g
- Made of Stainless Steel
- Bendable at 45 degrees and then back to neutral position

Unitek Crimpable Auxiliaries	L/R	.018 in.	.022 in.
Unitek Crimpable Spiral Hook	L	532-222	532-322
	R	532-232	532-332
Unitek Crimpable Hook	L	532-242	532-342
	R	532-252	532-352
Unitek Crimpable Post	L/R	532-262	532-362

Unitek Crimpable Auxiliaries are sold in packs of 10. See section 12 for Unitek™ Crimpable Hook Pliers REF 804-173.

## Nitinol Coil Springs

### Nitinol Open Coil Springs

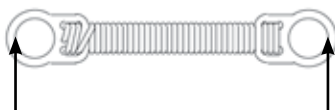
Length 7" (175 mm)  
Packaged 3 per tube  
Available in three forces



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.



9 mm  
or  
12 mm

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.

## Retraction Springs

### Hi-T II Coil Springs

- 3 ft. (.91 mm) 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

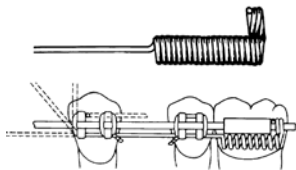
### Rotation Springs

#### 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

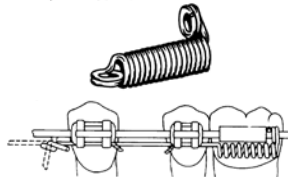
Free end is straight length extending from last helix



Ligature

#### Looped T Spring

Incorporate a mesial loop for attachment of ligature wire

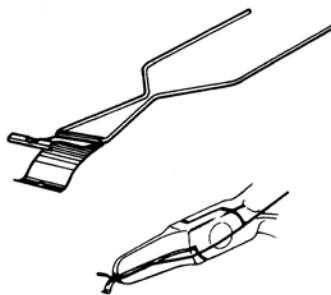


Ligature

10/pk

Wire Size		Arbor Size		Standard T Spring	Looped T Spring
Inches	(mm)	Inches	(mm)		
.009	(.23)	.030	(.76)	<b>342-430</b>	<b>343-430</b>
		.036	(.91)	<b>342-450</b>	<b>343-450</b>
.011	(.28)	.030	(.76)	<b>342-630</b>	<b>343-630</b>
.012	(.30)	.030	(.76)	<b>342-730</b>	<b>343-730</b>
		.036	(.91)	<b>342-750</b>	<b>343-750</b>

## 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

## Unitek™ MIA Mobile Interarch System

### Unitek MIA Quad Helix

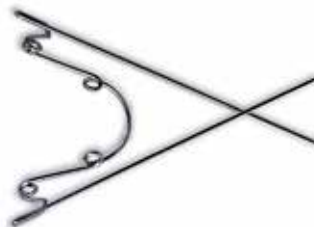
MIA (Mobile Intraoral Arch) is a palatal and lingual appliance. Combining the efficiency of the Quad Helix appliance with the advantage of easy removal and reinsertion, allows greater flexibility and control during treatment. Available in various preformed sizes with straight or curved retention sheaths.

#### MIA Curved Lingual Sheath

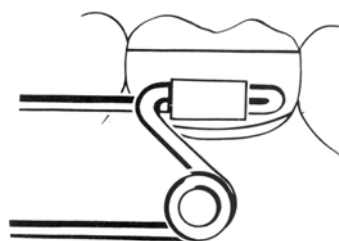
080-810 10/pk

#### MIA Straight Lingual Sheath

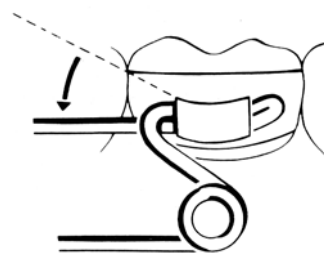
080-211 10/pk



Arch	Retention	Size	Part Number	Quantity
Maxillary	Curved	1	340-001	5/pk
Maxillary	Curved	2	340-002	5/pk
Maxillary	Curved	3	340-003	5/pk
Maxillary	Straight	1	340-006	5/pk
Maxillary	Straight	2	340-007	5/pk
Maxillary	Straight	3	340-008	5/pk
Maxillary	Straight	4	340-009	5/pk
Mandibular	Curved	1	340-011	5/pk
Mandibular	Curved	2	340-012	5/pk
Mandibular	Curved	3	340-013	5/pk



Straight



Curved

## 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 ¼	314-118	314-218
60	2.36	2 ⅜	314-119	314-219
64	2.50	2 ½	314-120	314-220
67	2.63	2 ⅝	314-121	314-221
70	2.75	2 ¾	314-122	314-222
73	2.87	2 ⅞	314-123	314-223
76	3.00	3	314-124	314-224
79	3.11	3 ⅛	314-125	314-225
83	3.25	3 ¼	314-126	314-226
86	3.38	3 ⅜	314-127	314-227
89	3.50	3 ½	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



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

#### 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

## Expansion Screws

### Expansion Screws

- Indications:
  - Cleft palate
  - Maxillary arch discrepancies
- Most have double guide pins for linear movement
- Single guide pin narrow body configuration available for partial quadrant and expansions
- Includes adjustment key with each assembly

