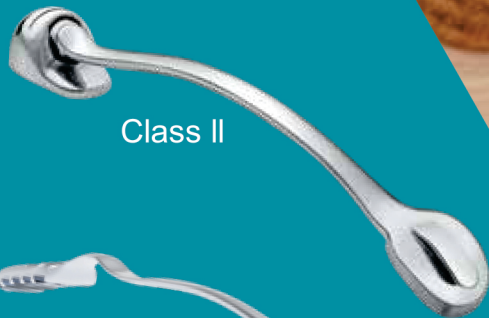


CARRIERE® | MOTION3D™

Standardize, Simplify &
Shorten Treatment with
Predictable Results



Class II

Class III





SAGITTAL FIRST™

The SAGITTAL FIRST Philosophy is a ground-breaking approach that standardizes, simplifies, and shortens

Class II and Class III treatment. It employs the Carriere® Motion 3D™ Appliance to treat the AP dimension at the beginning of treatment before placing brackets or aligners. By resolving the most difficult part of treatment first, you can achieve a Class I platform in 3 to 6 months, shortening total treatment time by a minimum of 6 months.¹ You know how excited patients and parents get when you mention shorter treatment times!

“The MOTION 3D has changed the way that we practice orthodontics. By implementing Sagittal First protocols with the MOTION 3D Appliance, bite correction is addressed more elegantly and with improved treatment efficiencies. We are seeing fewer complications and treatment times decreased by as much as 50%.”

– Dr. Jep Paschal

¹ “Treatment Effects of the Carriere Distalizer (Motion 3D) Using Lingual Arch and Full Fixed Appliances,” Journal of the World Federation of Orthodontists, May 2014.

The Ultimate Success Formula

SAGITTAL FIRST: Standardizes and Simplifies Treatment

- Utilizes same treatment protocol no matter the malocclusion type
- Simplifies treatment and planning
- Eliminates lab time delays with direct-bond placement

SAGITTAL FIRST: Shortens Overall Treatment by up to 6 Months

- Eliminates competing forces associated with AP correction while wearing fixed appliances
- Fosters greater patient compliance at the start of treatment, when patient motivation is highest
- Establishes a Class I platform in 3 to 6 months, faster than any other appliance on the market today ²

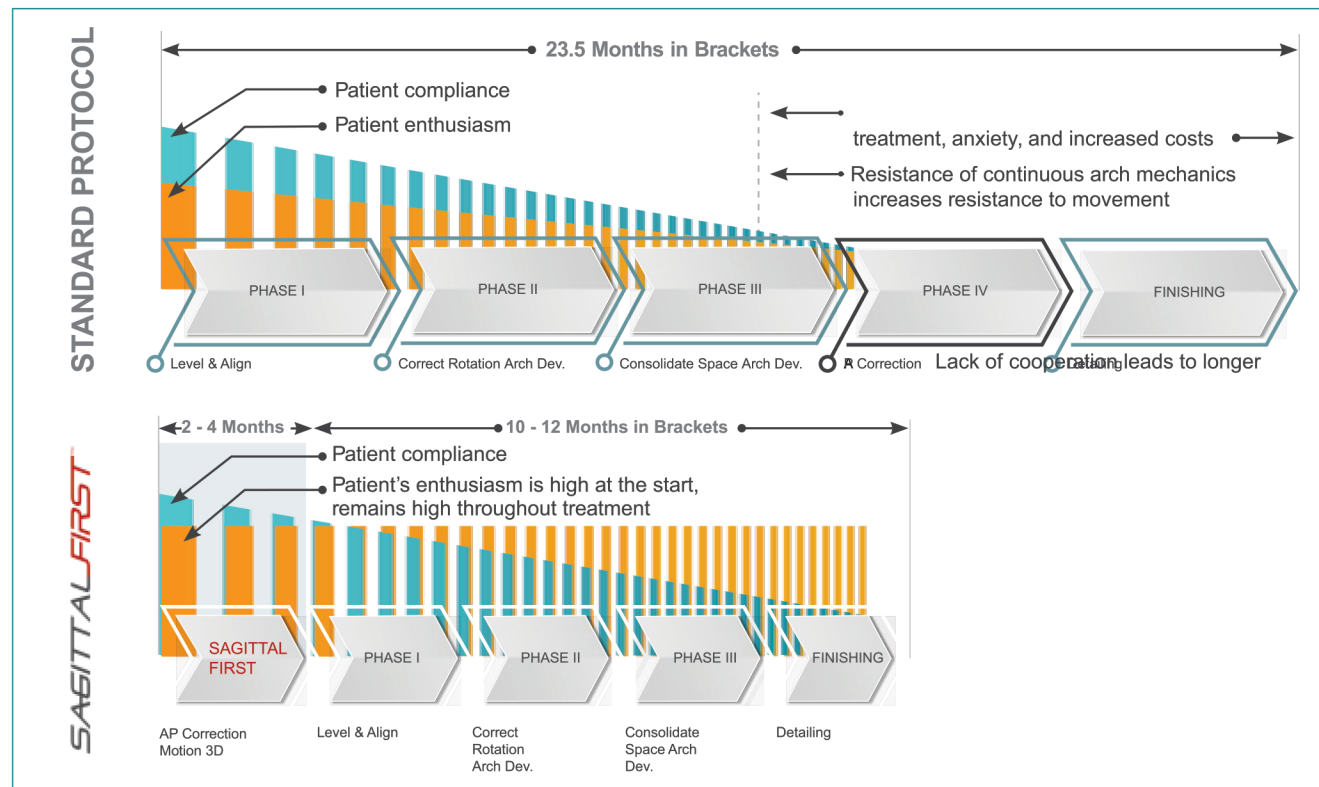
SAGITTAL FIRST: Increases Conversion Rates with Same-Day Starts

