METAL BRACKETS

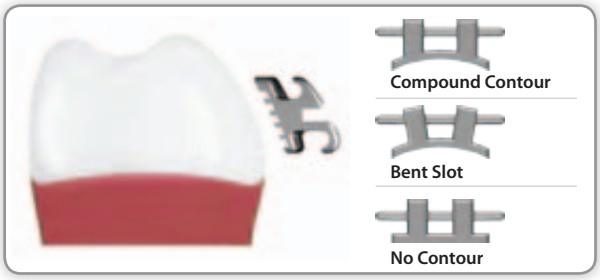
Choosing the right metal bracket is key to every successful orthodontic practice. Precisely engineered and manufactured with a focus on performance and patient comfort, ODP offers high quality, competitively priced metal brackets in a variety of popular systems and styles. Whether you're considering our line of Magnum™, Comfort Zone™ Low Friction, or our newest Agility® Self-Ligating bracket systems, ODP has the metal brackets you need to keep your patients happy and your practice thriving.

ODP's Straight Arch Appliance Design Features

Designed with beautiful smiles in mind, ODP's straight arch brackets and buccal tubes have all the features to simplify treatment while giving your patients results they will love. True four dimensional brackets are programmed with the following force characteristics: 1) compound contoured torque in base; 2) angulations; 3) proper in/out; and 4) anti rotation with level slot alignment. As these forces are applied to the teeth throughout the course of treatment, the corresponding dimensional characteristics of each tooth are achieved.

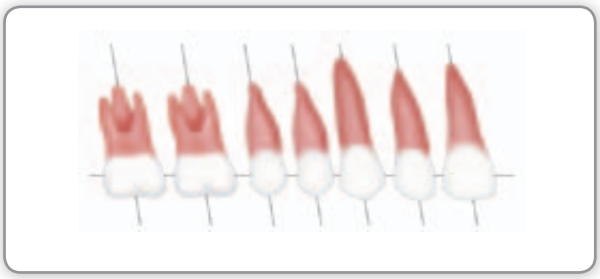
TORQUE-IN-BASE/ COMPOUND-CONTOUR

ODP's straight arch appliances are engineered with the torque built directly into the base. Anatomically contoured in both the mesial/distal and occlusal/gingival directions for easier and more efficient placement and bonding, the precise contour perfectly mirrors the tooth surface.



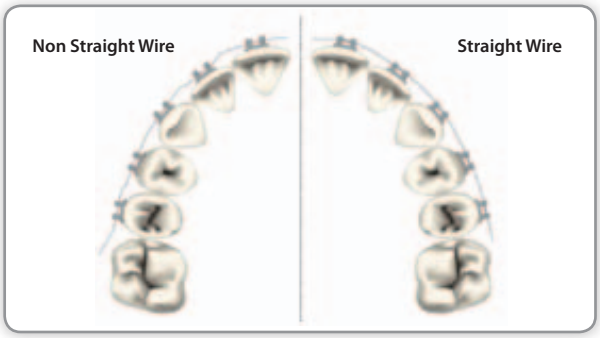
PRECISE ROOT ANGULATION

Each of ODP's straight arch brackets is engineered with exact root angulation, allowing for proper root alignment by placing the long axis of the root distal to the occlusal portion of the crown.



PROGRAMMED IN/OUT

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

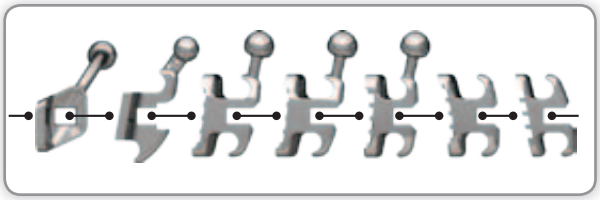


ROTATION-FREE

Because ODP's straight arch brackets and buccal tubes are designed to meet the contour of the teeth and prescribed alignment, teeth are controlled and free of rotation. ODP's straight arch buccal tubes are designed with precise molar offsets.

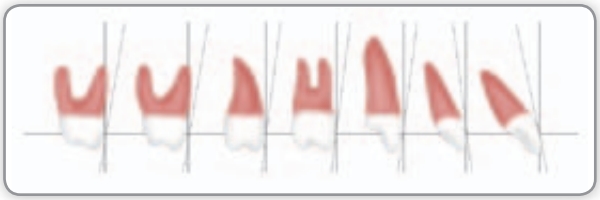
LEVEL SLOT LINE-UP

Once the teeth reach their final programmed position, each of the four dimensional characteristics of the bracket are fully translated into each tooth.



IDEAL CROWN TORQUE

ODP's straight arch central and lateral brackets are designed with a built-in "plus" torque for improved occlusal stability and in-line contact points.



ODP's Innovative Pad Designs

ODP offers two state-of-the-art "locking" pad designs to accommodate your individual needs and preferences. Our Accu-Lock™ pads feature a traditionally popular 80-gauge foil mesh, while our Anchor-Lock™ pads consist of state-of-the-art pylons that provide consistently strong bonds.

ANCHOR-LOCK PAD

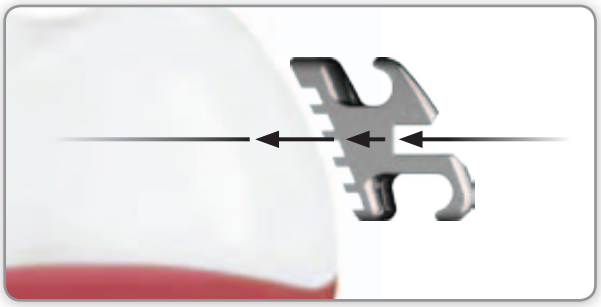
by Orthodontic Design and Production, Inc.

ODP'S STATE-OF-THE-ART ANCHOR-LOCK™ BASES TAKE BONDING TECHNOLOGY TO A WHOLE NEW LEVEL

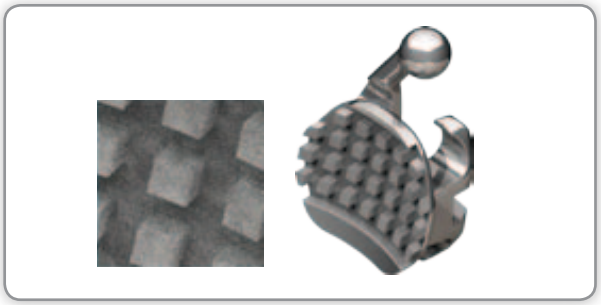
New technologies work in harmony when the advanced Low Friction design is combined with the state-of-the-art pylon base, providing enhanced bond strength for today's appliances.

PYLONS. ADVANCING WITH TECHNOLOGY

With retention equal to or greater than mesh bonding pads, the technologically advanced design of ODP's Anchor-Lock Pad™ bases features miniature pylons that function like sturdy anchors embedded firmly into the adhesive.



Anchor-Lock™ bases are designed with an EDM finish on all five pylon surfaces to maximize bracket retention, and the pylons are engineered at an acute angle relative to the torque, generating geometric undercuts when bonded.



For one of the strongest bonds available, it's a lock… Anchor-Lock™

ACCU-LOCK MESH

by Orthodontic Design and Production, Inc.

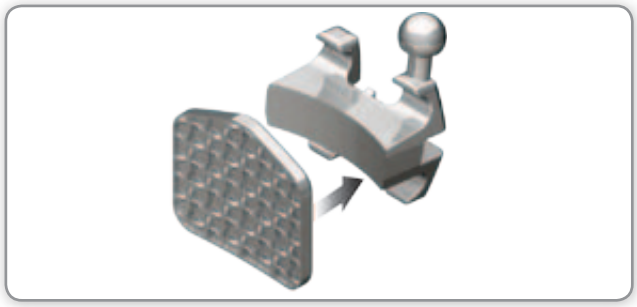
GETTING THE BEST OF BOTH WORLDS

Imagine...All the benefits of a one-piece bracket, built into an innovative two-piece design.

With Accu-Lock Mesh™ technology, ODP has engineered a state-of-the-art solution that makes it possible to experience all the benefits of a one-piece bracket, built into an innovative two-piece design.

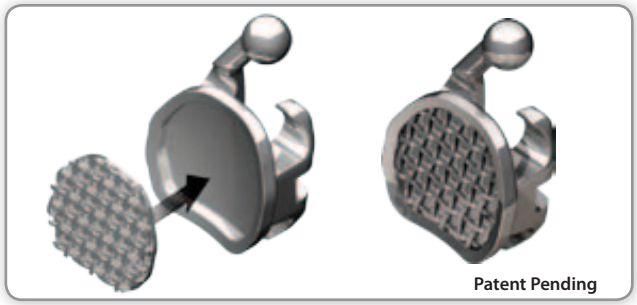
THE CHALLENGE WITH A TWO-PIECE DESIGN

Traditional two-piece bracket designs allow for welding inconsistencies as the mesh base is being welded to the bracket. This can result in inaccurate prescription representation if the base is not brazed precisely onto the bracket.



ACCU-LOCK™ IS THE SOLUTION

Engineered into the integral bracket design is a "pocket" that precisely accommodates the shape of the base to ensure exact base positioning. Once the base is secured, any possibilities of prescription errors are 100% eliminated.

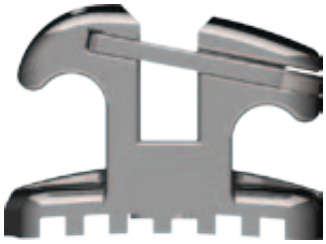


With ODP's Accu-Lock™ technology, the correct prescription is guaranteed every time.

ODP Introduces Agility®

In creating our latest innovation, the Agility® bracket system, ODP's engineers thought outside the box to produce a truly unique, passive, self-ligating bracket system that performs as smoothly as it looks. ODP's Agility® brackets are based on our popular Comfort Zone™ bracket system, which is already revered by orthodontists around the world.

With a sleek, ultra low profile design for ultimate patient comfort, the Agility® bracket system is perhaps the easiest self- ligating system available on the market, requiring no special instruments or training of any kind. Simply bond it, clip it, and watch it work. The Agility® system is an effective self-ligating bracket system that allows you to focus on the treatment, and not the appliances. The name says it all... Agility®.



Classic Twin Design

ODP's Agility® bracket system allows for fast and accurate bracket placement due to its familiar twin design. Even though Agility® is a self-ligating bracket system, it was engineered with a generous under tie wing area for the option of engaging elastomeric ligatures or power chain, making it a truly versatile and powerful treatment appliance.

Revolutionary Hygienic Clip Design

Engineered for maximum patient comfort and hygiene, Agility® brackets feature a convenient, versatile, easy-to-use self-ligating "confidence" clip that is constructed of high-quality nickel titanium. The durable, easy-sliding clips of the Agility® bracket system provide optimum flexibility, and will endure the lifetime of the treatment. The passive design of the "confidence" clip provides excellent sliding mechanics, virtually eliminating friction, which allows for fast and accurate tooth movement.

The clips are designed with a powerful dual-locking mechanism that eliminates unwanted openings. In fact, the tolerances of the sliding mechanism are so precisely engineered that it is virtually impossible for food debris to enter, leading to less chance of plaque and tartar buildup. This not only promotes good oral hygiene, but also allows the bracket to function as intended over the lifetime of the treatment. In addition, the "confidence" clip spans the entire mesial/distal width of every bracket, without deflection, for superior rotational control. This allows the wire to utilize the full width of the true twin design without the need for auxiliaries.

Agility®

SELF-LIGATING
PASSIVE SYSTEM

by Orthodontic Design and Production, Inc.

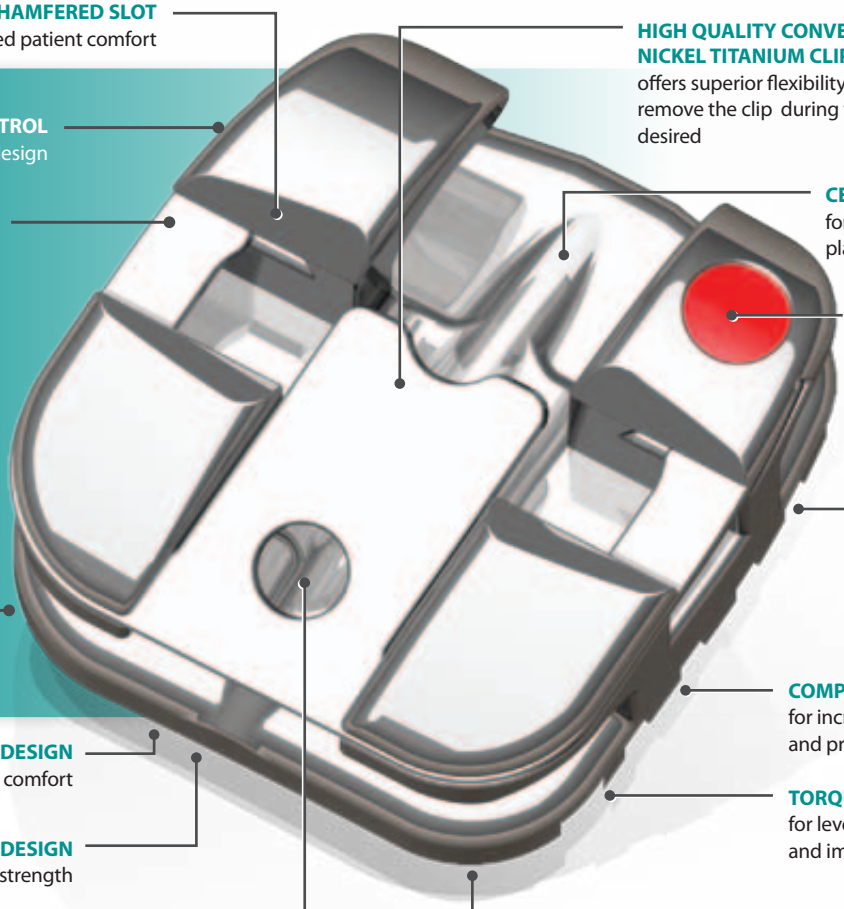
CHAMFERED SLOT
for easy wire insertion and added patient comfort

HIGH QUALITY CONVERTIBLE NICKEL TITANIUM CLIP
offers superior flexibility with the option to remove the clip during the finishing phase if desired

FULL ROTATIONAL CONTROL
due to the true twin design

CENTER SCRIBE LINE
for more accurate bracket placement

FULL SLOT CLIP COVERAGE
for the entire mesial/distal width of every bracket, without deflection, for superior rotational control; allowing the wire to utilize the full width of the true twin design without the need for auxiliaries



PERMANENT COLOR-ENHANCED I.D. MARKS
for easy identification

DUAL LOCKING MECHANISM
ensures the clip remains securely engaged for the lifetime of treatment

EXPANDED TIE WING UNDERCUTS
for easy ligation

COMPOUND CONTOUR
for increased bond strength and precise bracket placement

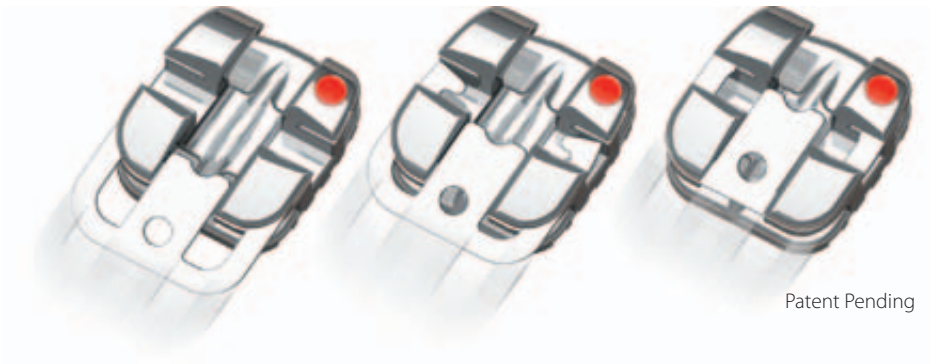
LOW PROFILE DESIGN
for added patient comfort

TORQUE IN BASE
for level slot lineup and improved finishing

STATE-OF-THE-ART BASE DESIGN
for enhanced bond strength

EASY OPENING CLIP
allows for quick, easy, and economical wire changes when compared to conventional brackets - simply open the clip with an explorer, engage the wire, and then slide the clip closed with either an explorer or your fingertip - it's that simple!