	Guide Pins	Elongation (mm)	Overall Dimensions (mm)			Order No.
			Length	Width	Thickness	
 Springless – standard	2	6	14	7.5	3.4	440-146
 Springless – standard	2	7	14	10	3.2	440-301
 Springless – extra small	2	4	10	7.5	3.2	440-303

<b>3M™ Vanish™ 5% Sodium Fluoride White Varnish..</b>	<b>10.2</b>
<b>3M™ Clinpro™ 5000 1.1% Sodium Fluoride Anti-Cavity Toothpaste.....</b>	<b>10.3</b>
<b>3M™ Vanish™ XT Extended Contact Varnish .....</b>	<b>10.4</b>
<b>3M™ PerioMed™ 0.63% Stannous Fluoride Oral Rinse Concentrate .....</b>	<b>10.5</b>

## 3M™ Vanish™ 5% Sodium Fluoride White Varnish

Orthodontic patients may find it difficult to clean around brackets as thoroughly as needed, which can leave them more vulnerable to problems. Fortunately, 3M has a simple solution: Vanish White Varnish with Tri-Calcium Phosphate (TCP). TCP is a proprietary formula that contains fluoride, calcium and phosphate – components naturally found in saliva. The varnish remains fluid longer and continues to flow across tooth surfaces, penetrating hard-to-reach places, including interproximal areas and around brackets.

### Indications:

- Indicated for treatment of sensitivity

### Product Benefits:

- The #1-selling fluoride varnish in the U.S.
- Contains 22,600 ppm of fluoride and TCP, an exclusive calcium & phosphate ingredient
- Takes just seconds to apply and goes on white so it's virtually invisible
- Can be applied if plaque is present
- No need to dry teeth prior to application
- Patients can eat and drink following application
- Sweetened with Xylitol
- Cherry, Melon and Mint flavors

### Item No. Product Information

#### 3M Vanish 5% Sodium Fluoride White Varnish – 50 Pack

Each 50 pack includes: 50 unit-dose packets (0.5ml each) of one flavor and applicator brushes in individual foil pouches

12159C Cherry Flavor

12159L Melon Flavor

12159M Mint Flavor

#### 3M Vanish 5% Sodium Fluoride White Varnish – 100 Pack

Each 100 pack includes: 100 unit-dose packets of one flavor; 100 applicator brushes

12160C Cherry Flavor

12160L Melon Flavor

12160M Mint Flavor



## 3M™ 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 3M.

### Indications:

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

### Item No. Product Information

12135	3M Clinpro 5000 1.1% Sodium Fluoride Anti-Cavity Toothpaste Vanilla Mint Flavor – 4 oz tube
12135SM	3M Clinpro 5000 1.1% Sodium Fluoride Anti-Cavity Toothpaste Spearmint Flavor – 4 oz tube

### 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 and Spearmint flavors

\*Data on file



## 3M™ 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

**12158** 3M Vanish XT Extended Contact Varnish  
1 – 10g 3M™ 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 3M™ Clinpro™ 5000 1.1% Sodium Fluoride Anti-Cavity Toothpaste



## 3M™ PerioMed™ 0.63% Stannous Fluoride Oral Rinse Concentrate

PerioMed™ oral rinse concentrate offers proven protection against gum disease, tooth decay and painful tooth sensitivity. It can be used for long-term gingival maintenance therapy and works to help control plaque bacteria on the teeth.

### Indications:

- Dental caries prevention
- Control of hypersensitivity
- Control of gingival inflammation

Item No. Product Information

**12125M 3M PerioMed 0.63% Stannous Fluoride Oral Rinse Concentrate**  
Mint Flavor – 10 oz bottle with pump (24 bottles/case)

### Product Benefits:

- Fights gum disease and tooth decay
- Controls plaque bacteria
- Protects against painful tooth sensitivity
- Provides protection that lasts for up to 8 hours
- Second-generation antimicrobial
- Non-alcohol formula
- Costs about the same as the leading OTC mouthwashes
- Mint flavor

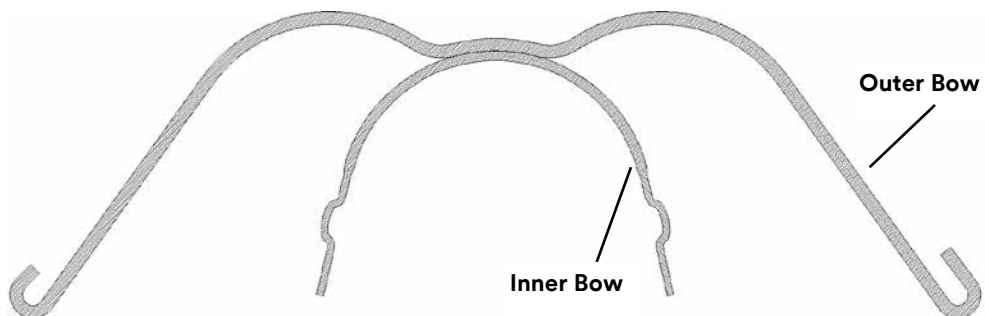




<b>Series 5 Facebows.....</b>	<b>11.2</b>
<b>Friction-Stop Adjustable Facebows.....</b>	<b>11.5</b>
<b>Facebow Accessories.....</b>	<b>11.5</b>
<b>Traction Release™ Headgear.....</b>	<b>11.6</b>
<b>NWO™ Snap-Way™ System.....</b>	<b>11.8</b>

