

Ormco™

Your Practice. Our Priority.



PRODUCT CATALOG



MISSION

Together with visionary clinics, we use our most advanced technologies to offer innovative orthodontic solutions bringing high-quality results for patients. Educational programs and quality of service are the keys to our success.

Ormco Corporation, set up by Frank Miller in 1960, shook up the market with its pre-formed bands and pre-assembled brackets. Over the last 50 years, the company has introduced a number of notable "firsts", including direct bonding, rhomboid brackets, Copper Ni-Ti wires, TMA beta-titanium wires, Titanium-Othos brackets, Damon Clear, etc.

After pre-formed bands and pre-assembled brackets, Ormco moved on to develop a complete line of orthodontic products, including archwires, tubes, adhesives, instruments, temporary anchorage devices and other accessories such as aligners, and covering more than 20 different bracket systems, amongst them Inspire ICE, Mini-Twin, Mini-Diamond, and Straightwire Synthesis. Ormco is also a pioneer in 3D orthodontics with Insignia Advanced Smile Design, the orthodontic software with personalized brackets.

The Damon system, developed by Dr. Dwight Damon and Ormco, is one of the company's star products. It is made up of passive self-ligating brackets and high-technology archwires that work together to bring exceptional benefits for both orthodontists and patients. Treatment with the Damon system is minimally invasive. It has been evolving constantly since its creation, with 8 different Damon brackets, each better than the previous one.

At Ormco, building relationships is essential. Our company culture encourages all employees – from the sales force to product managers – to get to know their customers and find out their motivations and needs. This creates a daily learning process and enables us to gain precise information about how our products are used so that we can develop and enhance them further.

In line with the company's philosophy "YourPractice. OurPriority", we strive to innovate. Our priority is to constantly develop our products and services so that we can offer top quality while meeting the needs of clinicians and patients today.

At Ormco we also offer a wide range of training courses and seminars, with prestigious national and international speakers.

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DIGITAL SYSTEMS

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DIGITAL SYSTEMS

Insignia



INSIGNIA™

THE ALL-INCLUSIVE DIGITAL ORTHODONTIC PLATFORM FOR CUSTOM TREATMENT PLANNING

Insignia is an integrated system of 3D digital orthodontics with customizable appliances for an all-inclusive single patient solution. Insignia allows you to combine your treatment strategy with the precision of computer-aided smile design to give every patient an optimal occlusion and smile arc specifically proportioned to their unique facial features.

- ▶ Patient-specific bracket prescriptions built with the end-result in mind
- ▶ Customizable archwires with fully coordinated arch forms
- ▶ 3D printed placement jigs provide a direct view into indirect bonding
- ▶ Approval software puts control and precision in your hands
- ▶ DigiCast model provided



A culmination of decades of research and innovation, Insignia uses advanced algorithms in combination with unique dental anatomy to create a 3D virtual model of the patient's anatomy. With Insignia, you have full control of each case.

- ▶ User-friendly software to plan treatment and visualize the end result
- ▶ Time-consuming procedures (bracket bonding) may, when authorized, be administered by staff members allowing you to focus on diagnostics and treatment planning
- ▶ No start-up software, licensing or inventory costs
- ▶ View final smile design prior to treatment – a powerful consultation tool

Brackets

- ▶ Insignia SL Metal
- ▶ SL Ceramic
- ▶ InsigniaTwin Metal
- ▶ Inspire Ice



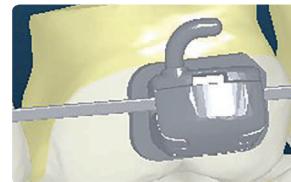
Wires

- ▶ CuNi-Ti
- ▶ Ni-Ti
- ▶ Stainless Steel
- ▶ TMA



Buccal Tubes

- ▶ Custom TIB Buccal Tube
- ▶ SnapLink
- ▶ Accent Mini



Placement JIGS

- ▶ 3D printed for each patient



DIGITAL SYSTEMS

Insignia

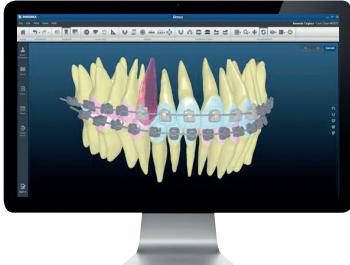
INSIGNIA APPROVER

Insignia's Approver software allows you to visualize and manipulate the key aspects of your straight-wire smile design that informs the final custom bracket Rx and position.



SEE MORE. KNOW MORE. PLAN BETTER.

Easy manipulation of the dentition and occlusion takes much of the guesswork out of treatment planning.



ACHIEVE COMPLETE 3D CONTROL

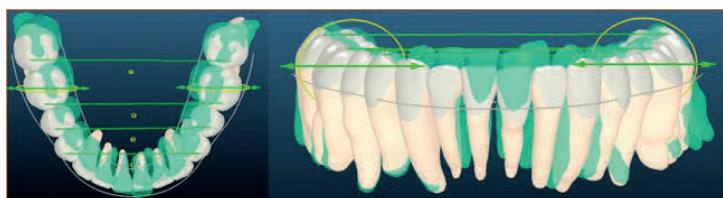
Dramatically* improved software flattens the learning curve and makes fine-tuning the final occlusion easier.

*Data on file



DIAL-IN AESTHETICS

Simple tools let you evaluate and design the smile arch, evaluate marginal ridges, interdigititation and contact points and more!



ARCHFORM/ POSTERIOR EXPANSION

- ▶ Occlusion
- ▶ Torque
- ▶ Smile Arch
- ▶ Superimposition & CBCT Roots

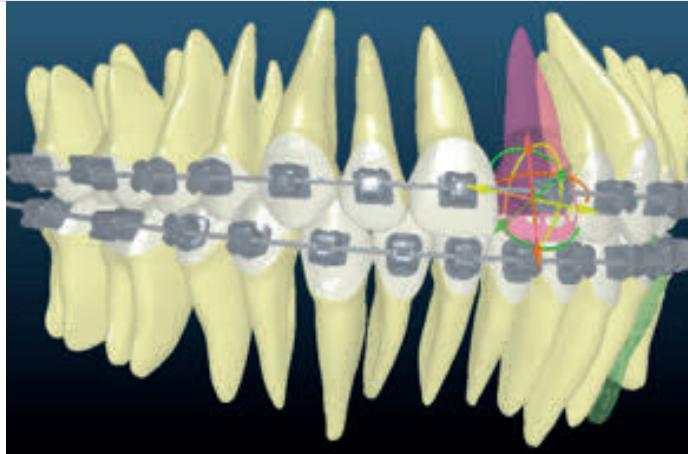
DIGITAL SYSTEMS

Insignia

TRUROOT DATA INTEGRATION WITH CBCT

The TruRoot™ feature combines CBCT root data with crown data from intraoral scanners or impressions for uncompromising accuracy in the representation of patients' roots positions.

- ▶ Low dose radiation scans are accepted
- ▶ DICOM files from all CBCT scanners are accepted

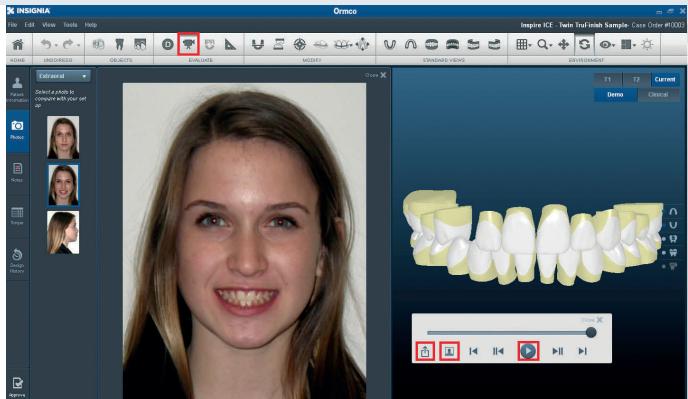


TRUFINISH

TruFinish is a tool within the movie feature. TruFinish shows the morphing of the teeth from T1 to T2 in the smiling picture of the patient.

Every change in the setup will reflect in the morphing in the smiling picture, realtime.

- ▶ Marketing & treatment planning tool
- ▶ A good initial smiling picture is key
- ▶ Sample case loaded in new Approver (class I Inspire ICE-Twin TruFinish)



IN SIGNIA AUXILIARY PRODUCTS

242-0050

Insignia SL 180° Bent Hook, 30 per pack

242-0060

Insignia SL 90° Bent Hook, 30 per pack

DIGITAL SYSTEMS

Memotain

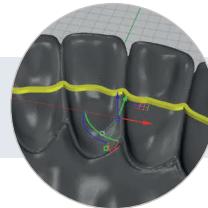


MEMOTAIN: CAD/CAM RETAINER

Memotain® is an **innovative, customized lingual retainer** utilizing the latest in CAD/CAM technology to offer the best fit and maximum comfort.

Memotain® is designed and made to fit **precisely** to the **unique anatomy** of every individual patient.

MEMOTAIN: PRODUCTION PROCESS



DIGITAL DESIGN



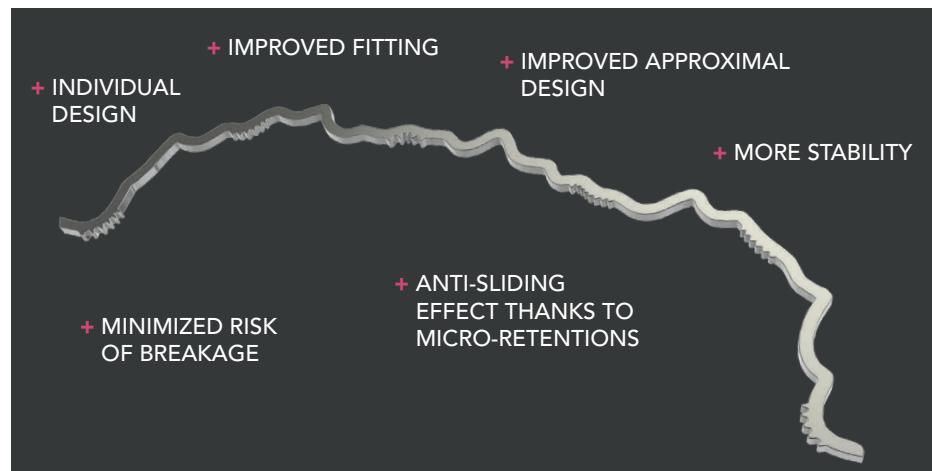
CUTTING



ELECTRO-POLISHING



- ▶ Niti® : Shape memory and **pseudoelastic** alloy providing a passive fit
- ▶ Utilizes .016 x .016 Nitinol® material benefiting from its **memory shape properties**.



Upper Retainer 2 - 2	728-1020
Upper Retainer 3 - 3	728-1030
Upper Retainer 4 - 4	728-1040
Upper Retainer 5 - 5	728-1050

Lower Retainer 2 - 2	728-1021
Lower Retainer 3 - 3	728-1031
Lower Retainer 4 - 4	728-1041
Lower Retainer 5 - 5	728-1051
Replacement Retainer	728-1000

BRACKETS

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BRACKETS

Prescriptions

PREScription ANALYZER

MAXILLARY ARCH	central		lateral		cupid		1st bicuspid		2nd bicuspid		1st molar			2nd molar		
TECHNIQUE	Torque	Ang.	Torque	Ang.	Torque	Ang.	Torque	Ang.	Torque	Ang.	Torque	Ang.	Distal Offset	Torque	Ang.	Distal Offset
Alexander Mini-Wick	+14	+5	+7	+8	-3	+10	-7	0	-7	0	-10	0	+10	-10	0	+6
Alexander Signature	+15	+5	+9	+9	-3	+10	-6	0	-8	+4	-10	0	+10	-10	0	+6
Andrews	+7	+5	+3	+9	-7	+11	-7	+2	-7	+2	-9	+5	+10	-9	+5	+10
Bioprogressive	+22	+5	+14	+8	+7	+7	0	0	0	0	-10	0	+12	-10	0	+6
Bios	+22	+5	+14	+9	+7	+10	-6	0	-8	+4	-10	0	+12	-10	0	+5
Damon Clear2 Standard	+2	+5	-5	+9	+7	+5	-11	+2	-11	+2						
Damon Clear2 High	+15	+5	+6	+9	+11	+5										
Damon Clear2 Low	+22	+5	+13	+9												
Damon Q Standard	+2	+5	-5	+9	+7	+5	-11	+2	-11	+2						
Damon Q High	+15	+5	+6	+9	+11	+5										
Damon Q Low	+22	+5	+13	+9												
Damon Q2 Standard	+12	+5	+8	+9	+7	+5	-11	+2	-11	+2	-18	0	+12	-27	0	+6
Damon Q2 High	+22	+5	+13	+9	+11	+5	-11	+2	-11	+2	-18	0	+12	-27	0	+6
Damon Q2 Low	+2	+5	-5	+9	-9	+5	-11	+2	-11	+2	-18	0	+12	-27	0	+6
Hilgers	+22	+5	+14	+8	+7	+10	-7	0	-7	0	-10	0	+15	-10	0	+5
Level Arch Modern	+14	+5	+7	+8	0	+10	-7	0	-7	0	-10	0	+10	-10	0	+12
MBT	+17	+4	+9	+8	0	+8	-7	0	-7	0	-14	0	+10	-14	0	+14
Orthos	+15	+5	+9	+9 CIS-4,5	-3	+10	-6	0	-8	+4	-10	0	+12	-10	0	+5
Orthos AP	+11	+4	+9	+6 CIS-3	0	+8 CIS-4	-2	+4	-3	+6	-10	0	+12	-10	0	+5
Roth	+12	+5	+8	+9	-2	+13	-7	0	-7	0	-14	0	+10	-14	0	+14

CIS / COMPENSATION IN SLOT

MANDIBULAR ARCH	central		lateral		cupid		1st bicuspid		2nd bicuspid		1st molar			2nd molar		
TECHNIQUE	Torque	Ang.	Torque	Ang.	Torque	Ang.	Torque	Ang.	Torque	Ang.	Torque	Ang.	Distal Offset	Torque	Ang.	Distal Offset
Alexander Mini-Wick	-1/-5	0	-5	0	-7	+6	-11	0	-17	0	-22	-6	+5	-27	-6	+6
Alexander Signature	-5	+2	-5	+6	-7	+6	-7	0	-9	0	-22	-6	+5	-27	-6	+5
Andrews	-1	+2	-1	+2	+11	+5	-17	+2	-22	+2	-30	+2	0	-32	+2	0
Bioprogressive	0	0	0	0	+7	+7	0	0	0	0	-27	0	+5	-27	0	+6
Bios	-5	+2	-5	+4	+7	+6	-7	+3	-17	0	-10	0	0	-10	0	+5
Damon Clear2 Standard	-3	+2	-3	+4	+7	+5										
Damon Clear2 High																
Damon Clear2 Low																
Damon Q Standard	-3	+2	-3	+4	+7	+5	-12	+4	-17	+4						
Damon Q High					+13	+5	-5	+4								
Damon Q Low	-11	+2	-11	+4	0	+5										
Damon Q2 Standard	-3	+2	-3	+4	+7	+5	-12	+4	-17	+4	28	+2	+2	-10	0	+5
Damon Q2 High	-6	+2	-6	+4	+13	+5	-5	+4			-28	+2	+2	-10	0	+5
Damon Q2 Low	-11	+2	-11	+4	0	+5					-28	+2	+2	-10	0	+5
Hilgers	-1	0	-1	0	+7	+5	-11	0	-17	0	-27	-5	+12	-27	0	+5
Level Arch Modern	-1	0	-1	0	-7	+6	-11	0	-17	0	-22	0	+5	-27	0	+6
MBT	-6	0	-6	0	0	+3	-12	+2	-17	+2	-20	0	+5	-10	0	+6
Orthos	-5	+2	-5	+4 CIS-4,5	-6	+6 CIS-4,5	-7	+3	-9	+3	-10	0	0	-10	0	+5
Orthos AP	+3	0	+3	0	-2	+2 CIS-6	-8	+3	-8	+6	-10	0	0	-10	0	+5
Roth	-1	+2	-1	+2	-11	+7	-17	0	-22	-1	-27	0	+5	-32	0	+6

CIS / COMPENSATION IN SLOT

BRACKETS

Bracket Peripherals

BRACKET PERIPHERALS

Quad2 Storage System

070-0160



Consultation Models x 15

Designation	Part Number
Damon Q model	717-0124
Damon Clear/Clear 2 model	717-0125

Typodonts

Designation	Part Number
Symetri Clear typodont	717-0021
Damon Q2 typodont	717-0116
Damon Q typodont	717-0114
Damon Clear typodont	717-0120
Alias typodont	717-0105
Inspire Ice typodont	717-1026
Damon 3MX typodont	717-1033



BRACKETS

Metal Self-Ligating

DAMON Q2 BRACKET

Representing over 20 years of innovation and inspiration from orthodontists around the world, Damon™ Q2 is the 8th generation bracket in the world-renowned Damon™ System - a proven combination of passive self-ligating brackets, light force archwire sequencing, and recommended treatment protocols used to successfully finish millions of cases.

- ▶ Ample under tie-wing area accommodates all powerchain, elastics, steel ligatures, and other auxiliaries for treatment versatility.
- ▶ Small bracket profile and size with smooth, rounded corners designed for patient comfort and aesthetics.
- ▶ Modified prescription for upper central and lateral standard torque brackets designed for a predictable finish.
- ▶ Offering a complete and interchangeable system of metal and aesthetic appliances, Damon™ Q2 functions seamlessly with: Damon™ Q brackets, Damon™ Clear2 brackets, SnapLink™ buccal tubes, Accent™ Mini buccal tubes, and Titanium buccal tubes.



5	4	3	2	1	1	2	3	4	5
●	●	●	●	●	●	●	●	●	●
●	○	●	●	●	●	●	●	○	●
5	4	3	2	1	1	2	3	4	5

Color ID dots are located on tie-wings of each bracket.



ROTATIONAL CONTROL COMPARISON		
	Damon Q (DELTRONICS)	Damon Q2 (DELTRONICS)
UPPER CENTRAL	± 2.08°	± 1.30°
UPPER LATERAL	± 2.10°	± 1.44°
UPPER CUSPID	± 2.88°	± 1.52°

WELDABLE DAMON Q2 BRACKET

Tooth	Torque	Angulation	Slot Size	
			.022 L	.022 R
MAXILLARY				
Bicuspid	-11 °	+02 °	161-8891	161-8890
MANDIBULAR				
1st Bicuspid	-05 °	+04 °	161-8843	161-8842
1st Bicuspid	-12 °	+04 °	161-8841	161-8840
2nd Bicuspid	-17 °	+04 °	161-8851	161-8850

BRACKETS

Metal Self-Ligating

DAMON Q2 BRACKET

Tooth	Torque Type	Torque	Angulation	Distal Offset	Hook	Gingival Offset	Slot Size
							.022 L .022 R
MAXILLARY							
Central	High	+22 °	+05 °	0 °			491-8867 491-8866
Central	Standard	+12 °	+05 °	0 °			491-8861 491-8860
Central	Low	+02 °	+05 °	0 °			491-8863 491-8862
Lateral	High	+13 °	+09 °	0 °			491-8875 491-8874
Lateral	Standard	+08 °	+09 °	0 °			491-8871 491-8870
Lateral	Low	-05 °	+09 °	0 °			491-8873 491-8872
Cuspid	High	+11 °	+05 °	0 °			491-8885 491-8884
Cuspid	High	+11 °	+05 °	0 °	Yes		491-9885 491-9884
Cuspid	Standard	+07 °	+05 °	0 °			491-8881 491-8880
Cuspid	Standard	+07 °	+05 °	0 °	Yes		491-9881 491-9880
Cuspid	Low	-09 °	+05 °	0 °			491-8883 491-8882
Cuspid	Low	-09 °	+05 °	0 °	Yes		491-9883 491-9882
Bicuspid	Standard	-11 °	+02 °	0 °			491-8891 491-8890
Bicuspid	Standard	-11 °	+02 °	0 °		Yes	491-8991 491-8990
Bicuspid	Standard	-11 °	+02 °	0 °	Yes		491-9891 491-9890
Bicuspid	Standard	-11 °	+02 °	0 °	Yes	Yes	491-9991 491-9990
MANDIBULAR							
Central	Standard	-03 °	+02 °	0 °			491-8811 491-8810
Central	Standard/Low	-06 °	+02 °				491-8817 491-8816
Central	Low	-11 °	+02 °	0 °			491-8815 491-8814
Lateral	Standard	-03 °	+04 °	0 °			491-8821 491-8820
Lateral	Standard/Low	-06 °	+04 °				491-8827 491-8826
Lateral	Low	-11 °	+04 °	0 °			491-8825 491-8824
Cuspid	High	+13 °	+05 °	0 °			491-8835 491-8834
Cuspid	High	+13 °	+05 °	0 °	Yes		491-9835 491-9834
Cuspid	Standard	+07 °	+05 °	0 °			491-8831 491-8830
Cuspid	Standard	+07 °	+05 °	0 °	Yes		491-9831 491-9830
Cuspid	Low	0 °	+05 °	0 °			491-8833 491-8832
Cuspid	Low	0 °	+05 °	0 °	Yes		491-9833 491-9832
1st Bicuspid	High	-05 °	+04 °	0 °			491-8843 491-8842
1st Bicuspid	High	-05 °	+04 °	0 °		Yes	491-8943 491-8942
1st Bicuspid	High	-05 °	+04 °	0 °	Yes		491-9843 491-9842
1st Bicuspid	High	-05 °	+04 °	0 °	Yes	Yes	491-9943 491-9942
1st Bicuspid	Standard	-12 °	+04 °	0 °			491-8841 491-8840
1st Bicuspid	Standard	-12 °	+04 °	0 °		Yes	491-8941 491-8940
1st Bicuspid	Standard	-12 °	+04 °	0 °	Yes		491-9841 491-9840
1st Bicuspid	Standard	-12 °	+04 °	0 °	Yes	Yes	491-9941 491-9940
2nd Bicuspid	Standard	-17 °	+04 °	0 °			491-8851 491-8850
2nd Bicuspid	Standard	-17 °	+04 °	0 °		Yes	491-8951 491-8950
2nd Bicuspid	Standard	-17 °	+04 °	0 °	Yes	Yes	491-9951 491-9950
SINGLE PATIENT KIT MAXILLARY/ MANDIBULAR							
5-5/5-5	High						740-1412 740-1412
5-5/5-5	Standard						740-1410 740-1410
5-5/5-5	Low						740-1411 740-1411
7-7/7-7	High						740-1415* 740-1415*
7-7/7-7	Standard						740-1413* 740-1413*
7-7/7-7	Low						740-1414* 740-1414*

* Snaplink tubes on 1st molar and Titanium tubes on 2nd molar

BRACKETS

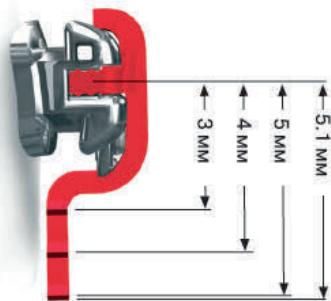
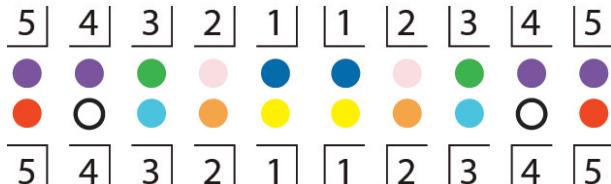
Metal Self-Ligating

DAMON Q BRACKET

Low-friction passive self-ligating Damon Q brackets are made of MIM 17-4 grade stainless steel for optimal solidity and reliability. Four solid walls combined with shallower slot depths on the lower incisor brackets provide optimal torque control and more efficient rotation.



- ▶ Smaller dimensions and lower profile.
- ▶ Innovative Spintek slide for opening/closing.
- ▶ 2 slots, one for auxiliaries.
- ▶ Very accurate bracket positioning gauge.



Color ID dots are located on tie-wings of each bracket.

WELDABLE DAMON Q BRACKET

Tooth	Torque	Angulation	Slot Size	
			.022 L	.022 R
MAXILLARY				
Bicuspid	-11 °	+02 °	161-8491	161-8490
MANDIBULAR				
1st Bicuspid	-05 °	+04 °	161-8443	161-8442
1st Bicuspid	-12 °	+04 °	161-8441	161-8440
2nd Bicuspid	-17 °	+04 °	161-8451	161-8450

BRACKETS

Metal Self-Ligating

DAMON Q BRACKET

Tooth	Torque Type	Torque	Angulation	Hook	Gingival Offset	Slot Size	
						.022 L	.022 R
MAXILLARY							
Central	High	+22 °	+05 °			491-6467	491-6466
Central	Standard	+15 °	+05 °			491-6461	491-6460
Central	Low	+02 °	+05 °			491-6463	491-6462
Lateral	High	+13 °	+09 °			491-6475	491-6474
Lateral	Standard	+09 °	+06 °			491-6471	491-6470
Lateral	Low	-05 °	+09 °			491-6473	491-6472
Cuspid	High	+11 °	+05 °			491-6485	491-6484
Cuspid	High	+11 °	+05 °	Yes		491-7685	491-7684
Cuspid	Standard	+07 °	+05 °			491-6481	491-6480
Cuspid	Standard	+07 °	+05 °	Yes		491-7681	491-7680
Cuspid	Low	-09 °	+05 °			491-6483	491-6482
Cuspid	Low	-09 °	+05 °	Yes		491-7683	491-7682
Bicuspid	Standard	-11 °	+02 °			491-6491	491-6490
Bicuspid	Standard	-11 °	+02 °		Yes	491-6591	491-6590
Bicuspid	Standard	-11 °	+02 °	Yes		491-7691	491-7690
Bicuspid	Standard	-11 °	+02 °	Yes	Yes	491-7791	491-7790
MANDIBULAR							
Central	Standard	-03 °	+02 °			491-6411	491-6410
Central	Low	-11 °	+02 °			491-6415	491-6414
Lateral	Standard	-03 °	+04 °			491-6421	491-6420
Lateral	Low	-11 °	+04 °			491-6425	491-6424
Cuspid	High	+13 °	+05 °			491-6435	491-6434
Cuspid	High	+13 °	+05 °	Yes		491-7635	491-7634
Cuspid	Standard	+07 °	+05 °			491-6431	491-6430
Cuspid	Standard	+07 °	+05 °	Yes		491-7631	491-7630
Cuspid	Low	0 °	+05 °			491-6433	491-6432
Cuspid	Low	0 °	+05 °	Yes		491-7633	491-7632
1st Bicuspid	High	-05 °	+04 °			491-6443	491-6442
1st Bicuspid	High	-05 °	+04 °		Yes	491-6543	491-6542
1st Bicuspid	High	-05 °	+04 °	Yes		491-7643	491-7642
1st Bicuspid	High	-05 °	+04 °	Yes	Yes	491-7743	491-7742
1st Bicuspid	Standard	-12 °	+04 °			491-6441	491-6440
1st Bicuspid	Standard	-12 °	+04 °		Yes	491-6541	491-6540
1st Bicuspid	Standard	-12 °	+04 °	Yes		491-7641	491-7640
1st Bicuspid	Standard	-12 °	+04 °	Yes	Yes	491-7741	491-7740
2nd Bicuspid	Standard	-17 °	+04 °			491-6451	491-6450
2nd Bicuspid	Standard	-17 °	+04 °		Yes	491-6551	491-6550
2nd Bicuspid	Standard	-17 °	+04 °	Yes		491-7651	491-7650
2nd Bicuspid	Standard	-17 °	+04 °	Yes	Yes	491-7751	491-7750
SINGLE PATIENT KIT MAXILLARY/ MANDIBULAR							
5-5/5-5	High					740-1402	740-1402
5-5/5-5	Standard					740-1400	740-1400
5-5/5-5	Low					740-1401	740-1401
7-7/7-7	High					740-1405*	740-1405*
7-7/7-7	Standard					740-1403*	740-1403*
7-7/7-7	Low					740-1404*	740-1404*

* Snaplink tubes on 1st molar and Titanium tubes on 2nd molar

BRACKETS

Metal Self-Ligating

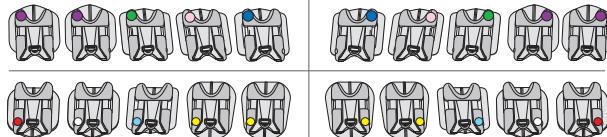
DAMON 3MX BRACKET

Passive self-ligating Damon 3MX brackets are made of MIM 17-4 grade stainless steel bringing solidity and reliability. Four solid walls provide optimal control and low-friction tooth movement.



DAMON[®]
3MX

- ▶ Rounded contours for comfort and hygiene.
- ▶ Permanent ID marking molded in the slot.
- ▶ Vertical slot .0185 x .0185 for removable drop-in hooks and other auxiliaries.
- ▶ Rhomboid tooth-specific base with vertical marking to facilitate positioning.
- ▶ Bicuspid brackets with anatomical offset base for intuitive bracket positioning.



Color ID dots are located on tie-wings of each bracket.

Tooth	Torque Type	Torque	Angulation	Gingival Offset	Slot Size	
					.022 L	.022 R
MAXILLARY						
Central	High	+17 °	+05 °		494-4465	494-4464
Central	Standard	+12 °	+05 °		494-4461	494-4460
Central	Low	+07 °	+05 °		494-4463	494-4462
Lateral	High	+10 °	+09 °		494-4475	494-4474
Lateral	Standard	+08 °	+09 °		494-4471	494-4470
Lateral	Low	+03 °	+09 °		494-4473	494-4472
Cuspid	High	+07 °	+06 °		494-4483	494-4482
Cuspid	Standard	0 °	+06 °		494-4481	494-4480
Bicuspid	Standard	-07 °	+02 °		494-4491	494-4490
Bicuspid	Standard	-07 °	+02 °	Yes	494-4493	494-4492
MANDIBULAR						
Anteriors	Standard	-01 °	+02 °		494-4411	494-4410
Anteriors	Low	-06 °	+02 °		494-4413	494-4412
Cuspid	High	+07 °	+05 °		494-4433	494-4432
Cuspid	Standard	0 °	+05 °		494-4431	494-4430
1st Bicuspid	Standard	-12 °	+02 °		494-4441	494-4440
1st Bicuspid	Standard	-12 °	+02 °	Yes	494-4443	494-4442
2nd Bicuspid	Standard	-17 °	+02 °		494-4451	494-4450
2nd Bicuspid	Standard	-17 °	+02 °	Yes	494-4453	494-4452

BRACKETS

Aesthetic Self-Ligating

DAMON CLEAR/CLEAR2 BRACKET

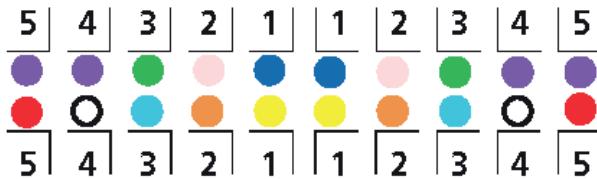
100% clear, self-ligating Damon Clear2 brackets provide 2x the rotation control** for meticulous finishing and faster treatment. A solution for the aesthetics adults and teenagers demand. Damon Clear2 offers the performance and control necessary to treat a wide variety of cases.

**Compared to Damon Clear™, data available.

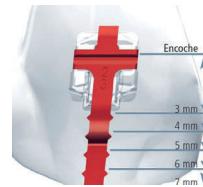


**DAMON®
CLEAR®**

- ▶ 100% clear: Supreme aesthetics patients demand.
- ▶ Innovative Spintek™ slide: Makes archwire changes faster and easier.
- ▶ Rounded contours: For greater patient comfort.
- ▶ Self-Ligating bracket: Eliminates the need for elastomerics, improves hygiene.
- ▶ Patented laser-etched base: For optimal bond reliability.



Color ID dots are located on tie-wings of each bracket.



Tooth	Torque Type	Torque	Angulation	Width	Thickness	Hook	Slot Size	.022 L	.022 R
MAXILLARY									
Central	High	+22 °	+05 °	3.505	2.667			497-6567	497-6566
Central	Standard	+15 °	+05 °	3.505	2.667			497-6561	497-6560
Central	Low	+02 °	+05 °	3.505	2.667			497-6563	497-6562
Lateral	High	+13 °	+09 °	3.505	2.718			497-6575	497-6574
Lateral	Standard	+06 °	+09 °	3.505	2.718			497-6571	497-6570
Lateral	Low	-05 °	+09 °	3.505	2.718			497-6573	497-6572
Cuspid	High	+11 °	+05 °	3.505	2.464	Yes		497-7585	497-7584
Cuspid	Standard	+07 °	+05 °	3.505	2.464			497-6581	497-6580
Cuspid	Standard	+07 °	+05 °	3.505	2.464	Yes		497-7581	497-7580
Bicuspid	Standard	-11 °	+02 °	3.505	2.616			497-6491	497-6490
Bicuspid	Standard	-11 °	+02 °	3.505	2.616	Yes		497-7491	497-7490
MANDIBULAR									
Central	Standard	-03 °	+02 °					497-6411	497-6410
Lateral	Standard	-03 °	+04 °					497-6421	497-6420
Cuspid	Standard	+07 °	+05 °					497-6431	497-6430
SINGLE PATIENT KIT MAXILLARY/ MANDIBULAR									
5-5/5-5	Standard					Yes	740-1407**	740-1407**	
5-5/5-5	Standard				-	Yes	740-1408*	740-1408*	
7-7/7-7	Standard					Yes	740-1406***	740-1406***	
7-7/7-7	Standard				-	Yes	740-1409****	740-1409****	

*Damon Clear bracket 5-5 upper & 3-3 lower + Damon Q on lower bicuspids

** Damon Clear bracket 3-3 upper & lower + Damon Q on upper & lower bicuspids

*** Damon Clear bracket 3-3 upper & lower + Damon Q on upper & lower bicuspids + Snaplink tubes on 1st molars and titanium tubes on 2nd molars

****Damon Clear bracket 5-5 upper & 3-3 lower + Damon Q on lower bicuspids + Snaplink tubes on 1st molars and titanium tubes on 2nd molars

BRACKETS

Metal Conventional

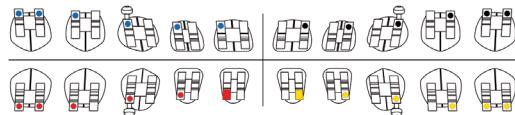
TITANIUM ORTHOS BRACKET

Titanium tubes are as tough as stainless steel but twice as resilient. Titanium is biocompatible thus avoiding allergies associated with nickel. The shock absorbency of titanium is 50% greater than that of stainless steel thus reducing the force transmitted to the adhesive and resulting in greater bonding reliability and better patient comfort.



TITANIUM
ORTHOS™

- ▶ Adhesion of bonding materials enhanced due to the wettability of titanium.
- ▶ Available with hemi-hooks on cuspids and bicuspids.
- ▶ Tooth-specific bondable bases facilitate accurate bracket placement.
- ▶ Also available in single patient packs.



Color ID dots are located on tie-wings of each bracket.

Tooth	Torque	Angulation	CIS**	Hook	Gingival Offset	Slot Size			
						.018 L	.018 R	.022 L	.022 R
MAXILLARY									
Central	+15 °	+05 °				448-6111	448-6110	449-6111	449-6110
Lateral	+09 °	+09 °	-4.5°			448-6211	448-6210	449-6211	449-6210
Lateral	+09 °	+09 °	-4.5°	Yes		448-9211	448-9210	449-9211	449-9210
Cuspid	-03 °	+10 °				448-6311	448-6310	449-6311	449-6310
Cuspid	-03 °	+10 °		Yes		448-7311	448-7310	449-7311	449-7310
1st Bicuspid	-06 °	0 °			Yes	448-6411	448-6410	449-6411	449-6410
1st Bicuspid	-06 °	0 °		Yes	Yes	448-6413	448-6412	449-6413	449-6412
2nd Bicuspid	-08 °	+04 °				448-6511	448-6510	449-6511	449-6510
2nd Bicuspid	-08 °	+04 °		Yes	Yes	448-6513	448-6512	449-6513	449-6512
MANDIBULAR									
Central	-05 °	+02 °				448-6615	448-6610	449-6615	449-6610
Lateral	-05 °	+04 °	-4.5°			448-6625	448-6620	449-6625	449-6620
Cuspid	-06 °	+06 °	-4.5°			448-6711	448-6710	449-6711	449-6710
Cuspid	-06 °	+06 °	-4.5°	Yes		448-7711	448-7710	449-7711	449-7710
1st Bicuspid	-07 °	+03 °			Yes	448-6813	448-6812	449-6813	449-6812
1st Bicuspid	-07 °	+03 °		Yes	Yes	448-6815	448-6814	449-6815	449-6814
2nd Bicuspid	-09 °	+03 °				448-6911	448-6910	449-6911	449-6910
2nd Bicuspid	-09 °	+03 °		Yes	Yes	448-6913	448-6912	449-6913	449-6912
SINGLE PATIENT KIT MAXILLARY/ MANDIBULAR									
5-5/5-5				Yes	Yes	740-1278*	740-1278*	740-1279*	740-1279*
7-7/7-7				Yes	Yes	740-1280*	740-1280*	740-1281*	740-1281*

* Hooks on cuspids (and molars for 7-7 kit)

BRACKETS

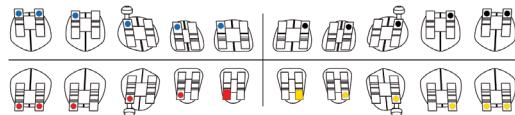
Metal Conventional

BIOS ORTHOS TITANIUM BRACKET

Titanium Bios brackets (biopressive prescription) are as resistant as stainless steel but twice as resilient. Titanium is biocompatible thus avoiding allergies associated with nickel. The shock absorbency of titanium is 50 % greater than that of stainless steel thus reducing the force transmitted to the adhesive and resulting in greater bonding reliability and better patient comfort.



- ▶ Adhesion of bonding materials enhanced due to the wettability of titanium.
- ▶ Available with hemi-hooks on cuspids and bicuspids.
- ▶ Tooth-specific bondable bases facilitate accurate bracket placement.
- ▶ Also available in single patient packs.



Color ID dots are located on tie-wings of each bracket.