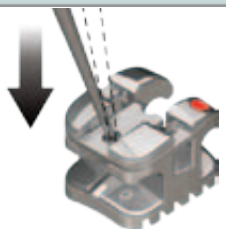
SINGLE PIECE MIM CONSTRUCTION
combines strength and precision into a single piece construction allowing full advantage to be taken of all aspects of the built in prescription, enabling easy achievement of desired torques and angulations



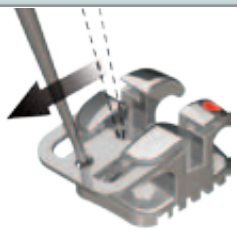
Patent Pending

Opening Technique

Opening the clips of the Agility® bracket is a snap! The first "click" you hear will be the clip disengaging from the top lock, and the second "click" assures you the clip is fully open.

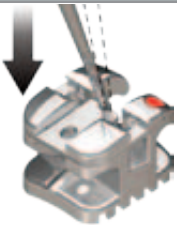


Simply insert the tip of an explorer into the clip's easily accessible circular opening.

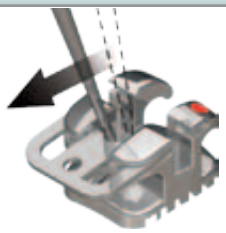


Pull the explorer towards the incisal to open the clip.

- or -



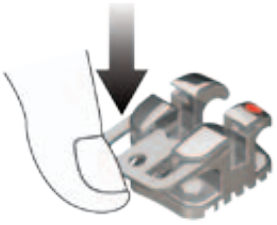
Simply place the tip of an explorer at the end of the alignment guide.



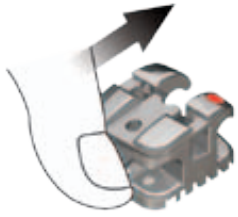
Pull the explorer towards the incisal to open the clip.

Closing Technique

As if opening the Agility® clips isn't easy enough, closing them is even easier.



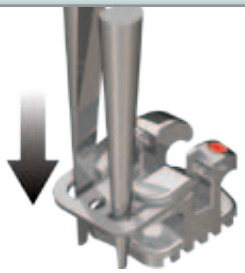
Using a utility plier, a tweezer, or even your own fingertip, gently apply pressure to the occlusal side of the bracket.



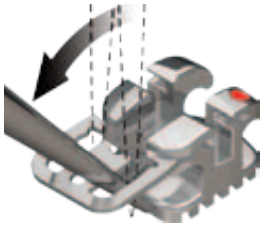
When the clip begins to close, it will "click" once as it disengages from the bottom lock, and will then "click" a second time to indicate it is fully closed.

Optional Convertible Clip

The clips can be easily removed during the finishing phase, allowing the use of ligatures to secure the archwire into the slot.



To convert, simply insert the ends of a tweezer between the mesial/distal grooves.

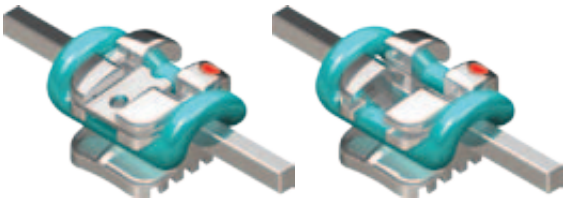


Rotate the tweezer towards the incisal in a 45° motion, gently easing the clip open.

Finish With Ultimate Control

The Agility® self-ligating bracket system gives you the complete control you need to finish each treatment quickly, efficiently, and hassle-free. Agility® brackets deliver powerful functionality during those times in treatment when a tooth or a group of teeth need to be tied or anchored to prevent unwanted movement along the archwire.

Agility® allows for easy ligation of archwires with metal or elastomeric ligatures, during the finishing and detailing phases of treatment. With the power and responsiveness to move teeth quickly and easily, ODP's Agility® bracket system gives you the freedom to finish each case with ultimate control.



With Clip Without Clip

Every bracket was designed to accommodate an elastomeric ring or chain, to work in conjunction with the clip, for ultimate control.

Agility® Redefines Low Profile

In-Ovation® R | Lotus® | Damon® Q | Carriere® | **Agility®**

In-Ovation® is a trademark of Dentsply GAC International.
Lotus® is a trademark of OrthoTechnology, Inc.
Damon® Q is a trademark of Ormco/Sybron Dental Specialties, Inc.
Carriere® LX is a trademark of Ortho Organizers, Inc.
Agility® is a trademark of ODP, Inc.

Recommended Archwire Sequence

ODP offers an extraordinarily broad and diverse range of diameters, material types and archforms to meet every clinical requirement. Our User Guide highlights the most popular wire choices for every phase of orthodontic treatment.

Stage I - Round Wires

Archwire	Duration	Objective
.014″ ProFlex™ Thermal Nickel Titanium Universal Form **Item No: W81U-014**	10-20 Weeks	• Level and align • Initiate arch development • Solve 90% of rotations

Stage II - Rectangular Archwires

Archwire	Duration	Objective
.014″ x .025″ ProFlex™ Thermal Nickel Titanium Universal Form **Item No: W81U-1425**	10-20 Weeks	• Complete leveling and aligning • Resolve remaining rotations • Begin torque control and anterior space consolidation • Continue arch development (without expanders or quad-helix)
.018″ x .025″ ProFlex™ Thermal Nickel Titanium Universal Form **Item No: W81U-1825**	4-6 Weeks	• Express additional torque control as needed • Continue arch development

Stage III - Mechanics at Work

Archwire	Duration	Objective
.019″ x .025″ ProForce™ Stainless Steel Universal Form **Item No: W53U-1925**	20-30 Weeks	• Finish torque control • Consolidate posterior space • Adjust buccal, lingual, anterior, and posterior • Coordinate patient arch form

Stage IV - Finishing

Archwire	Duration	Objective
.019″ x .025″ ProForce™ Stainless Steel Universal Form **Item No: W53U-1925** -or- .019″x .025″ Betalloy™ Titanium Molybdenum Universal Form **Item No: W62U-1925**	10 Weeks	• Final detailing as necessary

The above chart is suggested order, duration, and objective of basic archwire sequence and by no means a replacement for professional expertise.

Roth† Prescription

Maxillary

Tooth	Torque	Angle	Rotation	M/D	R/L	ID	Anchor-Lock Pad .018	Anchor-Lock Pad .022	Accu-Lock Mesh .018	Accu-Lock Mesh .022
Central	+12°	+5°	0°	3.5 mm	R	●	15-U1-8R	15-U1-2R	12-U1-8R	12-U1-2R
					L	●	15-U1-8L	15-U1-2L	12-U1-8L	12-U1-2L
Lateral	+8°	+9°	0°	3.0 mm	R	●	15-U2-8R	15-U2-2R	12-U2-8R	12-U2-2R
					L	●	15-U2-8L	15-U2-2L	12-U2-8L	12-U2-2L
Cuspid	0°	+11°	0°	3.3 mm	R	●	15-U3-8R	15-U3-2R	12-U3-8R	12-U3-2R
					L	●	15-U3-8L	15-U3-2L	12-U3-8L	12-U3-2L
Cuspid Hk					R	●	15-U3-8RK	15-U3-2RK	12-U3-8RK	12-U3-2RK
					L	●	15-U3-8LK	15-U3-2LK	12-U3-8LK	12-U3-2LK
1st & 2nd Bicuspid	-7°	0°	2°	3.0 mm	R	●	15-U4-8R	15-U4-2R	12-U4-8R	12-U4-2R
					L	●	15-U4-8L	15-U4-2L	12-U4-8L	12-U4-2L
1st & 2nd Bicuspid Hk					R	●	15-U4-8RK	15-U4-2RK	12-U4-8RK	12-U4-2RK
					L	●	15-U4-8LK	15-U4-2LK	12-U4-8LK	12-U4-2LK

Mandibular

Tooth	Torque	Angle	Rotation	M/D	R/L	ID	Anchor-Lock Pad .018	Anchor-Lock Pad .022	Accu-Lock Mesh .018	Accu-Lock Mesh .022
Anterior	0°	0°	0°	2.5 mm	U	●●	15-L1-8U	15-L1-2U	12-L1-8U	12-L1-2U
Cuspid	-11°	+5°	0°	3.0 mm	R	●	15-L3-8R	15-L3-2R	12-L3-8R	12-L3-2R
					L	●	15-L3-8L	15-L3-2L	12-L3-8L	12-L3-2L
Cuspid Hk					R	●	15-L3-8RK	15-L3-2RK	12-L3-8RK	12-L3-2RK
					L	●	15-L3-8LK	15-L3-2LK	12-L3-8LK	12-L3-2LK
1st Bicuspid	-17°	0°	4°	3.0 mm	R	●	15-L4-8R	15-L4-2R	12-L4-8R	12-L4-2R
					L	●	15-L4-8L	15-L4-2L	12-L4-8L	12-L4-2L
1st Bicuspid Hk					R	●	15-L4-8RK	15-L4-2RK	12-L4-8RK	12-L4-2RK
					L	●	15-L4-8LK	15-L4-2LK	12-L4-8LK	12-L4-2LK
2nd Bicuspid	-22°	0°	4°	3.0 mm	R	●	15-L5-8R	15-L5-2R	12-L5-8R	12-L5-2R
					L	●	15-L5-8L	15-L5-2L	12-L5-8L	12-L5-2L
2nd Bicuspid Hk					R	●	15-L5-8RK	15-L5-2RK	12-L5-8RK	12-L5-2RK
					L	●	15-L5-8LK	15-L5-2LK	12-L5-8LK	12-L5-2LK

Full Sets	.018	.022	.018	.022
Upper/Lower 5x5 No Hooks	15K-NHK-18	15K-NHK-22	12K-NHK-18	12K-NHK-22
Upper/Lower 5x5 Hook on 3	15K-3-18	15K-3-22	12K-3-18	12K-3-22
Upper/Lower 5x5 Hooks on 4 & 5	15K-45-18	15K-45-22	12K-45-18	12K-45-22
Upper/Lower 5x5 Hooks on 3, 4, & 5	15K-345-18	15K-345-22	12K-345-18	12K-345-22

Also available in pre-packaged single case kits for your convenience.

Please add an -01 to the end of the kit part number (see Full Sets section). Contact us for pricing and quantity requirements.

† ODP prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement by the doctor.

Agility®

10 Pk

Replacement Clips

Prescription	Up Centrals	Up Laterals	Up Cuspids	Lo Anteriors	Lo Cuspids	Bicuspids
Roth	M15U1-01	M15U2-01	M15U3-02	M15L1-01	M15L3-02	M15U4-01
MBT	M15U1-01	M15U2-01	M15U3-01	M15L1-01	M15L3-01	M15U4-01

MBT† Prescription

Maxillary

							Anchor-Lock Pad		Accu-Lock Mesh	
Tooth	Torque	Angle	Rotation	M/D	R/L	ID	.018	.022	.018	.022
Central	+17°	+4°	0°	3.9 mm	R	●	14-U1-8R	14-U1-2R	13-U1-8R	13-U1-2R
					L	●	14-U1-8L	14-U1-2L	13-U1-8L	13-U1-2L
Lateral	+10°	+8°	0°	3.3 mm	R	●	14-U2-8R	14-U2-2R	13-U2-8R	13-U2-2R
					L	●	14-U2-8L	14-U2-2L	13-U2-8L	13-U2-2L
Cuspid	-7°	+8°	0°	3.3 mm	R	●	14-U3-8R	14-U3-2R	13-U3-8R	13-U3-2R
					L	●	14-U3-8L	14-U3-2L	13-U3-8L	13-U3-2L
Cuspid Hk					R	●	14-U3-8RK	14-U3-2RK	13-U3-8RK	13-U3-2RK
					L	●	14-U3-8LK	14-U3-2LK	13-U3-8LK	13-U3-2LK
Cuspid	0°	+8°	0°	3.3 mm	R	●	14-U3-8R0	14-U3-2R0	13-U3-8R0	13-U3-2R0
					L	●	14-U3-8L0	14-U3-2L0	13-U3-8L0	13-U3-2L0
Cuspid Hk					R	●	14-U3-8RK0	14-U3-2RK0	13-U3-8RK0	13-U3-2RK0
					L	●	14-U3-8LK0	14-U3-2LK0	13-U3-8LK0	13-U3-2LK0
1st & 2nd Bicuspid	-7°	0°	0°	3.5 mm	U	●●	14-U4-8U	14-U4-2U	13-U4-8U	13-U4-2U
1st & 2nd Bicuspid Hk					R	●	14-U4-8RK	14-U4-2RK	13-U4-8RK	13-U4-2RK
					L	●	14-U4-8LK	14-U4-2LK	13-U4-8LK	13-U4-2LK

Mandibular

							Anchor-Lock Pad		Accu-Lock Mesh	
Tooth	Torque	Angle	Rotation	M/D	R/L	ID	.018	.022	.018	.022
Anterior	-6°	0°	0°	2.6 mm	U	●●	14-L1-8U	14-L1-2U	13-L1-8U	13-L1-2U
Cuspid	-6°	+3°	0°	3.5 mm	R	●	14-L3-8R	14-L3-2R	13-L3-8R	13-L3-2R
					L	●	14-L3-8L	14-L3-2L	13-L3-8L	13-L3-2L
Cuspid Hk					R	●	14-L3-8RK	14-L3-2RK	13-L3-8RK	13-L3-2RK
					L	●	14-L3-8LK	14-L3-2LK	13-L3-8LK	13-L3-2LK
Cuspid	0°	+3°	0°	3.5 mm	R	●	14-L3-8R0	14-L3-2R0	13-L3-8R0	13-L3-2R0
					L	●	14-L3-8L0	14-L3-2L0	13-L3-8L0	13-L3-2L0
Cuspid Hk					R	●	14-L3-8RK0	14-L3-2RK0	13-L3-8RK0	13-L3-2RK0
					L	●	14-L3-8LK0	14-L3-2LK0	13-L3-8LK0	13-L3-2LK0
1st Bicuspid	-12°	0°	0°	3.5 mm	U	●●	14-L4-8U	14-L4-2U	13-L4-8U	13-L4-2U
1st Bicuspid Hk					R	●	14-L4-8RK	14-L4-2RK	13-L4-8RK	13-L4-2RK
					L	●	14-L4-8LK	14-L4-2LK	13-L4-8LK	13-L4-2LK
2nd Bicuspid	-17°	0°	0°	3.5 mm	U	●●	14-L5-8U	14-L5-2U	13-L5-8U	13-L5-2U
2nd Bicuspid Hk					R	●	14-L5-8RK	14-L5-2RK	13-L5-8RK	13-L5-2RK
					L	●	14-L5-8LK	14-L5-2LK	13-L5-8LK	13-L5-2LK

Full Sets	.018	.022	.018	.022
Upper/Lower 5x5 No Hooks	14K-NHK-18	14K-NHK-22	13K-NHK-18	13K-NHK-22
Upper/Lower 5x5 Hook on 3	14K-3-18	14K-3-22	13K-3-18	13K-3-22
Upper/Lower 5x5 Hooks on 4 & 5	14K-45-18	14K-45-22	13K-45-18	13K-45-22
Upper/Lower 5x5 Hooks on 3, 4, & 5	14K-345-18	14K-345-22	13K-345-18	13K-345-22

Also available in pre-packaged single case kits for your convenience.