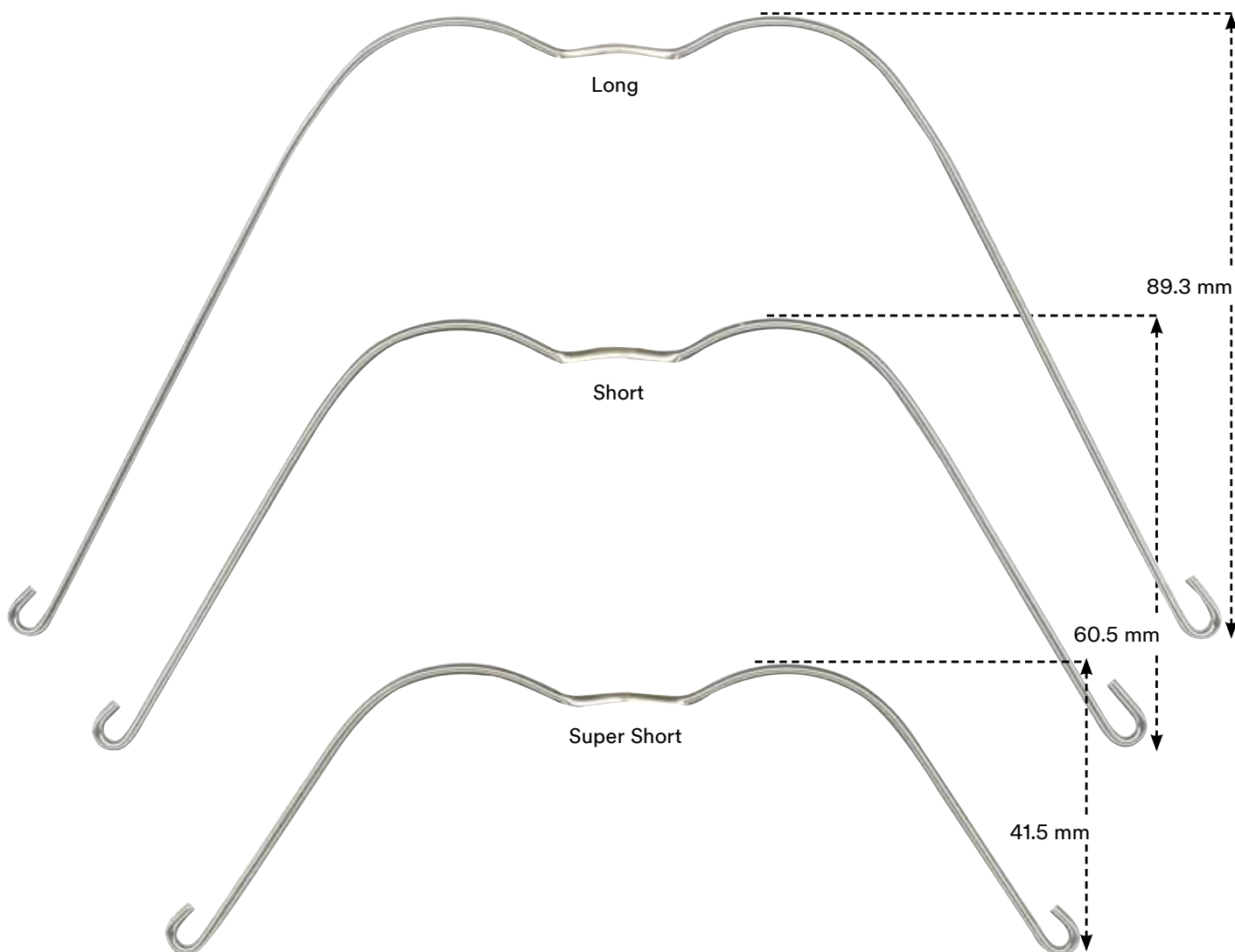
### Series 5 Facebows

Typical Facebow Assembly



#### Outer Bows

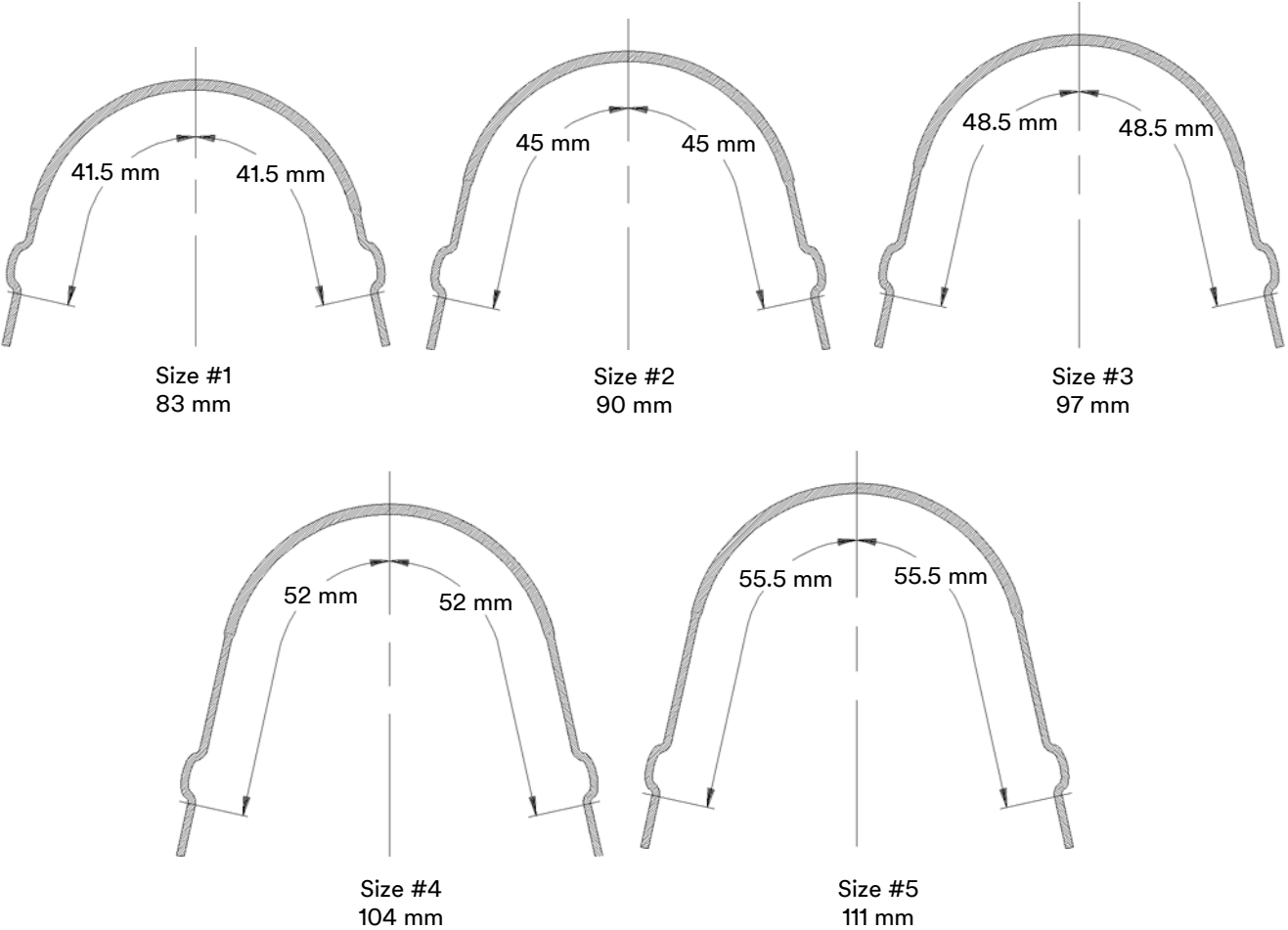
- Right outer loop is larger for ease or orientation
- Outer loops are bent outward (standard) or upward (on request)
- Outer bow facially is contoured for increased strength



# 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

## 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 Size	Inner Bow (mm)	Outer Bow Short	
			Occlusal Ang.	Gingival Ang.
.045	1	83	328-214	328-215
.045	3	97	-	328-235
.045	4	104	328-244	328-245
.045	5	111	328-254	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

# Facebows

## 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	320-511	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
- 706-003** Red, 10/pk  
**706-004** Blue, 10/pk

## Traction Release™ Cervical Headgear

- Safety release reduces “sling-shot” hazard
- Clips automatically release when pulled with excessive force
- Easy reassembly
- Inner steel coil springs provide consistent traction force
- Color coded straps identify module force levels
- Washable 100% cotton pads and headstraps
- Cervical and high-pull systems
- Pads and modules sold separately

### Traction Release™ Cervical Headgear Neckpads

- Cervical Headgear Neckpads contain synthetic latex foam liner.



Pads	Size		Denim Blue	Khaki	Black	Multi-Print	Package
	Inches	cm					