Tooth	Torque	Angulation	CIS**	Hook	Gingival Offset	Slot Size			
						.018 L	.018 R	.022 L	.022 R
MAXILLARY									
Central	+22 °	+05 °				448-8119	448-8118	449-8119	449-8118
Lateral	+14 °	+09 °				448-8217	448-8216	449-8217	449-8216
Lateral	+14 °	+09 °	-4.5°			448-8219	448-8218	449-8219	449-8218
Cuspid	+07 °	+10 °				448-8319	448-8318		
Cuspid	+07 °	+10 °		Yes		448-9319	448-9318	449-9319	449-9318
1st Bicuspid	-06 °	0 °			Yes	448-6411	448-6410	449-6411	449-6410
1st Bicuspid	-06 °	0 °		Yes	Yes	448-6413	448-6412	449-6413	449-6412
2nd Bicuspid	-08 °	+04 °			Yes	448-6511	448-6510	449-6511	449-6510
2nd Bicuspid	-08 °	+04 °		Yes	Yes	448-6513	448-6512	449-6513	449-6512
MANDIBULAR									
Central	-05 °	+02 °				448-6615	448-6610	449-6615	449-6610
Central	-10 °	+02 °				448-8617	448-8612	449-8617	449-8612
Lateral	-05 °	+04 °				448-8629	448-8624	449-8629	449-8624
Lateral	-10 °	+04 °				448-8627	448-8622	449-8627	449-8622
Cuspid	+07 °	+06 °	-4.5°			448-8719	448-8718		
Cuspid	+07 °	+06 °	-4.5°	Yes		448-9719	448-9718	449-9721	449-9720
1st Bicuspid	-07 °	+03 °			Yes	448-6813	448-6812	449-6813	449-6812
1st Bicuspid	-07 °	+03 °		Yes	Yes	448-6815	448-6814	449-6815	449-6814
2nd Bicuspid	-17 °	+03 °			Yes	448-8917	448-8916		
2nd Bicuspid	-17 °	+03 °		Yes	Yes	448-9917	448-9916		

** Compensation in Slot

BRACKETS

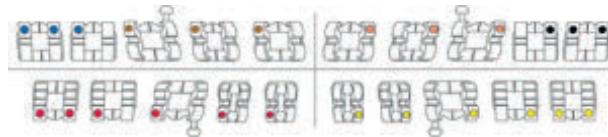
Metal Conventional

ORTHOS BIOS BRACKET

The Orthos Bios coordinated system (biopressive prescription) of buccal brackets, arches and tubes is derived from the anatomical analysis of numerous orthodontic cases conducted over a period of 5 years by Ormco's Research and Development department. This data is used to calculate the bracket specifications. The Orthos system has specific torque and thickness values to obtain clinical results with minimal arch adjustments.



- ▶ Lower torque values on posterior mandibular segments to help straighten molars.
- ▶ Progressive distal root tip angulation of mandibular incisor brackets for ideal root alignment.
- ▶ Thicker second maxillary bicuspid brackets to line up with first bicuspids and molars.
- ▶ Rotation of first maxillary molars to facilitate Class I whilst maintaining interdigitation with first mandibular molars.
- ▶ Rhomboid-shaped brackets and pad for optimal bonding.
- ▶ Available with hemi-hooks on cuspids and bicuspids.
- ▶ C.I.S.: compensation in slot of lower and upper lateral cuspid.



Tooth	Torque	Angulation	Width	Thickness	Hook	Gingival Offset	Slot Size	
							.018 L	.018 R
MAXILLARY								
Central	+22 °	+05 °	3.4	0.5			348-6119	348-6118
Lateral	+14 °	+09 °	2.7	0.8			348-6219	348-6218
Cuspid	+07 °	+10 °	3.2	0.3			348-6319	348-6318
Cuspid	+07 °	+10 °	3.2	0.3	Yes		348-7319	348-7318
1st Bicuspid	-06 °	0 °	3.2	0.5		Yes	454-0411	454-0410
1st Bicuspid	-06 °	0 °	3.2	0.5	Yes	Yes	454-1411	454-1410
2nd Bicuspid	-08 °	+04 °	3.2	0.6		Yes	454-0511	454-0510
2nd Bicuspid	-08 °	+04 °	3.2	0.6	Yes	Yes	454-1511	454-1510
MANDIBULAR								
Central	-05 °	+02 °	2.4	0.5			454-0615	454-0610
Lateral	-05 °	+04 °	2.4	0.5			454-0625	454-0620
Cuspid	+07 °	+06 °	3.2	0.5			348-6719	348-6718
Cuspid	+07 °	+06 °	3.2	0.5	Yes		348-7719	348-7718
1st Bicuspid	-07 °	+03 °	3.2	0.5		Yes	454-0813	454-0812
1st Bicuspid	-07 °	+03 °	3.2	0.5	Yes	Yes	454-1813	454-1812
2nd Bicuspid	-17 °	0 °	3.2	0.6		Yes	348-6917	348-6916
2nd Bicuspid	-17 °	0 °	3.2	0.6	Yes	Yes	348-7917	348-7916

BRACKETS

Metal Conventional

ORTHOS SIGNATURE BRACKET

The Orthos Signature system inspired by the Alexander* discipline was developed from the anatomical analysis of numerous orthodontic cases conducted over a period of 5 years by Ormco's Research and Development department. This data is then used to calculate the bracket specifications. The Orthos system has specific torque and thickness values to obtain clinical results with minimal arch adjustments.

*Dr. Wick Alexander, D.D.S., M.S.D., graduate of the University of Texas



- ▶ 17-4 grade stainless steel bracket / Optimesh XRT finish to increase retention.
- ▶ Rhomboid-shaped Mini Diamond brackets and their bondable base.
- ▶ Lower profile; larger space under the tie wings to facilitate the use of elastics and auxiliaries.
- ▶ Ergonomic, comfortable ball hooks.



Color ID dots are located on tie-wings (distogingival).

Tooth	Bracket type	Torque	Angulation	CIS**	Width	Thickness	Hook	Gingival Offset	Slot Size	.018 L	.018 R
MAXILLARY											
Central		+15 °	+05 °		3.4	0.5			454-0111	454-0110	
Lateral		+09 °	+09 °		2.7	0.8			454-0211	454-0210	
Lateral		+09 °	+09 °	-4.5	2.7	0.8	Yes		454-1211	454-1210	
Cuspid	Flat Wing	-03 °	+10 °		6.6	0.4			354-3311	354-3310	
Cuspid	Curved Wing	-03 °	+10 °		6.6	0.4	Yes		354-4311	354-4310	
1st Bicuspid	Raised Wing	-06 °	0 °		5.3	0.5		Yes	354-3511	354-3510	
2nd Bicuspid	Raised Wing	-08 °	+04 °		5.3	0.6		Yes	354-3515	354-3514	
MANDIBULAR											
Central	Curved Wing	-05 °	+02 °		4.5	1.2			354-4073	354-4072	
Lateral	Curved Wing	-05 °	+06 °		4.5	1.2	Yes		354-4063	354-4062	
Cuspid	Flat Wing	-07 °	+06 °		6.6	0.4			354-3343	354-3342	
Cuspid	Flat Wing	-07 °	+06 °		6.6	0.4	Yes		354-4343	354-4342	
1st Bicuspid	Raised Wing	-07 °	0 °		5.3	0.5		Yes	354-3615	354-3614	
2nd Bicuspid	Raised Wing	-09 °	0 °		5.3	0.6		Yes	354-3725	354-3724	

**Compensation in slot.

BRACKETS

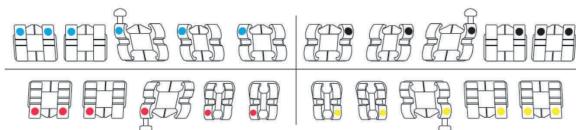
Metal Conventional

ORTHOS BRACKET

The Orthos system of coordinated buccal brackets, arches and tubes was developed from the anatomical analysis of numerous orthodontic cases conducted over a period of 5 years by Ormco's Research and Development department. This data is used to calculate the bracket specifications. The Orthos system has specific torque and thickness values to obtain clinical results with minimal arch adjustments.



- ▶ Lower torque values on posterior mandibular segments to help straighten molars.
- ▶ Progressive distal root tip angulation of mandibular incisor brackets for ideal root alignment.
- ▶ Thicker second maxillary bicuspid brackets to line up with first bicuspids and molars.
- ▶ Rotation of first maxillary molars to facilitate Class I whilst maintaining interdigitation with first mandibular molars.
- ▶ Rhomboid-shaped brackets and pad for optimal bonding.
- ▶ Available with hemi-hooks on cuspids and bicuspids.
- ▶ C.I.S.: compensation in slot of lower and upper lateral cuspid.



Color ID dots are located on tie-wings (distogingival).

BRACKETS

Metal Conventional

ORTHOS BRACKET

Tooth	Torque	Angulation	CIS**	Width	Thickness	Hook	Gingival Offset	Slot Size						
								.018 L	.018 R	.020 L	.020 R	.022 L	.022 R	
MAXILLARY														
Central	+15 °	+05 °		3.4	0.5			454-0111	454-0110	454-6111	454-6110	455-0111	455-0110	
Lateral	+09 °	+09 °		2.7	0.8			454-0211	454-0210	454-6211	454-6210	455-0211	455-0210	
Lateral	+09 °	+09 °	-4.5°	2.7	0.8	Yes		454-1211	454-1210			455-1211	455-1210	
Cuspid	-03 °	+10 °		3.2	0.3			454-0311	454-0310			455-0311	455-0310	
Cuspid	-03 °	+10 °		3.2	0.3	Yes		454-1311	454-1310			455-1311	455-1310	
1st Bicuspid	-06 °	0 °		3.2	0.5	Yes		454-1413	454-1412			455-1413	455-1412	
1st Bicuspid	-06 °	0 °		3.2	0.5		Yes	454-0411	454-0410			455-0411	455-0410	
1st Bicuspid	-06 °	0 °		3.2	0.5			454-0413	454-0412			455-0413	455-0412	
1st Bicuspid	-06 °	0 °		3.2	0.5	Yes	Yes	454-1411	454-1410			455-1411	455-1410	
2nd Bicuspid	-08 °	+04 °		3.2	0.6	Yes		454-1513	454-1512			455-1513	455-1512	
2nd Bicuspid	-08 °	+04 °		3.2	0.6		Yes	454-0511	454-0510			455-0511	455-0510	
2nd Bicuspid	-08 °	+04 °		3.2	0.6			454-0513	454-0512			455-0513	455-0512	
2nd Bicuspid	-08 °	+04 °		3.2	0.6	Yes	Yes	454-1511	454-1510			455-1511	455-1510	
MANDIBULAIRE														
Latérale	-05 °	+04 °	-4.5°	2.4	0.5			454-0635	454-0630					
MANDIBULAR														
Central	-05 °	+02 °		2.4	0.5			454-0615	454-0610			455-0615	455-0610	
Central	-10 °	+02 °		2.4	0.5			454-0617	454-0612			455-0617	455-0612	
Lateral	-05 °	+04 °		2.4	0.5			454-0625	454-0620			455-0625	455-0620	
Lateral	-05 °	+04 °	-4.5°	2.4	0.5							455-0635	455-0630	
Lateral	-10 °	+04 °		2.4	0.5			454-0627	454-0622			455-0627	455-0622	
Cuspid	-06 °	+06 °		3.2	0.5	Yes		454-1711	454-1710			455-1711	455-1710	
Cuspid	-06 °	+06 °		3.2	0.5			454-0711	454-0710			455-0711	455-0710	
1st Bicuspid	-07 °	+03 °		3.2	0.5	Yes	Yes	454-1813	454-1812			455-1813	455-1812	
1st Bicuspid	-07 °	+03 °		3.2	0.5	Yes		454-1815	454-1814			455-1815	455-1814	
1st Bicuspid	-07 °	+03 °		3.2	0.5		Yes	454-0813	454-0812			455-0813	455-0812	
1st Bicuspid	-07 °	+03 °		3.2	0.5			454-0815	454-0814			455-0815	455-0814	
2nd Bicuspid	-09 °	+03 °		3.2	0.6	Yes	Yes	454-1911	454-1910			455-1911	455-1910	
2nd Bicuspid	-09 °	+03 °		3.2	0.6		Yes	454-0911	454-0910			455-0911	455-0910	
2nd Bicuspid	-09 °	+03 °		3.2	0.6			454-0913	454-0912			455-0913	455-0912	
2nd Bicuspid	-09 °	+03 °		3.2	0.6	Yes						455-1913	455-1912	
SINGLE PATIENT KIT MAXILLARY/ MANDIBULAR														
5-5/5-5						Yes		740-1246*	740-1246*				740-1247*	740-1247*

* Hooks on cuspidns **Compensation in slot.

BRACKETS

Metal Conventional

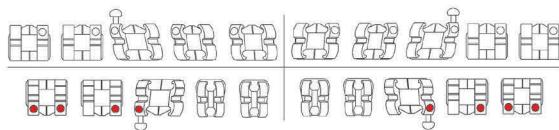
MINI DIAMOND BRACKET

The Mini Diamond is the mini version of the Diamond bracket. Made of 17-4 grade stainless steel, it offers the same placement accuracy as a standard bracket. All the horizontal components of the base and bracket align parallel with the incisal (or occlusal) edge of the tooth.



- ▶ Improved aesthetics and hygiene due to decrease in overall bracket size.
- ▶ Rounded buccal contours for greater patient comfort.
- ▶ Distogingival hooks.

- ▶ Refined Hemi Hooks™ and permanent ID marking system.
- ▶ Bicuspid brackets with or without offset base.
- ▶ Slim version also available (reduced mesio-distal distance) on the central, lateral and cuspid maxillary.



Color ID dots are located on tie-wings (distogingival).

Tooth	Torque	Angulation	Slim Mini	Width	Thickness	Hook	Gingival Offset	Slot Size			
								.018 L	.018 R	.022 L	.022 R
MAXILLARY											
Central	+07 °	+05 °		3.8	0.8			350-0121	350-0120	351-0121	351-0120
Central	+14 °	+05 °		3.8	0.8			350-0131	350-0130	351-0131	351-0130
Central	+14 °	+05 °	Yes	3.4	0.8			350-0171	350-0170	351-0171	351-0170
Central	+22 °	+05 °		3.8	0.8			350-0141	350-0140	351-0141	351-0140
Central	+22 °	+05 °	Yes	3.4	0.8			350-0181	350-0180	351-0181	351-0180
Central	0 °	0 °		3.8	0.8			350-0104	350-0104	351-0104	351-0104
Lateral	+03 °	+08 °		3.1	1.0			350-0241	350-0240	351-0241	351-0240
Lateral	+07 °	+08 °		3.1	1.0			350-0251	350-0250	351-0251	351-0250
Lateral	+07 °	+08 °	Yes	2.7	0.8			350-0271	350-0270	351-0271	351-0270
Lateral	+07 °	+08 °		3.1	1.0	Yes		350-1251	350-1250	351-1251	351-1250
Lateral	+07 °	+08 °	Yes	2.7	0.8	Yes		350-2271	350-2270		
Lateral	+14 °	+08 °		3.1	0.8			350-0231	350-0230	351-0231	351-0230
Lateral	+14 °	+08 °	Yes	2.7	0.8			350-0281	350-0280	351-0281	351-0280
Lateral	0 °	0 °		3.1	1.0			350-0204	350-0204	351-0204	351-0204

BRACKETS

Metal Conventional

MINI DIAMOND BRACKET

Tooth	Torque	Angulation	Slim Mini	Width	Thickness	Hook	Gingival Offset	Slot Size			
								.018 L	.018 R	.022 L	.022 R
Lateral	0 °	+08 °		3.1	1.0			350-0211	350-0210		
Cuspid	+07 °	+10 °		3.4	0.5			350-0341	350-0340	351-0341	351-0340
Cuspid	+07 °	+07 °		3.4	0.5			350-0351	350-0350		
Cuspid	+07 °	+10 °		3.4	0.5	Yes		350-1341	350-1340		
Cuspid	+07 °	+10 °	Yes	3.2	0.5	Yes		350-1381	350-1380	351-1381	351-1380
Cuspid	0 °	0 °		3.4	0.5			350-0306	350-0306		
Cuspid	0 °	+10 °		3.4	0.5			350-0331	350-0330	351-0331	351-0330
Cuspid	0 °	+10 °	Yes	3.2	0.5			350-0371	350-0370	351-0371	351-0370
Cuspid	0 °	+10 °		3.4	0.5	Yes		350-1331	350-1330	351-1331	351-1330
Cuspid	0 °	+10 °	Yes	3.2	0.5	Yes		350-1371	350-1370	351-1371	351-1370
Cuspid	-07 °	+10 °		3.4	0.5	Yes		350-1321	350-1320	351-1321	351-1320
Cuspid	-07 °	+10 °		3.4	0.5					351-0321	351-0320
Bicuspid	0 °	0 °		3.2	0.5			350-0506	350-0506	351-0506	351-0506
Bicuspid	0 °	0 °		3.2	0.5		Yes	350-0526	350-0526	351-0526	351-0526
Bicuspid	-07 °	0 °		3.2	0.5			350-0514	350-0514	351-0514	351-0514
Bicuspid	-07 °	0 °		3.2	0.5		Yes	350-0534	350-0534	351-0534	351-0534
Bicuspid	-07 °	0 °		3.2	0.5	Yes		350-1511	350-1510	351-1511	351-1510
Bicuspid	-07 °	0 °		3.2	0.5	Yes	Yes	350-1531	350-1530	351-1531	351-1530
MANDIBULAR											
Anteriors	+04 °	0 °		2.3	1.2					351-0045	351-0045
Anteriors	0 °	0 °		2.3	1.2			350-0015	350-0015	351-0015	351-0015
Anteriors	-01 °	0 °		2.3	1.2			350-0025	350-0025	351-0025	351-0025
Anteriors	-01 °	0 °	Yes	2.3	1.2			350-0065	350-0065	351-0065	351-0065
Anteriors	-06 °	0 °		2.3	1.2			350-0035	350-0035	351-0035	351-0035
Cuspid	+07 °	+05 °		3.2	0.4			350-0463	350-0462	351-0463	351-0462
Cuspid	+07 °	+05 °		3.2	0.4	Yes		350-1463	350-1462		
Cuspid	0 °	+06 °		3.2	0.4			350-0423	350-0422	351-0423	351-0422
Cuspid	0 °	+06 °		3.2	0.4	Yes		350-1423	350-1422	351-1423	351-1422
Cuspid	-07 °	+06 °		3.2	0.4			350-0433	350-0432	351-0433	351-0432
Cuspid	-07 °	+06 °		3.2	0.4	Yes		350-1433	350-1432	351-1433	351-1432
Cuspid	-11 °	+06 °		3.2	0.4			350-0443	350-0442	351-0443	351-0442
Cuspid	-11 °	+06 °		3.2	0.4	Yes		350-1443	350-1442	351-1443	351-1442
1st Bicuspid	-11 °	0 °		3.2	0.5			350-0615	350-0615	351-0615	351-0615
1st Bicuspid	-11 °	0 °		3.2	0.5		Yes	350-0635	350-0635	351-0635	351-0635
1st Bicuspid	-11 °	0 °		3.2	0.5	Yes		350-1613	350-1612	351-1613	351-1612
1st Bicuspid	-11 °	0 °		3.2	0.5	Yes	Yes	350-1633	350-1632	351-1633	351-1632
1st Bicuspid	-17 °	0 °		3.2	0.5			350-0625	350-0625	351-0625	351-0625
1st Bicuspid	-17 °	0 °		3.2	0.5			350-0645	350-0645	351-0645	351-0645
1st Bicuspid	-17 °	0 °		3.2	0.5	Yes		350-1623	350-1622	351-1623	351-1622
1st Bicuspid	-17 °	0 °		3.2	0.5	Yes	Yes	350-1643	350-1642	351-1643	351-1642
2nd Bicuspid	-17 °	0 °		3.2	0.5			350-0725	350-0725	351-0725	351-0725
2nd Bicuspid	-17 °	0 °		3.2	0.5			350-0745	350-0745	351-0745	351-0745
2nd Bicuspid	-17 °	0 °		3.2	0.5	Yes		350-1723	350-1722	351-1723	351-1722
2nd Bicuspid	-17 °	0 °		3.2	0.5	Yes	Yes	350-1743	350-1742	351-1743	351-1742
2nd Bicuspid	-22 °	0 °		3.2	0.5			350-0735	350-0735	351-0735	351-0735
2nd Bicuspid	-22 °	0 °		3.2	0.5			350-0755	350-0755	351-0755	351-0755
2nd Bicuspid	-22 °	0 °		3.2	0.5	Yes		350-1733	350-1732	351-1733	351-1732
2nd Bicuspid	-22 °	0 °		3.2	0.5	Yes	Yes	350-1753	350-1752	351-1753	351-1752
Bicuspid	0 °	0 °		3.2	0.5			350-0506	350-0506	351-0506	351-0506
Bicuspid	0 °	0 °		3.2	0.5	Yes		350-0526	350-0526	351-0526	351-0526
SINGLE PATIENT KIT MAXILLARY/ MANDIBULAR											
5-5/5-5								740-0300	740-0300	740-0301	740-0301

BRACKETS

Metal Conventional

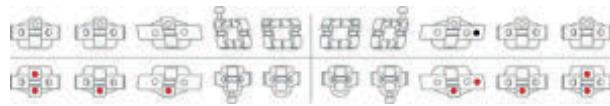
MINI-WICK BRACKET

The Mini-Wick is the Alexander* version of the Mini-Diamond bracket. Made of 17-4 grade stainless steel, it offers the same placement accuracy as a standard bracket. All the horizontal components of the base and bracket align parallel with the incisal (or occlusal) edge of the tooth.



*Dr. Wick Alexander, D.D.S., M.S.D., graduate of the University of Texas

- ▶ Rounded buccal contours for greater patient comfort.
- ▶ Refined Hemi Hooks™ and permanent ID marking system.
- ▶ Bicuspid brackets with or without offset base.



All left Mini-Wick cuspids have a Black (maxillary) or a Red (mandibular) mark on the distal rotation wing (only left assemblies feature a distal mark)

Tooth	Torque	Angulation	Width	Thickness	Hook	Gingival Offset	Slot Size			
							.018 L	.018 R	.022 L	.022 R
MAXILLARY										
Central	+14 °	+05 °	3.8	0.8			350-0131	350-0130	351-0131	351-0130
Lateral	+07 °	+08 °	3.1	1.0			350-0251	350-0250	351-0251	351-0250
Lateral	+07 °	+08 °	3.1	1.0	Yes		350-1251	350-1250	351-1251	351-1250
Cuspid	-03 °	+10 °			Yes		350-4311	350-4310	351-4311	351-4310
Cuspid	-03 °	+10 °					350-3311	350-3310	351-3311	351-3310
Bicuspid	-07 °	0 °			Yes		350-4514	350-4514		
Bicuspid	-07 °	0 °					350-3514	350-3514	351-3514	351-3514
Bicuspid	-07 °	0 °				Yes	350-3524	350-3524	351-3524	351-3524
MANDIBULAR										
Central	-05 °	+02 °					350-3073	350-3072	351-3073	351-3072
Anteriors	-01 °	0 °					350-3045	350-3045	351-3045	351-3045
Anteriors	-01 °	0 °			Yes		350-4045	350-4045		
Anteriors	-05 °	0 °					350-3025	350-3025	351-3025	351-3025
Anteriors	-05 °	0 °			Yes		350-4025	350-4025	351-4025	351-4025
Lateral	-05 °	+06 °					350-4051	350-4050		
Lateral	-05 °	+06 °			Yes		350-4053	350-4052		
Cuspid	-07 °	+06 °			Yes		350-4343	350-4342	351-4343	351-4342
Cuspid	-07 °	+06 °					350-3343	350-3342	351-3343	351-3342
1st Bicuspid	-11 °	0 °			Yes		350-4615	350-4615		
1st Bicuspid	-11 °	0 °					350-3615	350-3615	351-3615	351-3615
1st Bicuspid	-11 °	0 °				Yes	350-3625	350-3625	351-3625	351-3625
2nd Bicuspid	-17 °	0 °			Yes		350-4725	350-4725		
2nd Bicuspid	-17 °	0 °					350-3725	350-3725	351-3725	351-3725
2nd Bicuspid	-17 °	0 °				Yes	350-3735	350-3735	351-3735	351-3735

BRACKETS

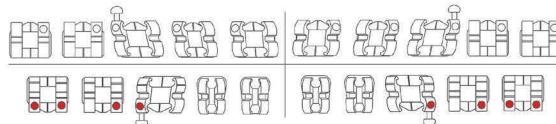
Metal Conventional

MINI DIAMOND WITH VERTICAL SLOT

The Mini Diamond with vertical slot is the mini version of the Diamond bracket. Made of 17-4 grade stainless steel, it offers the same placement accuracy as a standard bracket. All the horizontal components of the base and bracket align parallel with the incisal (or occlusal) edge of the tooth.



- ▶ Improved aesthetics and hygiene due to decrease in overall bracket size.
- ▶ Rounded buccal contours for greater patient comfort.
- ▶ Refined Hemi Hooks™ and permanent ID marking system.
- ▶ Bicuspid brackets with or without offset base.
- ▶ Vertical slot dimension: .018 x .018.



Color ID dots are located on tie-wings (distogingival).

Tooth	Torque	Angulation	Width	Thickness	Hook	Gingival Offset	Slot Size			
							.018 L	.018 R	.022 L	.022 R
MAXILLARY										
Central	+14 °	+05 °	3.4	0.8			350-6131	350-6130	351-6131	351-6130
Lateral	+07 °	+08 °	2.7	1.1			350-6251	350-6250	351-6251	351-6250
Cuspid	0 °	+10 °	3.2	0.6			350-6331	350-6330	351-6331	351-6330
Cuspid	0 °	+10 °	3.2	0.6	Yes		350-7331	350-7330	351-7331	351-7330
Bicuspid	0 °	0 °	3.2	0.6		Yes	350-6536	350-6536	351-6536	351-6536
Bicuspid	0 °	0 °	3.2	0.6					351-6506	351-6506
Bicuspid	-07 °	0 °	3.2	0.6			350-6514	350-6514	351-6514	351-6514
Bicuspid	-07 °	0 °	3.2	0.6		Yes	350-6534	350-6534	351-6534	351-6534
MANDIBULAR										
Anteriors	-01 °	0 °	2.3	1.3			350-6025	350-6025	351-6025	351-6025
Cuspid	-07 °	+06 °	3.2	0.6			350-6433	350-6432	351-6433	351-6432
Cuspid	-07 °	+06 °	3.2	0.6	Yes		350-7433	350-7432	351-7433	351-7432
1st Bicuspid	-11 °	0 °	3.2	0.6			350-6615	350-6615	351-6615	351-6615
1st Bicuspid	-11 °	0 °	3.2	0.6		Yes	350-6635	350-6635	351-6635	351-6635
2nd Bicuspid	-17 °	0 °	3.2	0.6			350-6725	350-6725	351-6725	351-6725
2nd Bicuspid	-17 °	0 °	3.2	0.6		Yes	350-6745	350-6745	351-6745	351-6745
Bicuspid	0 °	0 °	3.2	0.6		Yes	350-6536	350-6536	351-6536	351-6536
Bicuspid	0 °	0 °	3.2	0.6					351-6506	351-6506

BRACKETS

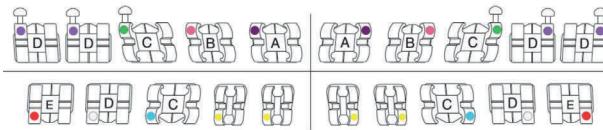
Metal Conventional

MINI-TWIN BRACKET

The Mini-Twin brings a rhomboid design to Straight-Wire™ appliance systems. 30% smaller than a standard double bracket, the Mini-Twin is designed to give you the control you demand in an appliance that is more esthetic and comfortable for your patients.



- ▶ High-retention Ultra-Lock mesh bases on maxillary and mandibular bicuspids.
- ▶ Large space under the wings for easy tying.
- ▶ Vertical scribe line aligns accurately with crown-long axis, for more accurate bracket placement.
- ▶ Available with hooks on cuspids and bicuspids.
- ▶ Available with offset base on bicuspids.
- ▶ Color identification system on disto- gingival tie wings.



The color ID is on the disto-gingival tie wing, the upper brackets have a cast dot ID and all brackets have cast letters in the saddle of the bracket identifying the tooth position.

BRACKETS

Metal Conventional

MINI-TWIN BRACKET

Tooth	Torque Type	Torque	Angulation	Distal Offset	Hook	Gingival Offset	Slot Size				
							.018 L	.018 R	.022 L	.022 R	
MAXILLARY											
Central		+07 °	+05 °			328-0121	328-0120	329-0121	329-0120		
Central		+12 °	+05 °			328-0111	328-0110	329-0111	329-0110		
Central	High	+17 °	+05 °			328-0141	328-0140	329-0141	329-0140		
Lateral		+03 °	+09 °			328-0221	328-0220	329-0221	329-0220		
Lateral		+03 °	+09 °		Yes	328-1221	328-1220				
Lateral		+08 °	+09 °			328-0211	328-0210	329-0211	329-0210		
Lateral	High	+10 °	+09 °			328-0241	328-0240	329-0241	329-0240		
Cuspid		0 °	+06 °		Yes			329-1331	329-1330		
Cuspid		-02 °	+13 °	+04 °	Yes	328-1313	328-1312	329-1311	329-1310		
Cuspid		-02 °	0 °	+04 °	Yes	328-1317	328-1316				
Cuspid		-02 °	+13 °	+04 °				329-0313	329-0312		
Cuspid		-02 °	+09 °	+04 °				329-0351	329-0350		
Cuspid		-02 °	+09 °	+04 °	Yes			329-1351	329-1350		
Cuspid		-07 °	+11 °			328-0321	328-0320	329-0321	329-0320		
Cuspid		-07 °	+11 °		Yes	328-1321	328-1320	329-1321	329-1320		
Cuspid	High	+03 °	+09 °	+04 °	Yes			329-1341	329-1340		
Bicuspid		-07 °	0 °	+02 °		428-0511	428-0510	429-0511	429-0510		
Bicuspid		-07 °	0 °			428-0521	428-0520	429-0521	429-0520		
Bicuspid		-07 °	0 °				428-0571	428-0570	429-0571	429-0570	
Bicuspid		-07 °	0 °	+02 °		428-0575	428-0574	429-0575	429-0574		
Bicuspid		-07 °	0 °	+02 °	Yes	428-1511	428-1510	429-1511	429-1510		
Bicuspid		-07 °	0 °		Yes	428-1571	428-1570	429-1571	429-1570		
Bicuspid		-07 °	0 °		Yes	428-2521	428-2520	429-1521	429-1520		
Bicuspid		-07 °	0 °	+02 °	Yes	Yes		429-1573	429-1572		
MANDIBULAR											
Anteriors		-01 °	0 °			328-0021	328-0020	329-0021	329-0020		
Anteriors		-01 °	0 °		Yes	328-1021	328-1020				
Cuspid		0 °	+05 °		Yes			329-1431	329-1430		
Cuspid		-11 °	+05 °			328-0421	328-0420	329-0421	329-0420		
Cuspid		-11 °	+07 °	+02 °	Yes	328-1411	328-1410	329-1411	329-1410		
Cuspid		-11 °	+05 °		Yes	328-1421	328-1420				
Cuspid		-11 °	+07 °	+02 °				329-0411	329-0410		
1st Bicuspid		-17 °	0 °	+04 °		428-0611	428-0610	429-0611	429-0610		
1st Bicuspid		-17 °	0 °			428-0621	428-0620	429-0621	429-0620		
1st Bicuspid		-17 °	0 °		Yes	428-0671	428-0672	429-0671	429-0674		
1st Bicuspid		-17 °	0 °	+04 °	Yes	428-1611	428-1610	429-1611	429-1610		
1st Bicuspid		-17 °	0 °		Yes	428-1621	428-1620	429-1621	429-1620		
1st Bicuspid		-17 °	0 °	+04 °	Yes	428-1673	428-1672	429-1673	429-1672		
1st Bicuspid		-17 °	0 °	+04 °				429-0673	429-0672		
1st Bicuspid		-17 °	0 °		Yes			429-1671	429-1670		
2nd Bicuspid		-22 °	0 °	+04 °		428-0711	428-0710	429-0711	429-0710		
2nd Bicuspid		-22 °	0 °			428-0721	428-0720	429-0721	429-0720		
2nd Bicuspid		-22 °	0 °	+04 °	Yes	428-0771	428-0770	429-0771	429-0770		
2nd Bicuspid		-22 °	0 °			428-0773	428-0772	429-0773	429-0772		
2nd Bicuspid		-22 °	0 °	+04 °	Yes	428-1711	428-1710	429-1711	429-1710		
2nd Bicuspid		-22 °	0 °		Yes	428-1721	428-1720	429-1721	429-1720		
2nd Bicuspid		-22 °	0 °		Yes			429-1771	429-1770		
2nd Bicuspid		-22 °	0 °	+04 °	Yes	Yes		429-1773	429-1772		

BRACKETS

Metal Conventional

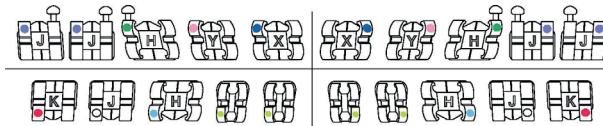
SYNTHESIS BRACKET

Synthesis brackets are standard straight-wire brackets. Each base mirrors the anatomy of each tooth thus facilitating bracket placement.



STRAIGHT-WIRE SYNTHESIS

- ▶ Optimesh XRT base (retention mesh gauge 100) has additional undercuts increasing the bonding surface area.
- ▶ Base torque.
- ▶ Mesio-distal dimensions identical to TruStraightWire for optimum rotational control.
- ▶ Same mesio-distal dimensions as the Mini-Twin.



Color ID dots are located on tie-wings (distogingival).

BRACKETS

Metal Conventional

SYNTHESIS BRACKET

Tooth	Torque Type	Torque	Angulation	Distal Offset	Hook	Gingival Offset	Slot Size			
							.018 L	.018 R	.022 L	.022 R
MAXILLARY										
Central		+07 °	+05 °				338-0121	338-0120	339-0121	339-0120
Central		+12 °	+05 °				338-0111	338-0110	339-0111	339-0110
Central	High	+17 °	+05 °				338-0141	338-0140	339-0141	339-0140
Lateral		+03 °	+09 °				338-0221	338-0220	339-0221	339-0220
Lateral		+08 °	+09 °				338-0211	338-0210	339-0211	339-0210
Lateral	High	+10 °	+09 °				338-0241	338-0240	339-0241	339-0240
Cuspid		-02 °	+13 °	+04 °	Yes		338-1311	338-1310	339-1311	339-1310
Cuspid		-02 °	+09 °	+04 °	Yes		338-1351	338-1350	339-1351	339-1350
Cuspid		-07 °	+11 °		Yes		338-1321	338-1320	339-1321	339-1320
Bicuspid		-07 °	0 °			Yes	338-0511	338-0510	339-0511	339-0510
Bicuspid		-07 °	0 °	+02 °			338-0531	338-0530	339-0531	339-0530
Bicuspid		-07 °	0 °	+02 °	Yes	Yes	338-1511	338-1510	339-1511	339-1510
Bicuspid		-07 °	0 °	+02 °	Yes		338-1531	338-1530	339-1531	339-1530
Bicuspid		-07 °	0 °		Yes	Yes	338-2511	338-2510	339-2511	339-2510
Bicuspid		-07 °	+02 °						339-0541	339-0540
MANDIBULAR										
Anteriors		-01 °	+02 °				338-0011	338-0010	339-0011	339-0010
Anteriors		-06 °	+02 °				338-0021	338-0020	339-0021	339-0020
Cuspid		+07 °	-11 °	+02 °			338-0411	338-0410	339-0411	339-0410
Cuspid		+07 °	-11 °				338-0421	338-0420	339-0421	339-0420
Cuspid		-11 °	+07 °	+02 °	Yes		338-1411	338-1410	339-1411	339-1410
Cuspid		-11 °	+05 °		Yes		338-1421	338-1420	339-1421	339-1420
1st Bicuspid		-17 °	-01 °	+04 °		Yes	338-0611	338-0610	339-0611	339-0610
1st Bicuspid		-17 °	-01 °	+04 °			338-0631	338-0630	339-0631	339-0630
1st Bicuspid		-17 °	+02 °				338-0641	338-0640	339-0641	339-0640
1st Bicuspid		-17 °	-01 °	+04 °	Yes	Yes	338-1611	338-1610	339-1611	339-1610
1st Bicuspid		-17 °	-01 °	+04 °	Yes		338-1631	338-1630	339-1631	339-1630
2nd Bicuspid		-22 °	-01 °	+04 °		Yes	338-0711	338-0710	339-0711	339-0710
2nd Bicuspid		-22 °	-01 °	+04 °			338-0731	338-0730	339-0731	339-0730
2nd Bicuspid		-22 °	-01 °	+04 °	Yes	Yes	338-1711	338-1710	339-1711	339-1710
2nd Bicuspid		-22 °	-01 °	+04 °	Yes		338-1731	338-1730	339-1731	339-1730
2nd Bicuspid		-22 °	+02 °						339-0741	339-0740

BRACKETS

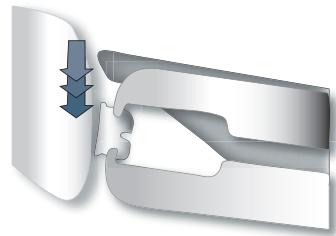
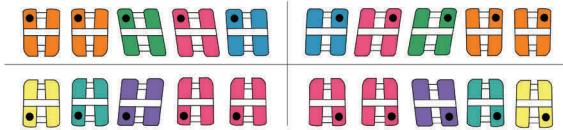
Aesthetic Conventional

INSPIRE ICE BRACKET

Ceramic ICE brackets are made of monocrystalline sapphire. These clear brackets provide the esthetics patients demand with a polished surface and rounded contours. The patented bead ball base technology ensures complete bonding and easy debonding. The shape of the base enables ideal bracket/tooth adaptation, easier positioning and more reliable bonding.



- ▶ Also available in single patient packs.
- ▶ Stain resistant monocrystalline sapphire material.
- ▶ Heat polished, no need for a metal slot.
- ▶ The Face-Paint™ system facilitates positioning: the buccal surface is coated with a water-soluble dye.