Please add an -01 to the end of the kit part number (see Full Sets section). Contact us for pricing and quantity requirements.

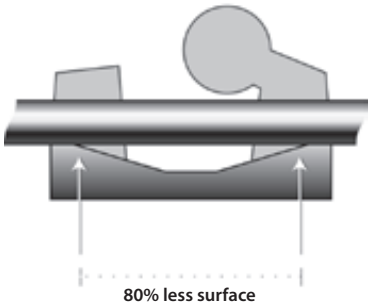
† ODP prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement by the doctor. Cuspids with 0° torque come standard in kits. Please specify when ordering if you require alternate torque.

How it works: Simple Ingenuity

THE PRINCIPLE OF LEAST EFFORT

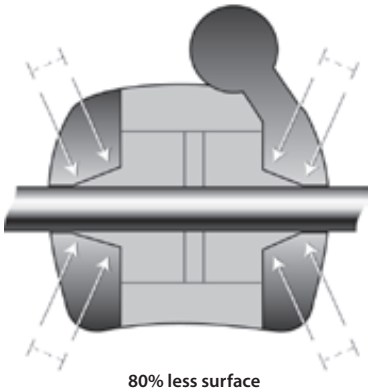
In 1906, Italian sociologist, economist, and philosopher Vilfredo Pareto introduced the Principle of Least Effort, which is also known as the "80/20 Rule". In simplified terms, the principle states that 80% of the results in a situation are determined by 20% of the causes.

ANGULATED SLOT BOTTOM



80% less surface
in contact with wire

ANGULATED SLOT SIDES



80% less surface
in contact with wire

The Challenge: Do more, with less

The Comfort Zone™ Low Friction bracket system is deliberately and specifically engineered to take maximum advantage of Pareto's principle. By eliminating unnecessary contact surfaces, a full 80% reduction of contact between the wire and the slot has been achieved. The 20% that remains in contact is allowed to work at maximum efficiency while reducing friction and providing opportunities for early torquing.

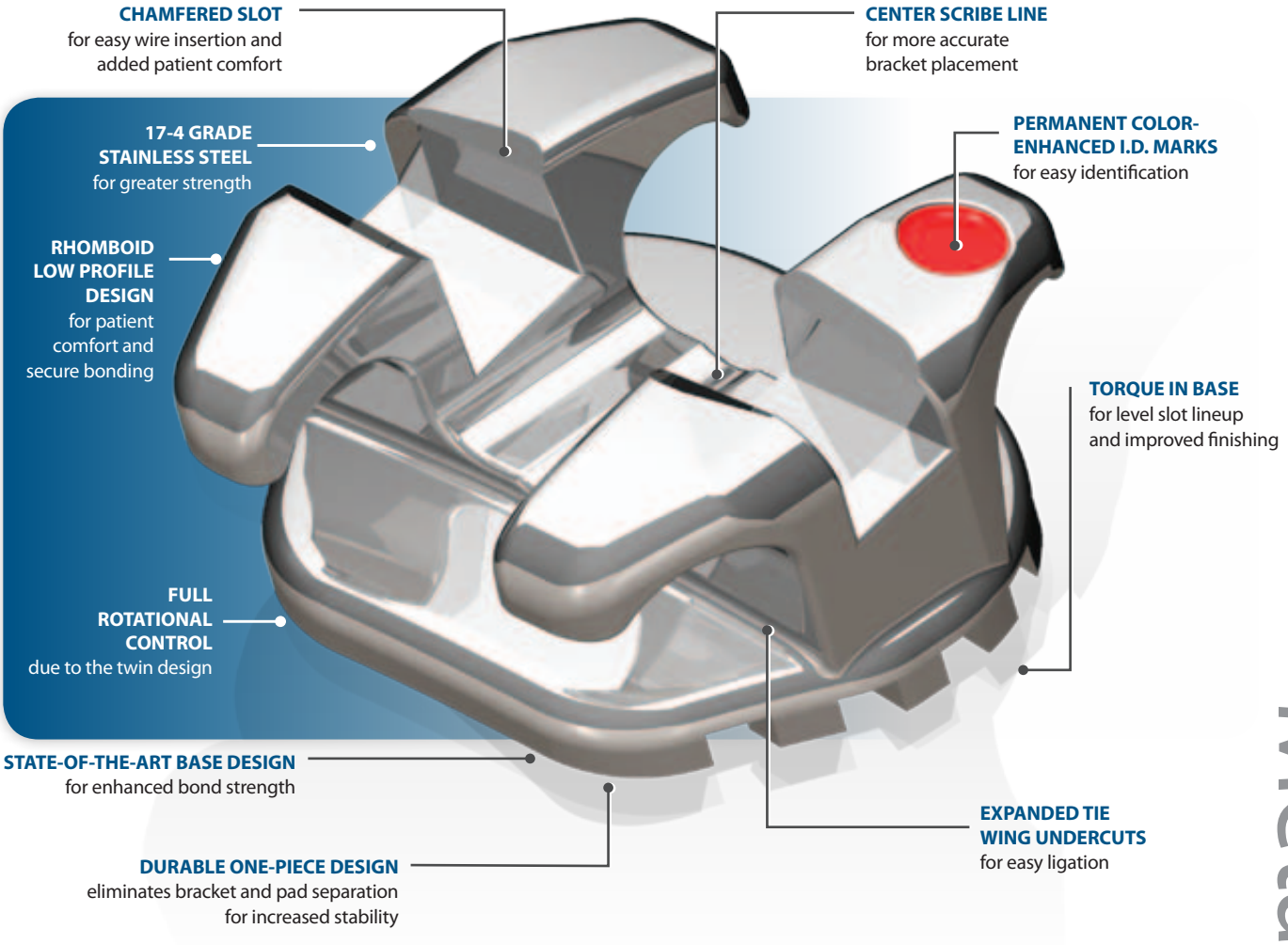
Low Friction and Gentle Forces

Friction, the nemesis of tooth movement, can substantially minimize the efficiency of bracket systems. The angled walls and floor of Comfort Zone's slot significantly reduces the binding and friction associated with typical brackets and wires. Due to the gentle forces inherently generated, all treatment phases are accelerated.

Comfort Zone's inter-wing distance has been maximized by 80%, allowing for early torque capabilities utilizing thermal activated nickel titanium wires.

ComfortZone™ LOW FRICTION

by Orthodontic Design and Production, Inc.



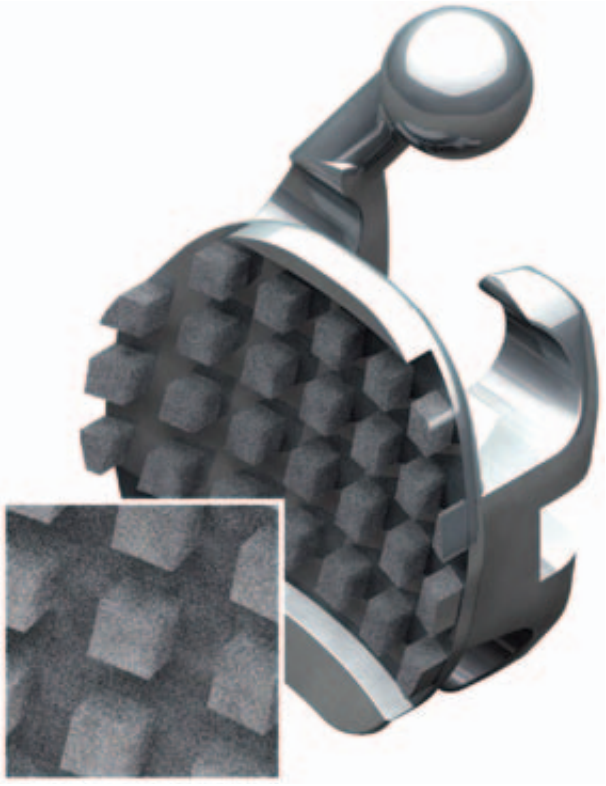
Results-Driven Success

Experience uncompromising results while your patients enjoy the comfort of the most technologically advanced and aesthetically savvy system in orthodontics! The Comfort Zone's design features a "Low Friction slot" for superior sliding mechanics, and hooks that are inclined towards the tooth axis to improve elastic engagement and periodontal health. The dual tangency of the ball hook and contoured labial surfaces provide enhanced patient comfort. Comfort Zone's low friction design is available in Roth, MBT, and Standard Edgewise prescriptions to meet your treatment needs.

Designing a better foundation. Two great options.

ComfortZone™ LOW FRICTION ANCHOR-LOCK PAD

by Orthodontic Design and Production, Inc.



ANCHOR-LOCK PYLONS ADVANCING WITH TECHNOLOGY

New technologies work in harmony when the advanced Low Friction design is combined with the state-of-the-art pylon base, providing enhanced bond strength.

- *Technologically advanced design*
- *Retention equal to or greater than mesh bonding pads*
- *Pylons function like miniature anchors embedded firmly into the adhesive*
- *EDM finish on all 5 pylon surfaces to maximize bracket retention*
- *Pylons are designed at an acute angle relative to the torque, generating geometric undercuts when bonded*

HYBRID ComfortZone™ LOW FRICTION ACCU-LOCK MESH

by Orthodontic Design and Production, Inc.

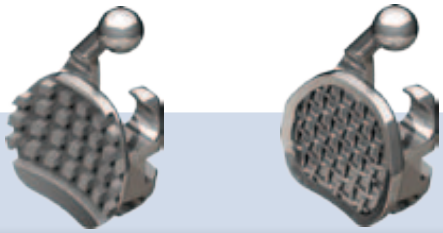
* Patent Pending

ACCU-LOCK MESH A TRADITION OF PERFORMANCE

The superior Low Friction design, fused with a proven 80 gauge woven mesh, gives the clinician the confidence and quality demanded of today's appliances.

Because the mesh is precisely inserted into the base, the clinician is able to take full advantage of the prescription engineered into the bracket. In conventional bracket systems, the pad and bracket are tack welded together. This method allows for placement inconsistencies that neutralize the values designed into the bracket, requiring more adjustments to achieve desired results.

Comfort Zone™ Hybrid Low Friction and traditional mesh assures confidence and reliability. The low profile design gives unparalleled patient comfort and acceptance.



Roth† Prescription

Maxillary

							Anchor-Lock Pad		Accu-Lock Mesh	
Tooth	Torque	Angle	Rotation	M/D	R/L	ID	.018	.022	.018	.022
Central	+12°	+5°	0°	3.5 mm	R	●	16-U1-8R	16-U1-2R	26-U1-8R	26-U1-2R
					L	●	16-U1-8L	16-U1-2L	26-U1-8L	26-U1-2L
Central Hi-Torque	+22°	+5°	0°	3.5 mm	R	●	17-U1-8R	17-U1-2R	---	---
					L	●	17-U1-8L	17-U1-2L	---	---
Lateral	+8°	+9°	0°	3.0 mm	R	●	16-U2-8R	16-U2-2R	26-U2-8R	26-U2-2R
					L	●	16-U2-8L	16-U2-2L	26-U2-8L	26-U2-2L
Lateral Hi-Torque	+14°	+9°	0°	3.0 mm	R	●	17-U2-8R	17-U2-2R	---	---
					L	●	17-U2-8L	17-U2-2L	---	---
Cuspid	0°	+11°	0°	3.3 mm	R	●	16-U3-8R	16-U3-2R	26-U3-8R	26-U3-2R
					L	●	16-U3-8L	16-U3-2L	26-U3-8L	26-U3-2L
Cuspid Hk					R	●	16-U3-8RK	16-U3-2RK	26-U3-8RK	26-U3-2RK
					L	●	16-U3-8LK	16-U3-2LK	26-U3-8LK	26-U3-2LK
1st & 2nd Bicuspid	-7°	0°	0°	3.0 mm	U	●●	16-U4-8U	16-U4-2U	26-U4-8U	26-U4-2U
1st & 2nd Bicuspid Hk					R	●	16-U4-8RK	16-U4-2RK	26-U4-8RK	26-U4-2RK
					L	●	16-U4-8LK	16-U4-2LK	26-U4-8LK	26-U4-2LK

Mandibular

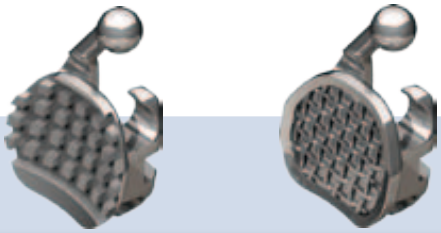
							Anchor-Lock Pad		Accu-Lock Mesh	
Tooth	Torque	Angle	Rotation	M/D	R/L	ID	.018	.022	.018	.022
Anterior	0°	0°	0°	2.5 mm	U	●●	16-L1-8U	16-L1-2U	26-L1-8U	26-L1-2U
Cuspid	-11°	+5°	0°	3.0 mm	R	●	16-L3-8R	16-L3-2R	26-L3-8R	26-L3-2R
					L	●	16-L3-8L	16-L3-2L	26-L3-8L	26-L3-2L
Cuspid Hk					R	●	16-L3-8RK	16-L3-2RK	26-L3-8RK	26-L3-2RK
					L	●	16-L3-8LK	16-L3-2LK	26-L3-8LK	26-L3-2LK
1st Bicuspid	-17°	0°	0°	3.0 mm	U	●●	16-L4-8U	16-L4-2U	26-L4-8U	26-L4-2U
1st Bicuspid Hk					R	●	16-L4-8RK	16-L4-2RK	26-L4-8RK	26-L4-2RK
					L	●	16-L4-8LK	16-L4-2LK	26-L4-8LK	26-L4-2LK
2nd Bicuspid	-22°	0°	0°	3.0 mm	U	●●	16-L5-8U	16-L5-2U	26-L5-8U	26-L5-2U
2nd Bicuspid Hk					R	●	16-L5-8RK	16-L5-2RK	26-L5-8RK	26-L5-2RK
					L	●	16-L5-8LK	16-L5-2LK	26-L5-8LK	26-L5-2LK

Full Sets	.018	.022	.018	.022
Upper/Lower 5x5 No Hooks	16K-NHK-18	16K-NHK-22	26K-NHK-18	26K-NHK-22
Upper/Lower 5x5 Hook on 3	16K-3-18	16K-3-22	26K-3-18	26K-3-22
Upper/Lower 5x5 Hooks on 4 & 5	16K-45-18	16K-45-22	26K-45-18	26K-45-22
Upper/Lower 5x5 Hooks on 3, 4, & 5	16K-345-18	16K-345-22	26K-345-18	26K-345-22

Also available in pre-packaged single case kits for your convenience.

Please add an -01 to the end of the kit part number (see Full Sets section). Contact us for pricing and quantity requirements.

† ODP prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement by the doctor.