Small	6 1/4	15.3	414-069	414-072	414-075	414-078	10/pk
Medium	6 3/4	17.2	414-070	414-073	414-076	414-079	10/pk
Large	7 1/4	18.3	414-071	414-074	414-077	414-080	10/pk
Medium	6 3/4	17.2	414-081	-	-	414-082	30/pk

Bulk Pack

### Traction Release™ Cervical Headgear Release Modules

- Headgear Release Modules not made with natural rubber latex.



Force	@ 50% Extension		Module Color	Part Number	Package
	oz.	gm			
Light	13	368	Natural	415-007	10/pk (5 pair)
Medium	18	510	White	415-008	10/pk (5 pair)
Heavy	26	737	Gray	415-009	10/pk (5 pair)
Medium	18	510	White	415-064	60/pk (30 pair)
C-Clip Replacements				415-061	60 clips

Bulk Pack

### Traction Release™ Cervical Headgear Kits

- Cervical Headgear Neckpads contain synthetic foam liner.



One Case Kit

	Part Number	Cervical Pads						Release Modules		
		Denim Blue			Multi-Print			Light	Medium	Heavy
		Sml	Med	Lrg	Sml	Med	Lrg			
1 Case Kit	415-051	-	1	-	-	-	-	2	-	
10 Case Medium Kit	415-050	1	3	1	1	3	1	-	20	-
10 Case Assorted Kit	415-049	1	3	1	1	3	1	2	12	6

# Traction Release™ High-Pull Headgear

## Traction Release™ High-Pull Headgear Headcaps



Caps	Denim Blue	Khaki	Black	Multi-Print
Small	415-035	415-037	415-039	415-041
Large	415-036	415-038	415-040	415-042
Small (15)/Large (15)	415-067	-	-	415-068

Bulk Pack

## Traction Release™ High-Pull Headgear Release Modules

• Headgear Release Modules not made with natural rubber latex.