Inspire Ice Face-Paint

INSPIRE ICE MCLAUGHLIN, BENNETT & TREVISI BRACKET

Tooth	Torque	Angulation	Distal Offset	Hook	Slot Size			
					.018 L	.018 R	.022 L	.022 R
MAXILLARY								
Central	+17 °	+04 °	0 °		443-2111	443-2110	444-2111	444-2110
Lateral	+10 °	+08 °	0 °		443-2211	443-2210	444-2211	444-2210
Cuspid	0 °	+08 °	0 °	Yes	443-3311	443-3310	444-3311	444-3310
Bicuspid	-07 °	0 °	0 °	Yes	443-3511	443-3510	444-3511	444-3510
MANDIBULAR								
Anteriors	-06 °	0 °	0 °		443-2011	443-2011	444-2011	444-2011
Cuspid	0 °	+03 °	0 °	Yes	443-3411	443-3410	444-3411	444-3410
1st Bicuspid	-12 °	+02 °	0 °	Yes	443-3611	443-3610	444-3611	444-3610
2nd Bicuspid	-17 °	+02 °	0 °	Yes	443-3711	443-3710	444-3711	444-3710
SINGLE PATIENT KIT MAXILLARY								
5-5				Yes	746-4310*	746-4310*	746-4410*	746-4410*
SINGLE PATIENT KIT MAXILLARY/ MANDIBULAR								
3-3/3-3				Yes	746-4311*	746-4311*	746-4411*	746-4411*
5-5/5-5				Yes	746-4309*	746-4309*	746-4409*	746-4409*

* Hooks on upper & lower cupids and bicuspids

BRACKETS

Aesthetic Conventional

INSPIRE ICE BRACKET

Tooth	Torque Type	Torque	Angulation	Distal Offset	Hook	Slot Size			
						.018 L	.018 R	.022 L	.022 R
MAXILLARY									
Central		+12 °	+05 °			443-0111	443-0110	444-0111	444-0110
Central	High	+17 °	+05 °			443-0141	443-0140	444-0141	444-0140
Central	High	+22 °	+05 °			443-0143	443-0142	444-0143	444-0142
Lateral		+08 °	+09 °			443-0211	443-0210	444-0211	444-0210
Lateral	High	+10 °	+09 °			443-0241	443-0240	444-0241	444-0240
Lateral	High	+14 °	+08 °			443-0243	443-0242	444-0243	444-0242
Cuspid		+07 °	+10 °			443-0343	443-0342	444-0343	444-0342
Cuspid		+07 °	+10 °		Yes	443-1343	443-1342	444-1343	444-1342
Cuspid		-02 °	+13 °	+04 °		443-0311	443-0310	444-0311	444-0310
Cuspid		-02 °	+09 °	+04 °		443-0351	443-0350	444-0351	444-0350
Cuspid		-02 °	+13 °	+04 °	Yes	443-1311	443-1310	444-1311	444-1310
Cuspid		-02 °	+09 °	+04 °	Yes	443-1351	443-1350	444-1351	444-1350
Cuspid	High	+03 °	+09 °	+04 °	Yes	443-1341	443-1340	444-1341	444-1340
Bicuspid		-07 °	0 °	+02 °		443-0511	443-0510	444-0511	444-0510
Bicuspid		-07 °	0 °	+02 °	Yes	443-1511	443-1510	444-1511	444-1510
MANDIBULAR									
Anteriors		-01 °	0 °			443-0011	443-0010	444-0011	444-0010
Cuspid		-11 °	+07 °	+02 °		443-0411	443-0410	444-0411	444-0410
Cuspid		-11 °	+07 °	+02 °	Yes	443-1411	443-1410	444-1411	444-1410
1st Bicuspid		-17 °	-01 °	+04 °		443-0611	443-0610	444-0611	444-0610
1st Bicuspid		-17 °	-01 °	+04 °	Yes	443-1611	443-1610	444-1611	444-1610
2nd Bicuspid		-22 °	-01 °	+04 °		443-0711	443-0710	444-0711	444-0710
2nd Bicuspid		-22 °	-01 °	+04 °	Yes	443-1711	443-1710	444-1711	444-1710
SINGLE PATIENT KIT MAXILLARY									
3-3					Yes	746-4300*	746-4300*	746-4400*	746-4400*
5-5					Yes	746-4301*	746-4301*	746-4401*	746-4401*
SINGLE PATIENT KIT MAXILLARY/ MANDIBULAR									
3-3/3-3					Yes	746-4302*	746-4302*	746-4402*	746-4402*
3-3/3-3						746-4304	746-4304	746-4404	746-4404
5-5/3-3					Yes	746-4303*	746-4303*	746-4403*	746-4403*
5-5/3-3						746-4305	746-4305	746-4405	746-4405
5-5/5-5						746-4306	746-4306	746-4406	746-4406
5-5/5-5					Yes	746-4307*	746-4307*	746-4407*	746-4407*

* Hooks on upper & lower cuspids

BRACKETS

Aesthetic Conventional

SYMETRI BRACKET

Symetri is the conventional bracket made of polycrystalline-alumina featuring the latest advancements in ceramic bracket technology for aesthetics and performance.



symetri
CLEAR™

- ▶ Designed for aesthetics and strength using advanced polycrystalline-alumina ceramic manufacturing technology.
- ▶ Rounded and smoothed labial surfaces aid with patient comfort and diffuse light better than a flat surface.
- ▶ Radiused M/D archwire edges reduce notching and facilitate easy sliding.
- ▶ Anatomical pad with compound-contoured base, designed to adapt to fit each tooth.
- ▶ Base flange designed for secure grasp and placement without damage.
- ▶ Ample torque and tie-wing strength plus the generous under tie-wing area facilitate secure double tying using a steel ligature, without damage or fracture.
- ▶ Low profile for aesthetics and to minimize occlusal interference.
- ▶ Proprietary Base Design and Patented Debonding Plier for One-piece Removal.
- ▶ Available in McLaughlin, Bennett, Trevisi Rx.



BRACKETS

Aesthetic Conventional

SYMETRI BRACKET

Tooth	Torque	Angulation	Distal Offset	Thickness	Hook	Slot Size			
						.018 L	.018 R	.022 L	.022 R
MAXILLARY									
Central	+17 °	+04 °	0 °	0.66		418-1111	418-1110	419-1111	419-1110
Lateral	+10 °	+08 °	0 °	0.89		418-1211	418-1210	419-1211	419-1210
Lateral	+10 °	+08 °	0 °	0.71		418-1213	418-1212	419-1213	419-1212
Cuspid	0 °	+08 °	0 °	0.53		418-1311	418-1310	419-1311	419-1310
Cuspid	0 °	+08 °	0 °	0.53	Yes	418-2311	418-2310	419-2310	419-2310
Bicuspid	-07 °	0 °	0 °	0.74		418-1510	418-1510	419-1510	419-1510
Bicuspid	-07 °	0 °	0 °	0.74	Yes	418-2511	418-2510	419-2511	419-2510
MANDIBULAR									
Anteriors	-06 °	0 °	0 °	1.14		418-1010	418-1010	419-1010	419-1010
Cuspid	0 °	+03 °	+02 °	0.51		418-1411	418-1410	419-1411	419-1410
Cuspid	0 °	+03 °	+02 °	0.51	Yes	418-2411	418-2410	419-2411	419-2410
1st Bicuspid	-12 °	0 °	0 °	0.76		418-1610	418-1610	419-1610	419-1610
1st Bicuspid	-12 °	+02 °	0 °	0.76	Yes	418-2611	418-2610	419-2611	419-2610
2nd Bicuspid	-17 °	+02 °	0 °	0.86	Yes	418-2711	418-2710	419-2711	419-2710
2nd Bicuspid	-17 °	0 °	0 °	0.86		418-1710	418-1710	419-1710	419-1710
SINGLE PATIENT KIT MAXILLARY									
3-3					Yes (3)	746-2103	746-2103	746-2203	746-2203
4-4					Yes (3-4)	746-2104	746-2104	746-2204	746-2204
5-5					Yes (3)	746-2105	746-2105	746-2205	746-2205
5-5					Yes (3-4-5)	746-2106	746-2106	746-2206	746-2206
SINGLE PATIENT KIT MAXILLARY/ MANDIBULAR									
3-3/3-3					Yes (3)	746-2102	746-2102	746-2202	746-2202
5-5/5-5					Yes (3-4-5)	746-2101	746-2101	746-2201	746-2201

BRACKETS

Lingual Self-Ligating

ALIAS BRACKET

Alias, the first passive self-ligating square slot lingual straight-wire bracket developed through collaboration with world-renowned lingual leaders, Drs Kyoto Takemoto and Giuseppe Scuzzo, offers an aesthetic alternative to buccal brackets or aligners with the efficiency of Straight-Wire™ mechanics. Alias' unique square slot allows for optimized movements and greater interbracket distances make the aligning stage easier. Easier bonding, especially on small maloccluded incisors, the technical features of Alias facilitate lingual orthodontics and enhance clinical performance.



ALIAS
LINGUAL STRAIGHTWIRE BRACKET SYSTEM
Designed with Drs. Kyoto Takemoto and Giuseppe Scuzzo

► Innovation

A patented square slot .018" x .018" provides optimal control and results.

► Comfort

Greater patient comfort with slim, rounded brackets.

► Efficacy

Simplified Straight-wire mechanics.

► Simplicity

Easy opening and closing thus decreasing chair time.



Tooth	Torque	Angulation	Distal Offset	Hook	.018 L	.018 R
MAXILLARY						
Anteriors	60 °	0 °	0 °		369-0020	369-0020
Cuspid	60 °	8 °	+06 °		369-0031	369-0030
2nd Bicuspid	0 °	0 °	0 °		369-0050	369-0050
1st Molar	10 °	0 °	+05 °		369-0061	369-0060
2nd Molar	10 °	0 °	+05 °	Yes	369-1071	369-1070
MANDIBULAR						
Anteriors	45 °	0 °	0 °		369-0002	369-0002
Cuspid	45 °	8 °	+06 °		369-0011	369-0012
1st Molar	0 °	0 °	0 °		369-0080	369-0080
2nd Molar	0 °	0 °	0 °	Yes	369-1091	369-1090
MAXILLARY/MANDIBULAR						
Bicuspid	0 °	0 °	0 °		369-0040	369-0040
7-7/7-7				Yes	740-0430	740-0430

BRACKETS

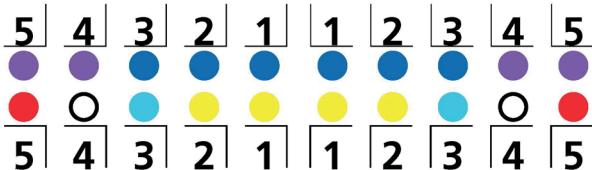
Lingual Conventional

LINGUAL STB BRACKET

The STB lingual bracket was developed by Drs. Giuseppe Scuzzo and Kyoto Takemoto. Its low profile and rounded design minimize discomfort and speech problems.



- ▶ For greater patient comfort: smaller size (1.5 mm thick), rounded design with only one occlusal tie wing.
- ▶ Occlusally offset base for more occlusal bracket placement.
- ▶ Wider single wing bicuspid bracket for better rotational control.
- ▶ Available with or without hook.



ID dots are located on center of slide

BRACKETS

Lingual Conventional

LINGUAL STB BRACKET

Tooth	Torque Type	Torque	Angulation	Distal Offset	Hook	Slot Size	
						.018 L	.018 R
MAXILLARY							
Anteriors & Cuspids		+55 °	0 °			369-2102	369-2102
Anteriors & Cuspids		+55 °	0 °		Yes	369-3102	369-3102
Bicuspid		+11 °	0 °		Yes	369-3400	369-3400
Bicuspid		+11 °	0 °			369-2400	369-2400
Bicuspid		0 °	0 °			369-2401	369-2401
Bicuspid		0 °	0 °		Yes	369-3401	369-3401
1st Molar		+10 °	0 °	+05 °	Yes	369-3601	369-3600
2nd Molar		+10 °	0 °	+05 °	Yes	369-3701	369-3700
MANDIBULAR							
Anteriors & Cuspids		+40 °	0 °			369-2110	369-2110
Anteriors & Cuspids		+40 °	0 °		Yes	369-3110	369-3110
Bicuspid		+11 °	0 °		Yes	369-3400	369-3400
Bicuspid		+11 °	0 °			369-2400	369-2400
Bicuspid		0 °	0 °			369-2401	369-2401
Bicuspid		0 °	0 °		Yes	369-3401	369-3401
1st Molar		0 °	0 °	0 °	Yes	369-3611	369-3610
2nd Molar		0 °	0 °	0 °	Yes	369-3711	369-3710
SINGLE PATIENT KIT MAXILLARY							
3/3		+55 °	0 °			740-0416	740-0416
7-7	W/ Extractions					740-0415	740-0415
7-7	W/O Extractions					740-0414	740-0414
SINGLE PATIENT KIT MAXILLARY/ MANDIBULAR							
3-3/3-3						740-0417	740-0417
7-7	W/ Extractions					740-0411	740-0411
7-7	W/O Extractions					740-0412	740-0412

BRACKETS

Lingual Conventional

LINGUAL STB STRAIGHTWIRE BRACKET

Tooth	Torque Type	Torque	Angulation	Hook	.018 L	.018 R
MAXILLARY/MANDIBULAR						
Bicuspid		+11 °	0 °		369-2402	369-2402
Bicuspid		+11 °	0 °	Yes	369-3402	369-3402
Bicuspid		0 °	0 °		369-2403	369-2403
Bicuspid		0 °	0 °	Yes	369-3403	369-3403
SINGLE PATIENT KIT MAXILLARY						
7-7	W/ Extractions				740-0425	740-0425
7-7	W/O Extractions				740-0424	740-0424
SINGLE PATIENT KIT MAXILLARY/ MANDIBULAR						
7-7	W/ Extractions				740-0421	740-0421
7-7	W/O Extractions				740-0422	740-0422

LINGUAL GEN 7 BRACKET

Gen 7 is the original ORMCO lingual system.



► Easy to ligate: greater under-tie wing area.

► Easy archwire insertion: rounded slot openings and gingival ramp guide wires into slots.



Tooth	Torque	Angulation	Hook	Slot Size			
				.018 L	.018 R	.022 L	.022 R
MAXILLARY							
Central	+68 °	0 °	Yes	367-5011	367-5001	368-5011	368-5001
Lateral	+58 °	0 °	Yes	367-5012	367-5002	368-5012	368-5002
Cuspid	+55 °	0 °	Yes	367-5013	367-5003	368-5013	368-5003
Bicuspid	+12 °	0 °	Yes	367-5044	367-5044	368-5044	368-5044
Molars	0 °	0 °	Yes	367-1316	367-1306	368-1816	368-1806
MANDIBULAR							
Anteriors	+46 °	0 °	Yes	367-5050	367-5050	368-5050	368-5050
Cuspid	+40 °	0 °	Yes	367-5033	367-5023	368-5033	368-5023
Bicuspid	+12 °	0 °	Yes	367-5044	367-5044	368-5044	368-5044
Molars	0 °	0 °	Yes	367-1336	367-1326	368-1836	368-1826
SINGLE PATIENT KIT MAXILLARY/ MANDIBULAR							
5-5/5-5			Yes	740-0062	740-0062		

BRACKETS

Bracket Burstone

WELDABLE LINGUAL BRACKET

Tooth	Torque		Slot Size	
		.032 L		
		.032 R		
MAXILLARY				
1st Molar	+12 °	134-0001	134-0001	
MANDIBULAR				
1st Molar	+06 °	134-0010	134-0010	

BONDABLE BRACKET

Tooth	Torque	Angulation		Slot Size
		.022 L		
		.022 R		
MAXILLARY				
Cuspid	-03 °	+10 °	351-9301	351-9300
MANDIBULAR				
Cuspid	-06 °	+06 °	351-9403	351-9402

TUBES

► Snaplink Tubes / p.44

- o Snaplink Tubes p.44

► Accent Mini Tubes / p.45

- o Accent Mini Tubes p.45

► Titanium Tubes / p.46

- o Titanium Tubes p.46

► Accent Tubes / p.47

- o Bondable Accent Tubes p.47

- o Weldable Accent Tubes p.47

► Peerless Tubes / p.48

- o Bondable Peerless Tubes p.48

- o Weldable Peerless Tubes p.49

► Micro Tubes / p.50

- o Bondable Micro Tubes p.50

- o Weldable Micro Tubes p.51

► Bondable Tubes / p.52

- o First Maxillary Molar p.52

- o First Mandibular Molar p.53

- o Second Maxillary Molar p.54

- o Second Mandibular Molar p.55

► Weldable Tubes / p.56

- o First Maxillary Molar p.56

- o First Mandibular Molar p.57

- o Second Maxillary Molar p.58

- o Second Mandibular Molar p.59

TUBES

Snaplink Tubes

SNAPLINK TUBES

First molar self-ligating Snaplink tubes are made of MIM 17-4 grade stainless steel bringing solidity and reliability. Snaplink tubes can be used with both standard and self-ligating brackets, and can be opened and closed as often as necessary during treatment, making it easy to engage second molars.

- ▶ Self-ligating makes archwire changes faster and easier: patented Spintek™ opening/closing system.
- ▶ Smooth, rounded tube contours for patient comfort.

1st upper molar



1st lower molar



TUBES

Accent Mini Tubes

ACCENT MINI TUBES

Latest addition to the Ormco tubes range, Accent mini molar tubes feature a "low profile" reducing occlusal interference, providing greater patient comfort and facilitating positioning during bonding. Manufactured with 17-4 grade stainless steel using metal injection molding (MIM); laser-etched pad for optimal bonding.

- ▶ Adjustable «T» hook for the 1st lower molars to facilitate cross-elastic hold.
- ▶ Funneled mesial slot opening for easy wire insertion.
- ▶ Occlusal-gingival notch for easy adhesive loading and bracket placement.
- ▶ Horizontal marking for easy tube positioning.



TUBES

Titanium Tubes

TITANIUM TUBES

Titanium tubes are as resistant as stainless steel but twice as resilient. In addition, titanium is biocompatible avoiding allergies associated with nickel. Adhesion of bonding materials is enhanced due to the wettability of titanium.

- ▶ Wider base for 1st molar tubes.
- ▶ Teardrop-shaped mandibular tube to reduce occlusal interference.
- ▶ Funneled opening for easy archwire insertion.
- ▶ Notch for easy handling of the tube.
- ▶ 1st and 2nd molars available in .018" x .025" and .022" x .028".



TUBES

Accent Tubes

BONDABLE ACCENT TUBES

The Molar Accent tubes exist in single or double tube for the first molar and only in single tube for the second molar, available in .018" x .025" and .022" x .028". These tubes are non convertible, low profile with no tie wings limiting occlusal interference.

- ▶ Made of 17-4 grade stainless steel.
- ▶ Conical mesial opening for easy archwire insertion.
- ▶ Available with distal extension on second molars.



WELDABLE ACCENT TUBES

- ▶ Made of 17-4 grade stainless steel.
- ▶ Conical mesial opening for easy archwire insertion.
- ▶ Available with distal extension on second molars.



TUBES

Peerless Tubes

BONDABLE PEERLESS TUBES

Convertible Peerless tubes are available as weldable or bondable singles, doubles or triples. All the auxiliary tubes and headgear have 0° distal offset facilitating headgear insertion with rotated molars. All first molar peerless tubes are convertible unless otherwise noted. Cap Tool (801-0094) makes conversion safe and easy. Second molar peerless tubes are not convertible.

- ▶ Brazed convertible cap for convertible tubes.
- ▶ Anatomical tie wings minimize occlusal interference and facilitate ligature attachment.
- ▶ Headgear tubes are .045".
- ▶ Available in .018" x .025" and .022" x .028".



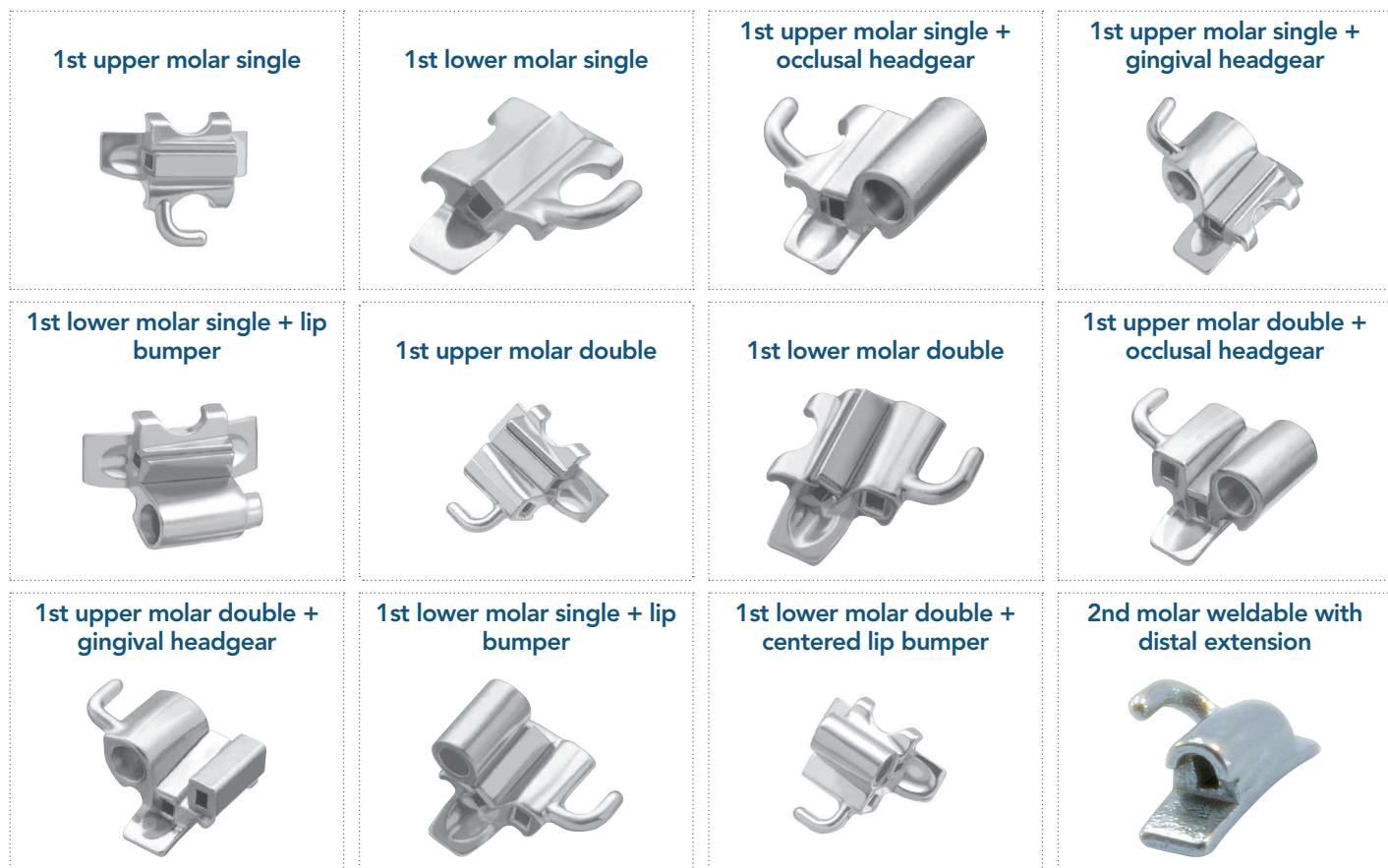
TUBES

Peerless Tubes

WELDABLE PEERLESS TUBES

Convertible Peerless tubes are available as weldable or bondable singles, doubles or triples. All the auxiliary tubes and headgear have 0° distal offset facilitating headgear insertion with rotated molars. All first molar peerless tubes are convertible unless otherwise noted. Cap Tool (801-0094) makes conversion safe and easy. Second molar peerless tubes are not convertible.

- ▶ Brazed convertible cap for convertible tubes.
- ▶ Anatomical tie wings minimize occlusal interference and facilitate ligature attachment.
- ▶ Headgear tubes are .045".
- ▶ Available in .018" x .025" and .022" x .028".



TUBES

Micro Tubes

BONDABLE MICRO TUBES

Designed with the Straight-Wire method in mind, Micro tubes offer a full range of choices that can all be used interchangeably within the Straight-Wire system. The Micro Mesh bases offer smaller mesio-distal and occluso-gingival dimensions for bonding on short clinical crowns or in cases of gingival interference.

- ▶ Reduced occlusal interference, especially on the second molars.
- ▶ Improved hygiene due to the reduced size.
- ▶ Increased space between the first and second molars due to the shorter length.
- ▶ Available in .018" x .025" and .022" x .028", single, double or triple.



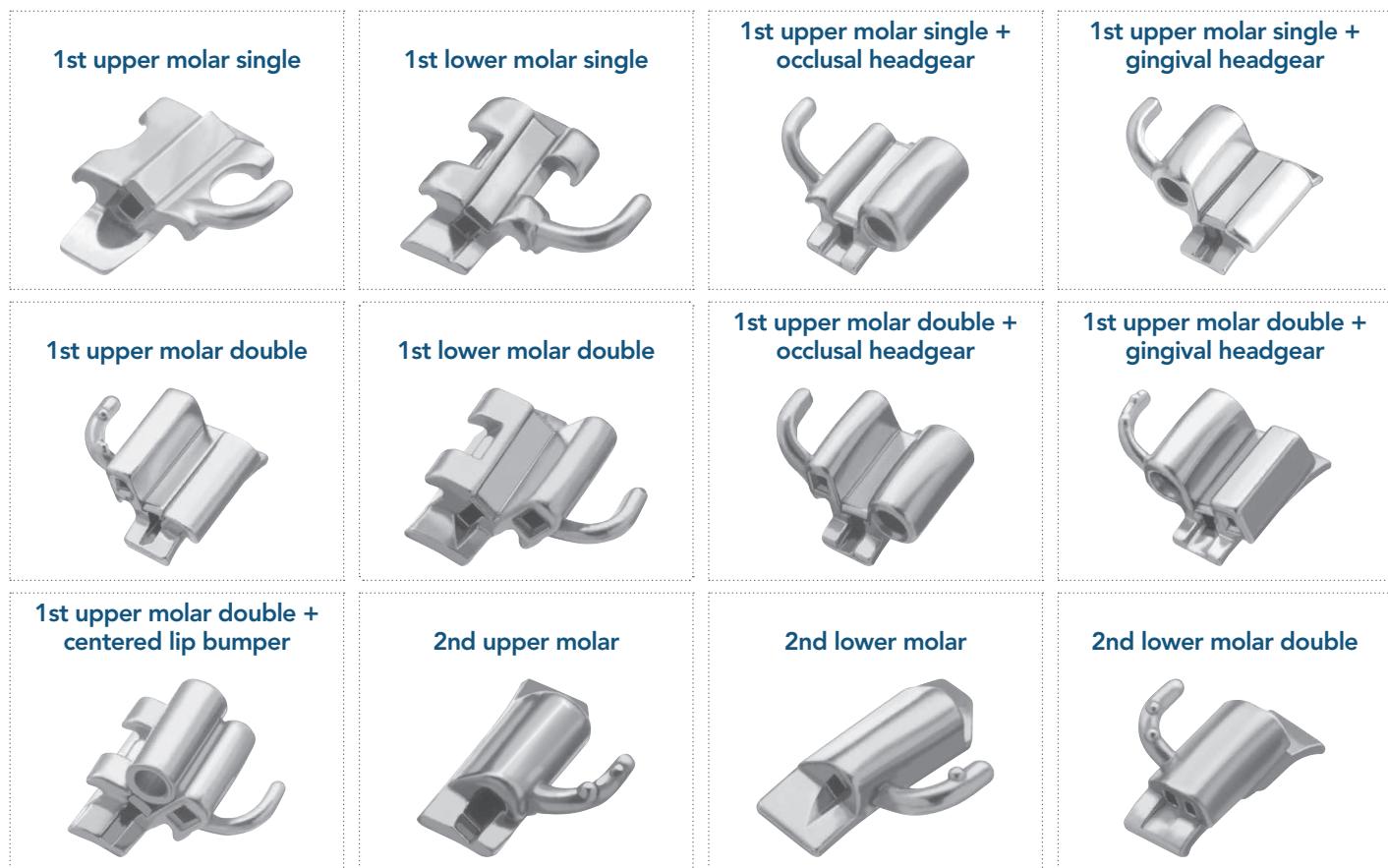
TUBES

Micro Tubes

WELDABLE MICRO TUBES

Designed with the Straight-Wire method in mind, Micro tubes offer a full range of choices that can all be used interchangeably within the Straight-Wire system. The Micro Mesh bases offer smaller mesio-distal and occluso-gingival dimensions for bonding on short clinical crowns or in cases of gingival interference.

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TUBES

Bondable Tubes

FIRST MAXILLARY MOLAR

Convertible / Non convertible	Tube	Torque	Distal Offset	Angulation	Slot Size			
					.018 L	.018 R	.022 L	.022 R
SINGLE TUBE								
Convertible	Micro tube	-09 °	+10 °	0 °	437-0132	437-0032	438-0155	438-0055
		-14 °	+14 °	0 °	437-0134	437-0034	438-0156	438-0056
	Peerless	0 °	+05 °	0 °	340-2226	340-2326	342-2226	342-2326
		-10 °	+10 °	0 °	340-2106	340-2006	342-2106	342-2006
		-10 °	+15 °	0 °	340-2359	340-2259	342-2359	342-2259
		-09 °	0 °	0 °			342-2120	342-2020
		-10 °	+15 °	0 °	340-2110	340-2010	342-2110	342-2010
	Snaplink	-18 °	+12 °	0 °			438-2161	438-2160
Non convertible	Accent	-10 °	+15 °	0 °	340-5116	340-4116	342-5115	342-4115
	Accent Mini	-14 °	+10 °	0 °	340-1365	340-1364	342-1365	342-1364
		-18 °	+12 °	0 °			513-0163	513-0162
		-10 °	+10 °	0 °	448-1201	448-0201	449-1201	449-0201
	Titanium	-10 °	+15 °	0 °	448-2116	448-2016	449-2116	449-2016
		-10 °	+12 °	0 °			449-1011	449-0011
		-18 °	+12 °	0 °				
DOUBLE TUBE + OCCLUSAL HEADGEAR								
Convertible	Peerless	-10 °	+12 °	0 °	340-0036	340-0136	342-0036	342-0136
SINGLE TUBE + OCCLUSAL HEADGEAR								
Convertible	Micro tube	-14 °	+14 °	0 °			438-0160	438-0060
SINGLE TUBE + GINGIVAL HEADGEAR								
Convertible	Micro tube	-09 °	+10 °	+05 °			438-0140	438-0037
		-09 °	+10 °	0 °			438-0136	438-0036
		-14 °	+14 °	+02 °			438-0141	438-0041
		-14 °	+14 °	0 °			438-0148	438-0048
DOUBLE TUBE								
Convertible	Micro tube	-14 °	+14 °	0 °			438-0174	438-0074
Convertible	Peerless	-10 °	+12 °	0 °	340-0536	340-0436	342-0535	342-0435
Non convertible	Accent	-10 °	+15 °	0 °	340-1240	340-0240	342-1239	342-0239
DOUBLE TUBE + OCCLUSAL HEADGEAR								
Convertible	Micro tube	-09 °	+10 °	+05 °	437-0138	437-0038		
		-09 °	+10 °	0 °			438-0164	438-0064
		-14 °	+14 °	0 °			438-0165	438-0065

TUBES

Bondable Tubes

FIRST MANDIBULAR MOLAR

Convertible / Non convertible	Tube	Torque	Distal Offset	Angulation	Slot Size			
					.018 L	.018 R	.022 L	.022 R
SINGLE TUBE								
Convertible	Micro tube	-10 °	0 °	0 °	437-0110	437-0010	438-0112	438-0012
		-30 °	+04 °	-01 °	437-0108	437-0008	438-0106	438-0006
		-30 °	0 °	+02 °	437-0104	437-0004	438-0101	438-0001
	Peerless	0 °	+05 °	0 °	340-2226	340-2326	342-2226	342-2326
		-10 °	0 °	0 °	340-2356	340-2256	342-2356	342-2256
		-10 °	-04 °	0 °	340-2358	340-2258	342-2358	342-2258
		-22 °	+05 °	0 °	340-2306	340-2206	342-2306	342-2206
		-27 °	+05 °	0 °	340-2316	340-2216	342-2316	342-2216
	Peerless gingivally offset	-10 °	0 °	0 °	340-2111	340-2011	342-2111	342-2011
		-30 °	+02 °	+02 °			342-2121	342-2021
	Snaplink	-28 °	+02 °	+02 °			438-2191	438-2190
Non convertible	Accent	-10 °	0 °	0 °	340-5118	340-4118	342-5117	342-4117
		-22 °	+05 °	0 °	340-5122	340-4122	342-5121	342-4121
		-27 °	+05 °	0 °	340-5132	340-4132	342-5131	342-4131
	Accent Mini	-20 °	0 °	0 °	340-1367	340-1366	342-1367	342-1366
		-28 °	+02 °	+02 °			513-0165	513-0164
	Titanium	-10 °	0 °	0 °	448-2126	448-2026	449-2126	449-2026
		-22 °	+05 °	0 °	448-1206	448-0206	449-1206	449-0206
		-22 °	0 °	0 °	448-1204	448-0204	449-1204	449-0204
		-28 °	+02 °	+02 °			449-1015	449-0015
DOUBLE TUBE								
Convertible	Micro tube	-30 °	+04 °	-01 °	437-0114	437-0014	438-0119	438-0019
		-30 °	0 °	+02 °			438-0116	438-0016
	Peerless	-10 °	0 °	0 °	340-0156	340-0046	342-0156	342-0046
		-27 °	+05 °	0 °	340-0526	340-0426	342-0525	342-0425
Non convertible	Accent	-10 °	0 °	0 °	340-1236	340-0236	342-1241	342-0241
		-27 °	+05 °	0 °	340-1232	340-0232	342-1231	342-0231

TUBES

Bondable Tubes

SECOND MAXILLARY MOLAR

Convertible / Non convertible	Tube	Torque	Distal Offset	Angulation	Distal Extension	Slot Size			
						.018 L	.018 R	.022 L	.022 R
SINGLE TUBE									
Non convertible	Accent	0 °	+05 °	0 °	Yes	340-5202	340-4202	342-5201	342-4201
		-10 °	+05 °	0 °		340-5112	340-4112	342-5111	342-4111
		-10 °	+05 °	0 °	Yes	340-5212	340-4212	342-5211	342-4211
		-10 °	+15 °	0 °	Yes	340-5216	340-4216	342-5215	342-4215
	Accent Mini	-14 °	+10 °	0 °		340-1375	340-1374	342-1375	342-1374
		-27 °	+06 °	0 °				513-0171	513-0170
	Micro tube	0 °	0 °	0 °				438-0090	438-0090
		-09 °	+10 °	0 °		437-0143	437-0043	438-0176	438-0076
		-09 °	+10 °	+05 °		437-0144	437-0044	438-0177	438-0077
		-14 °	+14 °	0 °		437-0148	437-0048	438-0185	438-0085
		-14 °	+14 °	+02 °				438-0180	438-0080
		-14 °	0 °	0 °				438-0184	438-0084
	Mini Peerless	0 °	0 °	0 °		340-0011	340-0012	342-0011	342-0012
		-10 °	0 °	0 °		340-0013	340-0014	342-0013	342-0014
Convertible	Peerless	0 °	+06 °	0 °	Yes	340-4807	340-4707	342-4807	342-4707
		0 °	+06 °	0 °		340-6807	340-6707	342-6807	342-6707
		-10 °	+06 °	0 °	Yes	340-5147	340-5047	342-5147	342-5047
		-10 °	+06 °	0 °		340-6147	340-6047	342-6147	342-6047
	Pix	-10 °	+12 °	0 °		340-0556	340-0456	342-0555	342-0455
		0 °	0 °	0 °		300-0098	300-0098	300-0099	300-0099
	Titanium	-10 °	+06 °	0 °		448-1202	448-0202	449-1202	449-0202
		-10 °	+15 °	0 °		448-2117	448-2017	449-2117	449-2017
		-27 °	+06 °	0 °		448-1203	448-0203	449-1203	449-0203
DOUBLE TUBE									
Convertible	Micro tube	-14 °	+14 °	0 °				438-0188	438-0088

TUBES

Bondable Tubes

SECOND MANDIBULAR MOLAR

Convertible / Non convertible	Tube	Torque	Distal Offset	Angulation	Distal Extension	Slot Size			
						.018 L	.018 R	.022 L	.022 R
SINGLE TUBE									
Non convertible	Accent	0 °	+05 °	0 °	Yes	340-4202	340-5202	342-4201	342-5201
		-10 °	+05 °	0 °	Yes	340-4214	340-5214	342-4213	342-5213
		-10 °	+05 °	0 °		340-4114	340-5114	342-4113	342-5113
		-22 °	+05 °	0 °		340-5122	340-4122	342-5121	342-4121
		-27 °	+05 °	0 °		340-5132	340-4132	342-5131	342-4131
		-27 °	+05 °	0 °	Yes	340-5232	340-4232	342-5231	342-4231
	Accent Mini	-10 °	+05 °	0 °		340-1377	340-1376	513-0173	513-0172
	Micro tube	-10 °	0 °	+02 °		437-0121	437-0021	438-0133	438-0033
		-27 °	+02 °	0 °				438-0134	438-0034
		-30 °	+04 °	-01 °		437-0120	437-0020	438-0131	438-0031
		-31 °	+04 °	-01 °				438-0128	438-0028
		-31 °	0 °	+02 °		437-0116	437-0016	438-0126	438-0026
	Mini Peerless	0 °	0 °	0 °		340-0012	340-0011	342-0012	342-0011
		-22 °	0 °	0 °		340-0015	340-0016	342-0015	342-0016
	Peerless	0 °	+06 °	0 °	Yes	340-4707	340-4807	342-4707	342-4807
		0 °	+06 °	0 °		340-6707	340-6807	342-6707	342-6807
		-10 °	+06 °	0 °	Yes	340-5057	340-5157	342-5057	342-5157
		-10 °	+06 °	0 °		340-6057	340-6157	342-6057	342-6157
		-20 °	+06 °	0 °	Yes	340-5317	340-5217	342-5317	342-5217
		-20 °	+06 °	0 °				342-6317	342-6217
		-27 °	+06 °	0 °	Yes	340-5327	340-5227	342-5327	342-5227
		-27 °	+06 °	0 °		340-6327	340-6227	342-6327	342-6227
		-27 °	+12 °	0 °		340-0546	340-0446	342-0545	342-0445
		-32 °	+06 °	0 °	Yes	340-5337	340-5237	342-5337	342-5237
	Pix	0 °	0 °	0 °		300-0098	300-0098	300-0099	300-0099
	Titanium	-10 °	+05 °	0 °		448-2127	448-2027	449-2127	449-2027
		-22 °	+05 °	0 °		448-1205	448-0205	449-1205	449-0205