MBT† Prescription

Maxillary

Tooth	Torque	Angle	Rotation	M/D	R/L	ID	Anchor-Lock Pad .018	Anchor-Lock Pad .022	Accu-Lock Mesh .018	Accu-Lock Mesh .022
Central	+17°	+4°	0°	3.9 mm	R	●	18-U1-8R	18-U1-2R	28-U1-8R	28-U1-2R
					L	●	18-U1-8L	18-U1-2L	28-U1-8L	28-U1-2L
Lateral	+10°	+8°	0°	3.3 mm	R	●	18-U2-8R	18-U2-2R	28-U2-8R	28-U2-2R
					L	●	18-U2-8L	18-U2-2L	28-U2-8L	28-U2-2L
Cuspid	-7°	+8°	0°	3.3 mm	R	●	18-U3-8R	18-U3-2R	28-U3-8R	28-U3-2R
					L	●	18-U3-8L	18-U3-2L	28-U3-8L	28-U3-2L
Cuspid Hk					R	●	18-U3-8RK	18-U3-2RK	28-U3-8RK	28-U3-2RK
					L	●	18-U3-8LK	18-U3-2LK	28-U3-8LK	28-U3-2LK
Cuspid	0°	+8°	0°	3.3 mm	R	●	18-U3-8R0	18-U3-2R0	28-U3-8R0	28-U3-2R0
					L	●	18-U3-8L0	18-U3-2L0	28-U3-8L0	28-U3-2L0
Cuspid Hk					R	●	18-U3-8RK0	18-U3-2RK0	28-U3-8RK0	28-U3-2RK0
					L	●	18-U3-8LK0	18-U3-2LK0	28-U3-8LK0	28-U3-2LK0
1st & 2nd Bicuspid	-7°	0°	0°	3.5 mm	U	●●	18-U4-8U	18-U4-2U	28-U4-8U	28-U4-2U
1st & 2nd Bicuspid Hk					R	●	18-U4-8RK	18-U4-2RK	28-U4-8RK	28-U4-2RK
					L	●	18-U4-8LK	18-U4-2LK	28-U4-8LK	28-U4-2LK

Mandibular

Tooth	Torque	Angle	Rotation	M/D	R/L	ID	Anchor-Lock Pad .018	Anchor-Lock Pad .022	Accu-Lock Mesh .018	Accu-Lock Mesh .022
Anterior	-6°	0°	0°	2.6 mm	U	●●	18-L1-8U	18-L1-2U	28-L1-8U	28-L1-2U
Cuspid	-6°	+3°	0°	3.5 mm	R	●	18-L3-8R	18-L3-2R	28-L3-8R	28-L3-2R
					L	●	18-L3-8L	18-L3-2L	28-L3-8L	28-L3-2L
Cuspid Hk					R	●	18-L3-8RK	18-L3-2RK	28-L3-8RK	28-L3-2RK
					L	●	18-L3-8LK	18-L3-2LK	28-L3-8LK	28-L3-2LK
Cuspid	0°	+3°	0°	3.5 mm	R	●	18-L3-8R0	18-L3-2R0	28-L3-8R0	28-L3-2R0
					L	●	18-L3-8L0	18-L3-2L0	28-L3-8L0	28-L3-2L0
Cuspid Hk					R	●	18-L3-8RK0	18-L3-2RK0	28-L3-8RK0	28-L3-2RK0
					L	●	18-L3-8LK0	18-L3-2LK0	28-L3-8LK0	28-L3-2LK0
1st Bicuspid	-12°	0°	0°	3.5 mm	U	●●	18-L4-8U	18-L4-2U	28-L4-8U	28-L4-2U
1st Bicuspid Hk					R	●	18-L4-8RK	18-L4-2RK	28-L4-8RK	28-L4-2RK
					L	●	18-L4-8LK	18-L4-2LK	28-L4-8LK	28-L4-2LK
2nd Bicuspid	-17°	0°	0°	3.5 mm	U	●●	18-L5-8U	18-L5-2U	28-L5-8U	28-L5-2U
2nd Bicuspid Hk					R	●	18-L5-8RK	18-L5-2RK	28-L5-8RK	28-L5-2RK
					L	●	18-L5-8LK	18-L5-2LK	28-L5-8LK	28-L5-2LK

Full Sets	.018	.022	.018	.022
Upper/Lower 5x5 No Hooks	18K-NHK-18	18K-NHK-22	28K-NHK-18	28K-NHK-22
Upper/Lower 5x5 Hook on 3	18K-3-18	18K-3-22	28K-3-18	28K-3-22
Upper/Lower 5x5 Hooks on 4 & 5	18K-45-18	18K-45-22	28K-45-18	28K-45-22
Upper/Lower 5x5 Hooks on 3, 4, & 5	18K-345-18	18K-345-22	28K-345-18	28K-345-22

Also available in pre-packaged single case kits for your convenience.

Please add an -01 to the end of the kit part number (see Full Sets section). Contact us for pricing and quantity requirements.

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COMFORT ZONE™ BRACKET SYSTEM

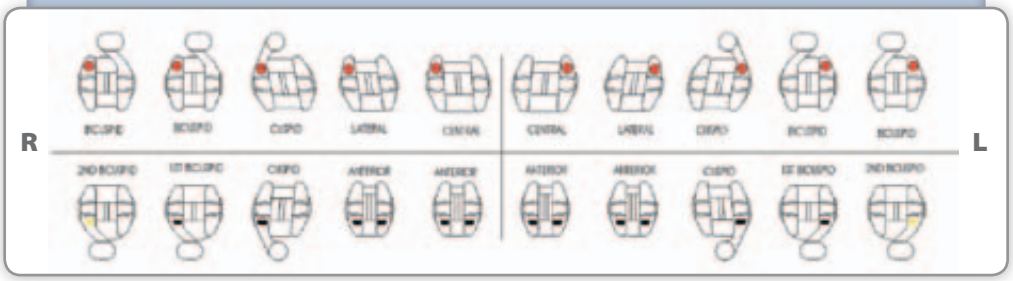
Edgewise Prescription†

Maxillary & Mandibular

Tooth	Torque	Angle	Rotation	M/D	R/L	ID	Anchor-Lock Pad .018	Anchor-Lock Pad .022
Central	0°	0°	0°	3.5	U	---	16-CENT-18	16-CENT-22
Lateral	0°	0°	0°	3.0	U	---	16-LAT-18	16-LAT-22
Cuspid	0°	0°	0°	3.3	U	---	16-CUSP-18	16-CUSP-22
Bicuspid	0°	0°	0°	3.0	U	---	16-BIC-18	16-BIC-22
Lower Anterior	0°	0°	0°	2.5	U	---	16-ANT-18	16-ANT-22

Full Sets	.018	.022
Upper/Lower 5X5 No Hooks	16K-EDGE-18	16K-EDGE-22

IDENTIFICATION SYSTEM



Also available in pre-packaged single case kits for your convenience.

Please add an -01 to the end of the kit part number (see Full Sets section). Contact us for pricing and quantity requirements.

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Focus on Innovation

ODP's innovative new Focus™ bracket system establishes a new standard for quality and reliability, offering all the advantages of a mini bracket with the control of a full size bracket.

The innovative design of the Focus™ bracket system starts from the bottom up, with an integral pylon base that provides enhanced bond strength. The Focus™ bracket is also designed with torque-in-base to provide level slot lineup and improved finishing.

Focus on Results. Focus on Innovation. Focus on ODP.

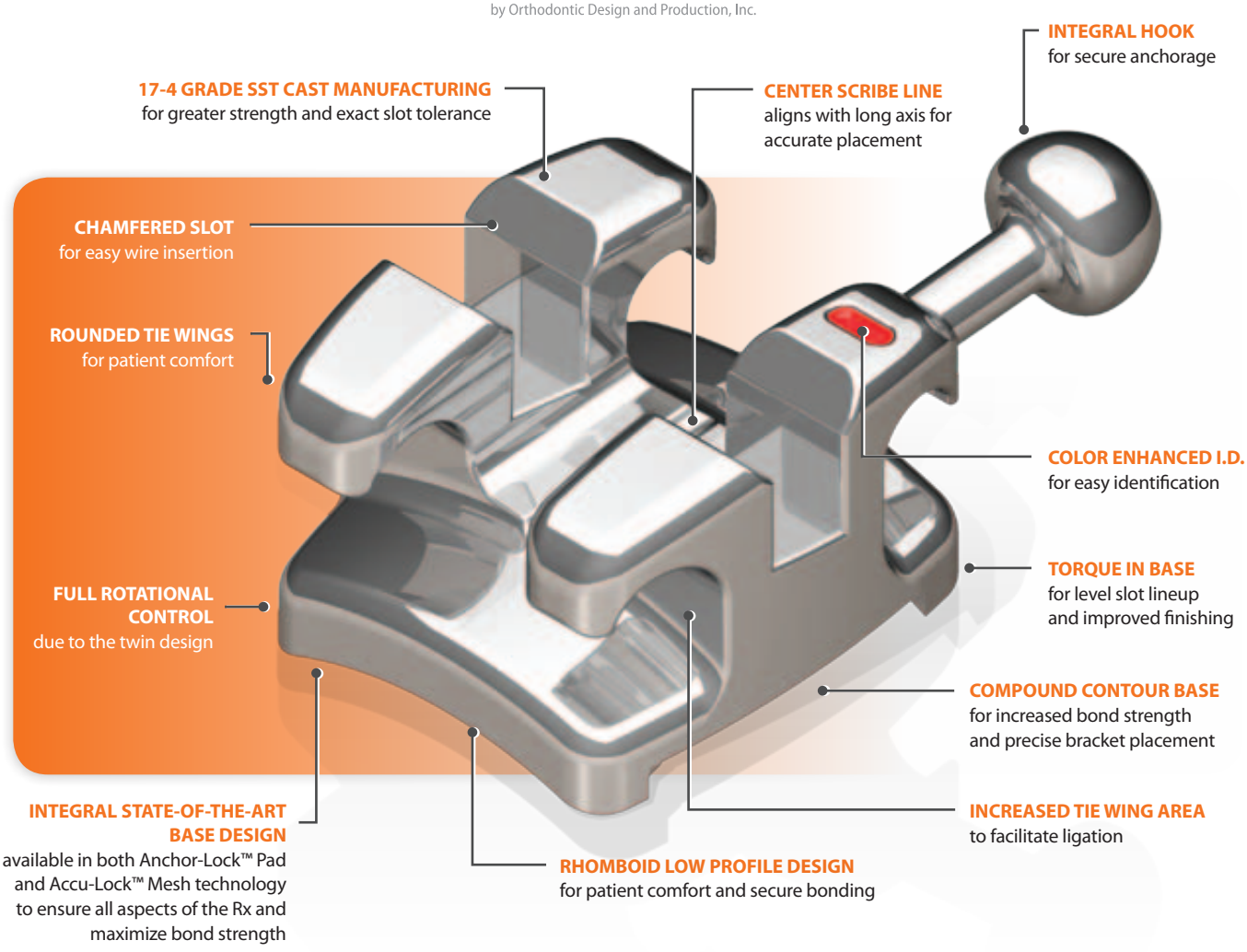
Focus on Results

Experience uncompromising results while your patients appreciate the comfort of ODP's Focus™ bracket system.

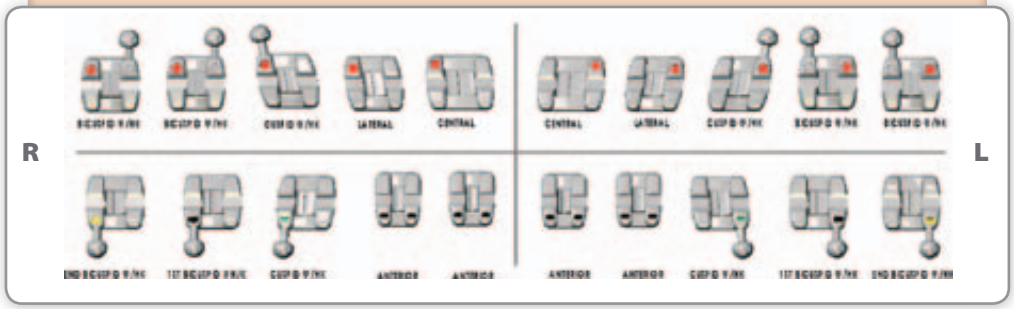
The Focus™ bracket has an integral base design which allows you to take full advantage of all aspects of the prescription. This enables you to easily achieve all of your desired prescription torques and angulations. Choosing the right bracket is key to every successful orthodontic practice. ODP's Focus™ bracket is precisely engineered and manufactured with an emphasis on performance and accuracy.

Focus™
BRACKET SYSTEM

by Orthodontic Design and Production, Inc.



IDENTIFICATION SYSTEM



Metal Brackets

Roth† Prescription

Maxillary

Tooth	Torque	Angle	Rotation	M/D	R/L	ID	Anchor-Lock Pad .018	Anchor-Lock Pad .022	Accu-Lock Mesh .018	Accu-Lock Mesh .022
Central	+12°	+5°	0°	3.9 mm	R	●	19-U1-8R	19-U1-2R	23-U1-8R	23-U1-2R
					L	●	19-U1-8L	19-U1-2L	23-U1-8L	23-U1-2L
Lateral	+8°	+9°	0°	3.3 mm	R	●	19-U2-8R	19-U2-2R	23-U2-8R	23-U2-2R
					L	●	19-U2-8L	19-U2-2L	23-U2-8L	23-U2-2L
Cuspid	0°	+11°	0°	3.4 mm	R	●	19-U3-8R	19-U3-2R	23-U3-8R	23-U3-2R
					L	●	19-U3-8L	19-U3-2L	23-U3-8L	23-U3-2L
Cuspid Hk					R	●	19-U3-8RK	19-U3-2RK	23-U3-8RK	23-U3-2RK
					L	●	19-U3-8LK	19-U3-2LK	23-U3-8LK	23-U3-2LK
1st & 2nd Bicuspid	-7°	0°	0°	3.4 mm	U	●●	19-U4-8U	19-U4-2U	23-U4-8U	23-U4-2U
1st & 2nd Bicuspid Hk					R	●	19-U4-8RK	19-U4-2RK	23-U4-8RK	23-U4-2RK
					L	●	19-U4-8LK	19-U4-2LK	23-U4-8LK	23-U4-2LK

Mandibular

Tooth	Torque	Angle	Rotation	M/D	R/L	ID	Anchor-Lock Pad .018	Anchor-Lock Pad .022	Accu-Lock Mesh .018	Accu-Lock Mesh .022
Anterior	0°	0°	0°	2.6 mm	U	●●	19-L1-8U	19-L1-2U	23-L1-8U	23-L1-2U
Cuspid	-11°	+5°	0°	3.4 mm	R	●	19-L3-8R	19-L3-2R	23-L3-8R	23-L3-2R
					L	●	19-L3-8L	19-L3-2L	23-L3-8L	23-L3-2L
Cuspid Hk					R	●	19-L3-8RK	19-L3-2RK	23-L3-8RK	23-L3-2RK
					L	●	19-L3-8LK	19-L3-2LK	23-L3-8LK	23-L3-2LK
1st Bicuspid	-17°	0°	0°	3.4 mm	U	●●	19-L4-8U	19-L4-2U	23-L4-8U	23-L4-2U
1st Bicuspid Hk					R	●	19-L4-8RK	19-L4-2RK	23-L4-8RK	23-L4-2RK
					L	●	19-L4-8LK	19-L4-2LK	23-L4-8LK	23-L4-2LK
2nd Bicuspid	-22°	0°	0°	3.4 mm	U	●●	19-L5-8U	19-L5-2U	23-L5-8U	23-L5-2U
2nd Bicuspid Hk					R	●	19-L5-8RK	19-L5-2RK	23-L5-8RK	23-L5-2RK
					L	●	19-L5-8LK	19-L5-2LK	23-L5-8LK	23-L5-2LK

Full Sets	.018	.022	.018	.022
Upper/Lower 5x5 No Hooks	19K-NHK-18	19K-NHK-22	23K-NHK-18	23K-NHK-22
Upper/Lower 5x5 Hook on 3	19K-3-18	19K-3-22	23K-3-18	23K-3-22
Upper/Lower 5x5 Hooks on 4 & 5	19K-45-18	19K-45-22	23K-45-18	23K-45-22
Upper/Lower 5x5 Hooks on 3, 4, & 5	19K-345-18	19K-345-22	23K-345-22	23K-345-22

Also available in pre-packaged single case kits for your convenience.

Please add an -01 to the end of the kit part number (see Full Sets section). Contact us for pricing and quantity requirements.

† ODP prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement by the doctor.