Force	@ 50% Extension oz.	gm	Module Color	Part Number	Package
Light	12	340	Natural	415-017	10/pk (5 pair)
Medium	15	425	White	415-018	10/pk (5 pair)
Heavy	23	652	Gray	415-019	10/pk (5 pair)
Medium	15	425	White	415-069	60/pk (30 pair)
C-Clip Replacements				415-072	60/pk

Bulk Pack

## Traction Release™ High-Pull Headgear Kits



		High-Pull Headcaps				Release Modules		
		Denim Blue		Multi-Print		Light	Medium	Heavy
		Sml	Lrg	Sml	Lrg			
1 Case Kit	415-060	-	1	-	-	2	-	
8 Case Medium Kit	415-059	2	2	2	2	16	-	
8 Case Assorted Kit	415-058	2	2	2	2	6	4	

## NWO™ Snap-Way™ System

### NWO™ Snap-Way™ System

- Designed to reduce the risk of injury should the facebow be accidentally or improperly removed
- Combines a travel limiter and a pre-set disconnect to provide the safest possible treatment
- All force modules feature precise calibrated force adjustment for controlled treatment
- Washable 100% cotton pads and headstraps for maximum patient comfort

### NWO™ Snap-Way™ Cervical Headgear Neckpads

- Cervical Headgear Neckpads contain synthetic latex foam liner.

Size		Denim Blue	Multi-Print	Quantity
Inches	cm			
6	15.3	444-800	444-806	10/pk
7	18.0	444-801	444-807	10/pk

### NWO™ Snap-Way™ Cervical Headgear Release Modules

- Headgear Release Modules not made with natural rubber latex.

Force		Part Number	Quantity
oz.	gm		
10-22	283-623	444-808	20/pk
16-32	453-907	444-809	20/pk



### NWO™ Snap-Way™ Cervical Headgear 1 Case Kit

- Cervical Headgear Neckpads contain synthetic latex foam liner.
- Release Modules not made with natural rubber latex.

Size		Force		Denim Blue
Inches	cm	oz.	gm	
7	15.3	16-32	453-907	444-818

### NWO™ Snap-Way™ High-Pull Headgear Headcaps

Denim		Multi-Print	Quantity
Blue	Black		
444-814	444-816	444-817	1/pk

### NWO™ Snap-Way™ High-Pull Headgear Release Modules

- Headgear Release Modules not made with natural rubber latex.

Force		Part Number	Quantity
oz.	gm		
10-22	283-623	444-822	2/pk
16-32	453-907	444-823	2/pk



<b>3M™ Unitek™ Prestige Series Pliers.....</b>	<b>12.2</b>
<b>3M™ Unitek™ Prestige Series Cutters .....</b>	<b>12.3</b>
<b>3M™ Unitek™ Orthodontic Hand Instruments .....</b>	<b>12.4</b>
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**Refer to Section 14 for Warranty Information**

## Unitek™ Prestige Series Pliers



### 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.

See **801-700** Unitek™ Weingart Utility Pliers



### 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**

See **801-701** Unitek™ How Utility Pliers



### 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.**

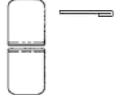
**900-703**



### 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**



See **801-709** Unitek™ Bird Beak Pliers



### Band Seating Pliers

Square, tapered, serrated tips grip prewelded bracket wings securely while fitting bands.

**900-711**



### Band Removing Pliers

(Short Beak)

Short, chisel-tip beak catches gingival edge of band. Counterforce on occlusal provided by plastic padded tip.

**900-712**

**900-714** 4 Replacement Pads, 3/16 in. (4.8 mm)

**900-715** 4 Replacement Pads, 1/4 in. (6.3 mm)



### 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**

## Unitek™ Prestige Series 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.

## Unitek™ Orthodontic Hand Instruments



### Unitek™ Weingart Utility Pliers


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

801-700 



### Unitek™ How Utility Pliers

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

801-701 



### Unitek™ Three-Jaw Wire Bending Pliers

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

801-705   



### Unitek™ 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.

801-707  



### Unitek™ Bird Beak Pliers


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

801-709    



### Unitek™ Posterior Band Removing Pliers


Long, narrow chisel-tip beak facilitates posterior band removal. Replaceable occlusal pad.

801-713  
Replacement Pads 5 mm 4/pk   
801-714



### Unitek™ Bond Removing Pliers

Designed for removal of bonding materials and composite. Replaceable occlusal pad and double-ended blade.