TUBES

Weldable Tubes

FIRST MAXILLARY MOLAR

Convertible / Non convertible	Tube	Torque	Distal Offset	Angulation	Distal Extension	Slot Size			
						.018 L	.018 R	.022 L	.022 R
SINGLE TUBE									
Convertible	Micro tube	-09 °	+10 °	0 °	Yes	137-0006	138-0006	137-0001	138-0001
		-09 °	+10 °	+05 °	Yes			137-0003	138-0003
		-14 °	+14 °	0 °	Yes	137-0008	138-0008	137-0011	138-0011
	Peerless	0 °	+05 °	0 °		188-0302	187-0302	188-0301	187-0301
		0 °	0 °	0 °		190-0302	189-0302	190-0301	189-0301
		-10 °	+10 °	0 °		187-0308	188-0308	187-0307	188-0307
		-10 °	+15 °	0 °		189-0318	190-0318	189-0317	190-0317
Non convertible	SL Damon	-18 °	+12 °	0 °				513-1243	513-1244
Non convertible	Accent	-10 °	+15 °	0 °		515-0116	514-0116	515-0115	514-0115
SINGLE TUBE + OCCLUSAL HEADGEAR									
Convertible	Micro tube	-09 °	+10 °	0 °	Yes	137-0054	138-0054	137-0101	138-0101
		-09 °	+10 °	+05 °	Yes	137-0056	138-0056	137-0103	138-0103
		-14 °	+14 °	0 °	Yes	137-0062	138-0062	137-0115	138-0115
	Peerless	0 °	+10 °	0 °		195-0206	196-0206	195-0205	196-0205
		0 °	0 °	0 °		195-0208	196-0208		
		-10 °	+10 °	0 °		195-0202	196-0202	195-0201	196-0201
		-10 °	+10 °	-01 °		195-0204*	196-0204*	195-0203*	196-0203*
Convertible	Micro tube	-10 °	+15 °	0 °		195-0210	196-0210	195-0209	196-0209
		-10 °	+15 °	-01 °		195-0212*	196-0212*	195-0211*	196-0211*
		-14 °	+14 °	0 °	Yes	137-0018	138-0018	137-0015	138-0015
		-14 °	+10 °	+05 °	Yes	137-0020	138-0020	137-0017	138-0017
	Peerless	-14 °	+14 °	+02 °	Yes	137-0034	138-0034	137-0049	138-0049
		0 °	0 °	0 °		193-0102	194-0102	193-0101	194-0101
Convertible	Micro tube	-10 °	+10 °	0 °		193-0106	194-0106	193-0105	194-0105
		-10 °	+10 °	-01 °				193-0107*	194-0107*
		-14 °	+14 °	0 °	Yes	137-0036	138-0036		
	Peerless	-10 °	+10 °	0 °		193-0106	194-0106	193-0105	194-0105
		-10 °	+10 °	-01 °				193-0107*	194-0107*
		-14 °	+14 °	0 °	Yes	137-0034	138-0034	137-0049	138-0049
DOUBLE TUBE									
Convertible	Micro tube	-09 °	+10 °	0 °	Yes			137-0019	138-0019
		-09 °	+10 °	+05 °	Yes			137-0021	138-0021
		-14 °	+14 °	0 °	Yes	137-0206	138-0206	137-0061	138-0061
	Peerless	-10 °	+12 °	0 °		171-0436	172-0436	171-0435	172-0435
Non convertible	Accent	-10 °	+15 °	0 °		521-0238	520-0238	521-0239	520-0239
DOUBLE TUBE + OCCLUSAL HEADGEAR									
Convertible	Micro tube	-09 °	+10 °	0 °	Yes	137-0082	138-0082	137-0135	138-0135
		-09 °	+10 °	+05 °	Yes	137-0084	138-0084	137-0137	138-0137
		-10 °	+15 °	0 °	Yes	137-0074	138-0074		
		-14 °	+14 °	0 °	Yes	137-0086	138-0086	137-0139	138-0139
		-14 °	0 °	0 °	Yes			137-0141	138-0141
	Peerless	0 °	+10 °	0 °		173-0428	174-0428	173-0427	174-0427
		0 °	+10 °	-01 °		173-0430*	174-0430*		
Convertible	Micro tube	-10 °	+10 °	0 °		173-0424	174-0424	173-0423	174-0423
		-10 °	+15 °	0 °		173-0422	174-0422	173-0421	174-0421
		-10 °	+15 °	+02 °		173-1422	174-1422	173-1421	174-1421
		-30 °	+10 °	+02 °		173-0426*	174-0426*	173-0425*	174-0425*
		-14 °	+14 °	0 °	Yes	137-0096	138-0096	137-0161	138-0161
	Peerless	0 °	+10 °	0 °		193-0402	194-0402		
	Peerless	-10 °	+10 °	0 °		193-0406	194-0406	193-0405	194-0405
DOUBLE TUBE + GINGIVAL HEADGEAR									

*Occlusal headgear diameter of .051"

TUBES

Weldable Tubes

FIRST MANDIBULAR MOLAR

Convertible / Non convertible	Tube	Torque	Distal Offset	Angulation	Distal Extension	Slot Size			
						.018 L	.018 R	.022 L	.022 R
SINGLE TUBE									
Convertible	Micro tube	-10 °	0 °	0 °	Yes	137-0132	138-0132	137-0231	138-0231
		-30 °	+04 °	-01 °	Yes	137-0126	138-0126	137-0211	138-0211
		-30 °	+04 °	+01 °	Yes	137-0134	138-0134	137-0207	138-0207
		-30 °	+06 °	+02 °	Yes			137-0213	138-0213
		-30 °	0 °	+02 °	Yes	137-0122	138-0214	137-0193	138-0193
	Peerless	0 °	+05 °	0 °		187-0302	188-0302	187-0301	188-0301
		0 °	0 °	0 °		189-0302	190-0302	189-0301	190-0301
		-10 °	0 °	0 °		189-0300	190-0300	189-0299	190-0299
		-10 °	-04 °	0 °		189-0310	190-0310	189-0309	190-0309
		-22 °	+05 °	0 °		187-0304	188-0304	187-0303	188-0303
	SL Damon	-22 °	0 °	0 °		189-0304	190-0304	189-0303	190-0303
		-27 °	+05 °	0 °		187-0306	188-0306	187-0305	188-0305
		-27 °	0 °	0 °		189-0306	190-0306	189-0305	190-0305
		-28 °	+02 °	+02 °				513-1241	513-1242
		-10 °	0 °	0 °		515-0118	514-0118	515-0117	514-0117
Non convertible	Accent	-22 °	+05 °	0 °		515-0122	514-0122	515-0121	514-0121
SINGLE TUBE + CENTRAL LIP BUMPER									
Non convertible	Micro tube	-30 °	+04 °	-01 °	Yes	137-0144	138-0144	137-0235	138-0235
SINGLE TUBE + GINGIVAL LIP BUMPER									
Convertible	Peerless	-10 °	0 °	0 °		175-0104	176-0104	175-0103	176-0103
		-25 °	+05 °	-05 °		175-0102	176-0102	175-0101	176-0101
DOUBLE TUBE									
Convertible	Micro tube	-27 °	+12 °	0 °	Yes	137-0154	138-0154		
		-30 °	+04 °	+01 °	Yes	137-0166	138-0166	137-0247	138-0247
		-30 °	0 °	+02 °	Yes	137-0162	138-0162	137-0241	138-0241
		-30 °	0 °	0 °	Yes			137-0257	138-0257
	Peerless	0 °	+05 °	0 °		171-0432	172-0432	171-0431	172-0431
		-10 °	0 °	-01 °		171-0412	172-0412	171-0411	172-0411
		-22 °	+05 °	0 °		171-0434	172-0434	171-0433	172-0433
		-27 °	+05 °	0 °		171-0426	172-0426	171-0425	172-0425
		-27 °	+12 °	0 °		171-0422	172-0422	171-0421	172-0421
		-27/-17 °	+05 °	0 °		171-0430	172-0430	171-0429	172-0429
Non convertible	Accent	-10 °	0 °	0 °		521-0236	520-0236	521-0237	520-0237
		-27 °	+05 °	0 °		521-0232	520-0232	521-0231	520-0231
DOUBLE TUBE + CENTRAL LIP BUMPER									
Non convertible	Peerless	-27 °	+05 °	0 °		171-0626	172-0626	171-0625	172-0625
DOUBLE TUBE + LIP BUMPER GINGIVAL									
Convertible	Micro tube	-30 °	+04 °	+01 °	Yes	137-0186	138-0186	137-0269	138-0269
		-27 °	+05 °	0 °		171-0872	172-0872		

TUBES

Weldable Tubes

SECOND MAXILLARY MOLAR

Convertible / Non convertible	Tube	Torque	Distal Offset	Angulation	Distal Extension	Slot Size			
						.018 L	.018 R	.022 L	.022 R
SINGLE TUBE									
Non convertible	Accent	0 °	+05 °	0 °	Yes	515-0202	514-0202	515-0201	514-0201
		-10 °	+05 °	0 °		515-0112	514-0112	515-0111	514-0111
		-10 °	+05 °	0 °	Yes	515-0212	514-0212	515-0211	514-0211
		-10 °	+15 °	0 °	Yes	515-0216	514-0216	515-0215	514-0215
	Micro tube	-09 °	+10 °	0 °	Yes	137-0098	138-0098	137-0167	138-0167
		-09 °	+10 °	+05 °	Yes	137-0100	138-0100	137-0169	138-0169
		-14 °	+14 °	0 °	Yes	137-0106	138-0106	137-0181	138-0181
		-14 °	+14 °	+02 °	Yes			137-0173	138-0173
		-14 °	0 °	0 °	Yes			137-0191	138-0191
	Peerless	0 °	+06 °	0 °	Yes	513-2102	512-2102	513-2101	512-2101
		0 °	+06 °	0 °		513-2202	512-2202	513-2201	512-2201
		-10 °	+06 °	0 °	Yes	512-2110	513-2110	512-2109	513-2109
		-10 °	+06 °	0 °		512-2210	513-2210	512-2209	513-2209
		-10 °	+12 °	0 °		516-2104	517-2104	516-2103	517-2103
		-10 °	+12 °	0 °	Yes	516-2204	517-2204	516-2203	517-2203
DOUBLE TUBE									
Non convertible	Micro tube	-14 °	+14 °	0 °	Yes			137-0187	138-0187

TUBES

Weldable Tubes

SECOND MANDIBULAR MOLAR

Convertible / Non convertible	Tube	Torque	Distal Offset	Angulation	Distal Extension	Slot Size			
						.018 L	.018 R	.022 L	.022 R
SINGLE TUBE									
Non convertible	Accent	0 °	+05 °	0 °	Yes	515-0202	514-0202	515-0201	514-0201
		-10 °	+05 °	0 °		514-0114	515-0114	514-0113	515-0113
		-10 °	+05 °	0 °	Yes	514-0214	515-0214	514-0213	515-0213
		-27 °	+05 °	0 °		514-0132	515-0132	515-0131	514-0131
		-27 °	+05 °	0 °	Yes	514-0232	515-0232	515-0231	514-0231
	Micro tube	-10 °	0 °	+02 °	Yes	137-0198	138-0198	137-0289	138-0289
		-27 °	+02 °	0 °	Yes			137-0291	138-0291
		-30 °	+04 °	-01 °	Yes	137-0200	138-0200	137-0285	138-0285
		-31 °	+06 °	+02 °	Yes			137-0281	138-0281
		-31 °	0 °	+02 °	Yes	137-0190	138-0190	137-0275	138-0275
	Peerless	0 °	+06 °	0 °	Yes	512-2102	513-2102	512-2101	513-2101
		0 °	+06 °	0 °		512-2202	513-2202	512-2201	513-2201
		-10 °	+06 °	0 °	Yes	512-2120	513-2120	512-2119	513-2119
		-10 °	+06 °	0 °		512-2220	513-2220	512-2219	513-2219
		-20 °	+06 °	0 °	Yes	512-2104	513-2104	512-2103	513-2103
		-20 °	+06 °	0 °		512-2204	513-2204	512-2203	513-2203
		-27 °	+06 °	0 °	Yes	512-2106	513-2106	512-2105	513-2105
		-27 °	+06 °	0 °		512-2206	513-2206	512-2205	513-2205
		-27 °	+12 °	0 °		516-2108	517-2108	516-2107	517-2107
		-32 °	+06 °	0 °	Yes	512-2108	513-2108	512-2107	513-2107

BANDS

► **Ormco Bands / p.62**

- o Washbon™ First Molars p.62
- o Washbon™ Second Molars p.63
- o Trimline™ First Molars p.64
- o Trimline™ Second Molars p.65
- o Bicuspid Bands p.66

► **A + Bands / p.67**

- o Standard High-Retention First Molars p.67
- o Standard High-Retention Second Molars p.68

► **Bands and Crowns for Class II Appliances / p.69**

- o Ultimax Maximum-Retention Molar Bands p.69

BANDS

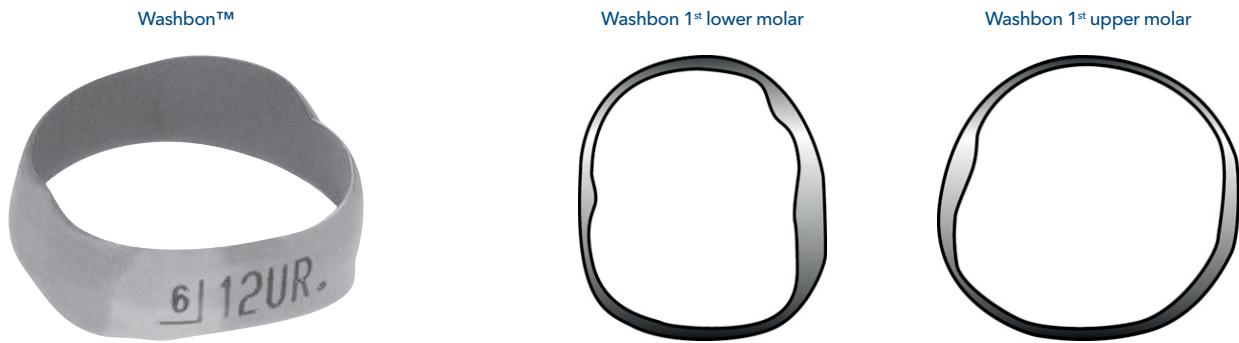
Ormco Bands

WASHBON™ FIRST MOLARS

STANDARD SELECTION

Each kit contains an equal number of left bands and right bands.

- ▶ Shaped to tooth anatomy for a snug, secure fit and optimal retention.
- ▶ Right and left anatomy is proportioned in all sizes for optimum adjustment.
- ▶ Perfect reproduction of the three buccal cusps of the 1st lower molar on the band.



1st maxillary and mandibular molars (suggested kits)

Kit/Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
100 bands	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	6	6	6	6	4	4	4	2	2	2	2	2	2	
200 bands	2	2	2	2	2	2	4	4	6	6	6	8	10	10	10	10	12	12	12	10	10	10	8	8	6	6	6	4	4	2	2	2
400 bands	2	2	4	4	6	6	8	8	10	14	14	16	20	20	24	24	26	26	24	24	20	20	18	14	12	10	8	6	4	2	2	2
800 bands	4	4	6	6	10	10	12	18	24	28	32	34	40	44	48	50	50	50	50	50	44	40	36	26	24	20	14	10	4	4	4	4
100 bands												6	8	8	8	10	10	10	10	8	8	6										

Size	Side	Tooth	U/L	Part Number*
01 to 32	Left	1st molar	U6	378-00XX
01 to 32	Right	1st molar	U6	377-00XX
01 to 32	Left	1st molar	L6	374-00XX
01 to 32	Right	1st molar	L6	373-00XX

* The two "XX" at the end of the part number represent the size of the band.

BANDS

Ormco Bands

WASHBON™ SECOND MOLARS

STANDARD SELECTION

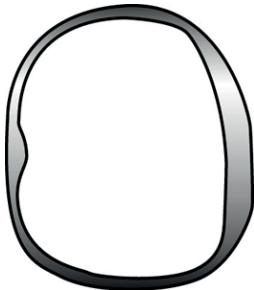
Each kit contains an equal number of left bands and right bands.

- ▶ Occlusal festoon at distal portion of upper 2nd molar band helps eliminate metal overhang and occlusal interference.

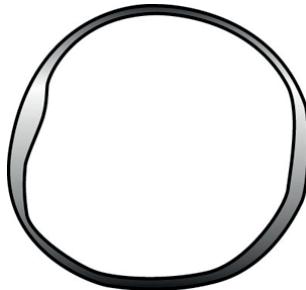
Washbon™



Washbon 2nd lower molar



Washbon 2nd upper molar



2nd maxillary and mandibular molars (suggested kits)

Kit/Number maxillary	97	98	99	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Kit/Number mandibular	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
100 bands	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	4	6	6	6	6	4	4	4	4	2	2	2	2	2	
200 bands	2	2	2	2	2	2	2	4	4	6	6	6	8	10	10	10	10	12	12	12	10	10	10	8	8	6	6	4	4	2	2	2
400 bands	2	2	4	4	6	6	8	8	10	14	14	16	20	20	24	24	26	26	24	24	20	20	18	14	12	10	8	6	4	2	2	2
800 bands	4	4	6	6	10	10	12	18	24	28	32	34	40	44	48	50	50	50	50	50	44	40	36	26	24	20	14	10	4	4	4	4
100 bands																																

Size	Side	Tooth	U/L	Part Number*
97 to 28	Left	2nd molar	U7	372-00XX
97 to 28	Right	2nd molar	U7	371-00XX
01 to 32	Left	2nd molar	L7	376-00XX
01 to 32	Right	2nd molar	L7	375-00XX

* The two "XX" at the end of the part number represent the size of the band.

BANDS

Ormco Bands

TRIMLINE™ FIRST MOLARS

STANDARD SELECTION

Each kit contains an equal number of left bands and right bands.

- ▶ Straight, reduced inter-proximal walls for fast, easy seating.
- ▶ Designed to fit securely below marginal ridges.
- ▶ Positioning of buccal and lingual cusp indents according to size distribution for a precise fit.
- ▶ Perfectly balanced stiffness and adaptability.

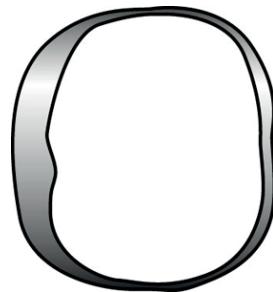
Trimline™



Trimline 1st lower molar



Trimline 1st upper molar



1st maxillary and mandibular molars (suggested kits)

Kit/Number	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
100 bands	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	6	6	6	4	4	4	2	2	2	2	2	2			
200 bands	2	2	2	2	2	2	4	4	6	6	6	8	10	10	10	10	12	12	12	10	10	10	8	8	6	6	6	4	4	2	2	
400 bands	2	2	4	4	6	6	8	8	10	14	14	16	20	20	24	24	26	26	24	24	20	20	18	14	12	10	8	6	4	2	2	
800 bands	4	4	6	6	10	10	12	18	24	28	32	34	40	44	48	50	50	50	50	50	44	40	36	26	24	20	14	10	4	4	4	
100 bands												6	8	8	8	10	10	10	8	8	8	6										

Size	Side	Tooth	U/L	Part Number*
05 to 36	Left	1st molar	U6	480-00XX
05 to 36	Right	1st molar	U6	479-00XX
05 to 36	Left	1st molar	L6	435-00XX
05 to 36	Right	1st molar	L6	434-00XX

* The two "XX" at the end of the part number represent the size of the band.

BANDS

Ormco Bands

TRIMLINE™ SECOND MOLARS

STANDARD SELECTION

Each kit contains an equal number of left bands and right bands.

- ▶ Straight, reduced inter-proximal walls for fast, easy seating.
- ▶ Band seats over the greatest contour.
- ▶ Perfectly balanced stiffness and adaptability.
- ▶ Rounded occlusal edge for greater resistance.

Trimline™



Trimline 2nd lower molar



Trimline 2nd upper molar



2nd maxillary and mandibular molars (suggested kits)

Kit/Number maxillary	97	98	99	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Kit/Number mandibular	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
100 bands	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	4	6	6	6	6	4	4	4	4	2	2	2	2	2	
200 bands	2	2	2	2	2	2	2	4	4	6	6	6	8	10	10	10	10	12	12	12	10	10	10	8	8	6	6	4	4	2	2	2
400 bands	2	2	4	4	6	6	8	8	10	14	14	16	20	20	24	24	26	26	24	24	20	20	18	14	12	10	8	6	4	2	2	2
800 bands	4	4	6	6	10	10	12	18	24	28	32	34	40	44	48	50	50	50	50	50	44	40	36	26	24	20	14	10	4	4	4	4
100 bands																																

Size	Side	Tooth	U/L	Part Number*
97 to 28	Left	2nd molar	U7	487-00XX
97 to 28	Right	2nd molar	U7	486-00XX
01 to 32	Left	2nd molar	L7	489-00XX
01 to 32	Right	2nd molar	L7	488-00XX

* The two "XX" at the end of the part number represent the size of the band.

BANDS

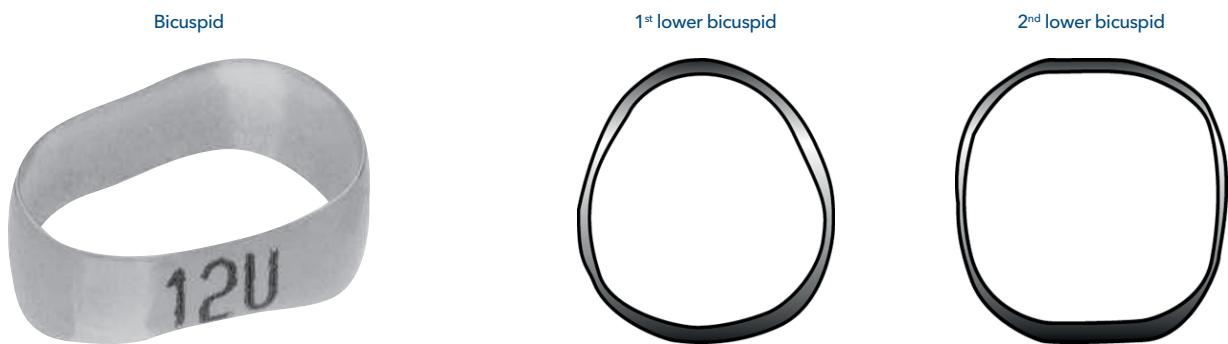
Ormco Bands

BICUSPID BANDS

STANDARD SELECTION

Each kit contains an equal number of left bands and right bands.

- ▶ Tooth-specific size for maximal retention with no occlusal interference.
- ▶ Designed to seat over the marginal ridges with a precise gingival contour.



Maxillary bicuspids / 1st mandibular bicuspids / 2nd mandibular bicuspids (suggested kits)

Kit/Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
100 bands	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	6	6	6	6	4	4	4	4	2	2	2	2	2	2	
200 bands	2	2	2	2	2	2	4	4	6	6	6	8	10	10	10	10	12	12	12	10	10	10	8	8	6	6	6	4	4	2	2	2
400 bands	2	2	4	4	6	6	8	8	10	14	14	16	20	20	24	24	26	26	24	24	20	20	18	14	12	10	8	6	4	2	2	2
800 bands	4	4	6	6	10	10	12	18	24	28	32	34	40	44	48	50	50	50	50	50	44	40	36	26	24	20	14	10	4	4	4	4
100 bands												6	8	8	8	10	10	10	10	8	8	8	6									

Size	Side	Tooth	U/L	Part Number*
01 to 32	Left and right	universal upper bicuspid	U4/5	331-01XX
01 to 32	Left and right	lower 1st bicuspid	L4	332-01XX
01 to 32	Left and right	2nd lower bicuspid	L5	330-01XX

* The two "XX" at the end of the part number represent the size of the band.

BANDS

A + Bands

STANDARD HIGH-RETENTION FIRST MOLARS

STANDARD SELECTION

Each kit contains an equal number of left bands and right bands.

- ▶ Anatomical design with buccal cusp groove indentation and lingual cusp contour.
- ▶ Ideal band/tooth adaptation and reduced occlusal interference.
- ▶ Fits over the greatest contour while the lingual seats toward the gingiva.
- ▶ Interior of bands are micro-etched to increase retention.

A+ upper 1st molar



1st molars (suggested kits)

Kit/Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
100 bands	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	6	6	6	6	4	4	4	4	2	2	2	2	2	2	
200 bands	2	2	2	2	2	2	4	4	6	6	6	8	10	10	10	10	12	12	12	10	10	10	8	8	6	6	6	4	4	2	2	2
400 bands	2	2	4	4	6	6	8	8	10	14	14	16	20	20	24	24	26	26	24	24	20	20	18	14	12	10	8	6	4	2	2	2
800 bands	4	4	6	6	10	10	12	18	24	28	32	34	40	44	48	50	50	50	50	50	44	40	36	26	24	20	14	10	4	4	4	4
100 bands												6	8	8	8	10	10	10	10	8	8	8	6									

Size	Side	Tooth	U/L	Part Number*
01 to 32	Left	1st molar	U6	652-01XX
01 to 32	Right	1st molar	U6	651-01XX
01 to 32	Left	1st molar	L6	654-01XX
01 to 32	Right	1st molar	L6	653-01XX

* The two "XX" at the end of the part number represent the size of the band.

BANDS

A + Bands

STANDARD HIGH-RETENTION SECOND MOLARS

STANDARD SELECTION

Each kit contains an equal number of left bands and right bands.

- ▶ Anatomical design with lingual/buccal cusp indentation.
- ▶ Band seats at height of contour avoiding occlusal interference.
- ▶ Contour helps prevent gingival impingement.
- ▶ Interior of bands are micro-etched to increase retention.

A+ 2nd upper molar



2nd molars (suggested kits)

Kit/Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
100 bands	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	6	6	6	6	4	4	4	2	2	2	2	2	2		
200 bands	2	2	2	2	2	2	4	4	6	6	6	8	10	10	10	10	12	12	12	10	10	10	8	8	6	6	6	4	4	2	2	
400 bands	2	2	4	4	6	6	8	8	10	14	14	16	20	20	24	24	26	26	24	24	20	20	18	14	12	10	8	6	4	2	2	
800 bands	4	4	6	6	10	10	12	18	24	28	32	34	40	44	48	50	50	50	50	50	44	40	36	26	24	20	14	10	4	4	4	
100 bands												6	8	8	8	10	10	10	8	8	8	6										

Size	Side	Tooth	U/L	Part Number*
01 to 32	Left	2nd molar	U7	652-00XX
01 to 32	Right	2nd molar	U7	651-00XX
01 to 32	Left	2nd molar	L7	654-00XX
01 to 32	Right	2nd molar	L7	653_00XX

* The two "XX" at the end of the part number represent the size of the band.

BANDS

Bands and Crowns for Class II Appliances

ULTIMAX MAXIMUM-RETENTION MOLAR BANDS

As an alternative to crowns, Ultimax deliver the strength required for use with Class II appliances.

Ultimax upper 1st molar



Ultimax upper 2nd molar



Ultimax maximum-retention molars bands (suggested kits)

Kit/Number	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
100 bands	2	2	2	2	2	2	2	4	4	4	4	4	4	4	6	6	6	4	4	4	4	2	2	2	2	2	
200 bands	2	2	4	4	6	6	6	8	10	10	10	10	10	12	12	12	10	10	10	8	8	6	6	6	4	4	2
400 bands	6	6	8	8	10	14	14	16	20	20	24	24	26	26	24	24	20	20	18	14	12	10	8	6	4	2	
800 bands	10	10	12	18	24	28	32	34	40	44	48	50	50	50	50	50	44	40	36	26	24	20	14	10	4	4	
100 bands								6	8	8	8	10	10	10	10	8	8	8	6								

Size	Side	Tooth	U/L	Part Number*
05 to 36	Left	1st molar	U6	458-00XX
05 to 36	Right	1st molar	U6	457-00XX
05 to 36	Left	1st molar	L6	460-00XX
05 to 36	Right	1st molar	L6	459-00XX

* The two "XX" at the end of the part number represent the size of the band.

WELDABLE LINGUAL ATTACHMENTS

► **Buttons, Cleats and other Lingual Attachments / p.72**

- o Buttons, Cleats and Lugs p.72
- o Hooks and Weldable Eyelets p.73
- o Lingual Sheaths p.74
- o Burstone Sheaths and Brackets p.76

WELDABLE LINGUAL ATTACHMENTS

Buttons, Cleats and other Lingual Attachments

BUTTONS, CLEATS AND LUGS

Ormco/A+ Weldable Lingual Buttons

Integral one-piece weldable Ormco/A+ lingual buttons have a curved design and rounded contours for patient comfort.

Available with a variety of base contours for a precise fit and minimal deformation.

- ▶ Ormco: pack of 10
- ▶ A+: pack of 100

Designation	Part Number
Ormco flat base	610-0001
Ormco curved base	610-0002
Ormco molar base	610-0003
A+ curved base	704-4025
A+ flat base	704-4026



Ormco/A+ Weldable Lingual Cleats

Precise manufacturing ensures uniform shape and size.

The wings may be flattened against the tooth for patient comfort when not in use. The molar cleat is larger and thicker for more optimal retention.

Ormco weldable lingual cleat:

- ▶ Bicuspid: 5 mm
- ▶ Molar: 6.9 mm
- ▶ Pack of 10

A+ weldable lingual cleat:

- ▶ Pack of 100



Designation	Part Number
Ormco molar	613-0010
Ormco bicuspid	613-0012
A+ bicuspid and molar	704-4024



Ormco Weldable Lingual Lugs

Lingual lugs facilitate band placement. Rounded base for easy welding. Double molar lingual lug.

- ▶ Pack of 100

Designation	Part Number
Bicuspid	615-0201
Molar	615-0301



WELDABLE LINGUAL ATTACHMENTS

Buttons, Cleats and other Lingual Attachments

HOOKS AND WELDABLE EYELETS

Auxiliary Weldable Hooks for Elastics

Provided with a handle for easy welding and rounded contours for greater patient comfort

- ▶ Pack of 10
646-0001



Flat Wire Direct Weldable Ball Hooks for Elastics

Buccal or lingual hooks for elastics.

- ▶ Pack of 10
242-0100



Flat Wire Weldable Ball Hooks for Elastics

A bayonet ensures patient comfort and reduces soft-tissue irritation.

- ▶ Pack of 10
613-0015



Ormco Eyelet

The eyelet is small and is used to attach elastics to unobstructed impacted teeth.

- ▶ Pack of 10
612-0001



WELDABLE LINGUAL ATTACHMENTS

Buttons, Cleats and other Lingual Attachments

LINGUAL SHEATHS

Used horizontally with .036" x .072" opening and locking indent. Doubled wire with .036" cross-section fits perfectly in the locking indent stabilizing the archwire position and holding the wire firmly in place. The locking indent also serves as a stop and is often distal to the maxillary (distal insertion) and mesial to the mandibular (mesial insertion).

Lingual Sheath without Hook

► Pack of 10

Designation	Part Number
.036" x .072" with locking indent	672-3672



Lingual Sheath with 2.2 mm Disto/Mesio-Gingival Ball Hook

► Pack of 10

Designation	Part Number
UR / LL disto-gingival	675-3671
UR / LL mesio-gingival	675-3673
UL / LR disto-gingival	676-3671
UL / LR mesio-gingival	676-3673



Lingual Sheath with 3.2 mm Disto-Gingival Ball Hook

► Pack of 10

Designation	Part Number
UR / LL disto-gingival	675-3672
UL / LR disto-gingival	676-3672



WELDABLE LINGUAL ATTACHMENTS

Buttons, Cleats and other Lingual Attachments

LINGUAL SHEATHS

Used horizontally with .036" x .072" opening and locking indent. Doubled wire with .036" cross-section fits perfectly in the locking indent stabilizing the archwire position and holding the wire firmly in place. The locking indent also serves as a stop and is often distal to the maxillary (distal insertion) and mesial to the mandibular (mesial insertion).

Lingual Sheath with Mesial / Distal Hook

▶ Pack of 10

Designation	Part Number
UL / LR	673-3672
UR / LL	674-3672



Dr Decker Lingual Sheath with Hook

▶ Pack of 10

Designation	Part Number
UL / LR	677-3672
UR / LL	678-3672



WELDABLE LINGUAL ATTACHMENTS

Buttons, Cleats and other Lingual Attachments

BURSTONE SHEATHS AND BRACKETS

Vertical Insertion Lingual Sheath

- ▶ Used with all lingual attachments with vertical insertion tabs
- ▶ Adapts to 1st and 2nd molar bands. Fits both left and right
- ▶ Pack of 25

704-4001



Lingual Sheath with Window

Smaller mesio-distal base for adaptation of either first or second molar bands. Fits both left and right.

- ▶ With hooks
- ▶ Pack of 25

704-4012



Ormco Insert for Lingual Sheath for Greater Comfort

Reduces soft tissue irritation when lingual arch is not in use.

- ▶ Radio-opaque for greater safety
- ▶ Pack of 40

672-3000



Dr Burstone Weldable Precision Lingual Bracket

This bracket is .032" x .032". Preformed stainless steel and TMA lingual archwires offer greater flexibility for both active and passive applications.

Built-in torque facilitates archwire adjustments.

Designation	Part Number
Upper molar	134-0001
Lower molar	134-0010



ARCHWIRES

► **Wire Stiffness Guide / p.80**

► **SmartArch™ / p.82**

► **Copper Ni-Ti™ / p.83**

► **TMA / p.85**

► **Other Materials / p.86**

► **Ormco Arch Forms / p.87**

o Damon™	p.87
o Orthos™	p.88
o Broad Arch™	p.89
o Tru-Arch™	p.90
o Vari-Simplex™	p.91
o Standard (Blank)	p.92
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o Lingual - Burstone	p.94

► **Buccal Archwires / p.95**

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o Orthos Arch Form	p.97
o Broad Arch Form	p.99
o Tru-Arch™ Form	p.102
o Vari-Simplex™ Arch Form	p.106
o Roth Arch Form	p.107
o Standard Arch Form (Blank)	p.107
o Reversed Curve of Spee.....	p.108

► **Lingual Archwires / p.109**

- STB Arch Form p.109
- Mushroom Arch Form..... p.109
- Standard Arch Form (Blank) p.110
- Burstone p.111

► **Wire Lengths / p.112**

- 35°C Copper Ni-Ti..... p.112
- TMA..... p.112
- Stainless Steel p.112

► **Marking and Checking Archwires / p.114**

- Preformed Arch Form Templates p.114

ARCHWIRES

Wire Stiffness Guide

* Suggested use for degree of malocclusion.

ARCHWIRES

Wire Stiffness Guide

WIRE TYPE	Severe* Malocclusion					
	g-cm	200	400	600	800	1000
Align™ XF (cont'd)	.016 x .022					
	.017 x .017					
	.017 x .025					
	.019 x .025					
	.020 x .020					
	.021 x .025					
Align™ SE 200	.014					
	.016					
	.018					
	.020					
	.016 x .022					
	.017 x .017					
	.017 x .025					
	.019 x .025					
	.020 x .020					
	.021 x .025					
Copper Ni-Ti™ 27°C	.014					
	.016					
	.018					
	.016 x .022					
	.014 x .025					
	.016 x .025					
	.017 x .025					
	.019 x .025					
	.019 x .025					
Copper Ni-Ti™ 35°C	.016					
	.018					
	.016 x .022					
	.017 x .017					
	.017 x .025					
	.019 x .025					
	.020 x .020					
	.021 x .025					
Copper Ni-Ti™ 40°C	.016 x .022					
	.017 x .025					
	.019 x .025					
	.021 x .025					
D-Rect™	.016 x .022					
	.017 x .025					
	.018 x .025					
	.019 x .025					
	.021 x .025					
Turbo Wire™	.017 x .025					
	.021 x .025					
Respond™	.0155					
	.0175					
	.0195					
	.0215					

* Suggested use for degree of malocclusion.

KLEEN PAK™ wire dispenser system

Archwires are individually packaged and sealed in the Kleen Pak™ and Patient Pack™ single-patient systems.

This attractive archwire dispenser can be placed on any flat surface or conveniently wall mounted. Dispenser fits both Kleen Pak and Patient Pack systems.

771-0012

Dispenser



ARCHWIRES

SmartArch™

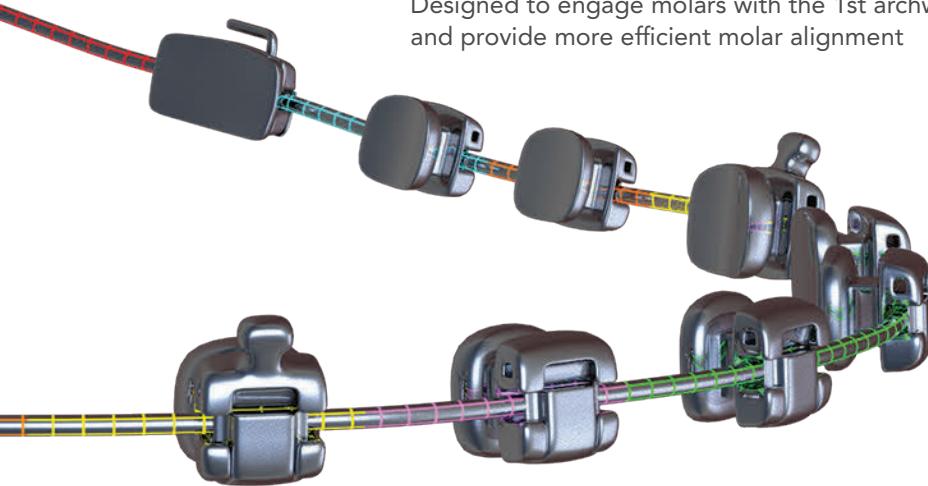


Fewer Wire Changes
Ideal Force for Each Tooth

SmartArch™ is designed to allow clinicians to move into a finishing wire after just two archwires. The patented laser treatment programs SmartArch™ to deliver the ideal force to each tooth.

EFFICIENT MOLAR ENGAGEMENT

Designed to engage molars with the 1st archwire and provide more efficient molar alignment



7 DISTINCT FORCE ZONES

Programed to deliver the ideal force to each individual tooth and equalize pressure along the PDL

REDUCED FRICTION

Laser processing reduces friction between wire and bracket surfaces, promoting overall treatment efficiency

COMPUTER ENGINEERED

Engineered using finite-element-analysis, the SmartArch design accounts for variations in inter-bracket distance, root size, and the root-to-crown relationship

LESS WIRE DISENGAGEMENT

Increased posterior stiffness designed to reduce likelihood of disengagement from buccal tubes and may reduce associated emergency appointments

THE SCIENCE BEHIND SMARTARCH

A patented, pulsating laser programs SmartArch to deliver forces closely matching Drs. Viecilli and Burstone's established ideals. By applying ideal forces SmartArch promotes efficient tooth movement and may reduce overall treatment time.