MBT† Prescription

Maxillary

							Anchor-Lock Pad		Accu-Lock Mesh	
Tooth	Torque	Angle	Rotation	M/D	R/L	ID	.018	.022	.018	.022
Central	+17°	+4°	0°	3.9 mm	R	●	21-U1-8R	21-U1-2R	22-U1-8R	22-U1-2R
					L	●	21-U1-8L	21-U1-2L	22-U1-8L	22-U1-2L
Lateral	+10°	+8°	0°	3.3 mm	R	●	21-U2-8R	21-U2-2R	22-U2-8R	22-U2-2R
					L	●	21-U2-8L	21-U2-2L	22-U2-8L	22-U2-2L
Cuspid	-7°	+8°	0°	3.4 mm	R	●	21-U3-8R	21-U3-2R	22-U3-8R	22-U3-2R
					L	●	21-U3-8L	21-U3-2L	22-U3-8L	22-U3-2L
Cuspid Hk					R	●	21-U3-8RK	21-U3-2RK	22-U3-8RK	22-U3-2RK
					L	●	21-U3-8LK	21-U3-2LK	22-U3-8LK	22-U3-2LK
Cuspid	-0°	+8°	0°	3.4 mm	R	●	21-U3-8R0	21-U3-2R0	22-U3-8R0	22-U3-2R0
					L	●	21-U3-8L0	21-U3-2L0	22-U3-8L0	22-U3-2L0
Cuspid Hk					R	●	21-U3-8RK0	21-U3-2RK0	22-U3-8RK0	22-U3-2RK0
					L	●	21-U3-8LK0	21-U3-2LK0	22-U3-8LK0	22-U3-2LK0
1st & 2nd Bicuspid	-7°	0°	0°	3.4 mm	U	●●	21-U4-8U	21-U4-2U	22-U4-8U	22-U4-2U
1st & 2nd Bicuspid Hk					R	●	21-U4-8RK	21-U4-2RK	22-U4-8RK	22-U4-2RK
					L	●	21-U4-8LK	21-U4-2LK	22-U4-8LK	22-U4-2LK

Mandibular

							Anchor-Lock Pad		Accu-Lock Mesh	
Tooth	Torque	Angle	Rotation	M/D	R/L	ID	.018	.022	.018	.022
Anterior	-6°	0°	0°	2.6 mm	U	●●	21-L1-8U	21-L1-2U	22-L1-8U	22-L1-2U
Cuspid	-6°	+3°	0°	3.4 mm	R	●	21-L3-8R	21-L3-2R	22-L3-8R	22-L3-2R
					L	●	21-L3-8L	21-L3-2L	22-L3-8L	22-L3-2L
Cuspid Hk					R	●	21-L3-8RK	21-L3-2RK	22-L3-8RK	22-L3-2RK
					L	●	21-L3-8LK	21-L3-2LK	22-L3-8LK	22-L3-2LK
Cuspid	0°	+3°	0°	3.4 mm	R	●	21-L3-8R0	21-L3-2R0	22-L3-8R0	22-L3-2R0
					L	●	21-L3-8L0	21-L3-2L0	22-L3-8L0	22-L3-2L0
Cuspid Hk					R	●	21-L3-8RK0	21-L3-2RK0	22-L3-8RK0	22-L3-2RK0
					L	●	21-L3-8LK0	21-L3-2LK0	22-L3-8LK0	22-L3-2LK0
1st Bicuspid	-12°	0°	0°	3.4 mm	U	●●	21-L4-8U	21-L4-2U	22-L4-8U	22-L4-2U
1st Bicuspid Hk					R	●	21-L4-8RK	21-L4-2RK	22-L4-8RK	22-L4-2RK
					L	●	21-L4-8LK	21-L4-2LK	22-L4-8LK	22-L4-2LK
2nd Bicuspid	-17°	0°	0°	3.4 mm	U	●●	21-L5-8U	21-L5-2U	22-L5-8U	22-L5-2U
2nd Bicuspid Hk					R	●	21-L5-8RK	21-L5-2RK	22-L5-8RK	22-L5-2RK
					L	●	21-L5-8LK	21-L5-2LK	22-L5-8LK	22-L5-2LK

Full Sets	.018	.022	.018	.022
Upper/Lower 5x5 No Hooks	21K-NHK-18	21K-NHK-22	22K-NHK-18	22K-NHK-22
Upper/Lower 5x5 Hook on 3	21K-3-18	21K-3-22	22K-3-18	22K-3-22
Upper/Lower 5x5 Hooks on 4 & 5	21K-45-18	21K-45-22	22K-45-18	22K-45-22
Upper/Lower 5x5 Hooks on 3, 4, & 5	21K-345-18	21K-345-22	22K-345-18	22K-345-22

Also available in pre-packaged single case kits for your convenience.

Please add an -01 to the end of the kit part number (see Full Sets section). Contact us for pricing and quantity requirements.

† ODP prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement by the doctor. Cuspids with 0° torque come standard in kits. Please specify when ordering if you require alternate torque.

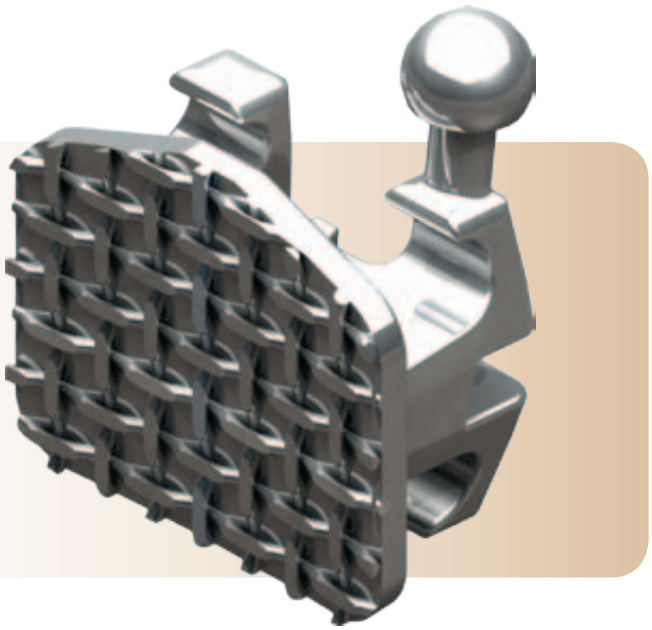
The Classic Alternative that doesn't just meet the standards...

It sets new ones.

The Magnum™ bracket system establishes a new standard for quality and reliability, offering all the advantages of a mini bracket with the control of a full size bracket. It combines the clinical features you'd expect from an industry-leading bracket system, coupled with an innovative pad design which maximizes tooth contact to provide consistent bond strength.

Innovation, from the bottom up.

The innovative design of the Magnum™ bracket system starts from the bottom up, with an 80 gauge foil mesh bonding pad that matches the curvature of the tooth for maximum contact and a strong, consistent bond. The Magnum™ bracket is also designed with torque-in-base to provide level slot lineup and help avoid occlusal interference.



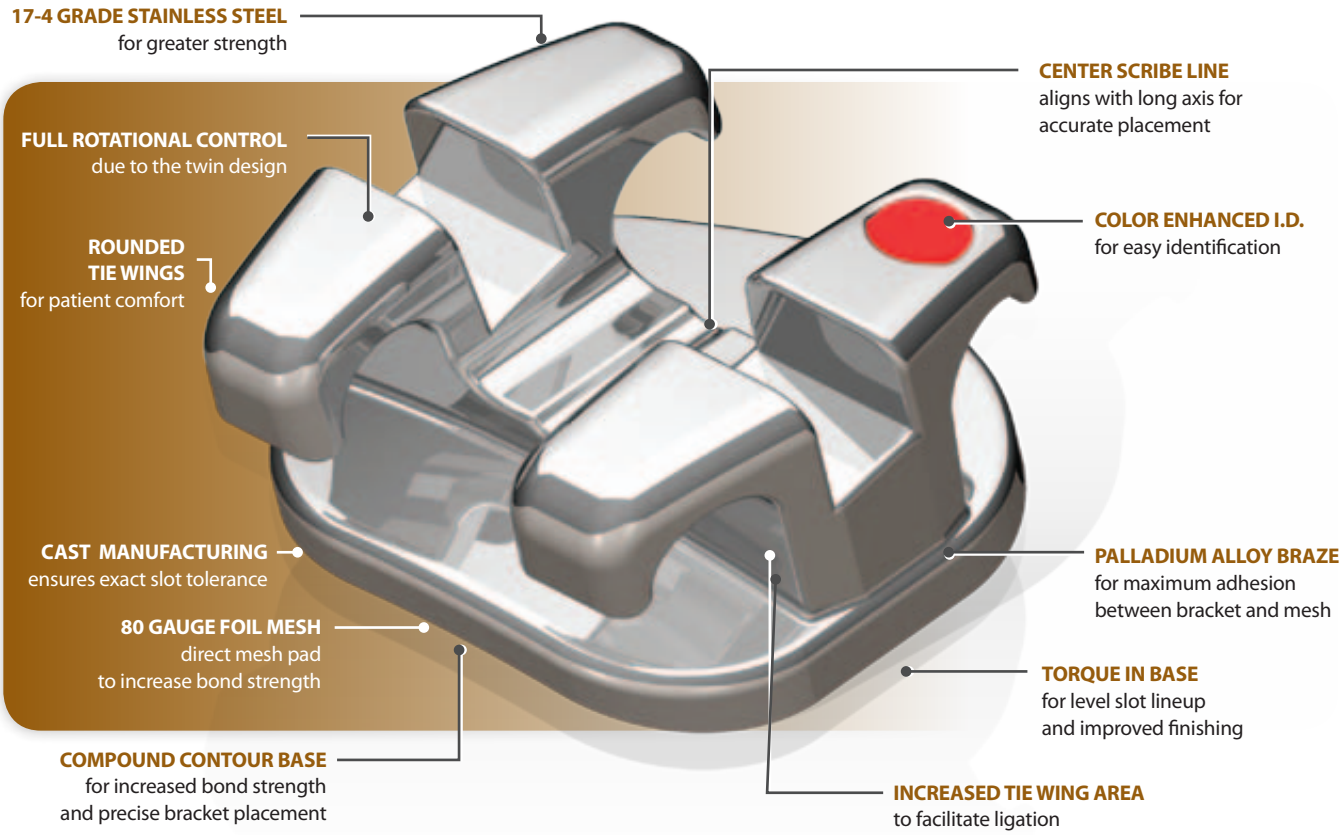
The Difference is in the Details.

Using high quality 17-4 stainless steel, ODP has been able to reduce the size of the Magnum™ series by 30% while producing a stronger, more durable bracket. The end result is a superior product with enhanced comfort and flexibility.

ODP has refined the brazing process, utilizing a palladium alloy that provides superior bracket-to-pad bond strength. With a high natural resistance to discoloration, it provides a superior alternative to silver base brazes.

MAGNUM™
BRACKET SYSTEM

by Orthodontic Design and Production, Inc.



Gingivally Offset Bicuspid Brackets

Designed for partially erupted bicuspids to help avoid soft tissue impingement and expedite full eruption.

Extended Bonding Pad

Available with an extended base to dramatically increase bond strength.

SPECIAL OPTIONS FOR BICUSPID BRACKETS

In addition to our standard configuration, all of the Magnum™ bicuspid brackets are available in the following configurations designed to meet your clinical needs.

Roth† Prescription

Maxillary

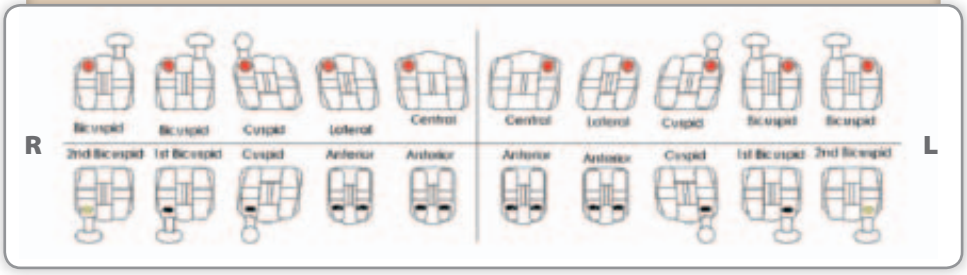
Tooth	Torque	Angle	M/D	R/L	ID	Standard Pad .018	Standard Pad .022	Offset Bicuspid Pad .018	Offset Bicuspid Pad .022	Extended Bicuspid Pad .018	Extended Bicuspid Pad .022
Central	+12°	+5°	3.9 mm	R	●	30-U1-8R	30-U1-2R	---	---	---	---
				L	●	30-U1-8L	30-U1-2L	---	---	---	---
Lateral	+8°	+9°	3.0 mm	R	●	30-U2-8R	30-U2-2R	---	---	---	---
				L	●	30-U2-8L	30-U2-2L	---	---	---	---
Lateral Hk				R	●	30-U2-8RK	30-U2-2RK	---	---	---	---
				L	●	30-U2-8LK	30-U2-2LK	---	---	---	---
Cuspid	0°	+11°	3.5 mm	R	●	30-U3-8R	30-U3-2R	---	---	---	---
				L	●	30-U3-8L	30-U3-2L	---	---	---	---
Cuspid Hk				R	●	30-U3-8RK	30-U3-2RK	---	---	---	---
				L	●	30-U3-8LK	30-U3-2LK	---	---	---	---
1st & 2nd Bicuspid	-7°	0°	3.3 mm	U	●●	30-U4-8U	30-U4-2U	30-U4-8UO	30-U4-2UO	30-U4-8UE	30-U4-2UE
1st & 2nd Bicuspid Hk				R	●	30-U4-8RK	30-U4-2RK	30-U4-8RKO	30-U4-2RKO	30-U4-8RKE	30-U4-2RKE
				L	●	30-U4-8LK	30-U4-2LK	30-U4-8LKO	30-U4-2LKO	30-U4-8LKE	30-U4-2LKE

Mandibular

Tooth	Torque	Angle	M/D	R/L	ID	Standard Pad .018	Standard Pad .022	Offset Bicuspid Pad .018	Offset Bicuspid Pad .022	Extended Bicuspid Pad .018	Extended Bicuspid Pad .022
Anterior	0°	0°	2.5 mm	U	●●	30-L1-8U	30-L1-2U	---	---	---	---
Cuspid	-11°	+5°	3.5 mm	R	●	30-L3-8R	30-L3-2R	---	---	---	---
				L	●	30-L3-8L	30-L3-2L	---	---	---	---
Cuspid Hk				R	●	30-L3-8RK	30-L3-2RK	---	---	---	---
				L	●	30-L3-8LK	30-L3-2LK	---	---	---	---
1st Bicuspid	-17°	0°	3.3 mm	U	●●	30-L4-8U	30-L4-2U	30-L4-8UO	30-L4-2UO	30-L4-8UE	30-L4-2UE
1st Bicuspid Hk				R	●	30-L4-8RK	30-L4-2RK	30-L4-8RKO	30-L4-2RKO	30-L4-8RKE	30-L4-2RKE
				L	●	30-L4-8LK	30-L4-2LK	30-L4-8LKO	30-L4-2LKO	30-L4-8LKE	30-L4-2LKE
2nd Bicuspid	-22°	0°	3.3 mm	U	●●	30-L5-8U	30-L5-2U	30-L5-8UO	30-L5-2UO	30-L5-8UE	30-L5-2UE
2nd Bicuspid Hk				R	●	30-L5-8RK	30-L5-2RK	30-L5-8RKO	30-L5-2RKO	30-L5-8RKE	30-L5-2RKE
				L	●	30-L5-8LK	30-L5-2LK	30-L5-8LKO	30-L5-2LKO	30-L5-8LKE	30-L5-2LKE

Full Sets	.018	.022	.018	.022	.018	.022
Upper/Lower 5x5 No Hooks	30KR-NHK-18	30KR-NHK-22	30KO-NHK-18	30KO-NHK-22	30KE-NHK-18	30KE-NHK-22
Upper/Lower 5x5 Hook on 3	30KR-3-18	30KR-3-22	30KO-3-18	30KO-3-22	30KE-3-18	30KE-3-22
Upper/Lower 5x5 Hooks on 4 & 5	30KR-45-18	30KR-45-22	30KO-45-18	30KO-45-22	30KE-45-18	30KE-45-22
Upper/Lower 5x5 Hooks on 3, 4, & 5	30KR-345-18	30KR-345-22	30KO-345-18	30KO-345-22	30KE-345-18	30KE-345-22

IDENTIFICATION SYSTEM



Also available in pre-packaged single case kits for your convenience.