801-717 

Replacement Blade

801-718

Replacement Pads 6 mm 4/pk

801-719



### Unitek™ Tweed Loop Forming Pliers


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

801-720  



### Unitek™ Arch Bending Pliers

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

801-721 

## Unitek™ Orthodontic Hand Instruments Fixed Appliance Removing Instruments



### Unitek™ Crimpable Hook Pliers

Designed to provide maximum convenience and assured placement of Unitek Crimpable Auxiliaries on the archwire. With the combination of tip, joint and handle designs, these pliers offer optimal leverage to secure the crimps, with limited force required.  
**804-173**



### Unitek™ Universal Separating Pliers

Lightweight stainless steel pliers provide easy access to difficult-to-reach areas. Features spring-back action.  
**801-734**



### Unitek™ Convertible Cap Removing Pliers

Precision pliers use reciprocal action to shear off the temporary cap of a convertible first molar tube.  
**801-035**  
Replacement Tips 5/pk  
**801-036**



### Debracketing Instrument

Place the wire over any tie-wing, position the instrument to straddle the bracket, lightly squeeze until both contact surfaces rest evenly on the tooth surface then squeeze slightly harder until the bracket lifts off. Kit includes replacement wire, allen wrench, and debracketing instrument.  
**444-761** Instrument kit

**444-766** Replacement wires for full size brackets

**444-767** Allen wrench and replacement wires

**444-780** Replacement wires for miniature brackets



### Unitek™ Debonding Instrument

Debonding tool designed for the removal of traditional Non Self-Ligating 3M Metal and Ceramic Bracket Systems. The positioning ledge is not used in debonding metal brackets; refer to the Unitek Debonding Instrument Technique Guide for additional information.  
**900-850C**

## Self-Ligating Bracket Instruments

**C L A R I T Y™ | S L**  
SELF-LIGATING APPLIANCE SYSTEM

**SMARTCLIP™ SL3**  
SELF-LIGATING APPLIANCE SYSTEM



### 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.

**804-160C**

**804-161** Slide Reorder Pack

**804-162** Hook Insert Replacement



### SmartClip™ Appliance Wire Insertion Instrument

Using the single tip on one end or the double tip on the other end, archwires are engaged into Clarity SL Self-Ligating Brackets or SmartClip Self-Ligating Brackets with a roll of the hand.

**804-152** .022 Bracket Instrument

**804-153** .018 Bracket Instrument



### Unitek™ Self-Ligating Bracket Debonding Instrument

Distinguished debonding tool designed for the 3M Self-Ligating Bracket System: Clarity SL Self-Ligating Brackets and SmartClip Self-Ligating Brackets. Also recommended for Clarity™ ADVANCED Ceramic Brackets. May be used with or without the archwire engaged in the bracket slot.

**804-170C**



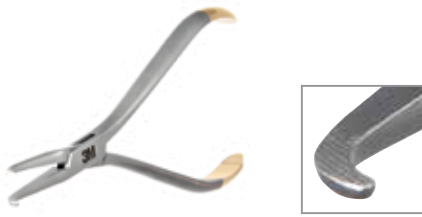
### Unitek™ Bracket Placement Instrument

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**

## Unitek™ Lingual Instruments

**Incognito™**  
Appliance System



### Unitek™ 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.

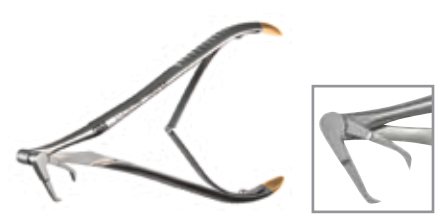
**803-530**



### Unitek™ 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**



### Unitek™ 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.

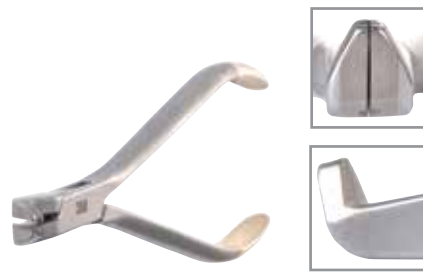
**803-532**



### Unitek™ 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**



### Unitek™ 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**



### Unitek™ 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**

**Unitek™ Lingual Instruments**

**Unitek™ 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


**Unitek™ Lingual Straight Ligature Cutter**

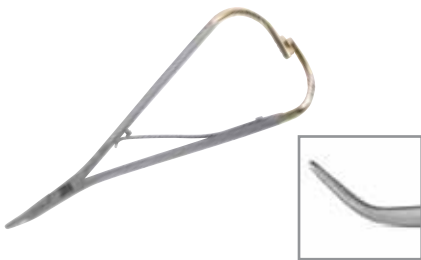
Light duty cutter specifically for soft wires and elastics. Small and narrow in design, the sharp pointed tips can reach into tight and difficult to reach areas. Tips are made of Tungsten Carbide for durability.

**Maximum wire cutting capacity:**  
 .012" (.30 mm)  
 803-553


**Unitek™ Lingual Straight Mathieu Pliers**

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

**803-570**


**Unitek™ Lingual Curved Mathieu Pliers**

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

**803-571**


**Unitek™ Lingual Bracket Placement Tweezer**

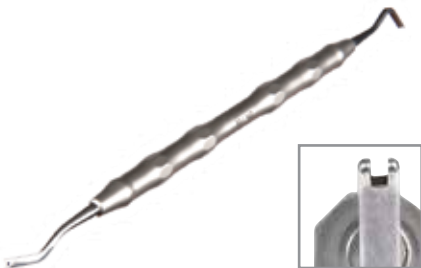
A reverse action instrument used for the placement of lingual brackets, bondable tubes and attachments. The curved design allows easier viewing of the placement area.