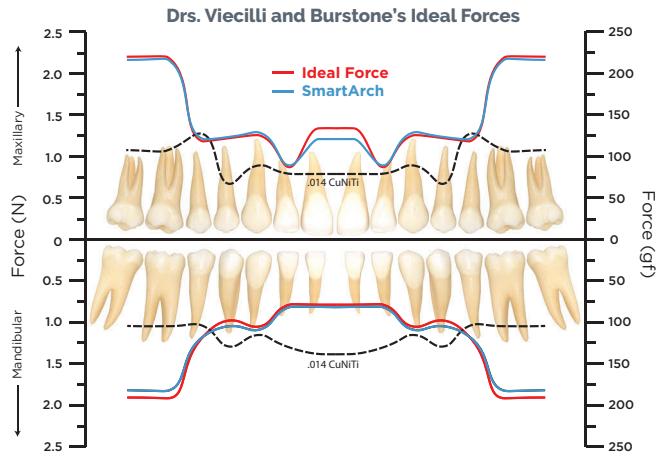


SmartArch CuNiTi



Standard CuNiTi

200X



Drs. Viecilli and Burstone utilized finite-element-analysis (FEA) to establish the ideal force load for each individual tooth

ARCHWIRES

Copper Ni-Ti™

Copper Ni-Ti is a quaternary alloy that provides the unique benefit of a low hysteresis, allowing the clinician to easily engage the wire which increases efficiency and provides more comfort for the patient. The addition of copper to traditional nickel titanium enhances thermal reactive properties and consistency of forces.

- ▶ Manufacturing temperature consistency and precise dimensional consistency means more reliable outcomes
- ▶ True heat activation due to TTR range that is within +/- 2° C tolerance
- ▶ Superior resistance to permanent deformation than Ni-Ti
- ▶ Easy to engage, even in the most severe cases
- ▶ Available in a variety of archforms

29 Cu Copper 63.546	24 Cr Chromium 51.996
28 Ni Nickel 58.693	22 Ti Titanium 47.88

27°C Super-Elastic Copper Ni-Ti

Generates constant unloading forces that can result in rapid tooth movement. The loading force is less than other super-elastic wires because of the low hysteresis unique to the copper alloy, while the unloading forces are comparable to traditional super-elastic nickel titanium wires.

35°C Thermo-Active Copper Ni-Ti

Generates mid-range, constant force levels until the wire has fully recovered to its original shape. Ligation is easier with full-size archwires due to lower loading forces. When earlier engagement of full-size wires and sustained unloading forces at body temperature is desired, this is the ideal wire.

40°C Thermo-Active Copper Ni-Ti

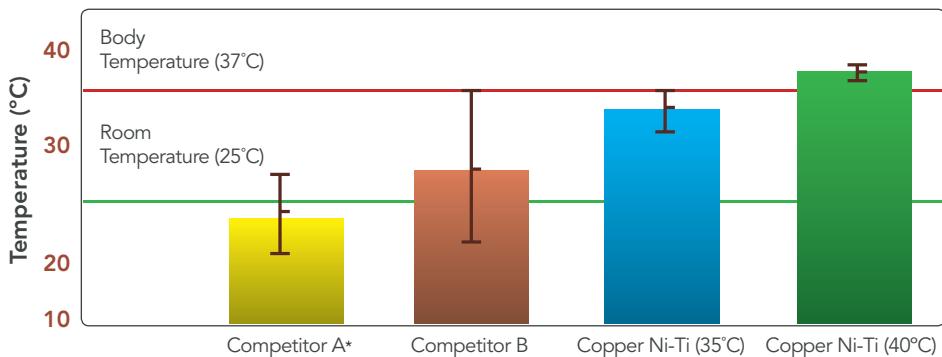
Generates intermittent, light forces and is useful as an initial wire in patients with a low pain threshold. Severely malaligned teeth can be engaged with light force. It is an excellent choice for patients scheduled for long intervals between visits.



ARCHWIRES

Copper Ni-Ti™

Transformation Temperature with Standard Deviations*



* Internal data on file.

By controlling the transformation temperatures in the manufacturing process, the forces are controlled, providing consistent, light movement. Copper NiTi's narrow manufacturing tolerances mean reliability in the amount of force delivered from batch to batch.

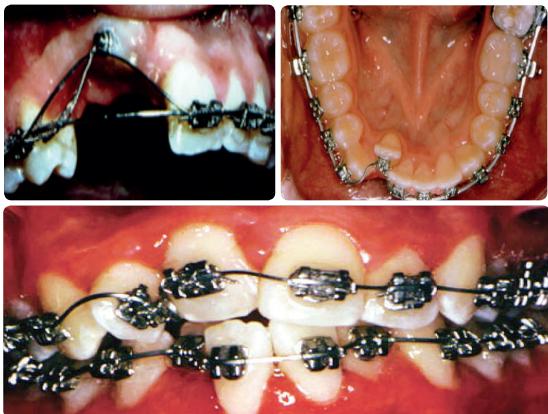
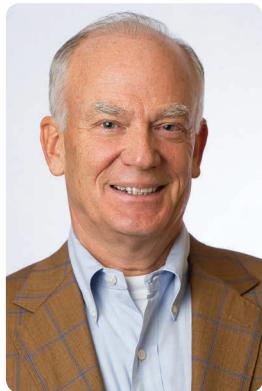


Fig. A

The standard deviations explain inconsistencies in the TTR range, whereas Copper NiTi wires produce a very narrow variance. The narrow variance means reliability in the expected forces.

ARCHWIRES

TMA



«Nothing could be more basic to our science than the control of space. Quite simply, in order to align teeth, we are first concerned with making enough space to fit them all in, then we close what is left over after we have aligned them. One can easily picture the orthodontic pioneers wrestling with this problem, much as we do today. The only difference is that we have more options today, options as to techniques, metals, forces and desired side effects. Understanding the uses, limitations, applications and anticipated actions of this wire can only improve its value to any practitioner. For this one wire can offer tremendous efficiency of time and force utilization. »

M. Alan Bagden, DMD —

SPACE CLOSURE IN THE AGE OF " VARIABLE MODULUS " MECHANICS

Ormco helped develop the original Beta Titanium wire more than two decades ago. Over the years, Ormco refined the TMA manufacturing process to a science in order to deliver the TMA brand of Beta Titanium wire that remains the industry standard for consistency and quality.

With half the force but twice the working range of stainless steel¹, TMA has indications for all stages of treatment. Because of its intermediate stiffness between stainless steel and the nickel-titanium memory alloys, it is especially beneficial as a main working archwire. TMA has good flexibility and springback characteristics along with predictable forces for consistent control.

► Initial Stage

TMA is recommended for tooth alignment, space closure and Curve of Spee. Ormco offers preformed Reverse Curve TMA and Reverse Curve TMA with "T" Loops.

► Intermediate Stage

TMA is recommended for early torque control with moderate forces. TMA also provides complete manipulation of the wire for dimensional control. Indications include use as an ideal retraction arch while exerting constant moderate forces over a longer period of time.

► Final Stage

TMA is used as a detailing wire with moderate force.

Low-Friction and Colored TMA

If sliding mechanics and minimum friction are your goals, then you will appreciate the benefits of Low-Friction and Colored Low-Friction TMA. TMA colors also offer patients exciting new looks.

¹ Kusy, Robert P., 1983. "Use of Nomograms to Determine Elastic Property Ratios of Arch wires" AJO-DO vol 83 no. 5 pp..381

ARCHWIRES

Other Materials

Ni-Ti

Ormco's trademark nickel-titanium wire, Ni-Ti has the resiliency and high springback necessary during treatment. Ni-Ti is indicated for initial leveling, aligning and rotational control.



Turbo Wire

Turbo Wire is a nine-strand rectangular braided Ni-Ti, with low stiffness and great flexibility. Turbo Wire is recommended as an initial wire to unravel and level while controlling torque and engaging brackets fully. It is also effective as a finishing wire, retaining torque but allowing vertical elastic use.



Triple Flex

Triple Flex is a three-strand twisted stainless steel wire. It has moderately light forces and is used for initial leveling and alignment.



Respond

Respond is a stainless steel coaxial wire. It is recommended as an initial archwire to level and align because of its light, gentle forces. Respond is also very flexible and possesses great springback characteristics. One of the benefits of Respond includes great control with larger initial wire diameters.

Copper Ni-Ti

Ormco's most popular wire features a unique combination of alloys and processing that provides clinicians with a low hysteresis wire. The addition of copper to traditional nickel-titanium enhances the thermal reactive properties and consistency of forces. This allows for easy engagement and consistent, light unloading forces. Available in a variety of archforms.



Stainless Steel

Ormco stainless steel wires are made of 300 series alloys. The wires are manufactured to the highest quality for dimensional precision and surface finish, providing optimum forces for arch stability, resilience, formability and sliding mechanics.



D-Rect

D-Rect is an eight-strand braided stainless steel wire. It can be used throughout treatment where lighter forces with dimensional control are indicated.

ARCHWIRES

Ormco Arch Forms

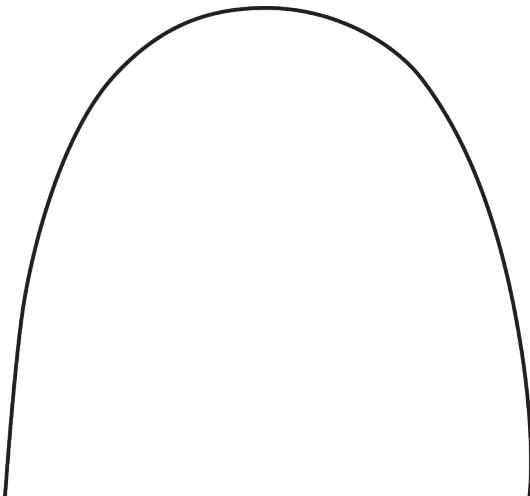
DAMON™

Dr. Dwight Damon developed this arch form based on the following principles:

- ▶ A great smile is represented by six well-positioned anterior teeth and an arch form that displays the first bicuspid, second bicuspid, and the mesiobuccal surface of the first molar when viewed from the anterior.
- ▶ This arch form prevents the “dark corner syndrome” in the posterior of the mouth.
- ▶ More importantly, Dr. Damon feels that an arch form must function in a manner consistent with gnathologic principles.

Combined with Damon passive self-ligating brackets and the inherent wire sequence, this arch form broadens treatment possibilities while avoiding extraction.

704-1065



ARCHWIRES

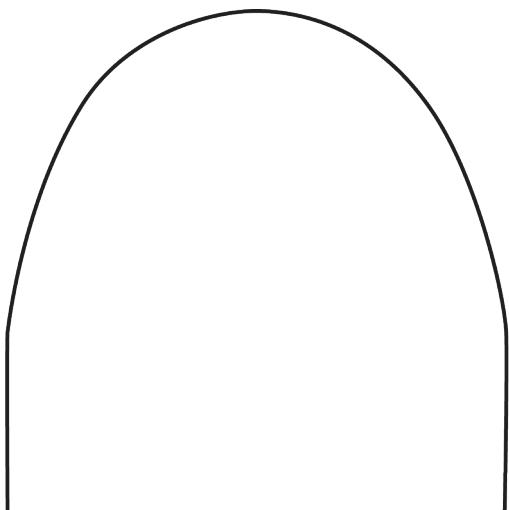
Ormco Arch Forms

ORTHOS™

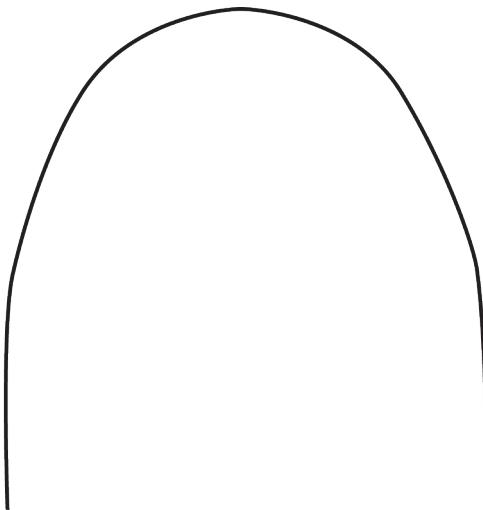
The Orthos* archwire shape is unique because it was derived from the skeletal and dental anatomy of typical orthodontic cases. Orthos archwires combine a comprehensive selection of various modulus alloys with a fully integrated arch form designed to synchronize with Orthos brackets and buccal tubes.

Through Computer Aided Engineering (CAE), both mandibular and maxillary arch forms are coordinated to the complete seven-to-seven Orthos system. Orthos, Orthos AP and Bios are designed to coordinate with the same Orthos arch form.

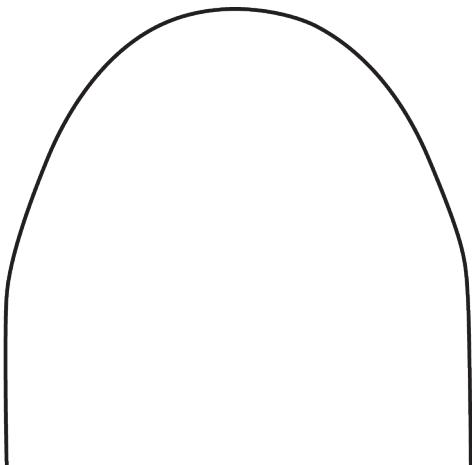
Upper - Large



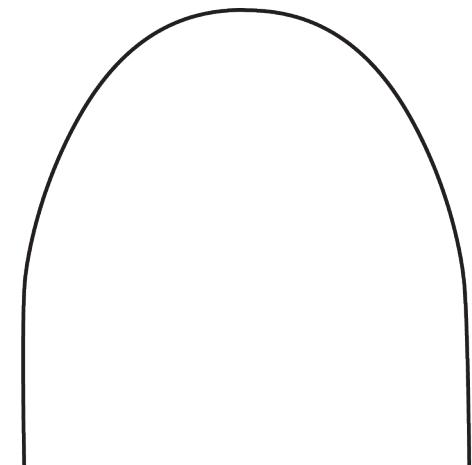
Upper - Small



Lower - Medium



Lower - Small



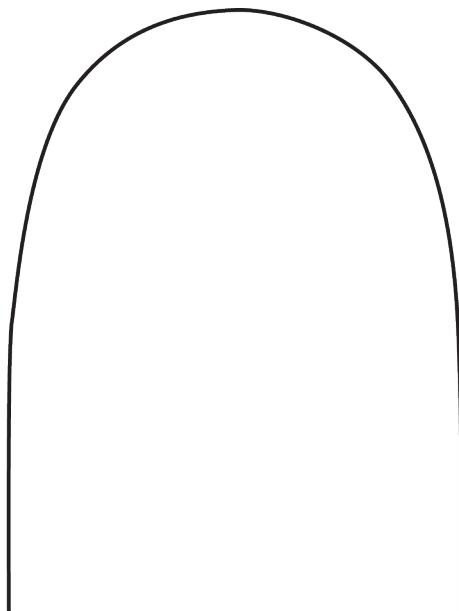
ARCHWIRES

Ormco Arch Forms

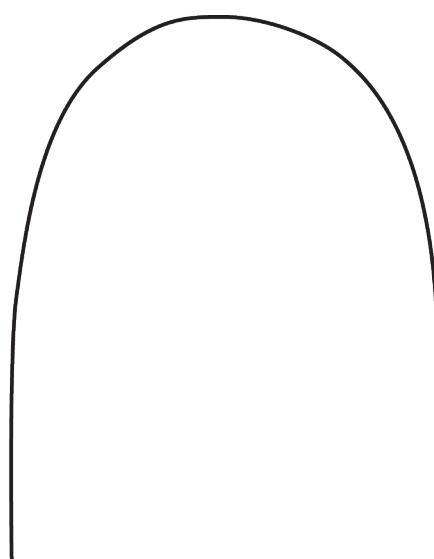
BROAD ARCH™

- ▶ Used throughout treatment for a wide variety of archwire progressions to simplify archwire adjustment while maintaining ideal arch form.
- ▶ Used with preadjusted appliances with built-in in/out relationships.
- ▶ Final Phase: slightly expanded nature is designed to account for natural settling after removal where tendency toward narrowing occurs.

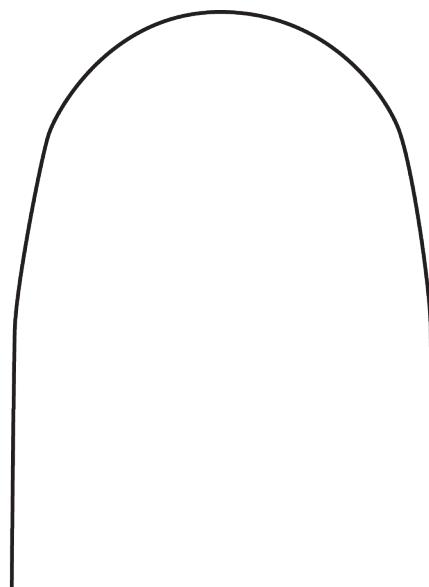
Upper - Large



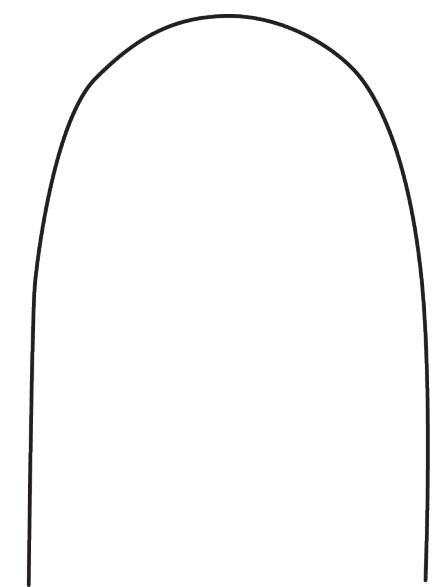
Upper - Small



Lower - Large



Lower - Small



ARCHWIRES

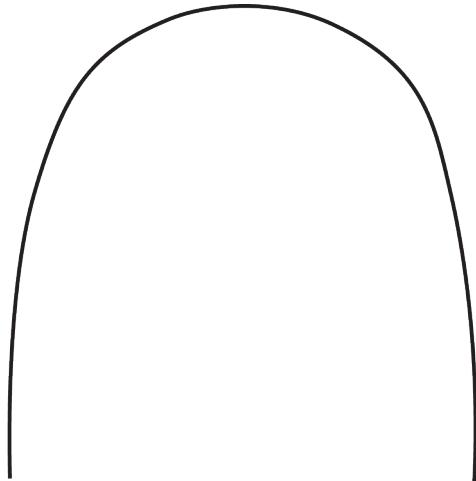
Ormco Arch Forms

TRU-ARCH™

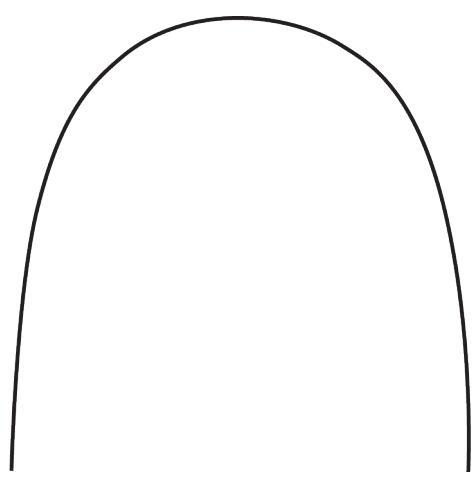
The functional arch form must have the proper shape for optimal overcorrection. From a functional occlusion standpoint, the arch form should accommodate joint-dictated movement patterns. This means that both Tru-Arch forms are more broad and flat across the incisors.

Additionally, the Straight-Wire® Appliance makes it possible to eliminate in/out archwire bends because the bracket thickness is engineered for the different tooth types. The customized bracket thickness also enables the bracket slots to accept the Tru-Arch shape without wire bends. Therefore, the Tru-Arch shape is the optimum shape for ideal occlusion with the Straight-Wire system.

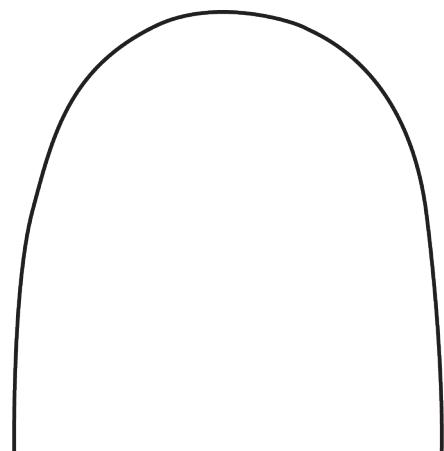
Upper - Large



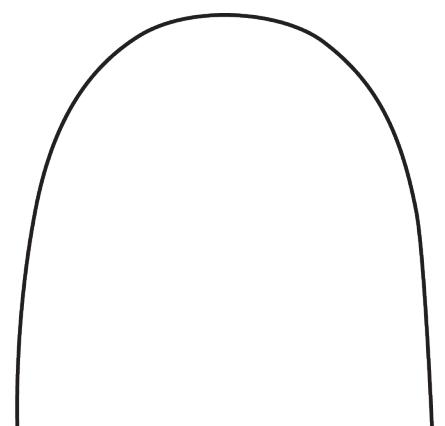
Upper - Small



Lower - Large



Lower - Small



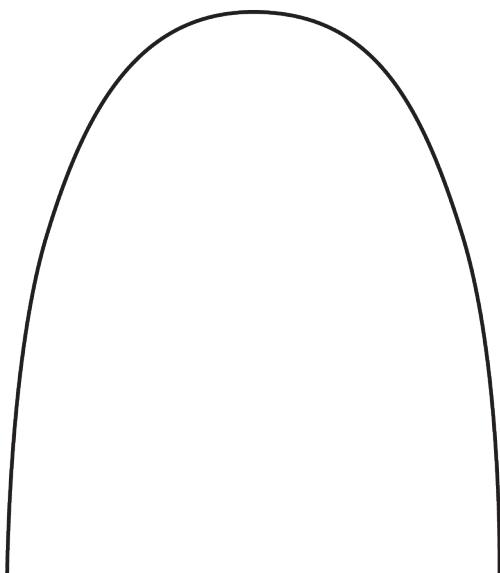
ARCHWIRES

Ormco Arch Forms

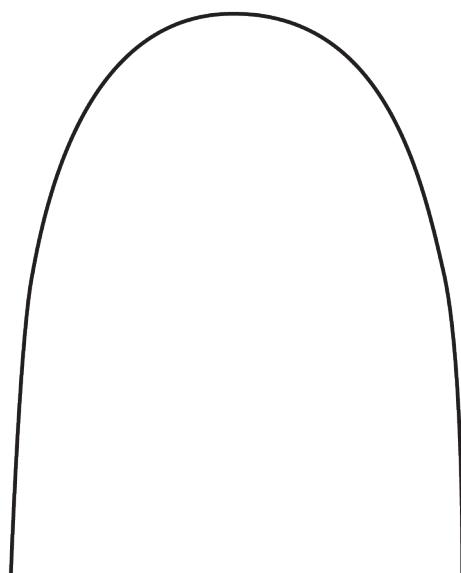
VARI-SIMPLEX™

These arch forms developed by Dr. R.G. Wick, are designed to complement the signature brackets, and enable application of all the built-in relationships (torque/angulation/offset). The lower arch is available in two sizes: small with flat anterior portion / large with oval anterior portion.

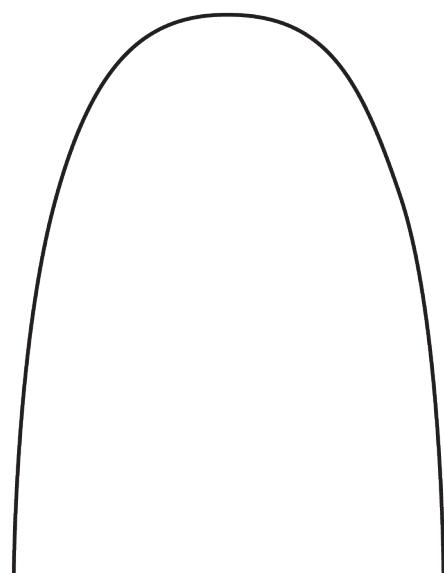
Upper



Lower - Large



Lower - Small

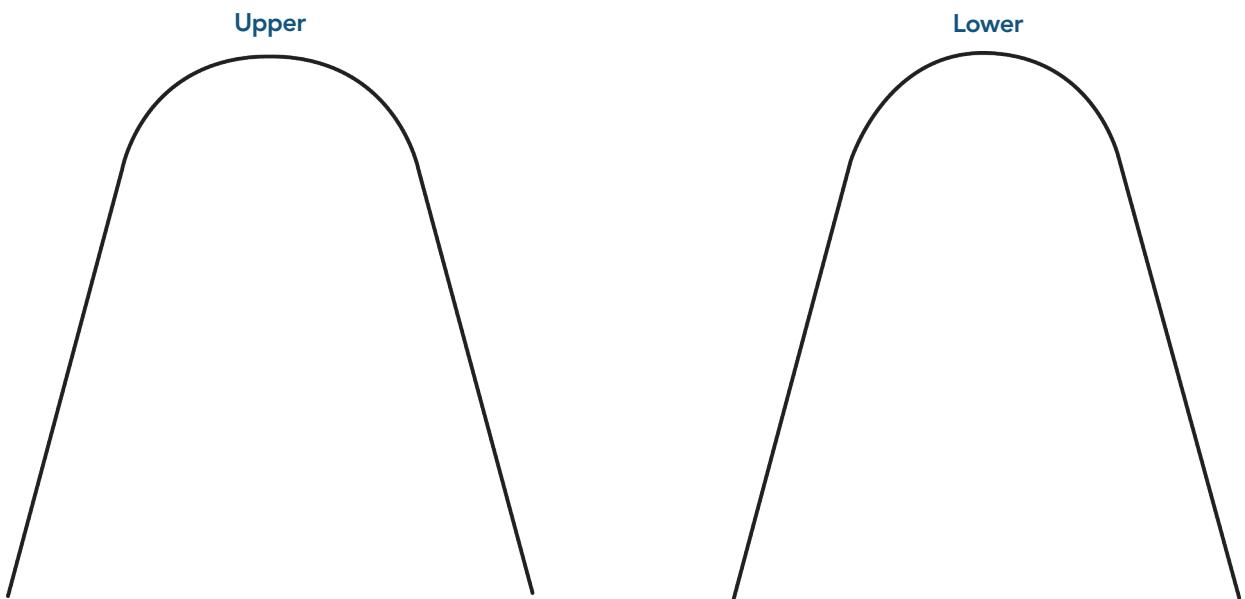


ARCHWIRES

Ormco Arch Forms

STANDARD (BLANK)

The standard arch form is available in a number of Ormco archwires. This minimizes adjustments and unnecessary chair procedures.



LINGUAL STB - STRAIGHTWIRE



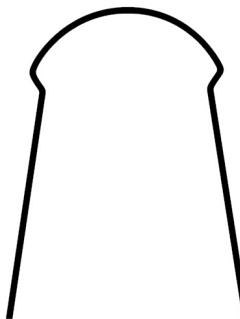
ARCHWIRES

Ormco Arch Forms

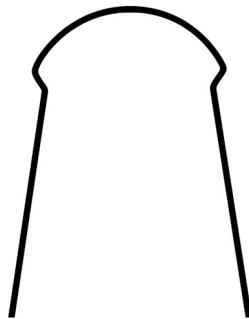
LINGUAL - MUSHROOM-SHAPED

Ni-Ti or Copper Ni-Ti preformed lingual mushroom-shaped arches are available in 6 intercuspid curves (3 upper and 3 lower arches).

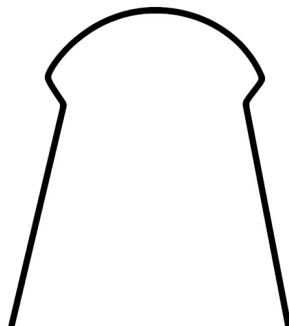
Upper – Size 1



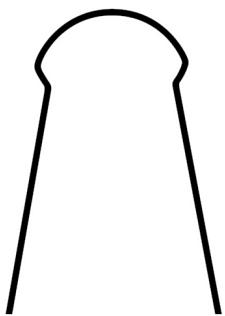
Upper – Size 2



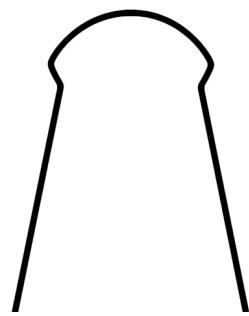
Upper – Size 3



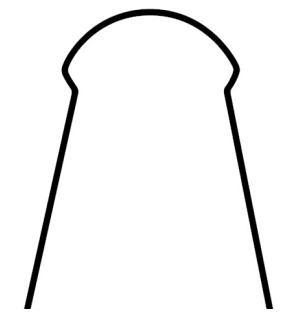
Lower – Size 1



Lower – Size 2



Lower – Size 3



ARCHWIRES

Ormco Arch Forms

LINGUAL - STANDARD

These preformed arches fit the mandibular arch perfectly. Available in a variety of alloys.



LINGUAL - BURSTONE

Dr Burstone precision lingual brackets (.032 x .032) allow for easy insertion and removal of lingual arches. Built-in torque facilitates archwire adjustments

Superior



Lower



ARCHWIRES

Buccal Archwires

DAMON ARCH FORM

SmartArch CuNiTi

Qty	Arch	Wire Size	
		.016	.018x.025
10 units	Maxillary	205-1911	210-1931
	Mandibular	205-1921	210-1941

Copper Ni-Ti with stops

Qty	Arch	Wire Size						
		.013	.014	.016	.018	.014x.025	.016x.025	.018x.025
10 units	Maxillary/Mandibular	205-1909	205-1902	205-1903	205-1904	210-1905	210-1906	210-1907

Align SE200 Ni-Ti

Qty	Arch	Wire Size					
		.012	.014	.016	.014x.025	.016x.025	.018x.025
10 units	Maxillary/Mandibular	227-1001	227-1003	227-1007	227-1005	227-1009	227-1011

Align SE200 Ni-Ti V-Bend

Qty	Arch	Wire Size					
		.012	.014	.016	.014x.025	.016x.025	.018x.025
10 units	Maxillary/Mandibular	227-1000	227-1002	227-1006	227-1004	227-1008	227-1010

Pre-Torqued Ni-Ti

Qty	Size	Wire Size		
		.016x.025	.017x.025	.019x.025
5 units	34mm	227-0341	227-0342	227-0343
	38mm	227-0381	227-0382	227-0383

Reversed Curve of Spee, Pre-torqued, Ni-Ti

Qty	Size	Wire Size		
		.016x.025	.017x.025	.019x.025
5 units	34mm	216-3416	216-3417	216-3419
	38mm	216-3816	216-3817	216-3819

Reversed Curve of Spee Ni-Ti

Qty	Arch	Wire Size		
		.016x.025	.017x.025	.019x.025
5 units	Maxillary/Mandibular	216-3806	216-3807	216-3809

ARCHWIRES

Buccal Archwires

DAMON ARCH FORM

Colored TMA

Qty	Color	Wire Size	
		.016x.025	.017x.025
			.019x.025
5 units	Honey	227-1151	227-1152
	Purple	227-1141	227-1142
			227-1143

Stainless Steel

Qty	Arch	Wire Size	
		.016x.025	.019x.025
10 units	Maxillary/Mandibular	227-1067	227-1071

Stainless Steel with Pre-Posted Hooks

Qty	Size	Wire Size	
		.016x.025	.019x.025
10 units	24mm	227-1026	227-1027
	26mm	227-1028	227-1029
	28mm	227-1030	227-1031
	30mm	227-1032	227-1033
	32mm	227-1034	227-1035
	34mm	227-1036	227-1037
	36mm	227-1038	227-1039
	38mm	227-1040	227-1041
	40mm	227-1042	227-1043

Low Friction TMA

Qty	Arch	Wire Size	
		.016x.025	.017x.025
			.019x.025
10 units	Maxillary/Mandibular	227-1111	227-1112
			227-1113

ARCHWIRES

Buccal Archwires

ORTHOS ARCH FORM

27°C Copper Ni-Ti

Qty	Arch	Size	Wire Size
			.018
10 units	Maxillary	Small	219-0204
10 units		Large	219-0404
10 units	Mandibular	Small	219-0104
10 units		Large	219-0304

27°C Copper Ni-Ti V-Bend

Qty	Arch	Size	Wire Size
			.018
10 units	Maxillary	Small	219-7210
10 units		Large	219-7226
10 units	Mandibular	Small	219-7202
10 units		Large	219-7218

35°C Copper Ni-Ti

Qty	Arch	Size	Wire Size							
			.016	.018	.016x.022	.017x.017	.017x.025	.019x.025	.020x.020	.021x.025
10 units	Maxillary	Small	219-4203	219-4204	219-4208	219-4209	219-4210	219-4212	219-4211	219-4213
10 units		Large	219-4403	219-4404	219-4408	219-4409	219-4410	219-4412	219-4411	219-4413
10 units	Mandibular	Small	219-4103	219-4104	219-4108	219-4109	219-4110	219-4112	219-4111	219-4113
10 units		Large	219-4303	219-4304	219-4308	219-4309	219-4310	219-4312	219-4311	219-4313

35°C Copper Ni-Ti V-Bend

Qty	Arch	Size	Wire Size			
			.016x.022		.019x.025	
10 units	Maxillary	Small	219-7311		219-7315	
10 units		Large	219-7327		219-7331	
10 units	Mandibular	Small	219-7303		219-7307	
10 units		Large	219-7319		219-7323	

40°C Copper Ni-Ti

Qty	Arch	Size	Wire Size			
			.016x.022		.017x.025	
10 units	Maxillary	Small	219-5208		219-5210	
10 units		Large	219-5408		219-5410	
10 units	Mandibular	Small	219-5108		219-5110	
10 units		Large	219-5308		219-5310	
					219-5112	219-5113
					219-5312	

ARCHWIRES

Buccal Archwires

ORTHOS ARCH FORM

Ni-Ti

Qty	Arch	Size		Wire Size			
		.016	.018	.016x.022	.017x.025	.019x.025	
10 units	Maxillary	Small	219-3203	219-3204	219-3208	219-3210	219-3212
10 units		Large	219-3403	219-3404	219-3408	219-3410	219-3412
10 units	Mandibular	Small	219-3103	219-3104	219-3108	219-3110	219-3112
10 units		Large	219-3303	219-3304	219-3308	219-3310	219-3312

Braided Turbo Ni-Ti

Qty	Arch	Size		Wire Size	
				.017x.025	
10 units	Maxillary	Small		219-6210	
10 units		Large		219-6410	
10 units	Mandibular	Small		219-6110	
10 units		Large		219-6310	

TMA

Qty	Arch	Size		Wire Size					
				.016x.022		.017x.025		.019x.025	.021x.025
10 units	Maxillary	Small		219-2208		219-2210		219-2212	219-2213
10 units		Large		219-2408		219-2410		219-2412	219-2413
10 units	Mandibular	Small		219-2108		219-2110		219-2112	219-2113
10 units		Large		219-2308		219-2310		219-2312	219-2313

Stainless Steel

Qty	Arch	Size		Wire Size						
				.016	.018	.020	.016x.022	.017x.025	.018x.025	.019x.025
10 units	Maxillary	Small	219-1570	219-1571	219-1572	219-1208	219-1210	219-1211	219-1212	219-1213
10 units		Large	219-1590	219-1591	219-1592	219-1408	219-1410	219-1411	219-1412	219-1413
10 units	Mandibular	Small	219-1560	219-1561	219-1562	219-1108	219-1110	219-1111	219-1112	219-1113
10 units		Large	219-1580	219-1581	219-1582	219-1308	219-1310	219-1311	219-1312	219-1313

ARCHWIRES

Buccal Archwires

BROAD ARCH FORM

27°C Copper Ni-Ti

Qty	Arch	Size	Wire Size					
			.014	.016	.018	.016x.022	.017x.025	.019x.025
10 units	Maxillary	Small	205-0040	205-0044	205-0048	210-0902	210-0903	210-0905
10 units		Large	205-0041	205-0045	205-0049	210-0912	210-0913	210-0915
10 units	Mandibular	Small	205-0042	205-0046	205-0050	211-0902	211-0903	211-0905
10 units		Large	205-0043	205-0047	205-0051	211-0912	211-0913	211-0915

35°C Copper Ni-Ti

Qty	Arch	Size	Wire Size							
			.016	.018	.016x.022	.017x.017	.017x.025	.019x.025	.020x.020	.021x.025
10 units	Maxillary	Small	205-0064	205-0068	210-0922	210-0921	210-0923	210-0925	210-0927	210-0926
10 units		Large	205-0065	205-0069	210-0932	210-0931	210-0933	210-0935	210-0937	210-0936
10 units	Mandibular	Small	205-0066	205-0070	211-0922	211-0921	211-0923	211-0925	211-0927	211-0926
10 units		Large	205-0067	205-0071	211-0932	211-0931	211-0933	211-0935	211-0937	211-0936

40°C Copper Ni-Ti

Qty	Arch	Size	Wire Size			
			.016x.022	.017x.025	.019x.025	.021x.025
10 units	Maxillary	Small	210-0942	210-0943	210-0945	
10 units		Large	210-0952	210-0953	210-0955	210-0956
10 units	Mandibular	Small	211-0942	211-0943	211-0945	
10 units		Large	211-0952	211-0953	211-0955	211-0956

Ni-Ti Round

Qty	Arch	Size	Wire Size			
			.014	.016	.018	.020
10 units	Maxillary	Small	205-0009	205-0001	205-0003	205-0013
10 units		Large	205-0010	205-0002	205-0004	205-0014
10 units	Mandibular	Small	205-0011	205-0005	205-0007	205-0015
10 units		Large	205-0012	205-0006	205-0008	205-0016

ARCHWIRES

Buccal Archwires

BROAD ARCH FORM

Square/Rectangular Ni-Ti

Qty	Arch	Size		Wire Size			
				.016x.022	.0175x.0175	.017x.025	.018x.025
10 units	Maxillary	Small	210-0502	210-0501	210-0503	210-0504	210-0505
10 units		Large	210-0512	210-0511	210-0513	210-0514	210-0515
10 units	Mandibular	Small	211-0502	211-0501	211-0503	211-0504	211-0505
10 units		Large	211-0512	211-0511	211-0513	211-0514	211-0515

Reversed Curve of Spee Ni-Ti

Qty	Arch	Wire Size					
		.016	.018	.016x.022	.016x.025	.017x.025	.019x.025
10 units	Maxillary	216-0116	216-0118	216-1622	216-1625	216-1725	216-1925
		217-0116	217-0118	217-1622	217-1625	217-1725	217-1925

Braided Turbo Ni-Ti

Qty	Arch	Wire Size			
		.017x.025		.021x.025	
10 units	Maxillary	210-0802		210-0805	
		211-0802		211-0805	

TMA

Qty	Arch	Wire Size			
		.016	.018	.0175x.0175	.021x.025
10 units	Maxillary	Small	210-0301	210-0302	210-0401
10 units		Large	210-0311	210-0312	210-0411
10 units	Mandibular	Small	211-0301	211-0302	211-0401
10 units		Large	211-0311	211-0312	211-0411