Please add an -01 to the end of the kit part number (see Full Sets section). Contact us for pricing and quantity requirements.

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Roth† V Slot Prescription

Maxillary

Tooth	Torque	Angle	M/D	R/L	ID	Standard Pad .018	Standard Pad .022	Offset Bicuspid Pad .018	Offset Bicuspid Pad .022	Extended Bicuspid Pad .018	Extended Bicuspid Pad .022
Central	+12°	+5°	3.9 mm	R	●	31-U1-8R	31-U1-2R	—	—	—	—
				L	●	31-U1-8L	31-U1-2L	—	—	—	—
Lateral	+8°	+9°	3.0 mm	R	●	31-U2-8R	31-U2-2R	—	—	—	—
				L	●	31-U2-8L	31-U2-2L	—	—	—	—
Lateral Hk				R	●	31-U2-8RK	31-U2-2RK	—	—	—	—
				L	●	31-U2-8LK	31-U2-2LK	—	—	—	—
Cuspid	0°	+11°	3.5 mm	R	●	31-U3-8R	31-U3-2R	—	—	—	—
				L	●	31-U3-8L	31-U3-2L	—	—	—	—
Cuspid Hk				R	●	31-U3-8RK	31-U3-2RK	—	—	—	—
				L	●	31-U3-8LK	31-U3-2LK	—	—	—	—
1st & 2nd Bicuspid	-7°	0°	3.3 mm	U	●●	31-U4-8U	31-U4-2U	31-U4-8UO	31-U4-2UO	31-U4-8UE	31-U4-2UE
1st & 2nd Bicuspid Hk				R	●	31-U4-8RK	31-U4-2RK	31-U4-8RKO	31-U4-2RKO	31-U4-8RKE	31-U4-2RKE
				L	●	31-U4-8LK	31-U4-2LK	31-U4-8LKO	31-U4-2LKO	31-U4-8LKE	31-U4-2LKE

Mandibular

Tooth	Torque	Angle	M/D	R/L	ID	Standard Pad .018	Standard Pad .022	Offset Bicuspid Pad .018	Offset Bicuspid Pad .022	Extended Bicuspid Pad .018	Extended Bicuspid Pad .022
Anterior	0°	0°	2.5 mm	U	●●	31-L1-8U	31-L1-2U	—	—	—	—
Cuspid	-11°	+5°	3.5 mm	R	●	31-L3-8R	31-L3-2R	—	—	—	—
				L	●	31-L3-8L	31-L3-2L	—	—	—	—
Cuspid Hk				R	●	31-L3-8RK	31-L3-2RK	—	—	—	—
				L	●	31-L3-8LK	31-L3-2LK	—	—	—	—
1st Bicuspid	-17°	0°	3.3 mm	U	●●	31-L4-8U	31-L4-2U	31-L4-8UO	31-L4-2UO	31-L4-8UE	31-L4-2UE
1st Bicuspid Hk				R	●	31-L4-8RK	31-L4-2RK	31-L4-8RKO	31-L4-2RKO	31-L4-8RKE	31-L4-2RKE
				L	●	31-L4-8LK	31-L4-2LK	31-L4-8LKO	31-L4-2LKO	31-L4-8LKE	31-L4-2LKE
2nd Bicuspid	-22°	0°	3.3 mm	U	●●	31-L5-8U	31-L5-2U	31-L5-8UO	31-L5-2UO	31-L5-8UE	31-L5-2UE
2nd Bicuspid Hk				R	●	31-L5-8RK	31-L5-2RK	31-L5-8RKO	31-L5-2RKO	31-L5-8RKE	31-L5-2RKE
				L	●	31-L5-8LK	31-L5-2LK	31-L5-8LKO	31-L5-2LKO	31-L5-8LKE	31-L5-2LKE

Full Sets	.018	.022	.018	.022	.018	.022
Upper/Lower 5x5 No Hooks	31KR-NHK-18	31KR-NHK-22	31KO-NHK-18	31KO-NHK-22	31KE-NHK-18	31KE-NHK-22
Upper/Lower 5x5 Hook on 3	31KR-3-18	31KR-3-22	31KO-3-18	31KO-3-22	31KE-3-18	31KE-3-22
Upper/Lower 5x5 Hooks on 4 & 5	31KR-45-18	31KR-45-22	31KO-45-18	31KO-45-22	31KE-45-18	31KE-45-22
Upper/Lower 5x5 Hooks on 3, 4, & 5	31KR-345-18	31KR-345-22	31KO-345-18	31KO-345-22	31KE-345-18	31KE-345-22

Also available in pre-packaged single case kits for your convenience.

Please add an -01 to the end of the kit part number (see Full Sets section). Contact us for pricing and quantity requirements.

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Metal Brackets

Hilgers† Prescription

Maxillary

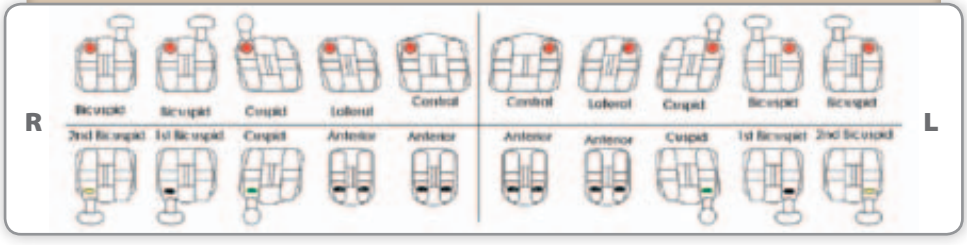
						Standard Pad		Offset Bicuspid Pad		Extended Bicuspid Pad	
Tooth	Torque	Angle	M/D	R/L	ID	.018	.022	.018	.022	.018	.022
Central	+22°	+5°	3.9 mm	R	●	33-U1-8R	33-U1-2R	—	—	—	—
				L	●	33-U1-8L	33-U1-2L	—	—	—	—
Lateral	+14°	+9°	3.0 mm	R	●	33-U2-8R	33-U2-2R	—	—	—	—
				L	●	33-U2-8L	33-U2-2L	—	—	—	—
Cuspid	7°	+10°	3.5 mm	R	●	33-U3-8R	33-U3-2R	—	—	—	—
				L	●	33-U3-8L	33-U3-2L	—	—	—	—
Cuspid Hk				R	●	33-U3-8RK	33-U3-2RK	—	—	—	—
				L	●	33-U3-8LK	33-U3-2LK	—	—	—	—
1st & 2nd Bicuspid	-7°	0°	3.3 mm	U	●●	30-U4-8U	30-U4-2U	30-U4-8UO	30-U4-2UO	30-U4-8UE	30-U4-2UE
1st & 2nd Bicuspid Hk				R	●	30-U4-8RK	30-U4-2RK	30-U4-8RKO	30-U4-2RKO	30-U4-8RKE	30-U4-2RKE
				L	●	30-U4-8LK	30-U4-2LK	30-U4-8LKO	30-U4-2LKO	30-U4-8LKE	30-U4-2LKE

Mandibular

						Standard Pad		Offset Bicuspid Pad		Extended Bicuspid Pad	
Tooth	Torque	Angle	M/D	R/L	ID	.018	.022	.018	.022	.018	.022
Anterior	0°	0°	2.5 mm	U	●●	30-L1-8U	30-L1-2U	—	—	—	—
Cuspid	+7°	+5°	3.5 mm	R	●	33-L3-8R	33-L3-2R	—	—	—	—
				L	●	33-L3-8L	33-L3-2L	—	—	—	—
Cuspid Hk				R	●	33-L3-8RK	33-L3-2RK	—	—	—	—
				L	●	33-L3-8LK	33-L3-2LK	—	—	—	—
1st Bicuspid	-17°	0°	3.3 mm	U	●●	30-L4-8U	30-L4-2U	30-L4-8UO	30-L4-2UO	30-L4-8UE	30-L4-2UE
1st Bicuspid Hk				R	●	30-L4-8RK	30-L4-2RK	30-L4-8RKO	30-L4-2RKO	30-L4-8RKE	30-L4-2RKE
				L	●	30-L4-8LK	30-L4-2LK	30-L4-8LKO	30-L4-2LKO	30-L4-8LKE	30-L4-2LKE
2nd Bicuspid	-22°	0°	3.3 mm	U	●●	30-L5-8U	30-L5-2U	30-L5-8UO	30-L5-2UO	30-L5-8UE	30-L5-2UE
2nd Bicuspid Hk				R	●	30-L5-8RK	30-L5-2RK	30-L5-8RKO	30-L5-2RKO	30-L5-8RKE	30-L5-2RKE
				L	●	30-L5-8LK	30-L5-2LK	30-L5-8LKO	30-L5-2LKO	30-L5-8LKE	30-L5-2LKE

Full Sets	.018	.022	.018	.022	.018	.022
Upper/Lower 5x5 No Hooks	33KR-NHK-18	33KR-NHK-22	33KO-NHK-18	33KO-NHK-22	33KE-NHK-18	33KE-NHK-22
Upper/Lower 5x5 Hook on 3	33KR-3-18	33KR-3-22	33KO-3-18	33KO-3-22	33KE-3-18	33KE-3-22
Upper/Lower 5x5 Hooks on 4 & 5	33KR-45-18	33KR-45-22	33KO-45-18	33KO-45-22	33KE-45-18	33KE-45-22
Upper/Lower 5x5 Hooks on 3, 4, & 5	33KR-345-18	33KR-345-22	33KO-345-18	33KO-345-22	33KE-345-18	33KE-345-22

IDENTIFICATION SYSTEM



Also available in pre-packaged single case kits for your convenience.

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† ODP prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement by the doctor.

Ricketts† Prescription

Maxillary

Tooth	Torque	Angle	M/D	R/L	ID	Standard Pad .018	Standard Pad .022	Offset Bicuspid Pad .018	Offset Bicuspid Pad .022	Extended Bicuspid Pad .018	Extended Bicuspid Pad .022
Central	+22°	+5°	3.9 mm	R	●	33-U1-8R	33-U1-2R	---	---	---	---
				L	●	33-U1-8L	33-U1-2L	---	---	---	---
Lateral	+14°	+9°	3.0 mm	R	●	33-U2-8R	33-U2-2R	---	---	---	---
				L	●	33-U2-8L	33-U2-2L	---	---	---	---
Cuspid	+7°	+5°	3.5 mm	R	●	34-U3-8R	34-U3-2R	---	---	---	---
				L	●	34-U3-8L	34-U3-2L	---	---	---	---
Cuspid Hk				R	●	34-U3-8RK	34-U3-2RK	---	---	---	---
				L	●	34-U3-8LK	34-U3-2LK	---	---	---	---
1st & 2nd Bicuspid	0°	0°	3.3 mm	U	●●	34-U4-8U	34-U4-2U	34-U4-8UO	34-U4-2UO	34-U4-8UE	34-U4-2UE
1st & 2nd Bicuspid Hk				R	●	34-U4-8RK	34-U4-2RK	34-U4-8RKO	34-U4-2RKO	34-U4-8RKE	34-U4-2RKE
				L	●	34-U4-8LK	34-U4-2LK	34-U4-8LKO	34-U4-2LKO	34-U4-8LKE	34-U4-2LKE

Mandibular

Tooth	Torque	Angle	M/D	R/L	ID	Standard Pad .018	Standard Pad .022	Offset Bicuspid Pad .018	Offset Bicuspid Pad .022	Extended Bicuspid Pad .018	Extended Bicuspid Pad .022
Anterior	0°	0°	2.5 mm	U	●●	30-L1-8U	30-L1-2U	---	---	---	---
Cuspid	+7°	+5°	3.5 mm	R	●	33-L3-8R	33-L3-2R	---	---	---	---
				L	●	33-L3-8L	33-L3-2L	---	---	---	---
Cuspid Hk				R	●	33-L3-8RK	33-L3-2RK	---	---	---	---
				L	●	33-L3-8LK	33-L3-2LK	---	---	---	---
1st & 2nd Bicuspid	0°	0°	3.3 mm	U	●●	34-L4-8U	34-L4-2U	34-L4-8UO	34-L4-2UO	34-L4-8UE	34-L4-2UE
1st & 2nd Bicuspid Hk				R	●	34-L4-8RK	34-L4-2RK	34-L4-8RKO	34-L4-2RKO	34-L4-8RKE	34-L4-2RKE
				L	●	34-L4-8LK	34-L4-2LK	34-L4-8LKO	34-L4-2LKO	34-L4-8LKE	34-L4-2LKE

Full Sets	.018	.022	.018	.022	.018	.022
Upper/Lower 5x5 No Hooks	34KR-NHK-18	34KR-NHK-22	34KO-NHK-18	34KO-NHK-22	34KE-NHK-18	34KE-NHK-22
Upper/Lower 5x5 Hook on 3	34KR-3-18	34KR-3-22	34KO-3-18	34KO-3-22	34KE-3-18	34KE-3-22
Upper/Lower 5x5 Hooks on 4 & 5	34KR-45-18	34KR-45-22	34KO-45-18	34KO-45-22	34KE-45-18	34KE-45-22
Upper/Lower 5x5 Hooks on 3, 4, & 5	34KR-345-18	34KR-345-22	34KO-345-18	34KO-345-22	34KE-345-18	34KE-345-22

IDENTIFICATION SYSTEM

Also available in pre-packaged single case kits for your convenience.

Please add an -01 to the end of the kit part number (see Full Sets section). Contact us for pricing and quantity requirements.

† ODP prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement by the doctor.

Setting new standards. In Gold.

ODP's Magnum™ Gold bracket system builds upon the classic features of the standard-setting Magnum™ bracket system with a 24 karat gold coating that will not chip, peel, or wear for the duration of the treatment.

The bracket's full integrity is uncompromised, and the brackets are safe for use on nickel-sensitive patients. Costly rebonds are avoided, while maximizing patient satisfaction. These gold brackets are a proven practice builder for orthodontists.

Roth† Prescription

Maxillary

Tooth	Torque	Angle	M/D	R/L	ID	.018	.022
Central	+12°	+5°	3.9 mm	R	---	32-U1-8R	32-U1-2R
				L	---	32-U1-8L	32-U1-2L
Lateral	+8°	+9°	3.0 mm	R	---	32-U2-8R	32-U2-2R
				L	---	32-U2-8L	32-U2-2L
Cuspid	0°	+11°	3.5 mm	R	---	32-U3-8R	32-U3-2R
				L	---	32-U3-8L	32-U3-2L
Cuspid Hk				R	---	32-U3-8RK	32-U3-2RK
				L	---	32-U3-8LK	32-U3-2LK
1st & 2nd Bicuspid	-7°	0°	3.3 mm	U	---	32-U4-8U	32-U4-2U
1st & 2nd Bicuspid Hk				R	---	32-U4-8RK	32-U4-2RK
				L	---	32-U4-8LK	32-U4-2LK

Mandibular

Tooth	Torque	Angle	M/D	R/L	ID	.018	.022
Anterior	0°	0°	2.5 mm	U	---	32-L1-8U	32-L1-2U
Cuspid	-11°	+5°	3.5 mm	R	---	32-L3-8R	32-L3-2R
				L	---	32-L3-8L	32-L3-2L
Cuspid Hk				R	---	32-L3-8RK	32-L3-2RK
				L	---	32-L3-8LK	32-L3-2LK
1st Bicuspid	-17°	0°	3.3 mm	U	---	32-L4-8U	32-L4-2U
1st Bicuspid Hk				R	---	32-L4-8RK	32-L4-2RK
				L	---	32-L4-8LK	32-L4-2LK
2nd Bicuspid	-22°	0°	3.3 mm	U	---	32-L5-8U	32-L5-2U
2nd Bicuspid Hk				R	---	32-L5-8RK	32-L5-2RK
				L	---	32-L5-8LK	32-L5-2LK

Full Sets	.018	.022
Upper/Lower 5x5 No Hooks	32K-NHK-18	32K-NHK-22
Upper/Lower 5x5 Hook on 3	32K-3-18	32K-3-22
Upper/Lower 5x5 Hooks on 4 & 5	32K-45-18	32K-45-22
Upper/Lower 5x5 Hooks on 3, 4, & 5	32K-345-18	32K-345-22

Also available in pre-packaged single case kits for your convenience.