**803-572**


**Unitek™ Lingual Straight Mosquito Forceps**

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

**803-573**


**Unitek™ Lingual Director**

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

**803-580**


**Unitek™ Lingual Short Probe**

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

**803-581**

## Unitek™ Positioning Instruments

### Boone Bracket Positioning Gauge

Flat surface of stainless steel gauges are placed on incisal/occlusal surface of teeth. Fixed-pin scribes mark bracket height positions of 3.5 mm, 4 mm, 4.5 mm, and 5 mm.

**807-002**



**MBT™**  
Versatile+ Appliance System



### Unitek™ 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)

## 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



### Standard Mosquito Forceps

Stainless steel, latching-type forceps, useful for placing AlastiK Force Modules.  
500-235

## 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, cobalt-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**

**Cotton Pliers**

Multi-purpose instrument made from hard chrome-plated surgical steel. Two styles are available: one featuring straight handles and offset tips, and the other featuring slightly counter-curved handles proximal to the offset tips. Both styles have serrated tips.

**100-954** Straight

**100-951** Curved

**No. 5 Front-Surface Mouth Mirror**

Single-ended instrument featuring an autoclavable, replaceable mirror head.

**900-823**

**900-824** Replacement head for No. 5 mouth mirror

**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**

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## APC™ Adhesive Coated Appliance System Accessories

**APC™ Flash-Free**  
Adhesive Coated Appliance System

**APC™ PLUS**  
Adhesive Coated Appliance System

**APC™ II**  
Adhesive Coated Appliance System



**APC™ Inventory Dispensing System Two Drawer Set**  
(Brackets sold separately)  
2600-021



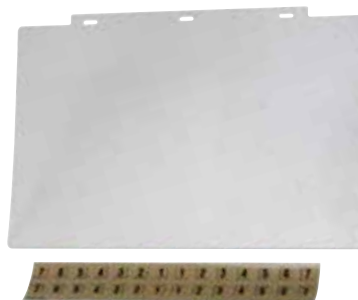
**APC Inventory Dispensing System Drop-in Organizer Tray**  
2600-007



**APC Inventory Dispensing System Back-Up Storage Units 7 × 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 × 7**  
(Brackets sold separately)  
2600-005

3MMarketingSource.com

# Practice Marketing

Go to [www.3MMarketingSource.com](http://www.3MMarketingSource.com)\*

Promote the value of a beautiful smile and you will quickly separate and elevate your practice while attracting new patients.

We've made it simple by creating a rich repository of marketing materials ready to be customized for your practice.

If you need help with exceptional graphic design and printing services—no problem at all. It is all here on “the Source,” including marketing guides to assist you.

- Images
- Framed Posters
- Promotional items
- Brochures
- Postcards
- Direct mail pieces
- Advertisements
- Invitations
- And more
- Banners
- Pop-Up Banners

**CLARITY™ | ADVANCED**  
advanced ceramic brackets

**APC™**  
Adhesive Coated  
Appliance System

**Incognito™**  
Hidden Braces

**SMARTCLIP™ | SL3**  
SELF-LIGATING APPLIANCE SYSTEM

**FORSUS™**  
Class II Correctors

“the 3M Marketing Source  
**source**”

## Posters



## Pop-Ups



## Direct Mail



\*U.S. only

## Typodonts

Our high-quality practice enhancement typodonts include:

### Esthetics

Clarity™ ADVANCED Ceramic Brackets and Stand	600-236
Clarity™ SL Self-Ligating Brackets Upper / Lower	600-235
Incognito™ Appliance System	358-100
Incognito™ Appliance System – Full Premium	358-187
Incognito™ Appliance System – Full Show with Display Box	358-189
Incognito™ Appliance System – Full Show	358-188
Incognito™ Appliance System – Lite Show with Display Box	358-191
Incognito™ Appliance System – Lite Show	358-190
Incognito™ Appliance System Display Box	358-186



### Metal

Mini Uni-Twin™ Brackets	600-215
SmartClip™ SL3 Self-Ligating Brackets	600-221
Unitek™ Miniature Twin Brackets	600-213
Unitek™ Miniature Twin V-Slot Brackets	600-214
Victory Series™ Active Self-Ligating Brackets	600-241
Victory Series™ Brackets Alexander* Rx	600-212
Victory Series™ Low Profile Brackets	600-224
Victory Series™ Brackets MBT™ Appliance System	600-211
Victory Series™ Brackets Sondhi Rx	600-219
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 SL Self-Ligating Bracket Upper with SmartClip SL3 Self-Ligating Bracket Lower	600-229
Clarity ADVANCED Upper with Victory Series Low Profile Lower	600-240
Typodont Replacement Hinges	600-209



\*3M version of this prescription. No endorsement by the Doctor is implied.

## Retainer 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

10 each, all colors except hot red and hot yellow

**450-122** 100/pk

Sampler - 10 each, all colors except black and purple

**450-120** 100/pk

Standard - 20 each, ivory, yellow, red, green, blue

**450-010** 100/pk

Neon - 20 each, hot colors

**450-110** 100/pk

### Rectangular Retainer Boxes

Constructed from opaque plastic, upper and lower sections are hinged and latchable. Compact size, yet large enough to accommodate two retainers.