Low Friction TMA

Qty	Arch	Wire Size			
		.016x.022	.017x.025	.019x.025	
10 units	Maxillary	Small	210-1402	210-1403	210-1404
10 units		Large	210-1412	210-1413	210-1414
10 units	Mandibular	Small	211-1402	211-1403	211-1404
10 units		Large	211-1412	211-1413	211-1414

ARCHWIRES

Buccal Archwires

BROAD ARCH FORM

Purple TMA

Qty	Arch	Size	Wire Size		
			.016x.022	.017x.025	.019x.025
5 units	Maxillary	Small	210-4402	210-4403	210-4404
5 units		Large	210-4412	210-4413	210-4414
5 units	Mandibular	Small	211-4402	211-4403	211-4404
5 units		Large	211-4412	211-4413	211-4414

Honey TMA

Qty	Arch	Size	Wire Size		
			.016x.022	.017x.025	.019x.025
5 units	Maxillary	Small	210-5402	210-5403	210-5404
5 units		Large	210-5412	210-5413	210-5414
5 units	Mandibular	Small	211-5402	211-5403	211-5404
5 units		Large		211-5413	211-5414

Round Stainless Steel

Qty	Arch	Size	Wire Size			
			.014	.016	.018	.020
20 units	Maxillary	Small	210-0024	210-0026	210-0028	210-0030
20 units		Large	210-0124	210-0126	210-0128	210-0130
20 units	Mandibular	Small	211-0024	211-0026	211-0028	211-0030
20 units		Large	211-0124	211-0126	211-0128	211-0130

Square/Rectangular Stainless Steel

Qty	Arch	Size	Wire Size					
			.016x.016	.016x.022	.017x.025	.018x.025	.019x.025	.021x.025
10 units	Maxillary	Small	210-0706	210-0701	210-0702	210-0703	210-0704	210-0705
10 units		Large	210-0716	210-0711	210-0712	210-0713	210-0714	210-0715
10 units	Mandibular	Small	211-0706	211-0701	211-0702	211-0703	211-0704	211-0705
10 units		Large	211-0716	211-0711	211-0712	211-0713	211-0714	211-0715

ARCHWIRES

Buccal Archwires

TRU-ARCH™ FORM

27°C Copper Ni-Ti

Qty	Arch	Size	Wire Size							
			.014	.016	.018	.014x.025	.016x.022	.016x.025	.017x.025	.019x.025
10 units	Maxillary	Small	205-6201	205-6202	205-6203	210-9101	210-9103	210-9102	210-9104	210-9105
10 units		Large	205-6401	205-6402	205-6403	210-9201	210-9203	210-9202	210-9204	210-9205
10 units	Mandibular	Small	205-6101	205-6102	205-6103	211-9101	211-9103	211-9102	211-9104	211-9105
10 units		Large	205-6301	205-6302	205-6303	211-9201	211-9203	211-9202	211-9204	211-9205

27°C Copper Ni-Ti V-Bend

Qty	Arch	Size	Wire Size					
			.014	.016	.018	.014x.025	.016x.022	.016x.025
10 units	Maxillary	Small	205-6221	205-6222	205-6223	210-9121	210-9123	
10 units		Large	205-6421	205-6422	205-6423	210-9221	210-9223	210-9222
10 units	Mandibular	Small	205-6121	205-6122	205-6123	211-9121	211-9123	211-9122
10 units		Large	205-6321	205-6322	205-6323	211-9221	211-9223	211-9222

35°C Copper Ni-Ti

Qty	Arch	Size	Wire Size					
			.016	.018	.016x.022	.017x.017	.017x.025	.019x.025
10 units	Maxillary	Small	205-6212	205-6213	210-9113	210-9111	210-9114	210-9115
10 units		Large	205-6412	205-6413	210-9213	210-9211	210-9214	210-9215
10 units	Mandibular	Small	205-6112	205-6113	211-9113	211-9111	211-9114	211-9115
10 units		Large	205-6312	205-6313	211-9213	211-9211	211-9214	211-9215

35°C Copper Ni-Ti V-Bend

Qty	Arch	Size	Wire Size					
			.016	.018	.016x.022	.017x.017	.017x.025	.019x.025
10 units	Maxillary	Small	205-6232	205-6233	210-9133	210-9131	210-9134	210-9135
10 units		Large	205-6432	205-6433	210-9233	210-9231	210-9234	210-9235
10 units	Mandibular	Small	205-6132	205-6133	211-9133	211-9131	211-9134	211-9135
10 units		Large	205-6332	205-6333	211-9233	211-9231	211-9234	211-9235

Align SE200 Ni-Ti round

Qty	Arch	Size	Wire Size					
			.014	.016	.018	.020		
10 units	Maxillary	Medium	227-3152	227-3154	227-3156	227-3158		
10 units	Mandibular		227-3126	227-3132	227-3129	227-3131		

ARCHWIRES

Buccal Archwires

TRU-ARCH™ FORM

Align SE200 Ni-Ti V-Bend Round

Qty	Arch	Size	Wire Size			
			.014	.016	.018	.020
10 units	Maxillary	Medium	227-3151	227-3153	227-3155	227-3157
10 units	Mandibular		227-3125	227-3127	227-3128	227-3130

Align SE200 Ni-Ti Rectangular/Square

Qty	Arch	Size	Wire Size							
			.016x.016	.016x.022	.017x.025	.018x.025	.019x.025	.020x.020	.021x.025	.022x.028
10 units	Maxillary	Medium	227-3134	227-3136	227-3138	227-3142	227-3144	227-3649	227-3146	227-3648
10 units	Mandibular		227-3108	227-3110	227-3112	227-3116	227-3118	227-3657	227-3122	227-3656

Align SE200 Ni-Ti V-Bend Rectangular/Square

Qty	Arch	Size	Wire Size							
			.016x.016	.016x.022	.017x.025	.018x.018	.018x.025	.019x.025	.020x.020	.021x.025
10 units	Maxillary	Medium	227-3677	227-3135	227-3137	227-3679	227-3141	227-3143	227-3678	227-3145
10 units	Mandibular		227-3674	227-3109	227-3111	227-3676	227-3115	227-3117	227-3675	227-3121

Align XF Ni-Ti round

Qty	Arch	Size	Wire Size			
			.012	.014	.016	.018
10 units	Maxillary	Small	227-3640	227-3379	227-3383	227-3387
10 units		Medium	227-3286	227-3365	227-3369	227-3582
10 units	Mandibular	Small	227-3225	227-3217	227-3219	227-3221
10 units		Medium	227-3207	227-3209	227-3211	227-3213

Align XF Ni-Ti V-Bend round

Qty	Arch	Size	Wire Size			
			.012	.014	.016	.018
10 units	Maxillary	Small	227-3393	227-3377	227-3381	227-3385
10 units		Medium	227-3284	227-3361	227-3367	227-3371
10 units	Mandibular	Small	227-3224	227-3216	227-3218	227-3220
10 units		Medium		227-3208	227-3210	227-3212

Align XF Ni-Ti Rectangular/Square

Qty	Arch	Size	Wire Size					
			.016x.016	.016x.022	.017x.025	.018x.025	.019x.025	.021x.025
10 units	Maxillary	Small	227-3326	227-3330	227-3334	227-3342	227-3346	227-3354
10 units		Medium	227-3290	227-3294	227-3298	227-3306	227-3310	227-3318
10 units	Mandibular	Small	227-3249	227-3253	227-3257		227-3269	227-3278
10 units		Medium	227-3227	227-3229	227-3231	227-3236	227-3238	227-3242

ARCHWIRES

Buccal Archwires

TRU-ARCH™ FORM

Align XF Ni-Ti V-Bend Rectangular/Square

Qty	Arch	Size	Wire Size					
			.016x.016	.016x.022	.017x.025	.018x.025	.019x.025	.021x.025
10 units	Maxillary	Small	227-3324	227-3328	227-3332	227-3340	227-3344	227-3352
10 units		Medium	227-3288	227-3292	227-3296	227-3304	227-3308	227-3316
10 units	Mandibular	Small		227-3251	227-3255	227-3263	227-3267	227-3275
10 units		Medium	227-3226	227-3228	227-3230	227-3235	227-3237	227-3241

Ni-Ti

Qty	Arch	Wire Size					
		.014	.016	.018	.016x.022	.017x.025	.019x.025
100 units	Maxillary	205-0101	205-0102	205-0103	210-0521	210-0523	210-0524
	Mandibular	205-0111	205-0112	205-0113	211-0521	211-0523	211-0524

Round Stainless Steel

Qty	Arch	Size	Wire Size			
			.014	.016	.018	.020
10 units	Maxillary	Small	227-9042	227-9043	227-9044	227-9154
10 units		Medium	227-9038	227-9039	227-9040	227-9041
10 units	Mandibular	Small	227-9024	227-9025	227-9026	227-9027
10 units		Medium	227-9020	227-9021	227-9022	227-9023

Square/Rectangular Stainless Steel

Qty	Arch	Size	Wire Size							
			.016x.016	.016x.022	.017x.025	.018x.025	.019x.025	.020x.020	.021x.025	.022x.028
10 units	Maxillary	Small	227-9055	227-9045	227-9047	227-9049	227-9050		227-9052	227-9054
10 units		Medium	227-9028	227-9029	227-9031	227-9033	227-9034	227-9095	227-9036	227-9037
10 units	Mandibular	Small	227-9010	227-9011	227-9013	227-9015	227-9016		227-9018	227-9019
10 units		Medium	227-9000	227-9001	227-9003	227-9005	227-9006	227-9114	227-9008	227-9009

ARCHWIRES

Buccal Archwires

TRU-ARCH™ FORM

Rectangular/Square Keyhole Looped Stainless Steel (2)

Qty	Size	Wire Size	
		.016x.022	.019x.025
10 units	22mm	227-5000	227-5001
	24mm	227-5002	227-5003
	26mm	227-5004	227-5005
	28mm	227-5006	227-5007
	30mm	227-5008	227-5009
	32mm	227-5010	227-5011
	34mm	227-5012	227-5013
	36mm	227-5014	227-5015
	38mm	227-5016	227-5017
	40mm	227-5018	227-5019
	42mm	227-5020	227-5021
	44mm	227-5022	227-5023

Rectangular/Square Keyhole Looped Stainless Steel (4)

Qty	Size	Wire Size	
		.019x.025	
10 units	22mm	227-5025	
	24mm	227-5027	
	26mm	227-5029	
	28mm	227-5031	
	30mm	227-5033	
	32mm	227-5035	
	34mm	227-5037	
	36mm	227-5039	
	38mm	227-5041	
	40mm	227-5043	
	42mm	227-5045	
	44mm	227-5047	

Stainless Steel Posted Maxillary

Qty	Size	Wire Size				
		.018	.020	.016x.022	.018x.025	.019x.025
10 units	32mm		227-7029			227-7028
	34mm	227-7031	227-7034	227-7030	227-7032	227-7033
	36mm	227-7036		227-7035	227-7037	227-7038
	38mm	227-7041		227-7040		227-7043
	40mm					227-7048
	42mm					227-7053
	44mm					227-7058

ARCHWIRES

Buccal Archwires

TRU-ARCH™ FORM

Stainless Steel Posted Mandibular

Qty	Size	Wire Size		
		.018	.020	.019x.025
10 units	22mm			227-7003
	24mm			227-7008
	26mm			227-7013
	28mm	227-7016		227-7018
	30mm		227-7024	227-7023

TMA

Qty	Arch	Size	Wire Size		
			.016x.022	.017x.025	.019x.025
10 units	Maxillary	Medium	207-0045	207-0048	207-0063
10 units	Mandibular	Small	207-0043	207-0046	207-0061
10 units		Large	207-0044	207-0047	207-0062

TMA with Closing Loops

Qty	Size	Wire Size		
		.016x.022	.017x.025	.019x.025
5 units	34mm			206-0070
	36mm	207-0070		206-0071
	38mm	207-0071		206-0072
	40mm	207-0072		206-0073
	42mm	207-0073		206-0074
	44mm	207-0074		206-0075
	46mm	207-0075		
60 units	Assortment	207-0076		206-0076

VARI-SIMPLEX™ ARCH FORM

Stainless Steel

Qty	Arch	Size	Wire Size		
			.016	.016x.022	.017x.025
10 units	Maxillary	Medium		207-0037	
10 units		Large	207-0032		207-0042
10 units	Mandibular	Small	207-0030	207-0035	207-0040
10 units		Medium	207-0031		
10 units		Large		207-0036	207-0041

ARCHWIRES

Buccal Archwires

ROTH ARCH FORM

Ni-Ti

Qty	Arch	Wire Size				
		.012	.014	.016	.018	.016x.022
10 units	Mandibular	762-4155	762-4157	762-4163	762-4171	762-4161
	Maxillary	762-4156	762-4158	762-4164	762-4172	762-4162

STANDARD ARCH FORM (BLANK)

TMA

Qty	Arch	Wire Size				
		.016	.018	.016x.022	.0175x.0175	.021x.025
10 units	Maxillary	202-0003	202-0004	202-0011	202-0012	202-0013
	Mandibular	202-0005	202-0006	202-0014	202-0016	202-0017

Low Friction TMA

Qty	Arch	Wire Size				
		.017x.025 .019x.025				
10 units	Maxillary	202-1007			202-1008	
	Mandibular	202-1009			202-1010	

Stainless Steel

Qty	Arch	Wire Size										
		.014	.016	.018	.020	.016x.016	.016x.022	.017x.022	.017x.025	.018x.022	.018x.025	.019x.025
10 units	Maxillary					208-1616	208-1622	208-1722	208-1725	208-1822	208-1825	208-1925
	Mandibular					209-1616	209-1622	209-1722	209-1725	209-1822	209-1825	209-1925
20 units	Maxillary	206-0014	206-0016	206-0018	206-0020							
	Mandibular	207-0014	207-0016	207-0018	207-0020							

D-Rect Braided/Twisted Stainless Steel

Qty	Arch	Wire Size				
		.016x.022	.017x.025	.018x.025	.019x.025	.021x.025
10 units	Maxillary	201-0001	201-0002	201-0003	201-0004	201-0005
	Mandibular	201-0011	201-0012	201-0013	201-0014	201-0015

Respond Braided/Twisted Stainless Steel

Qty	Arch	Wire Size		
		.0155	.017	.0195
10 units	Maxillary/Mandibular	203-1115	203-1117	203-1119

ARCHWIRES

Buccal Archwires

REVERSED CURVE OF SPEE

Ni-Ti Damon

Qty	Arch	Wire Size
	.016x.025	.017x.025
5 units	Maxillary/Mandibular	216-3806 216-3807 216-3809

Pre-torqued Damon Ni-Ti

Qty	Size	Wire Size
	.016x.025	.017x.025
5 units	34mm	216-3416 216-3417 216-3419
	38mm	216-3816 216-3817 216-3819

Broadarch Ni-Ti

Qty	Arch	Wire Size					
		.016	.018	.016x.022	.016x.025	.017x.025	.019x.025
10 units	Maxillary	216-0116	216-0118	216-1622	216-1625	216-1725	216-1925
	Mandibular	217-0116	217-0118	217-1622	217-1625	217-1725	217-1925

Standard TMA

Qty	Arch	Wire Size
	.016x.022	.017x.025
10 units	Maxillary	215-0003 215-0004 215-0005
	Mandibular	216-0003 216-0004 216-0005

TMA with T Loops

Qty	Size	Wire Size
	.016x.022	.017x.025
5 units	30mm	215-0021 215-0031 215-0041
	32mm	215-0022 215-0032 215-0042
	34mm	215-0023 215-0033 215-0043
	36mm	215-0024 215-0034 215-0044
	38mm	215-0025 215-0035 215-0045
	40mm	215-0026 215-0036 215-0046

ARCHWIRES

Lingual Archwires

STB ARCH FORM

Copper Ni-Ti

Qty	Size	Wire Size				
		.013	.014	.016	.016x.016	.018x.018
10 units	Small	204-2101	204-2131	204-2111	204-2121	204-2141
	Standard	205-1950				
	Medium	204-2102	204-2132	204-2112	204-2122	204-2142
	Large	204-2103	204-2133	204-2113	204-2123	204-2143

TMA

Qty	Size	Wire Size		
		.0175x.0175		
10 units	Small		204-2211	
	Medium		204-2212	
	Large		204-2213	

Stainless Steel

Qty	Size	Wire Size		
		.016x.016		.017x.017
10 units	Small	204-2321	204-2331	204-2301
	Medium	204-2322	204-2332	204-2302
	Large	204-2323	204-2333	204-2303

MUSHROOM ARCH FORM

35°C Copper Ni-Ti

Qty	Arch	Size	Wire Size	
			.017x.017	.017x.025
10 units	Maxillary	Small	205-0076	205-0086
10 units		Medium	205-0075	205-0085
10 units		Large	205-0074	205-0084
10 units	Mandibular	Small	205-0079	205-0089
10 units		Medium	205-0078	205-0088
10 units		Large	205-0077	205-0087

ARCHWIRES

Lingual Archwires

MUSHROOM ARCH FORM

Ni-Ti

Qty	Arch	Size	Wire Size	
			.016	.018
10 units	Maxillary	Small	205-0025	205-0026
10 units		Medium	205-0023	205-0024
10 units		Large	205-0021	205-0022
10 units	Mandibular	Small	205-0031	205-0032
10 units		Medium	205-0029	205-0030
10 units		Large	205-0027	205-0028

STANDARD ARCH FORM (BLANK)

TMA

Qty	Arch	Wire Size		
		.016	.0175x.0175	.017x.025
10 units	Maxillary/Mandibular	202-0025	202-0018	202-0020

Stainless Steel

Qty	Arch	Wire Size						
		.014	.016	.018	.016x.016	.016x.022	.017x.025	.018x.025
10 units	Maxillary/Mandibular	206-0000	206-0001	206-0002	206-0005	206-0006	206-0007	206-0008

D-Rect Braided/Twisted Stainless Steel

Qty	Arch	Wire Size				
		.016x.022				
10 units	Maxillary/Mandibular					201-0023

Respond Braided/Twisted Stainless Steel

Qty	Arch	Wire Size		
		.0155		
10 units	Maxillary/Mandibular	203-0006		203-0007

ARCHWIRES

Lingual Archwires

BURSTONE

Stainless Steel

Qty	Arch	Wire Size
		.032x.032
10 units	Maxillary	232-0001
	Mandibular	232-0010

TMA

Qty	Arch	Wire Size
		.032
10 units	Maxillary	233-0002
	Mandibular	233-0012

ARCHWIRES

Wire Lengths

35°C COPPER NI-TI

35°C Copper Ni-Ti

Qty	Size	Wire Size					
		.013	.016	.016x.022	.017x.025	.018x.025	.019x.025
10 units	Standard	266-1360					
100 units	Standard		266-2001	266-2100	266-2101	266-2103	266-2102

TMA

TMA

Qty	Size	Wire Size								
		.016	.018	.027	.032	.036	.016x.022	.0175x.0175	.017x.025	.019x.025
10 units	Standard	266-0001	266-0002	266-0006	266-0004	266-0005	266-0010	266-0012	266-0011	266-0013

STAINLESS STEEL

Square/Rectangular Stainless Steel

Qty	Size	Wire Size								
		.016x.016	.016x.022	.017x.022	.017x.025	.018x.022	.018x.025	.019x.025	.021x.025	
10 units	Standard	252-1616	254-1622	254-1722	254-1725	254-1822	254-1825	254-1925	254-2125	

Round Stainless Steel

Qty	Size	Wire Size										
		.012	.014	.016	.018	.020	.028	.030	.032	.036	.040	.045
20 units	Standard								266-1332	266-1336	266-1340	266-1345
30 units	Standard						266-1328	266-1330				
40 units	Standard			266-1316	266-1318	266-1320						
50 units	Standard	266-1312	266-1314									

Respond Braided/Twisted Stainless Steel

Qty	Size	Wire Size				
		.0155	.0175	.0195	.0215	
10 units	Standard	264-1115	264-1117	264-1119	264-1121	

ARCHWIRES

Wire Lengths

STAINLESS STEEL

Triple Flex Braided/Twisted Stainless Steel

Qty	Size	Wire Size
		.0150
10 units	Standard	264-0150
		.0175
		264-0175

Azurloy Stainless Steel

Qty	Size	Wire Size
		.016x.016
10 units	Standard	266-0050
		.016x.022
		266-0051

ARCHWIRES

Marking and Checking Archwires

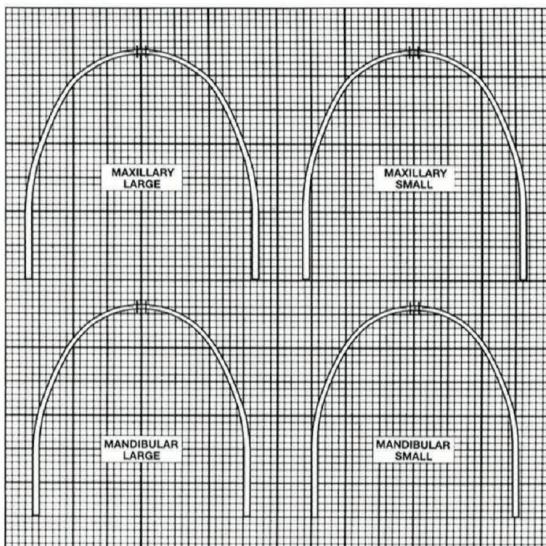
PREFORMED ARCH FORM TEMPLATES

Preformed Arch Form Templates

- ▶ Clear hard plastic sheets
- ▶ Sold individually

Designation	Part Number
Alexander	207-0060
Orthos	219-0000
Damon	704-1065

Orthos™ Archwire Template



ORMCO®

A SUBSIDIARY OF

SYBRON

DENTAL SPECIALTIES, INC.

1332 South Lone Hill Avenue, Glendora, CA 91740 • (818) 852-0921 • (800) 854-1741

Rev. A
Part # 219-0000

PLIERS AND INSTRUMENTS

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► Accessories / p.141

- Pliers Accessories p.141

PLIERS AND INSTRUMENTS

Pliers

CUTTERS

DISTAL CUTTERS

Universal Distal End Cutter W/Hold
800-1016



**Long Handle Universal Distal Cutter
W/Hold**
800-1017



Flush Cut Distal End Cutter
800-0516

Wire maintained by a spring.



Distal End Cutter Plier
800-1010

Cuts at the base of the tube,
without holding the wire.
Cuts max.: .022" x .028".



**Hard Wire Cutter with 15°
Angulation**
800-1200

Cutting Capacity: all wires types
Maximum: .022" x .028".



**Micro Ligature Cutter with
15° Angulation for Better Visibility**
800-1000

Cutting Capacity: Hard and Soft Wires
Cuts max.: .015".



Pin and Ligature Cutter
800-1001

Cuts easily pins and ligatures.
Cuts max.: soft ligature wires .015".



Micro Mini Pin and Ligature Cutter
803-0502

Mini-plier to cut ligatures
Thin end
Cuts max.: ligature wires .015".



PLIERS AND INSTRUMENTS

Pliers

CUTTERS

WIRES AND LIGATURES CUTTERS

Long Handle Micro Mini Pin and Ligature Cutter

803-0512

Long Handle (+12mm).



UTILITY PLIERS

WEINGART PLIERS

Ultra Slim Weingart Plier

803-0601

Fine, serrated and slightly curved tip.
Rounded external surfaces so as to avoid pinching the lips and cheeks.



Haw Plier Straight

803-0408

Well balanced ; does not pinch the cheeks.
Serrated tip of a 3.2 mm diameter.



PLIERS AND INSTRUMENTS

Pliers

UTILITY PLIERS

BAND REMOVING PLIERS

Band Removing Plier, Long Handle

803-0410

The alignment of the tip and occlusal pad is well suited for posterior band removal.



Crown Sitting Plier

803-0430

Crown/Band Slitting Plier Orthopli.



Replacement Tip For Crown Slitting

Plier 430 (3)

803-0431

BAND CONTOURING PLIER

Crown Band and Contouring Plier

800-0160



PLIERS AND INSTRUMENTS

Pliers

UTILITY PLIERS

BRACKET REMOVING PLIERS

Damon Q/Q2 Debonding Plier

866-4008



Damon Clear/Clear2 Debonding Plier

866-4019



Ice Bracket Debonding Plier (Metal)

866-4020



Damon 3MX Debonding Plier

866-4015



Ice Bracket Debonding Plier + Wax
(Plastic)

803-0205



Angulated Bracket Remover

803-0104

Tips that could reach the back of the bracket without damaging the tie-wings.
Tip in steel-cobalt.



Bracket Removing Plier, Straight

800-0345



Metal Tip for Bucket Removing Plier

762-2195 (2)

800-1405



PLIERS AND INSTRUMENTS

Pliers

UTILITY PLIERS

ADHESIVE REMOVING PLIER

Adhesive Removing Plier

803-0210

Short head.



LIGATURE PLACEMENT INSTRUMENT

Ligature Tying Plier, Coon Style

803-0149

Grooves to automatically block the wire.



FORCE MODULE SEPARATING PLIER

Force Module Separator Plier

803-0145

These pliers are designed with angled tips to facilitate easier placement of elastic separators. The barrel-shaped tip prevents any slippage of the module to accommodate both anterior and posterior separators.



PLIERS AND INSTRUMENTS

Pliers

UTILITY PLIERS

MATHIEU PLIERS

Mathieu Needle Holder
801-0064



Smaha Slimline Wide Straight Tips
800-8015



Smaha Slimline Wide- Wider Tip than 800-8015
800-8115



Mathieu Plier with Notch Tip
801-0006



PLIERS AND INSTRUMENTS

Pliers

UTILITY PLIERS

MATHIEU PLIERS

Smaha Sure Grip Forceps Curved Tips

800-8014



ADVANSYNC PLIER

Advansync Crimping Plier

800-0420



PLIERS AND INSTRUMENTS

Pliers

UTILITY PLIERS

MOSQUITO PLIERS

Mosquito Plier

801-0037



Mosquito Plier Straight

800-8013

Serrated tip.



PLIERS AND INSTRUMENTS

Pliers

ARCH BENDING PLIERS

BIRD BEAK PLIERS

Bird Beak Plier

803-0414

Cone and pyramid beak measures 0.8mm in diameter at the tip
Wire Size : Maximum: .030".



Light Wire Bird Beak Plier W/Groove

803-0415



Light Wire Bird Beak Plier

803-0416



OPTICAL PLIER

Optical Plier

803-0204

To form closing-space loops.
Serrated concave tip.



PLIERS AND INSTRUMENTS

Pliers

ARCH BENDING PLIERS

TWEED PLIERS

Omega Loop Forming Plier

803-1404



Loop Forming Plier

803-0121

To create bull-loops and helicoidal buckles for space closing.
Cylindric tip / smooth concave tip.



Tweed Omega Loop Forming Plier

800-0352

For wires up to .022"x.028".
Tips have three sections of .045," .060" and
.075".



Metal Tip + Key for Tweed Plier 350

and 351 (2)

800-1400

3 JAWS PLIERS

Mini Three Jaw Plier

803-0412



Three Jaw Wire Pliers

803-0413

To adjust archwires, retention and hooks. Can be used with hard wires rounded beaks to protect the wire.



C.B.J. Three Jaw Plier

803-0450

Large 3-beak plier to adjust Herbst and C.B.J.
Can be used to adjust facial archwires.



PLIERS AND INSTRUMENTS

Pliers

ARCH BENDING PLIERS

HILGERS PLIER

Hilgers Plier

803-0324

Double tips to help create steps on the right and left. Tips positioned at 90° for easier intra-oral access. Usable for vestibular and lingual techniques.



Torquing Plier with Key .016" /.018"

800-0804

To include extra torque for one tooth.
Includes: 1 Torquing Plier & 1 Key.



Torquing Plier with Key .016" /.018"

800-2618



Torquing Plier with Key .018" /.022"

800-0805

To include extra torque for one tooth.
Includes: 1 Torquing Plier & 1 Key.



Torquing Plier with Key .018" /.022"

800-2822



Arch Bending Plier

803-0125

Tip thickness 1.27 mm ; parallel with an opening of 0.5 mm (.020").



PLIERS AND INSTRUMENTS

Pliers

ARCH BENDING PLIERS

HOLLOW CHOP PLIER

Hollow Chop Contouring Plier

803-0122

Concave tip; convex tip can be used with all types of wires.



NANCE PLIER

Nance Plier

803-0405

Steps of 3,4,5,6 mm.
Rounded Tips to avoid damaging wires.



V-BEND PLIER

Stop V-Bend Plier

800-0228



PLIERS AND INSTRUMENTS

Pliers

ARCH BENDING PLIERS

LINGUAL ARCH PLIER

Lingual Arch Forming Plier

803-0327

Designed for Wire Sizes: .030" & .036".



LINGUAL PLIER

Lingual Bracket Removing Plier

800-0431



PLIERS AND INSTRUMENTS

Instruments

BRACKET HOLDERS

Positive Positioner

800-2222



Direct Bond Bracket Holder

803-0175



Bracket Placement Tool

820-2010



PLIERS AND INSTRUMENTS

Instruments

BRACKET HOLDERS

Self-Blocking Bracket Tweezer Curved ETM800S
800-8000



Direct Bond Bracket Holder
800-1005



Direct Bond Bracket Holder Kit/6
800-1007



Cotton Tweezer
849-0000



PLIERS AND INSTRUMENTS

Instruments

GAUGES

Anderson Gauge
850-0000



Anderson Gauge Replacement Tip
850-0001



Bracket Placement Tool .018- 3,5 / 4 / 4,5 / 5mm
803-0178



Bracket Placement Tool .022- 3,5 / 4 / 4,5 / 5mm
803-0179



PLIERS AND INSTRUMENTS

Instruments

GAUGES

Orthos Dual Placement Tool .018 Upper Arch
803-0180



Orthos Dual Placement Tool .022 Upper Arch
803-0181



Orthos Dual Placement Tool .018 Lower Arch
803-0182



Orthos Dual Placement Tool .022 Lower Arch
803-0183



PLIERS AND INSTRUMENTS

Instruments

BAND PUSHERS / SCALERS / LIGATION DIRECTORS

BAND PUSHERS

Sterilizable Ormco Band Pusher / White Handle /Square
Bite Stick

844-0006

Square Bite Stick.
Designed to be sterilized in
autoclave.



Sterilizable Ormco Band Pusher / Blue Handle /Square
Bite Stick

844-0000

Cold Sterilization.



Band Seater/White Handle/Triangular Head

844-0007

Triangular Bite Stick.
Designed to be sterilized in
autoclave.



Band Seater/Burnisher

844-0001



PLIERS AND INSTRUMENTS

Instruments

BAND PUSHERS / SCALERS / LIGATION DIRECTORS

BAND PUSHERS

Band Burnisher

844-0031

Band Pusher/Burnisher

844-0011



PLIERS AND INSTRUMENTS

Instruments

BAND PUSHERS / SCALERS / LIGATION DIRECTORS

SCALERS

Ligature Director/Scaler

803-0159

Orthodontic Band Pusher/Scaler

803-0160



Cement Scaler

848-0001



PLIERS AND INSTRUMENTS

Instruments

BAND PUSHERS / SCALERS / LIGATION DIRECTORS

LIGATION DIRECTORS

Ligature Director

800-2104

Can be sterilized in autoclave.



Aspel Force Module Instrument

800-2108

Can be sterilized in autoclave.



Double Ended Ligature Director

803-0152



PLIERS AND INSTRUMENTS

Instruments

OPENING BRACKET INSTRUMENTS

Spintek Opening/Closing Instrument for Damon Q/Q2,
Clear/Clear2 Brackets and Snaplink Tubes

866-4014



Spintek Opening/Closing Instrument for Damon Q/Q2,
Clear/Clear2 Brackets and Snaplink Tubes

866-4016



Damon 3 - Damon 3 MX Opening Tool

866-4012



Damon 3 Instrument Dual Tip 90° - Straight and Curved

866-4013



PLIERS AND INSTRUMENTS

Instruments

OPENING BRACKET INSTRUMENTS

Lingual Hinge Cap Opener

802-1001



ARCH PLACING PLIERS

Damon Opening/Closing Tweezer

801-2100

Damon Cool Tool

866-4003



PLIERS AND INSTRUMENTS

Instruments

CAP REMOVING TOOLS

Cap Remover Handle + 5 Blades

801-0094



Handle Cap Remover

801-0095



Disposable Blade Cap Remover PK/5

801-0097



PLIERS AND INSTRUMENTS

Instruments

ARCH FORMING TURRET

Ormco Arch Turret 5 Grooves/ No Torque

803-0169



MIRROR

Mouth Mirror N° 5 with Handle

800-2106



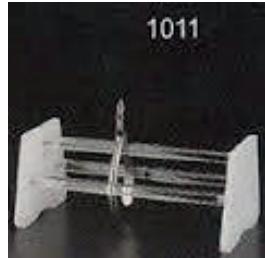
PLIERS AND INSTRUMENTS

Accessories

PLIERS ACCESSORIES

PLIER RACKS

Simple Plier Rack 1011
803-1011



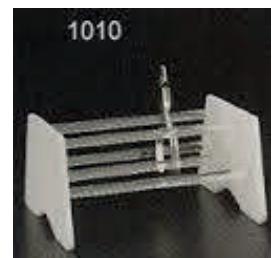
Plier Rack and Instruments 1012
803-1012



Plier Rack and Instruments 1001
803-1001



Double Plier Rack D503
803-1010



Plastic Plier Rack White Full 1009
803-1009



Large Round Plexiglas Plier Rack
1006
803-1006



ADHESIVES, CEMENTS & PRIMERS

► **Cements / p.144**

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- Fluorinated Ormco Protech (Glass Ionomer)..... p.145

► **Composites / p.146**

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- Enlight/Enlight LV Ormco (Light-Curing Adhesives) p.148

► **Primers / p.149**

- Ortho Solo and Etching Solutions p.149
- Porcelain Primer and Associated Product p.150

ADHESIVES, CEMENTS & PRIMERS

Cements

ORMCO OPTIBAND ULTRA WITH FLUORIDE

Ormco cements ensure perfect retention and bonding between the band and the tooth.

This single-paste light-curing fluorinated cement contains adhesion boosters. Single-paste syringe for easy handling and no waste. This product can also be used for bite turbos.

The product can be applied directly to the band.

- ▶ Compression strength.
- ▶ Easy handling.
- ▶ Low solubility.
- ▶ Bond between the band and the tooth.
- ▶ Fluoride release.
- ▶ Adheres to the band and enamel.
- ▶ Reduced risk of cross-contamination.
- ▶ Easy to clean before and after bonding.
- ▶ Effective prevention of decalcification.
- ▶ Each syringe: 1.8 g.
- ▶ Disposable tips.



Designation	Number of tips	Part Number
Box of 5 syringes: tooth colored	10	740-0291
Box of 10 syringes: tooth colored	20	740-0292
Box of 5 syringes: blue colored	10	740-0293
Box of 10 syringes: blue colored	20	740-0294

Refill	Part Number
Refill 50 tips	740-0295

ADHESIVES, CEMENTS & PRIMERS

Cements

FLUORINATED ORMCO PROTECH (GLASS IONOMER)

Ormco Protech with fluoride is specifically formulated for orthodontic bonding. The chemical bonds between the enamel and stainless steel provide exceptional band retention. Via ion exchange, fluoride release protects the enamel and helps prevent decalcification.

- ▶ Low solubility and high compression strength.
- ▶ High fluoride protection.
- ▶ Easy to use.
- ▶ Expands slightly on curing to fill any spaces between the band and the tooth.



Designation	Kit Content	Part Number
Small white kit	1 bottle of powder 30 g 1 bottle of liquid 15 ml 1 dropper 1 measuring scoop	740-0155
Small gold kit	1 bottle of powder 30 g 1 bottle of liquid 15 ml 1 dropper 1 measuring scoop	740-0255
Large white kit	1 bottle of powder 240 g 1 bottle of liquid 120 ml 1 dropper 2 measuring scoops	740-0156
Large gold kit	1 bottle of powder 240 g 1 bottle of liquid 120 ml 1 dropper 2 measuring scoops	740-0256

Refill	Part Number
Bottle of liquid (120 ml)	740-0153
Bottle of white powder (240 g)	740-1151
Bottle of gold powder (240 g)	740-0251

ADHESIVES, CEMENTS & PRIMERS

Composites

BLÜGLOO™

Blügloo™ light-curing color contrast adhesive. The color contrast of Blügloo™ during bonding helps facilitate fast, accurate bracket placement and makes it easy to see unwanted flash. As Blügloo™ warms to body temperature, the color virtually disappears, remaining clear throughout treatment. When debonding, simply introduce a short blast of cool air or water to lower the bonding surface temperature, and Blügloo™ turns blue again for thorough cleanup.

- ▶ Color on demand: blue at bonding, clear at treatment, and blue at cleanup.
- ▶ Made for aesthetics.
- ▶ Easy to use.
- ▶ Generous working time.



Designation	Kit Content	Part Number
Blügloo™ Syringe Kit	2 syringes (2x4 g) Ortho Solo (5 ml) Spatulas (75) Etching solution (10 ml) Applicator brushes (38)	740-0274
Blügloo™ Unidose Kit	4 packs of 10 unidoses (2x4g) Ortho Solo (5 ml) Spatulas (75) Etching solution (10 ml) Applicator brushes (38) Unidose dispensing gun	740-0275

Refill	Part Number
Blügloo syringe (4 g)	740-0272
2 packs of 10 Blügloo unidoses (4 g in total)	740-0273
1 Ortho Solo bottle (5 ml)	740-0271
Bottle of etching solution (10 ml)	740-0038
Brushes (75)	740-0041
Unidose dispensing gun	740-0200
Spatulas (75)	740-0075

ADHESIVES, CEMENTS & PRIMERS

Composites

GRĒNGLOO™

Grēngloo™ is the two-way color change adhesive for metal brackets that provides the strength, flexibility and intelligent features you demand.

- ▶ Quick-cure polymerization ensures optimal bond strength at initial force loading.
- ▶ On-demand color change for fast and accurate cleanup at bonding and debonding.
- ▶ Chemical affinity for metal brackets ensures more reliable bond strength.
- ▶ Provides great working time for better placement.