Please add an -01 to the end of the kit part number (see Full Sets section). Contact us for pricing and quantity requirements.

† ODP prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement by the doctor.

Magnum™ Bicuspid Weldable Brackets

Extending the functionality and versatility of the entire Magnum™ bracket system, ODP offers weldable bicuspid brackets for welding onto bicuspid bands.

Weldable Bicuspid Brackets

Maxillary

Tooth	Torque	Angle	M/D	R/L	ID	.018	.022
1st & 2nd Bicuspid	0°	0°	3.3 mm	U	●●	34-WU4-8U	34-WU4-2U
	-7°	0°	3.3 mm	U	●●	30-WU4-8U	30-WU4-2U
1st & 2nd Bicuspid Hk	0°	0°	3.3 mm	R	●	34-WU4-8RK	34-WU4-2RK
				L	●	34-WU4-8LK	34-WU4-2LK
	-7°	0°	3.3 mm	R	●	30-WU4-8RK	30-WU4-2RK
				L	●	30-WU4-8LK	30-WU4-2LK

Mandibular

Tooth	Torque	Angle	M/D	R/L	ID	.018	.022
1st Bicuspid	0°	0°	3.3 mm	U	●●	34-WL4-8U	34-WL4-2U
	-17°	0°	3.3 mm	U	●●	30-WL4-8U	30-WL4-2U
1st Bicuspid Hk	0°	0°	3.3 mm	R	●	34-WL4-8RK	34-WL4-2RK
				L	●	34-WL4-8LK	34-WL4-2LK
	-17°	0°	3.3 mm	R	●	30-WL4-8RK	30-WL4-2RK
				L	●	30-WL4-8LK	30-WL4-2LK
2nd Bicuspid	-0°	0°	3.3 mm	U	●●	34-WL4-8U	34-WL4-2U
	-22°	0°	3.3 mm	U	●●	30-WL5-8U	30-WL5-2U
2nd Bicuspid Hk	-0°	0°	3.3 mm	R	●	34-WL4-8RK	34-WL4-2RK
				L	●	34-WL4-8LK	34-WL4-2LK
	-22°	0°	3.3 mm	R	●	30-WL5-8RK	30-WL5-2RK
				L	●	30-WL5-8LK	30-WL5-2LK

Weldable V Slot Bicuspid

Maxillary

Tooth	Torque	Angle	M/D	R/L	ID	.018	.022
Upper Bicuspid	-7°	0°	3.3 mm	U	●●	31-WU4-8U	31-WU4-2U
Lower Bicuspid	-17°	0°	3.3 mm	U	●●	31-WL4-8U	31-WL4-2U

Dr. James Cannon

As a consultant and lecturer on the mechanics of orthodontic treatment and cephalometrics, Dr. James Cannon is renowned for his unique archwire and bracket design concepts. Dr. Cannon holds eight U.S. Patents, and is the developer of the Cannon Cephalometric Analysis, which identifies cases with true arch discrepancy. Dr. Cannon currently serves on the staff of Vanderbilt University's School of Orthodontics.

"The design of an orthodontic bracket should not dictate the final torques and angulations, but rather enable their establishment."

— Dr. James Cannon

Remembering the face... in Orthodontic treatment.

Low continous forces were the key element of the high-tech, super elastic wire evolution of the 1980's. However, no bracket system existed that could take full advantage of these light forces. A bracket system was needed that could accurately deliver forces substantially below those produced by conventional edgewise brackets. The Cannon Ultra™ bracket system works with the physiology of the patient through ultra light forces and low friction.

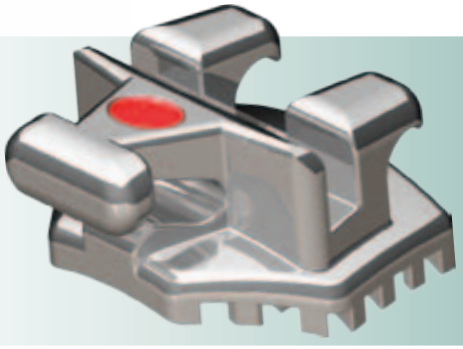
Treatment is much faster and simpler with results that far exceed expectation.

Elastic Ligature
with .014 Nitinol Archwire

.012 Steel Ligature
with .016 Steel Archwire

Ultra Low Friction. Ultra Low Forces.

There are three major factors that control the magnitude of force exerted on adjacent teeth: the vertical dimension of the arch wire slot .018 or .022, the mesio-distal width of the slot, and the degree of tipping of the tooth.



Actual Patient

Ultra torque and angulation control

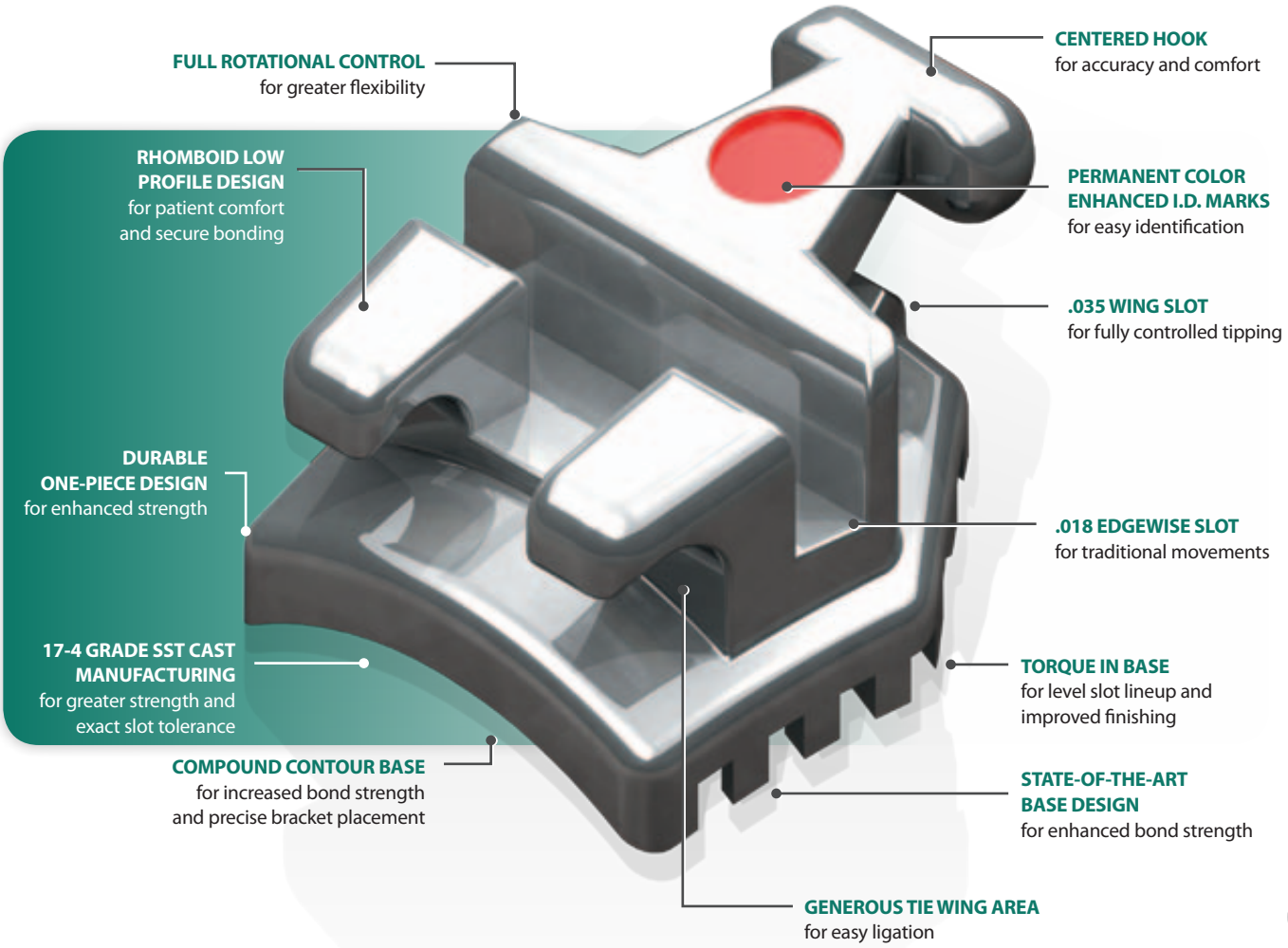
The Cannon Ultra™ bracket system gives two different options in slot selection. A .035 vertically opening Wing Slot for low friction, low unidirectional forces, that allows for controlled tipping, and a conventional .018 x .025 edgewise slot for torque and angulation control. Each slot can be utilized individually or both slots can be used simultaneosly.

Individual torques and angulations can be customized as needed for the case.

CannonUltra™

LOW FRICTION/LOW FORCES

by Orthodontic Design and Production, Inc.



The future is here: Gnathological Control

The turn of the 21st century in orthodontics has been accompanied by significant developments in multiple facets of dentistry, including digital technology, implants, cosmetic dentistry, and surgery to mention just a few.

The Cannon Ultra™ bracket system, with its "dual-slot", offers a superior alternative for the so important Gnathological finishing approach required in this high-tech era of dentistry and orthodontics.

Straight Wire Evolution

The Cannon Ultra™ bracket system delivers the features of a Straight Wire Twin Bracket utilizing its edgewise slot, and the features of a passive self-ligating bracket utilizing its Wing Slot.

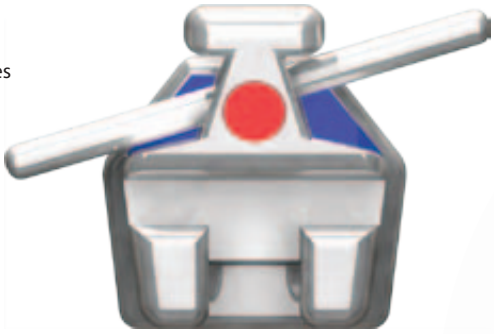
This allows you Total Control.

How it Works...

The Cannon Ultra™ bracket system is the first bracket system that enables the orthodontist to easily treat mild to moderate apical base Class II and Class III cases. This is accomplished by utilizing the Wing Slot which allows for dental compensation. The Wing Slot opens to the gingival. The archwire is held securely in the Wing Slot by utilizing the same elements as with the edgewise slot; "0" ring, power chain and steel ligature tie. There is also a pre-adjusted edgewise slot for the treatment of apical base Class I cases. Bodily en masse retraction of the anterior teeth can be easily accomplished in extraction cases by utilizing an archwire in both slots simultaneously. When utilizing a .018 steel archwire in the Wing Slot with bilateral 25 degree "V" bends in the middle of the extraction sites in conjunction with a .018 x .025 nickel titanium archwire in the pre-adjusted slot, proper movement to force ratio is established so as to bodily retract the anterior teeth and enhance anchorage so that no external anchorage is required.

.016 archwire in .022 edgewise slot

Typical edgewise upper bicuspid bracket. Slot width .130 - There can be approximately 7 degrees of tip of the tooth before adverse forces affect adjacent teeth when a continuous archwire is placed in the arch.



.016 archwire in .018 edgewise slot

Cannon Ultra™ upper bicuspid bracket. Slot width .130 - There can be approximately 1 degree of tip of the tooth before adverse forces affect adjacent teeth when a continuous archwire is placed in the arch.

.016 archwire in .035 Wing Slot

Cannon Ultra™ upper bicuspid bracket. Slot width .130 - There can be approximately 20 degrees of tip of the tooth before adverse forces affect adjacent teeth when a continuous archwire is placed in the arch.

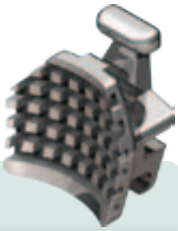
Versatile Ligation

Low Friction

Ultra Low Friction

Total Control

CANNON ULTRA™ BRACKET SYSTEM



Cannon Ultra† Prescription

Maxillary

Tooth	Torque	Angle	Rotation	M/D	R/L	ID	Anchor-Lock Pad .018
Central Hk	+16°	+5°	0°	3.3 mm	R	●	84-U1-8RK
					L	○	84-U1-8LK
Lateral Hk	+12°	+9°	0°	3.2 mm	R	●	84-U2-8RK
					L	●	84-U2-8LK
Cuspid Hk	0°	+9°	0°	3.4 mm	R	●	84-U3-8RK
					L	●	84-U3-8LK
1st & 2nd Bicuspid Hk	-7°	0°	0°	3.3 mm	R	●	84-U4-8RK
					L	●	84-U4-8LK

Mandibular

Tooth	Torque	Angle	Rotation	M/D	R/L	ID	Anchor-Lock Pad .018
Anterior Hk	0°	0°	0°	2.8 mm	U	●	84-L1-8OUK
Cuspid Hk	0°	+5°	0°	3.3 mm	R	●	84-L3-8RK
					L	●	84-L3-8LK
1st & 2nd Bicuspid Hk	-12°	0°	0°	3.3 mm	R	●	84-L4-8RK
					L	●	84-L4-8LK

Full Sets	.018
Upper/Lower 5x5 Hooks on 3, 4, & 5	84K-345-18

IDENTIFICATION SYSTEM

Also available in pre-packaged single case kits for your convenience.

Please add an -01 to the end of the kit part number (see Full Sets section). Contact us for pricing and quantity requirements.

† ODP prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement by the doctor.

Design of the Wing Slot

The Wing Slot is a gingival, vertical opening, Low Friction slot, even with elastomeric ties. It is unique in that an archwire can be held securely in place in the Wing Slot utilizing the same ligating elements as used to secure an archwire in the edgewise slot. Accommodates all ligating techniques.

U.S. Patent: 7,329,120

Wing Slot .035 x .018

Archwire with O-ring or power chain

Low Friction Edgewise Slot

This slot is unique in that the vertical sides are unequal in height. This allows for the ligating element to position the archwire in the bottom of the slot, affording better rotational control with an archwire as small as .016. As the archwire increases in size, more friction is developed between the ligating element and the archwire.

When maximum friction is desired, the ligating element is not positioned in the facial channels of the bracket, but is placed around the bracket so that the ligating element exerts pressure directly against the archwire.

.016 archwire in the .035 Wing Slot

Allows for up to 18 degrees of tip of the tooth before adverse forces affect adjacent teeth.

Cannon Ultra II™

Faster treatment time through Wing Slot utilization

The Cannon Ultra II™ bracket system features an innovative Wing Slot that improves and simplifies edgewise mechanics. In addition, the Cannon Ultra II™ bracket is equipped with a Low Friction edgewise slot, as well as a hook on every bracket to accommodate elastics. This represents a major step forward in making rotational corrections, bite opening, establishing differential resistance, and establishing the necessary anchorage for en masse retraction of the anterior teeth more efficient and less complicated.