**452-001** 100/pk

### Individual Retainer Cases

(10/pk)

Ivory **450-003**

Yellow **450-004**

Red **450-005**

Green **450-006**

Blue **450-007**

Purple **450-008**

Black **450-009**

Hot Pink **450-103**

Hot Orange **450-104**

Hot Yellow **450-105**

Hot Green **450-106**

Hot Red **450-107**



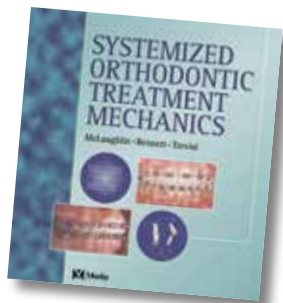
## MBT™ Versatile+ Appliance System Book

### SmartClip™ Self-Ligating Appliance System Book

### State-Of-The-Art Orthodontics Book

#### “Systemized Orthodontic Treatment Mechanics”

Systemized Orthodontic Treatment Mechanics from Drs. McLaughlin, Bennett and Trevisi will be of great interest to orthodontists worldwide, and in particular, to MBT™ Versatile+ Appliance System users.



This book provides the clinical orthodontist with an accessible and practical guide to the MBT System treatment philosophy. It brings together the four components which make up modern treatment mechanics: Bracket Design, Bracket Positioning, Archwire Selection and Force Levels.

**014-436** (English)

**014-450** (Spanish)

#### “SmartClip™ Self-Ligating Appliance System – Concept and Biomechanics”

In a Foreword to this text authored by Dr. Hugo Trevisi, Dr. Richard McLaughlin states: “This impressive text is a comprehensive presentation of his [Dr. Trevisi’s] work and his successful integration of the MBT [Versatile+ Appliance] System approach with self-ligating mechanics. The results are excellent.”

Extensively illustrated including case presentations, the more than 250 page text includes an historical overview of orthodontic fixed appliances, discussion of the integration of the SmartClip Appliance System and the MBT Versatile+ Appliance System, Customized Bracket Positioning, Sliding Mechanics and Occlusion in Orthodontics.

**014-508** (English)



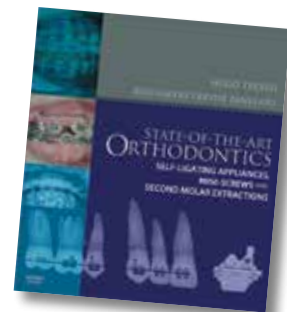
#### “State-Of-The-Art Orthodontics: Self-Ligating Appliances, Mini-Screws and Second Molar Extractions”

The use of esthetic, low-friction orthodontic appliances and orthodontic miniscrews allows fast and efficient treatment with a reduced risk of the side effects of conventional orthodontic mechanics and tissue damage caused by the orthodontic tooth movement.

These appliances also address the issue of lack of cooperation on the part of patients with regard to use of headgear and other traditional intraoral anchorage devices, when treating Class II and Class III malocclusions or severe crowding.

This text, by Drs. Hugo Trevisi and Reginaldo Zanelato, emphasizes the importance of facial esthetics during orthodontic treatment. It describes intraoral anchorage systems that help eliminate the requirement for headgear and also diagnosis, treatment planning and orthodontic biomechanics with second molar extractions.

**014-534** (English)



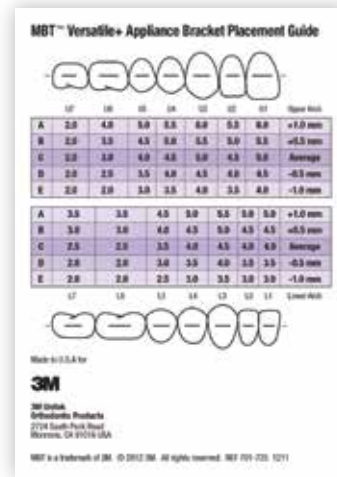
## Arch Symmetry Aids Banding Accessories



**Diagnosis OrthoForm™ Arch Form Templates**  
Clear templates for overlay on patient model.  
701-723 (3) in package



**Operatory OrthoForm Arch Form Templates**  
White templates for chairside use.  
701-724 (3) in package



**MBT™ Versatile+ Appliance System  
Bracket Positioning Guide**  
701-725



### Arch-Marking Pencil Kit

- Wax-type pencil, 6 per box
  - Wet-dry marker
  - Includes sharpener
- 603-026



### Cement Guard

Serves a three-fold purpose:

- Coat band attachments prior to cementation to prevent clogging of bracket slots, tie wings, tube openings, and lingual attachments
- After banding patient, coat appliance to prevent tissue irritation
- As a “sticky wax” position attachments on bands before welding

Cement Guard is peppermint-flavored. Requires no heat. Packaged in adjustable, lipstick-type tube.

704-007 3/pk



### 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

### Special White Utility Wax

Wax stick measuring 6 in. (153 mm) long.

603-062 22/pk



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The Terms and Conditions of Sale apply to all products ordered from 3M Unitek Corporation.

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To facilitate filling your order, please be as specific as possible. Orders must specify product number, quantity desired and any descriptive information (e.g. size or color).

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Please consult our current price list or call our toll free number listed below. Policies and terms are subject to change without notice. Terms are net 30 days, except payment for the Incognito Appliance System is due at the time of the order.

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