Designation	Kit Content	Part Number
Grēngloo™ Syringe Kit	2 syringes (2 x 4 g) Ortho Solo (5 ml) Spatulas (75) Etching solution (10 ml) Applicator brushes (38)	740-0320
Grēngloo™ Unidose Kit	4 packs of 10 unidoses (4 x 2 g) Ortho Solo (5 ml) Spatulas (75) Etching solution (10 ml) Applicator brushes (38) Unidose dispensing gun	740-0322

Refill	Part Number
Grēngloo syringe (4 g)	740-0321
2 packs of 10 Grēngloo unidoses (4g in total)	740-0323
1 Ortho Solo bottle (5 ml)	740-0271
Bottle of etching solution (10 ml)	740-0038
Brushes (75)	740-0041
Spatulas (75)	740-0075
Unidose dispensing gun	740-0200

ADHESIVES, CEMENTS & PRIMERS

Composites

ENLIGHT/ENLIGHT LV ORMCO (LIGHT-CURING ADHESIVES)

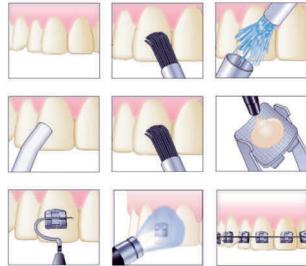
Ormco joined forces with Kerr R&D to develop Enlight and Enlight LV. These two materials contain a highly active initiator system for continuous curing in the absence of light for complete polymerization even with metal brackets.

Enlight

- ▶ Highly filled light-cure adhesive.
- ▶ Superb handling characteristics.
- ▶ Highly active initiator system.
- ▶ Unidose™ and syringe delivery options.

Enlight LV

- ▶ Flowable low-viscosity paste designed for lingual retainers and indirect bonding.
- ▶ Highly active initiator system.
- ▶ Unidose delivery for easy placement.



Designation	Kit Content	Part Number
Enlight syringe kit	4 syringes of paste (4 g) Ortho Solo (5 ml) Mixing pads and spatulas (75) Etching solution (10 ml) Applicator brushes (75)	740-0198
Enlight LV unidose kit Flowable paste (Low Viscosity)	6 boxes of adhesive paste (10 x 2 mg) Ortho Solo (5 ml) Mixing pads and spatulas (75) Etching solution (10 ml) Applicator brushes (75) Unidose dispensing gun	740-0299
Enlight unidose kit	6 boxes of adhesive paste (10 x 2 mg) Ortho Solo (5 ml) Mixing pads and spatulas (75) Etching solution (10 ml) Applicator brushes (75) Unidose dispensing gun	740-0199
Enlight introductory kit	1 syringe of adhesive paste (4 g) Ortho Solo (5 ml)	740-0179

Refill	Part Number
Enlight - Syringe (4g)	740-0195
Enlight - Unidose (20 x 2 mg)	740-0178
1 Ortho Solo bottle (5 ml)	740-0271
75 Mixing pads	740-0124
Bottle of etching solution (10 ml)	740-0038
Brushes (75)	740-0041
Unidose dispensing gun	740-0200
Enlight LV - Unidose (20 x 2 mg)	740-0278

ADHESIVES, CEMENTS & PRIMERS

Primers

ORTHO SOLO AND ETCHING SOLUTIONS

Developed in partnership with the Kerr R&D department, Ortho Solo™ is a universal sealant and bond enhancer recommended for buccal and lingual bonding with chemical-cure systems by mixing or light-curing. It is used after etching.

- ▶ Fluoride release to prevent decalcification.
- ▶ Displaces moisture and does not form droplets.
- ▶ Perfect viscosity for easy application and to minimize bracket drift.

- ▶ Glass filler for optimal adhesion.
- ▶ No light-curing required with chemical adhesives.



Designation	Kit Content	Part Number
Complete kit	4 bottles (5 ml) Disposable wells (25) Applicator brushes (75)	740-0270
Ortho Solo sticks	Reduces the risk of cross-contamination Each Ortho Solo stick contains enough sealant/ bond enhancer for one arch 10 sticks (1,2 ml each)	740-0269
Ormco gel etch	Kit 2 syringes (2 x 5 ml / 25 tips)	740-0150
Ormco gel etch	Tips (25)	740-0134

Refill	Part Number
1 Ortho Solo bottle (5 ml)	740-0271

ADHESIVES, CEMENTS & PRIMERS

Primers

PORCELAIN PRIMER AND ASSOCIATED PRODUCT

Porcelain Primer

To be used with an adhesive
Promotes adhesion to porcelain prostheses
12 ml
740-0012



Associated Product

Individual patient assortment
Ormco Set-Up Tray
740-0297



ELASTICS & POWER PRODUCTS

- ▶ **Elastics / p.152**
- ▶ **Elastics, Power Tubes, Threads and Tiebacks / p.154**
 - o Power Tubes and Power Threads p.154
 - o Ormco Tiebacks p.155
 - o Colored Elastic Power Chains p.155
- ▶ **Elastomeric Power Chains and Ligatures / p.156**
 - o Ormco Elastic Power Chains p.156
 - o Ormco Elastomeric Ligatures p.157
 - o Separators p.158

ELASTICS & POWER PRODUCTS

Elastics

INTRAORAL ELASTICS

size strength	light 2 oz/60 g	medium 3 oz/85 g	med./heavy 3.5 oz/100 g	heavy 4.5 oz/130 g	ex./heavy 6 oz/170 g
1/8" 3.18 mm	○ Hummingbird		● Chipmunk		
3/16" 4.76 mm	○ Quail	○ Otter	● Rabbit	○ Kangaroo	● Impala
1/4" 6.35 mm	○ Owl	○ Seal	● Fox	● Bear	● Ram
5/16" 7.94 mm	○ Parrot	○ Dolphin	● Penguin	○ Zebra	● Moose
3/8" 9.35 mm	○ Road Runner	○ Turtle	● Monkey	○ Camel	● Buffalo
1/2" 12.7 mm	○ Peacock		○ Donkey		
5/8" 15.9 mm	○ Eagle		○ Llama		
3/4" 19.1 mm	○ Ostrich		○ Giraffe		

ELASTICS & POWER PRODUCTS

Elastics

EXTRAORAL ELASTICS

light	heavy
8 oz/230 g	14 oz/400 g
Cougar	
Panther	Walrus
Tiger	Elephant
Lion	Whale

ZOO PACK ELASTICS

- High-quality surgical latex
- Consistent force
- Force ratings based on elastic being extended three times listed diameter
- Available in 10 sizes of assorted Colour Packs (pink, orange, green and purple)
- Zoo Pack Dispenser: convenient, clear plexi rack, holds 6 Zoo Pack boxes, easily mounts on wall or sits on counter top, part number: 630-0000
- Table Poster, part number: 762-6380

INTRAORAL ELASTICS

Animal Zoo Packs	Master Pouches of 50 Zoo Packs	Colour Packs of 40 Zoo Packs
light – 2 oz	part number	part number
Hummingbird	630-0010	—
Quail	630-0011	—
Owl	630-0012	—
Parrot	630-0013	—
Road Runner	630-0014	—
Peacock	630-0015	—
Eagle	630-0016	—
Ostrich	630-0017	—
medium – 3 oz	part number	part number
Otter	630-0020	—
Seal	630-0021	—
Dolphin	630-0022	—
Turtle	630-0023	—
medium heavy – 3.5 oz	part number	part number
Chipmunk	630-0030	636-0113
Rabbit	630-0031	636-0114
Fox	630-0032	636-0115
Penguin	630-0033	636-0116
Monkey	630-0034	636-0117
Donkey	630-0035	—
Llama	630-0036	—
Giraffe	630-0037	—
heavy – 4.5 oz	part number	part number
Kangaroo	630-0040	—
Bear	630-0041	636-0122
Zebra	630-0042	—
Camel	630-0043	—
extra heavy weight – 6 oz	part number	part number
Impala	630-0050	636-0125
Ram	630-0051	636-0126
Moose	630-0052	636-0127
Buffalo	630-0053	636-0128

EXTRAORAL ELASTICS

Animal Zoo Packs	Pouches of 15 Zoo Packs
light – 8 oz Headgear	part number
Cougar	635-0058
Leopard	635-0059
Panther	635-0060
Tiger	635-0061
Lion	635-0062
heavy – 14 oz Headgear	part number
Walrus	635-0065
Elephant	635-0066
Whale	635-0067

ELASTICS & POWER PRODUCTS

Elastics, Power Tubes, Threads and Tiebacks

POWER TUBES AND POWER THREADS

Elastic Power Tube

Compression at knot level; prevents sliding.

Length	Color	Diameter	Part Number
7,5 m	Grey	.025	640-4025
7,5 m	Grey	.030	640-4030
7,5 m	Clear	.025	640-4026
7,5 m	Clear	.030	640-4031
15 m	Grey	.025	640-6025
15 m	Grey	.030	640-6030
15 m	Clear	.025	640-6026
15 m	Clear	.030	640-6031



Elastic Power Thread (full section)

Length	Color	Diameter	Part Number
7,5 m	Grey	.025	640-1025
7,5 m	Clear	.025	640-1026
7,5 m	Grey	.030	640-1030
7,5 m	Clear	.030	640-1031
15 m	Grey	.025	640-2025
15 m	Clear	.025	640-2026
15 m	Grey	.030	640-2030
15 m	Clear	.030	640-2031



ELASTICS & POWER PRODUCTS

Elastics, Power Tubes, Threads and Tiebacks

ORMCO TIEBACKS

Damon Elastomeric Modules

Designation	Color	Size	Part Number
Tieback module	Grey	Damon size 1	637-0011
	Clear	Damon size 1	637-0012
	Grey	Damon size 2	637-0021
	Clear	Damon size 2	637-0022



COLORED ELASTIC POWER CHAINS

Original Colored Power Chain (4 m)

Color	Part Number
CLOSED SPACING	
Teal	639-0060
Light pink	639-0061
Violet	639-0062
Emerald green	639-0063
Silver	639-0064
Brown	639-0065
Gold	639-0066
Jade Green	639-0067
Ruby Red	639-0068
Cobalt Blue	639-0069
Pink	639-0040
Purple	639-0041
Black	639-0042
Neon green	639-0043
Red	639-0044
Blue	639-0045
Orange	639-0046
Yellow	639-0047
White	639-0048

Color	Part Number
OPEN SPACING	
Brown	639-0055
Gold	639-0056
Jade Green	639-0057
Ruby Red	639-0058
Cobalt Blue	639-0059
Pink	639-0030
Purple	639-0031
Black	639-0032
Neon green	639-0033
Red	639-0034
Blue	639-0035
Orange	639-0036
Yellow	639-0037
White	639-0038
Teal	639-0050
Light pink	639-0051
Violet	639-0052
Emerald green	639-0053
Silver	639-0054



ELASTICS & POWER PRODUCTS

Elastomeric Power Chains and Ligatures

ORMCO ELASTIC POWER CHAINS

Generation II

Generation II power chains for a variety of forces according to the interbracket configuration.

This advanced elastomer provides a more uniform continuous force over longer periods and is ideal for mini brackets.

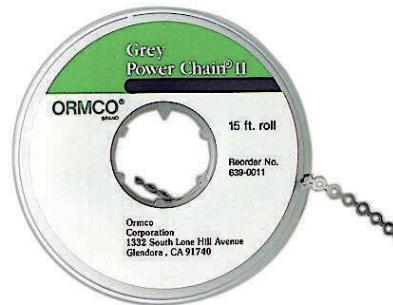
Designation	Color	Part Number
Closed spacing	Grey	639-0001
	Clear	639-0002
Open spacing	Grey	639-0003
	Clear	639-0004
Wide spacing	Grey	639-0018
	Clear	639-0019



Power Chain I and II

- ▶ Highly effective tooth alignment
- ▶ Easy-to-use for ligation, consolidation and anterior retraction

Designation	Color	Part Number
Power Chain I (wide spacing)	Grey	639-0010
Power Chain II (open spacing)	Grey	639-0011
Power Chain I (wide spacing)	Clear	639-0012
Power Chain II (open spacing)	Clear	639-0013



ELASTICS & POWER PRODUCTS

Elastomeric Power Chains and Ligatures

ORMCO ELASTOMERIC LIGATURES

Short Sticks Regular

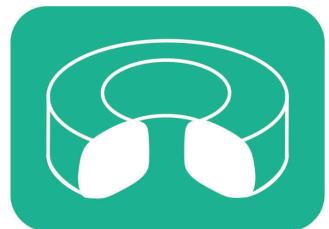
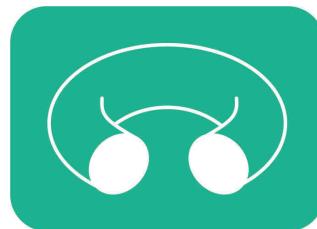
Color	Part Number
Purple	640-1240
Orange	640-1241
Blue	640-1242
Neon Pink	640-1243
Black	640-1244
Red	640-1245
Neon green	640-1246
Yellow	640-1247
White	640-1248
Tooth	640-1249

Color	Part Number
Teal	640-1250
Light pink	640-1251
Violet	640-1252
Emerald green	640-1255
Burgundy	640-1256
Navy	640-1262
Smoke	640-1263
Clear	640-1264
Grey	640-1265
Assortment	640-1270



Short Sticks Metallica

- ▶ For single-arch use, reducing the risk of cross-contamination
- ▶ Vibrant colors coordinated with power chains
- ▶ Pack of 1 000 (100 trees / 10 ligatures per tree)
- ▶ Size .120" available in 24 vibrant colors



Other Ligature

Ormco Ligature

Color	Part Number
Assortment	640-1271
Gold	640-1258
Silver	640-1257
Jade Green	640-1259
Ruby Red	640-1260
Cobalt Blue	640-1261

Short Sticks Storage Box

Sold individually without short sticks

640-1275



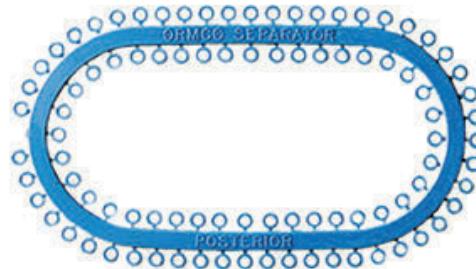
ELASTICS & POWER PRODUCTS

Elastomeric Power Chains and Ligatures

SEPARATORS

Elastic Posterior Separators

640-0080



INTRAORAL APPLIANCES

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▶ Class II Auxiliaries / p.164	
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▶ Bondable Attachments / p.169	
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INTRAORAL APPLIANCES

Miniscrews

VECTORTAS™

The VectorTAS system is a coordinated system of miniscrews, attachments and tools designed by orthodontists for orthodontists. Its intelligent design combining specific tools as well as user-friendly protocols and mechanics facilitates treatment.

- ▶ The VectorTAS matches each color-coded miniscrew to its ideal anatomical and biomechanical implant site simplifying temporary anchorage for optimum control and unrivaled treatment efficacy.
- ▶ Self-drilling, self-tapping miniscrews to minimize pre-drilling and use of a tissue punch.
- ▶ Asymmetric thread to increase pull-out resistance.
- ▶ Patented double-delta head for greater comfort and treatment flexibility.
- ▶ Tissue-suppression stops to prevent tissue overgrowth.
- ▶ Made of 6-4 grade titanium for maximum mechanical resistance and biocompatibility.

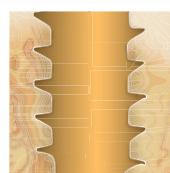
ATLAS Vector

Color	Recommended Implant Sites
Purple	Facial Surface – Maxillary/mandibular alveolar ridge (mesial to cuspid), mandibular symphysis
Orange	Facial and Lingual Surfaces – Maxillary/mandibular alveolar ridge (mesial to second molar)
Blue	Retromolar Area
Yellow	Infrzygomatic Crest

The proprietary VectorTAS Atlas eliminates placement guesswork by matching the color of each VectorTAS miniscrew with its ideal anatomical and biomechanical implant site.

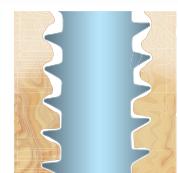
Thread Forming Design

- ▶ Ideal for areas of thinner bone.
- ▶ Creates intimate purchase when cortical bone adapts to hoop stress.



Thread Cutting Design

- ▶ Ideal for areas of thick, dense bone, which requires cutting because of decreased stress adaptation.
- ▶ Dual-cutting threads remove bone debris to aid in advancing screw into bone.
- ▶ Decreases bone stress for increased success.



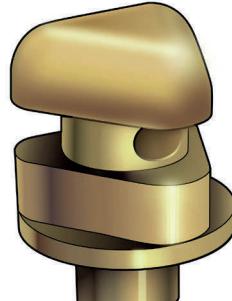
INTRAORAL APPLIANCES

Miniscrews

VECTORTAS™

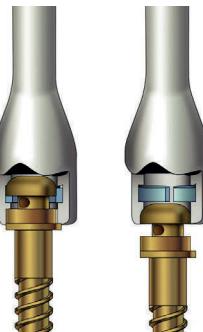
Unique Delta-Shaped Head

- ▶ Eases loading and removal via alignment with delta-shaped eyelet of auxiliaries.
- ▶ Maximizes patient comfort via smooth rounded edges.
- ▶ No bracket head corners, trailer-hitch heads, screwdriver grooves or other potential sources of cheek or lip irritation.
- ▶ Maximizes retention by capitalizing on unique geometric undercuts.
- ▶ No archwire slots, which can cause unwanted force moments.



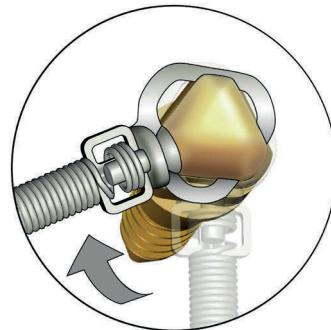
Dual-Action Driver Tip

- ▶ Seats fully over head of miniscrew with friction grip for easy retrieval from the sterile packaging and secure transfer and placement.
- ▶ Loose fit for snugging up without removing attachments.



VectorTAS™ Miniscrews

Qty	Color	Diameter	Size	Part Number
x 6	Purple	1,4 mm	6 mm	601-0020
x 6	Orange	1,4 mm	8 mm	601-0021
x 6	Blue	2,0 mm	10 mm	601-0022
x 6	Yellow	2,0 mm	12 mm	601-0023

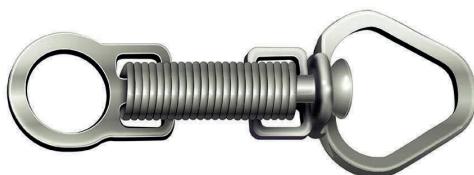


INTRAORAL APPLIANCES

Miniscrews

VECTORTAS™

- ▶ Position and lock spring easily while allowing full freedom of movement.
- ▶ The delta head eliminates unwanted rotational and torsional forces associated with loading and unloading.
- ▶ Available in 5 and 10 mm and three strengths 50, 150 and 250g.



Designation	Kit Content	Part Number
Single	x 6	601-0030
Double	x 6	601-0036
Single	x 6	601-0031
Double	x 6	601-0037
Single	x 6	601-0032
Single	x 6	601-0033
Single	x 6	601-0034
Single	x 6	601-0035

Refill	Part Number
Consultation Typodonts	717-1050
Workbook	762-4982
40 mm Tips - pack of 2	601-0011
22 mm Tips - pack of 2	601-0012
Tissue punch - pack of 6	601-0003
Initiators - pack of 2	601-0002
Modular screwdriver	601-0007

INTRAORAL APPLIANCES

Miniscrews

VECTORTAS™

VectorTAS™ Starter Kit

Complete starter kit containing everything you need to treat 10 patients

KIT CONTENTS:

- ▶ 6 mm Mini screw x 4
- ▶ 8 mm Mini screw x 10
- ▶ 10 mm Mini screw x 2
- ▶ 12 mm Mini screw x 2
- ▶ Consultation Typodont x 1
- ▶ Modular Screwdriver x 1
- ▶ Tissue punch x 2
- ▶ Initiator x 2
- ▶ Single delta springs (5 mm) x 6
- ▶ Single delta springs (10 mm) x 6
- ▶ Crimpable posts x 6
- ▶ Double delta springs (5 mm) x 6
- ▶ Double delta springs (10 mm) x 6
- ▶ Workbook x 1
- ▶ Atlas placement guide x 1

601-0010

Crimpable Posts

Clinically adapts for multiple force vectors.

Pack of 6

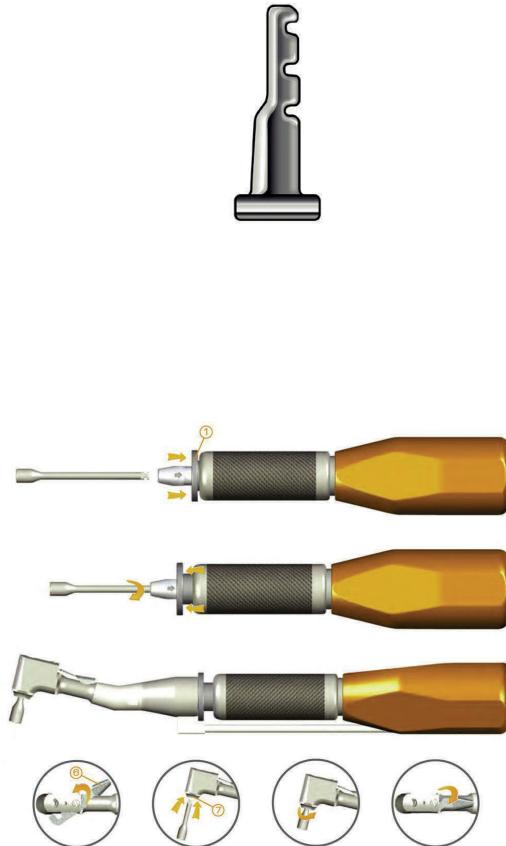
601-0040



Modular Screwdriver

The VectorTAS Modular Driver includes a straight 40 mm tip as well as a contra-angle head with a 22 mm tip.

601-0007



INTRAORAL APPLIANCES

Class II Auxiliaries

ADVANSYNC™ 2

A real challenge in orthodontics consists in correcting class II malocclusions. While headgear, elastics, and many other appliances treat Class II cases, most do not simultaneously correct malocclusions while advancing the mandible. Progress in the AdvanSync™ 2 appliance allow treatment of unprecedented comfort, quality and efficiency. AdvanSync™ 2 can be placed simultaneously with multi-bracket appliances. Designed by experts in Class II therapy, AdvanSync™ 2 aims to meet patient demands and obtain the desired treatment outcome.

- ▶ Placed simultaneously with initial bonding thus eliminating the need for two-phase treatment.
- ▶ Provides constant activation and eliminates the need for patient compliance.
- ▶ Instantly improves jaw position.
- ▶ Designed for maximum correction.
- ▶ Reinforced Spiralock™ threading for improved screw engagement.
- ▶ Sophisticated, long-lasting, robust metal injected mold.
- ▶ Upper and lower dual hole casing to enable customized activation for treatment versatility.
- ▶ Electro-polished rods for smoother operation.

PRACTICAL AND EASY TO USE

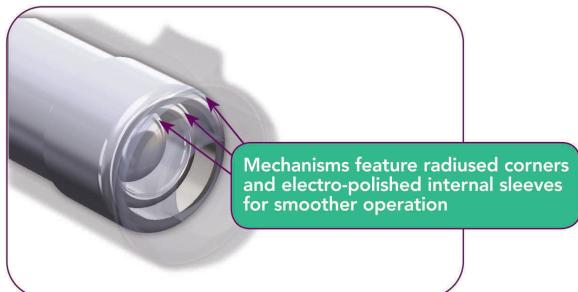
- ▶ Easy to place for practitioners.
- ▶ Advansync 2 can be placed simultaneously with initial bonding (5 to 5).
- ▶ Built-in activation—no need to change the arms for final activation.

GREATER PATIENT COMFORT AND SATISFACTION

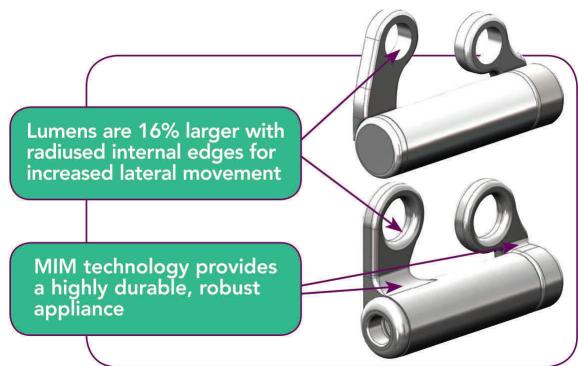
- ▶ Arms are 50% shorter than those in traditional Herbst appliances, reducing discomfort and cheek irritation.
- ▶ Placed more distally than other Herbst appliances for a more discreet appearance.
- ▶ Facilitates enhanced lateral jaw movement.
- ▶ Unlike with other appliances, speech is unaffected.
- ▶ The new design guarantees better hygiene.



AdvanSync™ 2
CLASS II MOLAR-TO-MOLAR

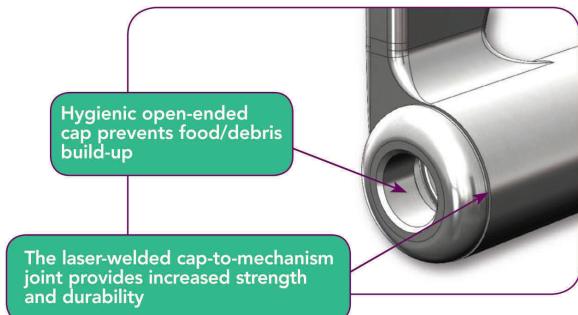


Mechanisms feature radiused corners and electro-polished internal sleeves for smoother operation



Lumens are 16% larger with radiused internal edges for increased lateral movement

MIM technology provides a highly durable, robust appliance



Hygienic open-ended cap prevents food/debris build-up

The laser-welded cap-to-mechanism joint provides increased strength and durability

INTRAORAL APPLIANCES

Class II Auxiliaries

ADVANSYNC™ 2

Accessories AdvanSync™ 2

Designation	Qty	Part Number
Crimpable pliers for C Advansync spacers		800-0420
1 mm spacers	30	600-4271
2 mm spacers	30	600-4272
4 mm spacers	20	600-4273
Extenders wedges	10	600-4278
Small hex key	1	600-4290
Large hex key	1	600-4291
Fixing screws	20	600-4270
Demonstration model	1	717-1002
Telescopic rods – left	5	600-4240
Telescopic rods – right	5	600-4241
6.5 mm rectangular tubes	10	600-4281
Upper molar crown no. 4 L	5	600-4204
Upper molar crown no. 5 L	5	600-4205
Upper molar crown no. 6 L	5	600-4206
Upper molar crown no. 7 L	5	600-4207
Upper molar crown no. 4 R	5	600-4214
Upper molar crown no. 5 R	5	600-4215
Upper molar crown no. 6 R	5	600-4216
Upper molar crown no. 7 R	5	600-4217
Lower molar crown no. 4 L	5	600-4224
Lower molar crown no. 5 L	5	600-4225
Lower molar crown no. 6 L	5	600-4226
Lower molar crown no. 7 L	5	600-4227
Lower molar crown no. 4 R	5	600-4234
Lower molar crown no. 5 R	5	600-4235
Lower molar crown no. 6 R	5	600-4236
Lower molar crown no. 7 R	5	600-4237

INTRAORAL APPLIANCES

Class II Auxiliaries

ADVANSYNC™ 2

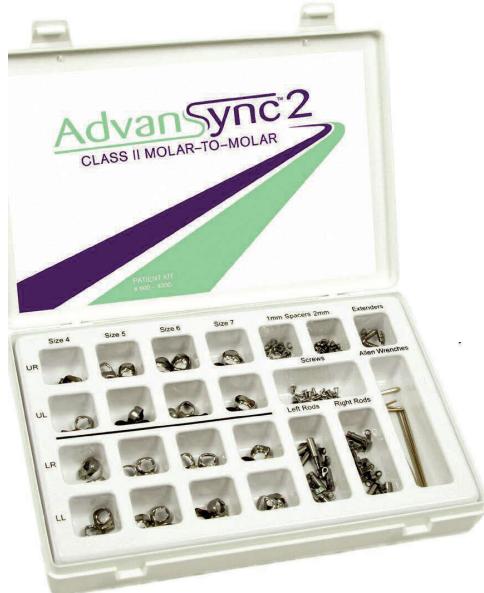
Patient Kit

For immediate, simple application and maximum aesthetics, the Ormco patient kit includes everything you need to start a simultaneous treatment.

Patient kit contents :

- ▶ Telescopic rods x 20
- ▶ Screws x 40
- ▶ Upper crowns x 20
- ▶ Lower crowns x 20
- ▶ 1 mm separators x 40
- ▶ 2 mm separators x 80
- ▶ Extenders x 20
- ▶ Large wrench x 2
- ▶ Small wrench x 3

600-4200



INTRAORAL APPLIANCES

Class II Auxiliaries

M.A.R.A.

13-Patient Kit

For over 20 years the MARA has been providing clinicians the option to provide a simple, compact appliance for their CL II treatment. This small design can accommodate a full bracket set up, 5-5, which provides the doctor the ability to combine fixed bracket mechanics with their CL II treatment. The 3.0 version offers a sleek forged lower arm design that provides a smaller profile than previous generations.

- ▶ Selection of maxillary and mandibular crowns
- ▶ Selection of short and long elbows
- ▶ Selection of spacers
- ▶ Torque wrench

600-3000



Maxillary Crown

Designation	Qty	Part Number
UL4	5	080-3104
UL5	5	080-3105
UL6	5	080-3106
UL7	5	080-3107
UL8	5	080-3108
UR4	5	080-3114
UR5	5	080-3115
UR6	5	080-3116
UR7	5	080-3117
UR8	5	080-3118



Mandibular Crown

Designation	Qty	Part Number
LL4	5	080-3124
LL5	5	080-3125
LL6	5	080-3126
LL7	5	080-3127
LL8	5	080-3128
LR4	5	080-3134
LR5	5	080-3135
LR6	5	080-3136
LR7	5	080-3137
LR8	5	080-3138



INTRAORAL APPLIANCES

Class II Auxiliaries

M.A.R.A

Spacer

Designation	Qty	Part Number
1 mm spacers	10	600-1001
2 mm spacers	10	600-1002
3 mm spacers	10	600-1003
4 mm spacers	10	600-1004



Elbow

Designation	Qty	Part Number
Short elbow R	2	080-3152
Short elbow L	2	080-3153
Long elbow R	2	080-3154
Long elbow L	2	080-3155



Elastomeric Ligature

Designation	Qty	Part Number
Torque wrench	1	080-3150



INTRAORAL APPLIANCES

Bondable Attachments

LINGUAL BITE TURBOS AND BUTTONS

Ormco Bite Wedges (bite turbos)

Up to four wedges can be placed on the lingual side of the upper incisors.

- ▶ Horizontal bite plan
 - ▶ No distal force on mandibular or maxillary
 - ▶ Pack of 10
- 350-0000



Lingual Buttons

Ormco/A+ lingual buttons are soldered on a bondable base; rounded edges and contours provide greater patient comfort.

Designation	Qty	Part Number
Curved Ormco base	pack of 10	300-0096
Flat Ormco base	pack of 10	300-0097
Flat A+ base	pack of 25	704-4015
Curved A+ base	pack of 25	704-4016



DIRECT BOND LINGUAL ATTACHMENTS

Ormco Direct Bond Lingual Cleat

300-0092

- ▶ For cuspids or bicuspids
- ▶ Pack of 10

Direct bond lingual cleats are precision attachments.

The wings can be flattened against the tooth when not in use.



A+ Direct Bond Lingual Cleat

704-4014

- ▶ For cuspids or bicuspids
- ▶ Pack of 25

Direct bond lingual cleats are precision attachments.

The wings can be flattened against the tooth when not in use.



Ormco Eyelet

Designation	Part Number
Curved base	300-0090
Flat base	300-0091



- ▶ Pack of 10

The eyelet is small and is used to attach elastics to unobstructed impacted teeth.

Elastilugs

300-0094

- ▶ Pack of 10



INTRAORAL APPLIANCES

Other Accessories

CRIMPABLE STOPS AND REMOVABLE HOOKS

Damon Stops (round sliding tubes without hook)

Designation	Qty	Length	Diameter	Part Number
Damon stops	Box of 40	2 mm	.019	623-0262
	Box of 40	2 mm	.030	623-0263



Drop-in Hooks (round sliding tubes without hook)

Designation	Qty	Part Number
Removable hooks for Damon MX brackets	Box of 30	242-0012
Removable hooks for Damon Q2 brackets	Box of 30	242-0037
Removable hooks for Damon Q brackets	Box of 30	242-0114



INTRAORAL APPLIANCES

Other Accessories

SLIDING TUBES AND POWER PINS

Sliding Rectangular Tubes with or without Hooks

Crimpable stops or hooks are made of heavy-wall, soft-temper tubing. May be used as sliding spacers, welded to or crimped around the archwire.

- ▶ Box of 10

Designation	Length	Dimension	Part Number
Double without hook	2 mm	.022 x .028	199-0895
Single without hook	2 mm	.018 x .025	624-1825
	2 mm	.022 x .028	624-2228
Single with hook	2 mm	.018 x .025	663-0218
	2 mm	.022 x .028	663-0222



Round Sliding Tubes with Hooks

Crimpable stops or hooks are made of heavy-wall, soft-temper tubing. May be used as sliding spacers, welded to or crimped around the archwire.

- ▶ Single tubes with hook
- ▶ Box of 10

Length	Diameter	Part Number
2 mm	.022	661-0022



Power Pins

Power Pins are used in place of Kobayashi ties or bracket hooks. They are ideal for engaging elastomerics.

- ▶ Can be used with either left or right
- ▶ Pack of 100

704-6031



INTRAORAL APPLIANCES

Retainers

BONDABLE LINGUAL RETAINERS

Bondable Lingual Retainer

Cuspid to cuspid retainer fabricated in an arch form and designed for minimal adjustments. This retainer may be placed prior to or after appliance removal.

- Sold individually

Size	Part Number
0	204-0010
1	204-0011
2	204-0012
3	204-0013
4	204-0014
5	204-0015
6	204-0016



QUICK CURE METHOD (QCM)

QCM Ormco

This transparent buccal band can be used in the same manner as the Flat Bow Retainer. Easy to adapt and shape, aimed towards patient motivation, particularly during the first months post-treatment

- Highly aesthetic
- Contact with buccal surfaces
- Easy re-adjustment by heating
- Pack of 5



Designation	Part Number
Without loops 42 mm	204-1042
Without loops 48 mm	204-1048
Without loops 54 mm	204-1054
With loops 42 mm	204-1142
With loops 48 mm	204-1148
With loops 54 mm	204-1154

INTRAORAL APPLIANCES

Arches

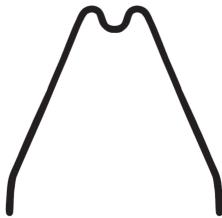
QUICK NANCE ARCH

Ormco Quick Nance

The Quick Nance is a complement to molar distalizing techniques and inserts in the lingual sheath of the molar bands. The light-cure resin button is inserted while in the chair.

► Box of 10

Length	Size	Part Number
22 mm	Small	225-0001
30 mm	Medium	225-0002
38 mm	Large	225-0003



INTRAORAL APPLIANCES

Ligatures

PREFORMED METAL LIGATURE WIRES

Long Preformed Ligatures Wires

The preformed ligature wires are made of a stainless steel chrome-alloy and cut to ample length to fit all standard ligature-tying pliers. Consistent, preformed shape ensures ease of use with minimum effort.

- ▶ Tube distributor
- ▶ Pack of 1000

Diameter	Part Number
.009	270-0009
.010	270-0010
.011	270-0011
.012	270-0012



Teflon-Coated Ligature Wires

Ormco's Teflon-coated Ligature Wires provide the strength and security of steel ligatures.

They also maintain the aesthetic appeal needed for use with clear brackets. The Teflon layer does not chip or fade.

- ▶ External diameter (including Teflon layer) is .012.
- ▶ The core wire is .008 stainless steel.
- ▶ Pack of 100

Diameter	Part Number
.012	272-0012

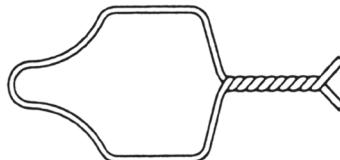


Small Preformed Ligature Wire

Small stainless steel preformed ligature wires allow for easy archwire fitting. Unique design fits easily over any bracket type.

- ▶ Pack of 1000

Diameter	Part Number
.008	270-0000
.010	270-0001



INTRAORAL APPLIANCES

Ligatures

ORMCO KOBAYASHI LIGATURES

Long Kobayashi Ligature Wires

These ready-to-use ligature wires are quickly tied in place in the same manner as a standard ligature wire. Wires are spot-welded together to form a hook, which can then be curved up or down.

▶ Pack of 100

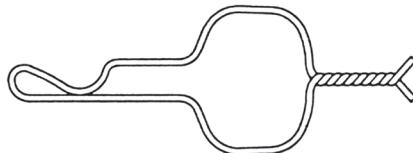
Diameter	Part Number
.012	271-0012
.014	271-0014
.016	271-0016



Ormco Kobayashi Mini-Ligatures

▶ Pack of 100

Diameter	Part Number
.012	271-0000
.014	271-0001
.016 (Teflon)	271-0006



INTRAORAL APPLIANCES

Springs

STEEL SPRINGS

Pletcher Springs

Used during the retraction stage.

- ▶ For closing spaces
- ▶ Providing constant forces
- ▶ Distal end: closed spring features coil loop 90° to helix
- ▶ Mesial end: straight length
- ▶ Pack of 50



Dimension	Part Number
.009 x .030	704-6021
.011 x .030	704-6022

INTRAORAL APPLIANCES

Springs

NI-TI SPRINGS

Open Ni-Ti Springs

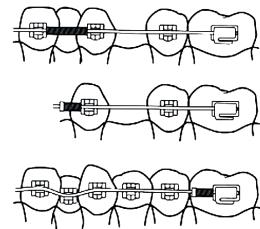
For arch consolidation and distalization when an extraoral appliance is not required. Reliable forces over extended periods. Ni-Ti springs deliver lower force levels which can help minimize discomfort.

Align Ni-Ti springs are now an integral part of orthodontic appliances. Facilitate space opening and closure, with improved sliding mechanics and hygiene.

There are a variety of springs to deliver up to three distinct force levels. Recommended when optimum, sustained forces over extended periods are required.

Cuspid retraction

The open-coil spring is placed between the upper central incisor and cuspid brackets. A crimpable free-sliding tube / stop can be used for cuspid retraction.



Molar distalization - anterior crowding correction

The compression spring is placed mesial to the first molar and a crimpable free-sliding tube / stop is set to activate the spring.