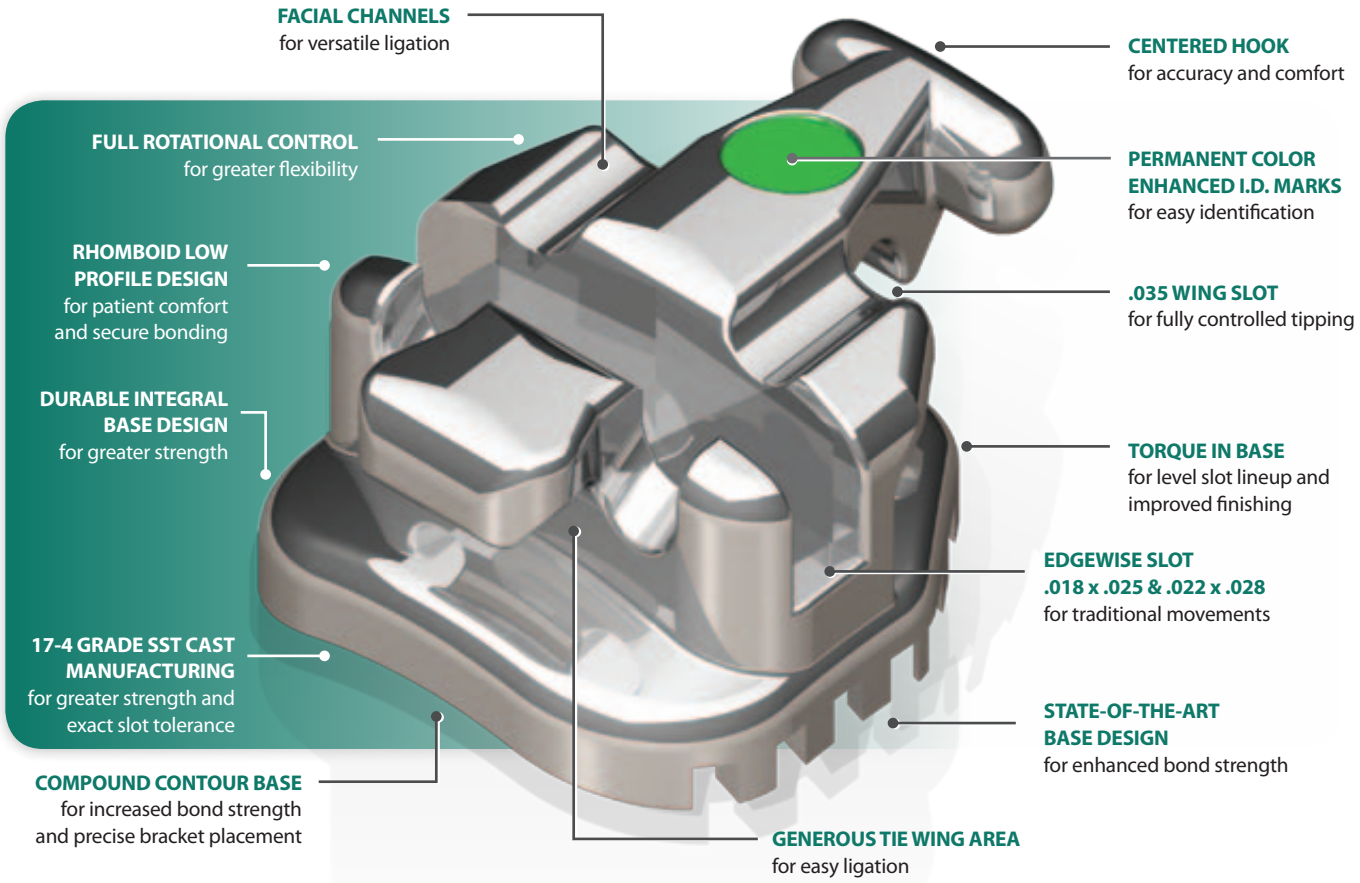
Review the pictured cases on page 40 and watch the full presentation on the "Cannon Corner" at www.odpinc.com to see how the Cannon Ultra II™ bracket system can help you improve the ease and efficiency of your treatments.

Actual Patient

CannonUltraII™

LOW FRICTION/LOW FORCES

by Orthodontic Design and Production, Inc.



Dr. Cannon's 40 years of clinical experience using both frictionless techniques and the straightwire system have lead to the development of the Cannon Ultra II™ bracket system. Combining the best of both worlds, the Cannon Ultra II™ offers simplicity, versatility, and universal adaptability, leading to high quality results in an astonishingly short time. The biological and biomechanical background of the Cannon Ultra II™ system offers individualized treatment for your patients based on the skeletal pattern. Straightforward appliance construction and the easiest possible elastic ligation system results in reduced chair time and maximum patient comfort. The Cannon Ultra II, carries the concept of the programmed edgewise bracket to its next level.

CANNON ULTRA II™ BRACKET SYSTEM

BITE OPENING WITH THE WING SLOT

The width and the vertical opening of an archwire slot play major roles in the effectiveness of a bite opening. For cuspids and bicuspids, edgewise brackets typically have widths of .130 - .145, with vertical openings of either .018 or .022. A .016 archwire engaged into a .022 edgewise slot which is .140 wide will allow for only minimal tipping of a tooth before creating adverse forces on the adjacent teeth. However, the .035 opening and .070 wide Cannon Ultra II™ Wing Slot will allow up to 18 degrees of tip before creating adverse forces on adjacent teeth.

EN MASSE RETRACTION OF ANTERIOR TEETH IN EXTRACTION CASES

Bodily en masse retraction of the anterior teeth can be easily accomplished in extraction cases by utilizing archwires in both slots simultaneously. When utilizing a .018 steel archwire in the Wing Slot with bilateral 25-degree "V" bends in the middle of the extraction sites, in conjunction with a .018 x .025 nickel titanium archwire in the edgewise slot, proper movement-to-force ratio is established so as to bodily retract the anterior teeth and enhance anchorage so that no external anchorage is required.

DIFFERENTIAL RESISTANCE

Edgewise mechanics typically rely on some form of anchorage, such as headgear, osseous screws (TADs), etc., because there is no way to set up differential resistance with the edgewise appliance without auxiliary anchorage. However, with the Cannon Ultra II™ bracket system, differential resistance can be established between the arches or within the same arch. The archwire is inserted into the Wing Slot of the arch or group of teeth that is the primary movement unit, and a second archwire is inserted into the edgewise slot of the arch or group of teeth that will serve as the anchorage unit. It always takes more force to move teeth bodily than to tip teeth.

ROTATIONAL CORRECTION WITH THE WING SLOT

Unlike the edgewise slot, which depends on the ligating element to secure the archwire in the bottom of the slot to correct tooth rotations, the Wing Slot has metal on both the facial and lingual sides of the archwire. Therefore, insertion and ligation of the archwire into the Wing Slot is much easier than into the edgewise slot. There are stretching forces against the ligating element by the archwire inserted into the edgewise slot of a rotated tooth. These forces can result in the archwire becoming partly dislodged from the edgewise slot, thereby losing the rotational correction force. This problem is alleviated by utilizing the Wing Slot.

DENTAL COMPENSATION

The Cannon Ultra II™ Wing Slot allows for tipping of the teeth. Therefore, it is very easy to establish the angulation of the cuspids and bicuspids needed to achieve dental compensation for the apical base Class II and Class III cases. Since the archwire in the Wing Slot is always round, the anterior posterior positioning of the maxillary and mandibular incisor required for the apical base Class II and Class III cases can also be easily established.

CANNON ULTRA II™ BRACKET SYSTEM

MBT† Prescription

Maxillary

Tooth	Torque	Angle	Rotation	M/D	R/L	ID	Anchor-Lock Pad .018	Anchor-Lock Pad .022
Central Hk	+17°	+4°	0°	3.5 mm	R		85-U1-8RK	85-U1-2RK
					L		85-U1-8LK	85-U1-2LK
Lateral Hk	+10°	+8°	0°	3.3 mm	R		85-U2-8RK	85-U2-2RK
					L		85-U2-8LK	85-U2-2LK
Cuspid Hk	0°	+8°	0°	3.5 mm	R		85-U3-8RK	85-U3-2RK
					L		85-U3-8LK	85-U3-2LK
1st & 2nd Bicuspid Hk	-7°	0°	0°	3.4 mm	R		85-U4-8RK	85-U4-2RK
					L		85-U4-8LK	85-U4-2LK

Mandibular

Tooth	Torque	Angle	Rotation	M/D	R/L	ID	Anchor-Lock Pad .018	Anchor-Lock Pad .022
Anterior Hk	0°	0°	0°	2.9 mm	U		85-L1-8OUK	85-L1-2OUK
	-6°	0°	0°	2.9 mm	U		85-L1-86UK	85-L1-26UK
Cuspid Hk	0°	+3°	0°	3.4 mm	R		85-L3-8RK	85-L3-2RK
					L		85-L3-8LK	85-L3-2LK
1st Bicuspid Hk	-12°	0°	0°	3.4 mm	R		85-L4-8RK	85-L4-2RK
					L		85-L4-8LK	85-L4-2LK
2nd Bicuspid Hk	-17°	0°	0°	3.4 mm	R		85-L5-8RK	85-L5-2RK
					L		85-L5-8LK	85-L5-2LK

Full Sets	.018	.022
Upper/Lower 5x5 Hooks on 3, 4, & 5	85K-345-18	85K-345-22

IDENTIFICATION SYSTEM

Also available in pre-packaged single case kits for your convenience.

Please add an -01 to the end of the kit part number (see Full Sets section). Contact us for pricing and quantity requirements.

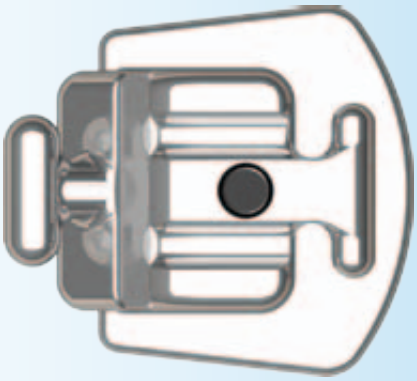
† The ODP version of the Cannon Ultra II is not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Cannon.

Introducing Discreet™
A totally new approach to Lingual Orthodontics

Based on the successful ideology of the Cannon bracket system, we are now proud to offer the next logical development: the Discreet™ lingual bracket system.

- *Discreet™ brackets eliminate the dilemma regarding vertical or horizontal insertion, by offering both possibilities!*
- *With careful management, these brackets can be mounted without laboratory preparation.*
- *Ligation with steel ligatures (friction) or elastic ligatures (non-friction).*

Developed by Dr. Stephen Williams

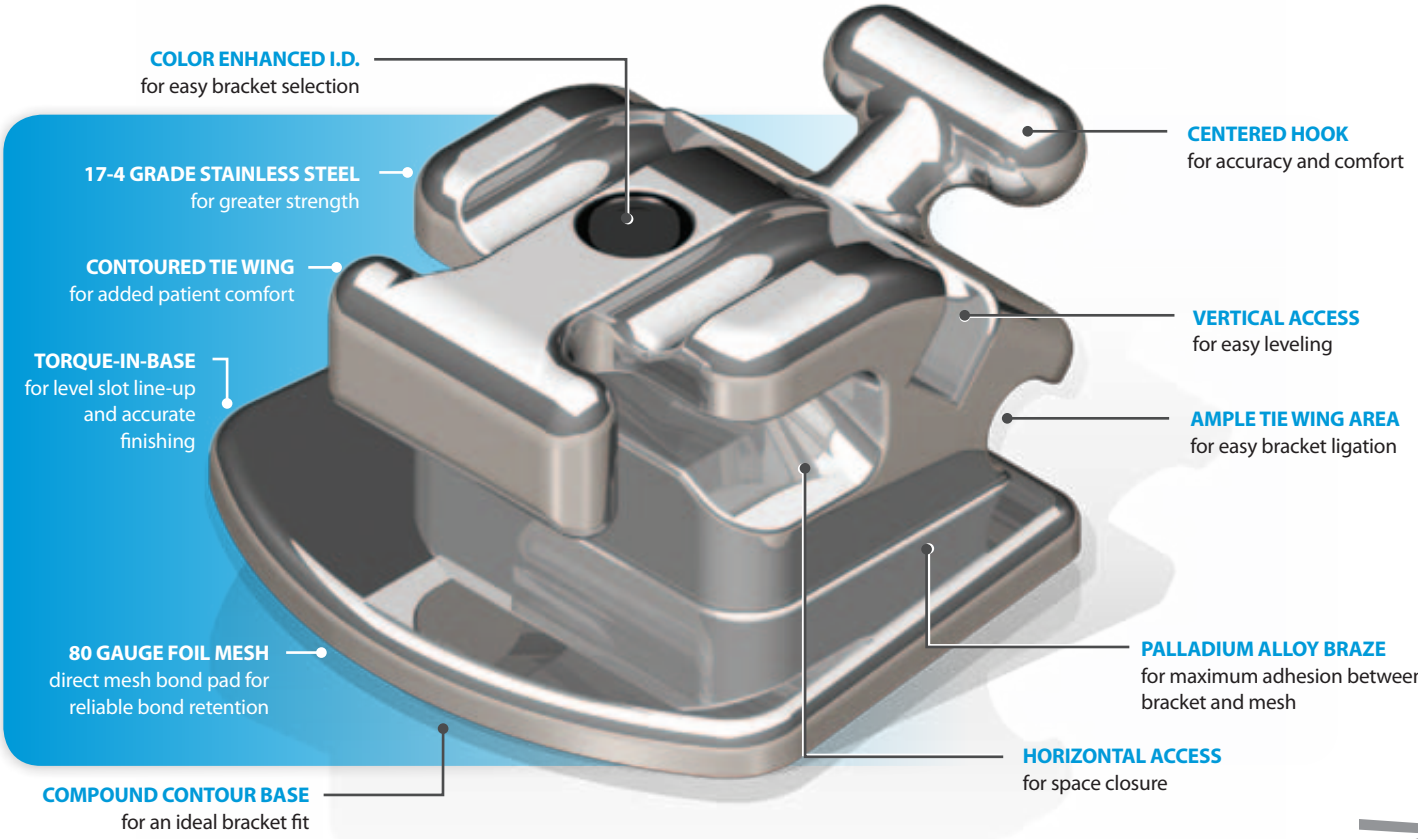


TREATMENT MADE SIMPLE:

- *Vertical access for easy leveling.*
- *Horizontal access for space closure.*
- *Independent vertical incisal control.*
- *Differential deep bite correction.*
- *Creation of correct biomechanical systems.*

Discreet™ LINGUAL BRACKET SYSTEM

by Orthodontic Design and Production, Inc.



U.S. Patent: 7,329,120 B1

Maxillary

Tooth	Torque	Angle	Rotation	M/D	R/L	ID	.018
Central/Lateral/Cuspid Hk	+40°	0°	0°	3.2 mm	U	●	86-U123-8UK
Bicuspid Hk	+11°	0°	0°	3.2 mm	U	●	86-U4L4-8UK
Molar Tube Hk	0°	0°	0°	3.5 mm	R	●	86-DBL-801L
					L	●	86-DBL-802L

Mandibular

Tooth	Torque	Angle	Rotation	M/D	R/L	ID	.018
Anterior Hk	+40°	0°	0°	2.7 mm	U	●	86-L1-8UK
Cuspid Hk	+40°	0°	0°	3.2 mm	U	●	86-L3-8UK
Bicuspid Hk	+11°	0°	0°	3.2 mm	U	●	86-U4L4-8UK
Molar Tube Hk	0°	0°	0°	3.5 mm	R	●	86-DBL-802L
					L	●	86-DBL-801L

Full Sets	.018
Upper/Lower 5x5 Hooks on 3, 4, & 5	86K-345-18