Designation	Size	Strength	Spring Diameter	Wire Diameter	Part Number
Ni-Ti ormco	Length (17,78 cm-pk/3)	Light (150 g)	.030	.010	221-5510
	Length (17,78 cm-pk/3)	Medium (380 g)	.030	.012	221-5512
	Length (17,78 cm-pk/3)	Heavy (450 g)	.036	.014	221-5514
Align A+	Length (17,78 cm-pk/3)	Light	.030	.010	704-6047
	Length (17,78 cm-pk/3)	Medium	.030	.012	704-6049
	Spool (35,5 cm-single)	Light	.030	.010	704-6052
	Spool (35,5 cm-single)	Medium	.030	.011	704-6054
	Spool (35,5 cm-single)	Heavy	.030	.012	704-6055

INTRAORAL APPLIANCES

Springs

NI-TI SPRINGS

Closed Ni-Ti Springs (with Eyelets)

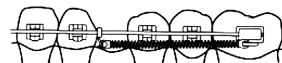
Cuspid retraction

Eyelets are hooked on a free-sliding crimp hook placed mesial to the cuspid or on a Hemi-Hook of the cuspid bracket. A crimpable free-sliding tube / stop can be placed on the archwire to control the amount of retraction.

Anterior crowding correction

A crimpable free-sliding hook is placed distal to the lateral incisor.

The eyelets are hooked onto the crimp hook and first molar buccal tube hook to activate retraction.



Designation	Size	Strength	Spring Diameter	Wire Diameter	Part Number
Ni-Ti ormco	9 mm (par 10)	Light (100 g)	.030	.010	222-5610
	12 mm (par 10)	Medium (250 g)	.030	.010	222-5612
	9 mm (par 10)	Heavy (350 g)	.030	.010	222-5620
Align A+	6 mm (par 10)	Light	.030	.010	704-6037
	9 mm (par 10)	Light	.030	.010	704-6036
	12 mm (par 10)	Light	.030	.010	704-6040
	15 mm (par 10)	Light	.030	.010	704-6042
	6 mm (par 10)	Medium	.030	.011	704-6065
	9 mm (par 10)	Medium	.030	.011	704-6066
	12 mm (par 10)	Medium	.030	.011	704-6062
	15 mm (par 10)	Medium	.030	.011	704-6063
	9 mm (par 10)	Heavy	.030	.012	704-6039
	12 mm (par 10)	Heavy	.030	.012	704-6041
	15 mm (par 10)	Heavy	.030	.012	704-6043

INTRAORAL APPLIANCES

Springs

TMA SPRINGS

TMA Springs

The springs require less wire to exert the forces required.

Consequences

- ▶ Decrease in dental trauma.
- ▶ Greater patient comfort.

Packaging

- ▶ Length of 19.05 cm
- ▶ Tube of 3



Designation	Strength	Spring Diameter	Wire Diameter	Part Number
Open	Light	.060	.009	221-0901
	Medium	.060	.010	221-1001
	Heavy	.060	.0115	221-1150
Closed (Stop Wound)	Light	.060	.009	222-0901
	Medium	.060	.010	222-1001

EXTRAORAL APPLIANCES

► **Facebows / p.182**

- SRX - Outer Bow with Horizontal Loops p.182
- SR - Outer Bow with Horizontal Loops..... p.183
- SRX Ormco Facebows p.184

► **Facebook Pull Straps / p.185**

- Ormco Headgears, Cervical Neck Straps and Modules p.185

► **Protraction Facemasks / p.186**

- Ormco Adjustable / Dynamic Protraction Facemask p.186
- Ormco Asian Profile Protraction Facemask..... p.187

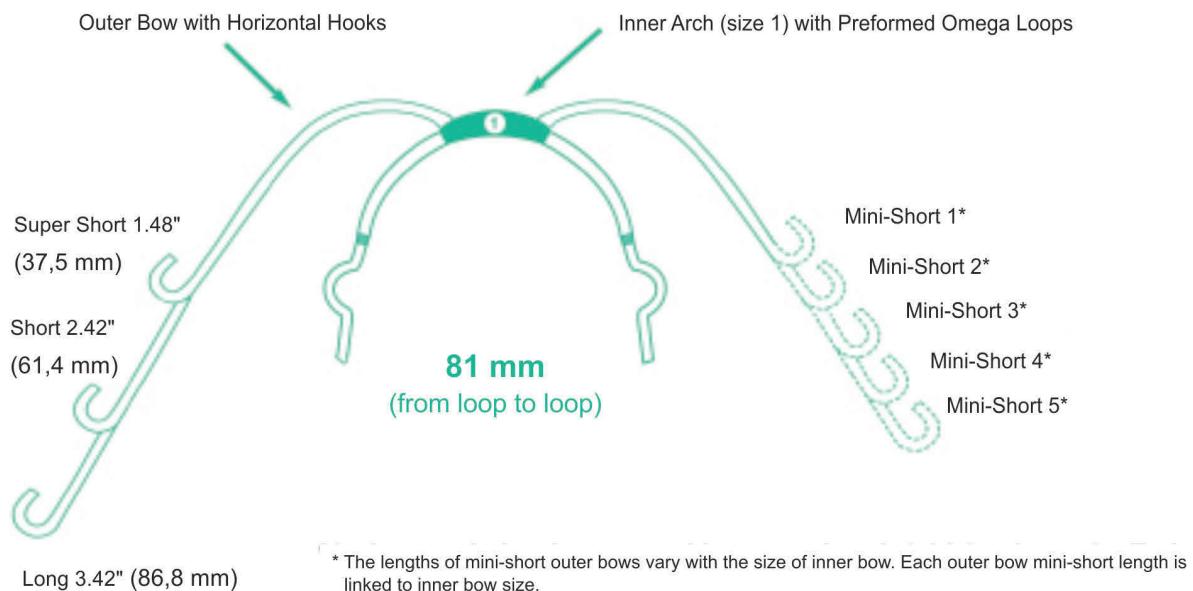
EXTRAORAL APPLIANCES

Facebows

SRX - OUTER BOW WITH HORIZONTAL LOOPS

SRX ORMCO FACEBOW FEATURES

- Wider external bow to reduce labial interference, soft-tissue irritation and arch adjustments for greater patient comfort.
- More resistant stainless steel reducing fractures due to lower internal stress after manufacturing.
- Tubing reinforced outer bow minimizing deformation or fracture due to more resistant gold-based welding.
- Innovative hook shape at end of outer bow: reduces risk of catching.



* The lengths of mini-short outer bows vary with the size of inner bow. Each outer bow mini-short length is linked to inner bow size.

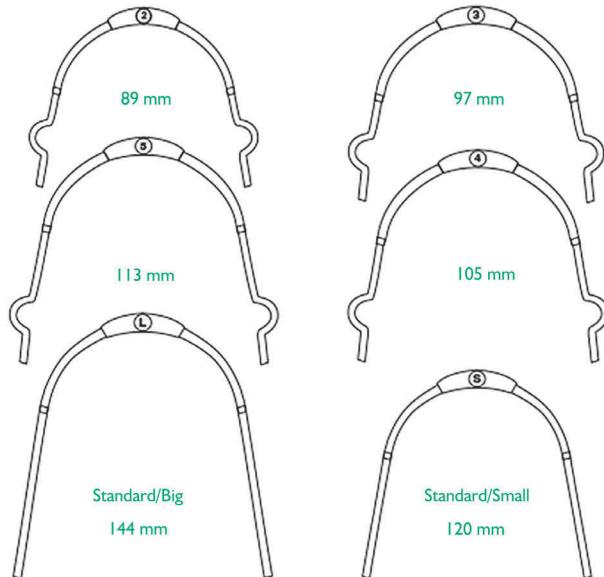


EXTRAORAL APPLIANCES

Facebows

SR - OUTER BOW WITH HORIZONTAL LOOPS

SR - Outer Bow with Horizontal Loops



Designation	Dimension	Size	Part Number
Short	Inner bow .045 Omega loops	1	200-0221
	Inner bow .045 Omega loops	2	200-0222
	Inner bow .045 Omega loops	3	200-0223
	Inner bow .045 Omega loops	4	200-0224
	Inner bow .045 Omega loops	5	200-0225
	Inner bow .045 Standard	Small	200-0227
	Inner bow .045 Standard	Large	200-0228
Mini-short	Inner bow .045 Omega loops	1	200-0241
	Inner bow .045 Omega loops	2	200-0242
	Inner bow .045 Omega loops	3	200-0243
	Inner bow .045 Omega loops	4	200-0244
	Inner bow .045 Omega loops	5	200-0245
Super-short	Inner bow .045 Omega loops	2	200-0262
	Inner bow .045 Omega loops	3	200-0263
	Inner bow .045 Omega loops	4	200-0264
	Inner bow .045 Omega loops	5	200-0265
	Inner bow .045 Standard	Small	200-0267
	Inner bow .045 Standard	Large	200-0268
Long	Inner bow .045 Omega loops	1	200-0201
	Inner bow .045 Omega loops	2	200-0202
	Inner bow .045 Omega loops	3	200-0203
	Inner bow .045 Omega loops	4	200-0204
	Inner bow .045 Omega loops	5	200-0205
	Inner bow .045 Standard	Large	200-0208

EXTRAORAL APPLIANCES

Facebows

SRX ORMCO FACEBOWS

Colored Outer Bow with Horizontal Loops

Designation	Dimension	Color	Size	Part Number
Short	Inner bow .045 Omega loops	Pink	3	200-0323
	Inner bow .045 Omega loops	Pink	4	200-0324
	Inner bow .045 Standard	Pink	Large	200-0328
Mini-short	Inner bow .045 Omega loops	Pink	3	200-0343
	Inner bow .045 Omega loops	Pink	4	200-0344
Short	Inner bow .045 Omega loops	Yellow	3	200-0423
	Inner bow .045 Omega loops	Yellow	4	200-0424
	Inner bow .045 Standard	Yellow	Large	200-0428
Mini-short	Inner bow .045 Omega loops	Yellow	3	200-0443
	Inner bow .045 Omega loops	Yellow	4	200-0444
Short	Inner bow .045 Omega loops	Orange	3	200-0523
	Inner bow .045 Omega loops	Orange	4	200-0524
	Inner bow .045 Standard	Orange	Large	200-0528
Mini-short	Inner bow .045 Omega loops	Orange	3	200-0543
	Inner bow .045 Omega loops	Orange	4	200-0544
Short	Inner bow .045 Omega loops	Black	3	200-0623
	Inner bow .045 Omega loops	Black	4	200-0624
	Inner bow .045 Standard	Black	Large	200-0628
Mini-short	Inner bow .045 Omega loops	Black	3	200-0643
	Inner bow .045 Omega loops	Black	4	200-0644
Short	Inner bow .045 Omega loops	White	3	200-0723
	Inner bow .045 Omega loops	White	4	200-0724
	Inner bow .045 Standard	White	Large	200-0728

SRX - Outer Bow with Horizontal Loops

Designation	Dimension	Size	Part Number
Short	Inner bow .045 Omega loops	3	200-1223
	Inner bow .045 Omega loops	4	200-1224
	Inner bow .045 Standard	Large	200-1228
Mini-short	Inner bow .045 Omega loops	3	200-1243
	Inner bow .045 Omega loops	4	200-1244

EXTRAORAL APPLIANCES

Facebow Pull Straps

ORMCO HEADGEARS, CERVICAL NECK STRAPS AND MODULES

High-Pull Headgear

Designation	Part Number
Black cervical neck strap + 2 medium release modules (1)	715-1010
High-pull headgear for black release modules (10)	715-1011
High-pull headgear for pink release modules (10)	715-1012
High-pull headgear for yellow release modules (10)	715-1013

Cervical Neck Strap

Designation	Part Number
Black cervical neck strap + 2 medium release modules (1)	715-1000
Denim cervical neck strap (10)	715-1001
Pink cervical neck strap (10)	715-1002
Yellow cervical neck strap (10)	715-1003
Blue cervical neck strap (10)	715-1004
Green cervical neck strap (10)	715-1005
Black cervical neck strap (10)	715-1006
Cervical neck strap assortment of 5 colors (5)	715-1009

Release Modules

Designation	Part Number
White C-type medium force release module (10)	715-2020
Gray C-type strong force release module (10)	715-2021

EXTRAORAL APPLIANCES

Protraction Facemasks

ORMCO ADJUSTABLE / DYNAMIC PROTRACTION FACEMASK

The facemask provides dynamic movement in the forehead rest while allowing the chin cup to slide vertically along the main frame permitting ease of movement while sleeping, talking, or anytime the jaw is moving.

Padded, free moving chin and forehead rests reduce rubbing and thus skin irritation.

Effective treatment through good patient cooperation; moves skeletal class III maxilla forward while stabilizing or retracting the mandible.

Can also be used to close and correct anterior crossbite. (Sold individually)

► Easily adjusted / Comfortable to wear / Clinical efficacy.

► The protraction facemask comes with chin and forehead pads, 3 sets of replacement pads as well as a hex key.



Color	Part Number
Blue	716-0001
Lavender	716-0002

Refill	Part Number
Assortment of forehead and chin pads	716-0003
Hex key	716-0004

EXTRAORAL APPLIANCES

Protraction Facemasks

ORMCO ASIAN PROFILE PROTRACTION FACEMASK

The facemask provides dynamic movement in the forehead rest while allowing the chin cup to slide vertically along the main frame permitting ease of movement while sleeping, talking, or anytime the jaw is moving.

Padded, free moving chin and forehead rests reduce rubbing and thus skin irritation.

Effective treatment through good patient cooperation; moves skeletal class III maxilla forward while stabilizing or retracting the mandible.

Can also be used to close and correct anterior crossbite. (Sold individually)

► Easily adjusted / Comfortable to wear / Clinical efficacy.

► The protraction facemask comes with chin and forehead pads, 3 sets of replacement pads as well as a hex key.



Color	Part Number
Blue	716-0011
Lavender	716-0012

Refill	Part Number
Asian Assortment of forehead and chin pads	716-0005
Hex key	716-0004

SUPPLIES

► **Impression Material / p.190**

o Cold-Sterilizable Plastic Impression Trays p.190

► **Solders / p.191**

o Solder with Flux..... p.191

o Ormco Brass Solder Sticks p.192

► **Hygiene / p.193**

o Patient Care..... p.193

SUPPLIES

Impression Material

COLD-STERILIZABLE PLASTIC IMPRESSION TRAYS

Ormco Bright Plastic Impression Trays

- ▶ With retention rims
- ▶ Permanent midline marking
- ▶ Deep vestibule
- ▶ No adhesive required
- ▶ Bag of 20

Color	Size	Part Number
Purple	10 (superior)	714-0041
Purple	10 (inferior)	714-0051
Pink	12 (superior)	714-0042
Pink	12 (inferior)	714-0052
Blue	14 (superior)	714-0043
Blue	14 (inferior)	714-0053
Green	16 (superior)	714-0044
Green	16 (inferior)	714-0054



SUPPLIES

Solders

SOLDER WITH FLUX

Ormco Silver Solder - Spool

Cadmium-free, easy-fusing solder. Its high silver content is adapted to Ni-Cr alloys in orthodontics.

Diameter	Part Number
.015 (0.41 mm)	759-0015
.025 (0.63 mm)	759-0025



SUPPLIES

Solders

ORMCO BRASS SOLDER STICKS

Straight

- ▶ Stop and hook for tieback ligature
- ▶ Hook for interdigititation elastics, class II and III

Diameter	Part Number
.025	758-0025
.028	758-0028
.032	758-0032



Notched

- ▶ Stop and hook for tieback ligature
- ▶ Hook for elastics, hook for extraoral appliances
- ▶ For welding auxiliaries

Diameter	Part Number
.025	758-0125
.028	758-0128
.032	758-0132



Cross-Elastic

- ▶ Hook for cross-bite elastic / weld to band
- ▶ Rounded end to prevent soft tissue damage

Diameter	Part Number
.028	758-0328



Ball

- ▶ Welding on lingual arches
- ▶ Auxiliaries
- ▶ Hook for elastics / weld to bands

Diameter	Size	Part Number
.032	Small	758-0232
.032	Medium	758-0233
.032	Large	758-0234



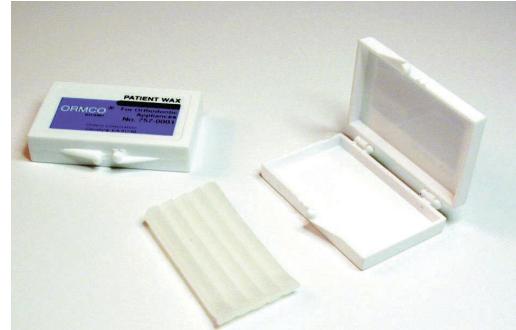
SUPPLIES

Hygiene

PATIENT CARE

Smooth Ease™ Silicone Relief Strips

757-0010



APPENDIX

- ▶ **Conversion Chart / p.196**
- ▶ **Allergies / p.197**
- ▶ **Terms & Conditions of Sale / p.198**
- ▶ **Index / p.203**
- ▶ **Notes / p.206**

APPENDIX

Conversion Chart

INCHES		MM	INCHES		MM	INCHES		MM	INCHES		MM	INCHES		MM	
FRACTION	DECIMAL		FRACTION	DECIMAL		FRACTION	DECIMAL		FRACTION	DECIMAL		FRACTION	DECIMAL		
1/64	0.004	0.1	1/4	0.25	6.35	1/2	0.50	12.7	3/4	0.75	19.050	1	1.000	25.40	
	0.008	0.2		0.252	6.4		0.504	12.8		0.752	19.1		1.004	25.5	
	0.01	0.254		0.256	6.5		0.512	13.0		0.756	19.02		1.181	30.0	
	0.0156	0.397		0.2598	6.6		0.5156	13.097		0.76	19.304		1.201	30.5	
	0.0157	0.4		0.26	6.604		0.5197	13.2		0.764	19.4		1.220	31.0	
	0.02	0.508		0.2656	6.747		0.52	13.208		0.766	19.447		1.240	31.5	
1/32	0.024	0.6	17/64	0.2677	6.8	17/32	0.5276	13.4	49/64	0.772	19.6	11 ^{1/4}	1.250	31.75	
	0.031	0.794		0.276	7.0		0.531	13.494		0.7795	19.8		1.260	32.0	
	0.032	0.8		0.28	7.112		0.535	13.6		0.78	19.812		1.280	32.5	
	0.039	1.0		0.281	7.114		0.54	13.716		0.781	19.844		1.299	33.0	
3/64	0.04	1.016	9/32	0.283	7.2	35/64	0.543	13.8	25/32	0.787	20.0	1.319	1.339	33.5	
	0.0469	1.191		0.291	7.4		0.547	13.891		0.795	20.2		1.358	34.0	
	0.047	1.2		0.297	7.54		0.551	14.0		0.797	20.241		1.378	34.5	
	0.055	1.4		0.299	7.6		0.559	14.2		0.80	20.320		1.39817	35.5	
1/16	0.06	1.524	19/64	0.30	7.62	9/16	0.56	14.224	51/64	0.803	20.4	1.417	1.417	36.0	
	0.0625	1.58		0.307	7.8		0.563	14.288		0.811	20.6		1.437	36.5	
	0.063	1.6		0.313	7.938		0.567	14.4		0.813	20.638		1.457	37.0	
5/64	0.071	1.8	5/16	0.315	8.0	37/64	0.575	14.6	13/16	0.819	20.8	11 ^{1/2}	1.496	38.0	
	0.078	1.984		0.32	8.128		0.578	14.684		0.82	20.828		1.5	38.10	
	0.079	2.0		0.323	3.2		0.58	14.732		0.827	21.0		1.516	38.5	
	0.08	2.032		0.328	3.334		0.583	14.8		0.828	21.034		1.535	39.0	
3/32	0.0866	2.2	11/32	0.331	8.4	19/32	0.591	15.0	27/32	0.835	21.2	1.555	1.555	39.5	
	0.0938	2.381		0.339	8.6		0.594	15.081		0.84	21.336		1.575	40.0	
	0.0945	2.4		0.34	8.636		0.598	15.2		0.843	21.4		1.594	40.5	
	0.1	2.54		0.344	8.737		0.60	15.24		0.844	21.431		1.969	50.0	
7/64	0.102	2.6	23/64	0.346	8.8	39/54	0.606	15.4	55/64	0.850	21.6	2	2.000	50.80	
	0.109	2.778		0.354	9.0		0.609	15.478		0.858	21.8		2.362	60.0	
	0.110	2.5		0.359	9.128		0.614	15.6		0.859	21.828		2.500	63.50	
	0.118	3.0		0.36	9.144		0.62	15.748		0.86	21.844		2.75	670.0	
1/8	0.12	3.048	3/8	0.362	9.2	5/8	0.622	15.8	7/8	0.866	22.0	3	3.000	76.20	
	0.125	3.175		0.370	9.4		0.625	15.875		0.874	22.2		3.150	80.0	
	0.126	3.2		0.375	9.525		0.630	16.0		0.875	22.225		3.500	88.90	
	0.134	3.4		0.378	9.6		0.635	16.2		0.88	22.352		3.543	90.0	
9/64	0.14	3.556	25/64	0.38	9.652	41/64	0.64	16.256	57/64	0.882	22.4	4	4.000	101.60	
	0.141	3.572		0.386	9.8		0.641	16.271		0.890	22.6		4.000	101.60	
5/32	0.142	3.6	13/32	0.391	9.922	21/32	0.654	16.6	29/32	0.891	22.622	11 ^{1/2}	4.500	114.30	
	0.150	3.8		0.40	10.16		0.656	16.669		0.898	22.8		5	5.000	127.0
	0.156	3.969		0.402	10.2		0.66	16.764		0.90	22.860		5	5.906	150.0
	0.157	4.0		0.406	10.319		0.661	16.8		0.9055	23.0		6	6.000	152.40
	0.16	4.064		0.409	10.4		0.669	17.0		0.906	23.019		7	7.000	177.80
11/64	0.165	4.2	27/64	0.417	10.6	43/64	0.672	17.066	59/64	0.9134	23.2	7	7.874	200.0	
	0.172	4.366		0.42	10.668		0.677	17.2		0.921	23.368		8	8.000	203.20
	0.173	4.4		0.4219	10.716		0.68	17.272		0.922	23.416		9	9.000	228.60
	0.18	4.572		0.425	10.8		0.685	17.4		0.929	23.6		10	10.000	254.0
3/16	0.181	4.6	7/16	0.433	11.0	11/16	0.688	17.463	15/16	0.937	23.8	10	11.811	300.0	
	0.188	4.763		0.438	11.113		0.693	17.6		0.938	23.818		15	15.000	381.0
	0.190	4.8		0.44	11.176		0.70	17.78		0.94	23.876		15	15.748	400.0
	0.197	5.0		0.441	11.2		0.701	17.8		0.945	24.0		19.685	500.0	
13/64	0.2	5.08	29/64	0.449	11.4	45/64	0.703	17.859	61/64	0.953	24.209	20	20.000	508.0	
	0.203	5.159		0.453	11.509		0.709	18.0		0.9528	24.2		23.622	600.0	
	0.205	5.2		0.457	11.6		0.717	18.2		0.953	24.384		25.000	635.0	
7/32	0.213	5.4	15/32	0.46	11.684	23/32	0.719	18.256	25/32	0.9606	24.4	25	27.559	700.0	
	0.219	5.55		0.465	11.8		0.72	18.288		0.9685	24.6		25	27.559	700.0
	0.22	5.583		0.469	11.906		0.724	18.4		0.9688	24.606		30	30.000	762.0
	0.228	5.8		0.472	12.0		0.732	18.6		0.9764	24.8		35	35.433	900.0
15/64	0.234	5.95	31/64	0.4803	12.2	47/64	0.7344	18.653	35	0.98	24.892	39.37	31.496	800.0	
	0.236	6.0		0.4844	12.303		0.74	18.796		0.9843	25.0		35	35.000	889.0
	0.24	6.096		0.488	12.4		0.7402	18.8		0.9844	25.003		35	35.433	900.0
	0.244	6.2		0.496	12.6		0.748	19.0		0.992	25.2		39.37	1000.0	

APPENDIX

Allergies

In orthodontics, the two principal sources of allergies are nickel and latex.

For the first time, and in a way to help you track easily the solutions we can provide, please find the following listed items dedicated to these two types of allergies.

NICKEL FREE PRODUCTS

Brackets

- ▶ Titanium Orthos Bracket (Page 20)
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Intra-Oral Elastics (Non Ormco)

Force	Diameter	Grams	Part Number
Medium	6,35	130	GH06320014
Heavy	6,35	185	GH06320114
Medium	4,76	130	762-2397
Heavy	4,76	185	GH06320136

APPENDIX

Terms & Conditions of Sale

UNLESS OTHERWISE EXPRESSLY AGREED IN WRITING, ALL SALES ARE SUBJECT TO, BUT NOT LIMITED TO, THE FOLLOWING ORMCO CORPORATION ("SELLER") TERMS AND CONDITIONS OF SALE.

PAYMENT INFORMATION

Purchaser shall pay the purchase price as listed in the sales catalogue price list or, if no price list has been provided, the price listed on the invoice accompanying the product. Any discount granted from Seller to Purchaser for early payment shall be documented on the invoice.

Purchaser shall pay the balance due on the date specified on the equipment order. Payment can be made via check or wire transfer.

Unless otherwise expressly agreed in writing, all payments are due within thirty (30) days after the date of the invoice unless otherwise specified on the front of the invoice. Seller reserves the right to establish and /or change payment terms extended to Purchaser when, in Seller's sole opinion, Purchaser's financial condition or previous payment record warrants that action.

Security Interest: Seller retains a security interest in the Products delivered to the Purchaser, and in their accessories, replacements, accessions, proceeds and products, including accounts receivable (collectively, the "Collateral") to secure payments of amounts and performance due under this invoice. Purchaser acknowledges that this document or copies of this document may be filed with the appropriate authorities as a financing statement and agrees to execute and deliver such other documents as we may request in order to evidence or perfect our security interest.

For products sold in the European Union, any invoice or other outstanding balance not paid within thirty (30) days after the date of the invoice will be subject to a flat fee plus statutory interest payment due pursuant to directive 2011/7/EU in the amount of the sum of the specific EU Members reference rate plus 8%. For products sold anywhere else in the world, any invoice or other outstanding balance not paid within thirty (30) days after the date of the invoice will be subject to a carrying charge of 1 ½% per month, an amount equal to 18% annum or the maximum rate permitted by law, whichever is less.

SHIPMENTS; TITLE TO GOODS

For all Shipments from the United States

DOMESTIC. All domestic shipments will be made FOB (UCC § 2-319) Seller's facility. Delivery will be deemed complete and legal title and all risk of loss or damage to the Products will pass to Purchaser, upon delivery to the carrier. **INTERNATIONAL.** All international shipments will be made FCA (Incoterms 2010) Seller's Facility. Delivery will be deemed complete and all risk of loss or damage to the Products will pass to Purchaser when the Products enter international water or airspace or upon delivery to the customer's designated freight forwarder. Legal title will transfer when products enter international water or airspace. International waters are defined as twelve (12) nautical miles from the last port of US export. International air space entry is defined at the time of aircraft departure/wheels up from the last US port of export.

Land shipments (rail and truck) will be deemed complete and legal title passed to Buyer once the shipment crosses out of the US. In the event of a dispute, these terms will supersede any terms reflected on shipping documents.

For all shipments from all other locations

All shipments will be made FCA Incoterms Seller's Facility. Delivery will be deemed complete and all risk of loss or damage to the Products will pass to Purchaser upon delivery to the carrier or, in the case of international shipments, when the Products enter international water or airspace or upon delivery to Purchaser's designated freight forwarder. Legal title will transfer when products enter international water or airspace. International waters are defined as twelve (12) nautical miles from the last port of export by Seller. International airspace

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entry is defined at the time of aircraft departure/wheels up from the last port of export by Seller. Land shipments (rail and truck) will be deemed complete and legal title passed to Purchaser once the shipment crosses the border out of country of residence of Seller or Seller's affiliate.

In the event of a dispute, these terms will supersede any terms reflected on shipping documents.

RETURNS

Seller's non-custom product(s) that are not defective in material or workmanship may be returned at Customer's expense for full credit within thirty (30) days of shipment.

Seller's non-custom product(s) that are not defective in material or workmanship being returned within thirty-one to ninety (31-90) days of shipment will receive a full exchange to a product of equal value (as determined by the Seller) and will be subject to a 20% restocking fee.

Product will not be approved for return later than ninety (90) days after shipment.

All returned products must meet the following conditions for credit to be issued:

- (a) Products must be unused, in the original unopened package and in resealable condition;
- (b) Products must be packaged so as to arrive at Seller's facility undamaged;
- (c) Products must be shipped prepaid and insured for full invoice value;
- (d) Products must be of current design;
- (e) A copy of original invoice must accompany the products along with a note explaining the reason for this return;
- (f) Returns must be accompanied by a Return Material Authorization (RMA) that can be obtained from the Customer Care Department (00800 3032 3032).

Once Product has been returned and processed, the exchange Product will be issued.

INTERNATIONAL RETURNS. For all international returns approval must be obtained from Customer Care prior to returning product to the United States. In addition to providing a copy of the invoice, the customer must issue a new pro forma invoice in English to the Import-Export Department to include:

- (a) date of return shipment, customer name and address; Seller ship to address; plus the following for each product: product name, part number, quantity, value, country of origin, and schedule B number (all found on Seller's invoice);
- (b) Statement: "Returned merchandise: value declared for customs purposes only."
- (c) Customers must send a shipment pre-alert to Import- Export Department to include the invoice, air bill, flight details and/or arrival information.

NON-RETURNABLE GOODS. The following products are not returnable:

- (a) Any custom-made products;
- (b) Chemical or refrigerated products. Seller's Customer Returns Department's evaluation of the condition of products and count are final. When returning all or part of an order to the U.S., enclose a copy of the invoice, and return via a trackable, insurable shipping method to: **Customer Returns Dept. 1332 S Lone Hill Avenue, Glendora, CA 91740.** When returning all or part of an order to The Netherlands, enclose a copy of the invoice and return via a trackable, insurable shipping method to: **Customer Returns Dept., Basicweg 20, 3821 BR Amersfoort, The Netherlands.**

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LIMITED WARRANTY

PURCHASER MUST ASSUME FULL RESPONSIBILITY FOR THE SELECTION OF THE PRODUCT TO ACHIEVE PURCHASER'S INTENDED PURPOSES, FOR THE PROPER INSTALLATIONS AND USE OF THE PRODUCT AND FOR VERIFYING THE RESULTS OBTAINED FROM ITS USE.

Seller assumes no responsibility for and does not warrant the installation work of others nor does Seller assume responsibility for overseeing or supervising the work of any person other than its own agents or personnel. All products manufactured are warranted to be free of defects in materials and manufacture for one year from date of delivery. Any material or manufacture defect covered by this limited warranty which occurs during normal use and is reported to Seller in writing during the period of one (1) year from the date such product is shipped to the Purchaser.

Seller's obligation hereunder, upon verification of the defect or error, shall be to provide one of the following: (i) replacement at no charge to Purchaser; (ii) repair at no charge to Purchaser; or (iii) credit the purchase price to Purchaser. If, upon the inspection of any Seller product to which this warranty applies, Seller determines that a claimed defect was not due to its manufacture or materials, Seller will proceed to service the Seller product at Purchaser's expense and approval. This warranty shall be null and void upon service, repair or replacement of any portion of the Seller product or any modification performed by anyone other than an authorized Seller service representative, or under the direction of Seller. Purchaser must use the Seller approved hardware with the prescribed Seller software and must use the Seller software with the prescribed Seller hardware. Usage of any Seller component with any non-prescribed component will render warranty coverage for the Seller product null and void. Any modification of any Seller product will also render warranty coverage for the Seller product null and void. Purchaser's remedies under this limited warranty are exclusive of all others.

Seller's warranty obligation with respect to all components, equipment and accessories which are integrated into a Seller product and not manufactured by Seller shall be limited to those express written warranties made to Seller by manufacturer which Seller hereby assigns and transfers to Purchaser. THE FORGOING WARRANTY IS MADE IN LIEU OF ALL OTHER WARRANTIES WHATSOEVER WITH RESPECT TO PRODUCT OR SERVICES SOLD HEREUNDER, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ALL WARRANTIES SHALL TERMINATE ONE YEAR FROM DATE OF DELIVERY OF PRODUCT TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY HAVE OTHERS, WHICH VARY FROM STATE TO STATE.

PATENT IDEMNIFICATION

Seller shall defend any suit or proceeding brought against Purchaser so far as the same is based on a claim that any product of Seller's design furnished hereunder or any part thereof, constitutes an infringement of any United States patents, if notified promptly in writing and given authority, information and assistance (at Seller's expense) for the sole defense and settlement of the same and if such alleged infringement is not the result of a design or other special requirement specified by Purchaser or the result of the application or use to which such product is put by Purchaser or others. Seller will pay all damages and costs awarded in such suit or proceeding against Purchaser. In case such product or part thereof are in such suit held to infringe any such patent and the use thereof is enjoined, Seller shall, at its expense and option, either (a) obtain for Purchaser the right to continue using such product or part thereof, (b) replace the same with non-infringing product, or (c) modify the same so it becomes non-infringing, or (d) remove said product and refund the purchase price, less applicable depreciation, and the transportation and installation cost thereof. The foregoing states the entire liability of Seller to Purchaser for patent infringement.

APPENDIX

Terms & conditions of sale

TRADEMARK

Seller owns certain trademarks, slogans, trade names, service marks and logos (collectively the "Seller's Marks"). Purchaser shall not, without the written permission of Seller, use Seller's Marks; associate its business with any Seller Marks; register, maintain or use any Internet domain based on, containing, or similar to, Seller's Marks; or create or maintain any social media.

DATA PRIVACY NOTICE

Seller (including its direct and indirect subsidiaries and affiliated companies) ("Seller") acts as a data controller with respect to the collection, use, and other processing of certain data about customers relating to the relationship between the Customer and Seller. To the extent permitted under applicable data protection and local employment laws, Seller collects, uses, and processes customer data for (a) the performance and the administration of the contract agreement between the customer and Seller (b) for compliance with a legal obligation of Seller or (c) for Seller's legitimate interests in running its business.

Seller does not sell or disclose your Personal Data to third parties without your consent, except:

- To affiliates and third-party service providers to provide services and information on our sites, including online marketing and advertising, and to support our business operations. We require these parties to handle Personal Data in accordance with this Privacy Notice.
- To affiliates to offer and provide information about related products and services. We do not share Personal Data from countries that require consent, unless consent has been obtained in advance to sharing with related affiliates. We require these parties to handle Personal Data in accordance with this Privacy Notice.
- To another company in connection with the sale or transfer of one of our product lines or divisions, which includes the services provided through one or more of Seller's affiliates.
- To governing regulatory authorities, including the US Food and Drug Administration, or as may otherwise be necessary for Seller to comply with a legal obligation or demand.

Customers have the right to access, transfer, object, cancel, review, update, correct and request the deletion or restriction of their own customer data in accordance with applicable law. These rights may be limited in some situations; as if it is determined to be infeasible to fulfill your request due to a legal requirement. Also, customers are responsible for informing Seller if there are any changes or inaccuracies to their customer data. The entire data privacy notice can be accessed online at www.ormco.com

LIMITATION OF LIABILITY

IN NO EVENT SHALL SELLER BE LIABLE, AND PURCHASER WAIVES ALL CLAIMS AGAINST SELLER FOR CONSEQUENTIAL OR SPECIAL DAMAGES, WHETHER OR NOT BASED UPON SELLER'S NEGLIGENCE OR BREACH OF WARRANTY OR STRICT LIABILITY IN TORT OR ANY OTHER CAUSE OF ACTION ARISING, DIRECTLY OR INDIRECTLY, IN RESPECT TO THE SELLER PRODUCT OR SERVICES COVERED HEREUNDER, OR THE USE OR FAILURE THEREOF, INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOST PROFITS, LOSS OF PRODUCTION OR INJURY TO PERSONS OR PROPERTY. IN ANY EVENT, SELLER'S MAXIMUM LIABILITY SHALL NOT EXCEED THE PURCHASE PRICE OF THE PRODUCT FURNISHED BY SELLER WHICH IS THE BASIS OF SUCH A CLAIM.

PROTECTED HEALTH INFORMATION

Seller offers certain products and services, including but not limited to Insignia, Spark, ClearGuide Express, Lythos and Dicast. In ordering these products the Purchaser provides Seller with personal health information of Purchasers patients. Purchaser warrants that it has obtained or will obtain the necessary consent to transfer this patient personal health information to Seller and Sellers vendors in order to comply with all applicable local and international laws with respect to this information. To comply with applicable laws and directives and to safeguard this information, Seller has implemented information policies to protect this information,

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Terms & Conditions of Sale

including providing training to personnel with access to this information and conducting background checks on those personnel, implementing building access controls, security procedures as well as computer server security procedures and designed certain products and software with features such as encryption, anti-virus and intrusion detection as well as other measure to assist Purchaser and vendors in protecting personal health information.

GENERAL

Force Majeure. Seller shall not be liable for delay in performance or for failure to render any performance, and any such delay or failure shall for all purposes be excused, when such delay or failure is caused by governmental regulation, fire, flood, wind, strike, labor disputes, accidents, embargo, riot, act of God, or any other causes or causes, whether of like or different nature, beyond the reasonable control of Seller. Purchaser shall bear any costs incidental to Purchaser's delay or failure in acceptance of the Seller's product or any other performance.

Established Business Relationship. By purchasing Seller's product, you have entered into an established business relationship with Seller formed by the purchaser of Seller's product, and hereby consent to receiving email and facsimile communications from Seller concerning products and services.

Patented Products. Brackets, molar assemblies and archwires covered by Seller patents are sold with license for single-use only.

Product Changes. Seller reserves the right in its sole discretion, to change, update and enhance the products at any time including to add functionality or features, or to remove them from the products. Seller may also, in its sole discretion, suspend the sale or production of any product.

Waiver. No failure of either party to exercise any power or right hereunder or to insist upon strict compliance with these Terms and Conditions of Sale, and no custom or practice of the parties at variance with the terms hereof, will constitute a waiver of either party's right to demand compliance with these terms.

Governing Law. These terms and conditions shall be governed by and construed in accordance with the laws of the State of California without regard to any conflict of laws provisions, and Purchaser hereby submits to the exclusive jurisdiction of the courts located in Orange, California.. The parties agree that the UN Convention on Contract for International Sale of Goods will not apply.

Termination for Default. Seller may terminate an order, in whole or in part, if Purchaser is in breach of any term contained in these Terms and Conditions of Sale and fails to remedy within ten (10) of Sellers notice.

Effect of Invalidity. If any of the provisions of these Terms and Conditions of Sale are determined to be invalid, illegal or unenforceable, such provisions will be severed and the remainder of these Terms and Conditions of Sale will be valid and enforceable to the extent permitted by applicable law, provided that the intent of the parties is not materially impaired.

The parties will use their best efforts to replace the invalid and unenforceable provision with a provision that, to the extent permitted by law, achieves the purposes intended under the invalid and unenforceable provision.

Statute of Limitation. Any action resulting from the breach on the part of Seller as to any Seller product delivered hereunder must be commenced within one year after the cause of action has accrued.

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Ormco

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