- Motion 3D can be bonded immediately after the consult
- Takes under 15 minutes to place and educate the patient
- Minimize extractions to help build your practice

SAGITTAL FIRST: Offers More Treatment Options for Patients

- Motion 3D provides simple bite correction for clear aligner treatment
- Offers opportunity to postpone decision about whether to finish with brackets or aligners based on compliance, hygiene, and treatment progress

Treatment Workflow Comparison

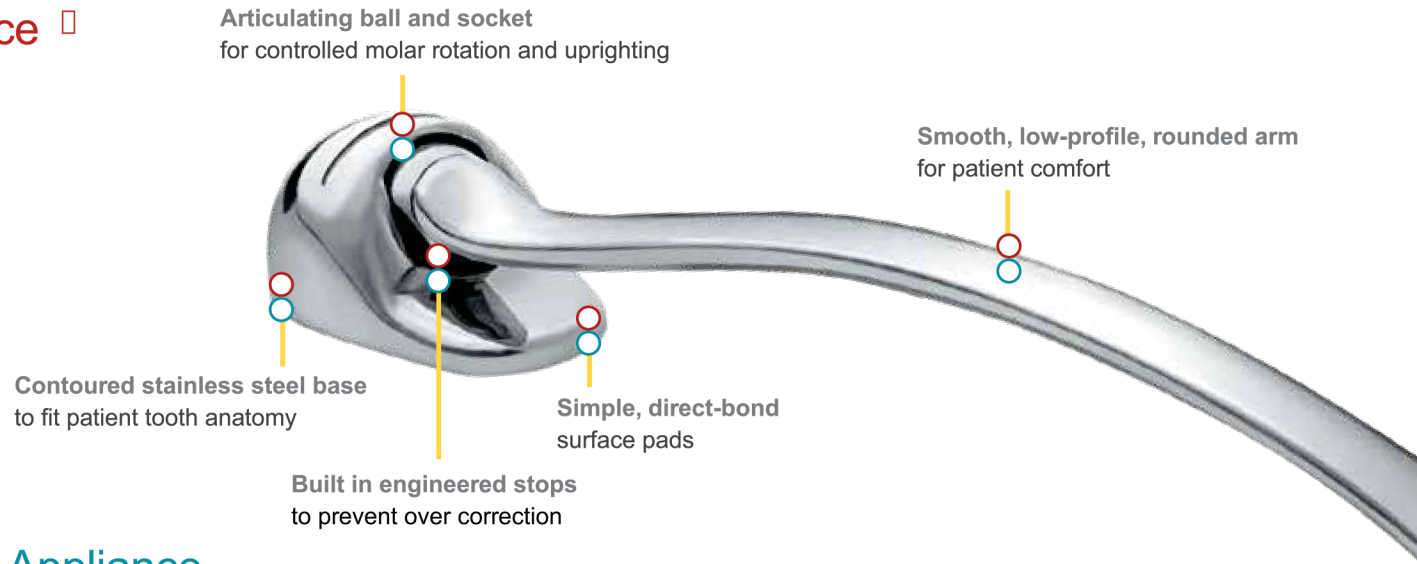


² "Treatment Effects of the Carriere Distalizer (Motion 3D) Using Lingual Arch and Full Fixed Appliances," Journal of the World Federation of Orthodontists, May 2014.

A Closer Look

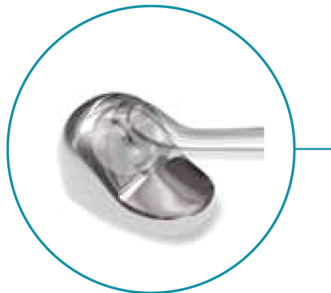
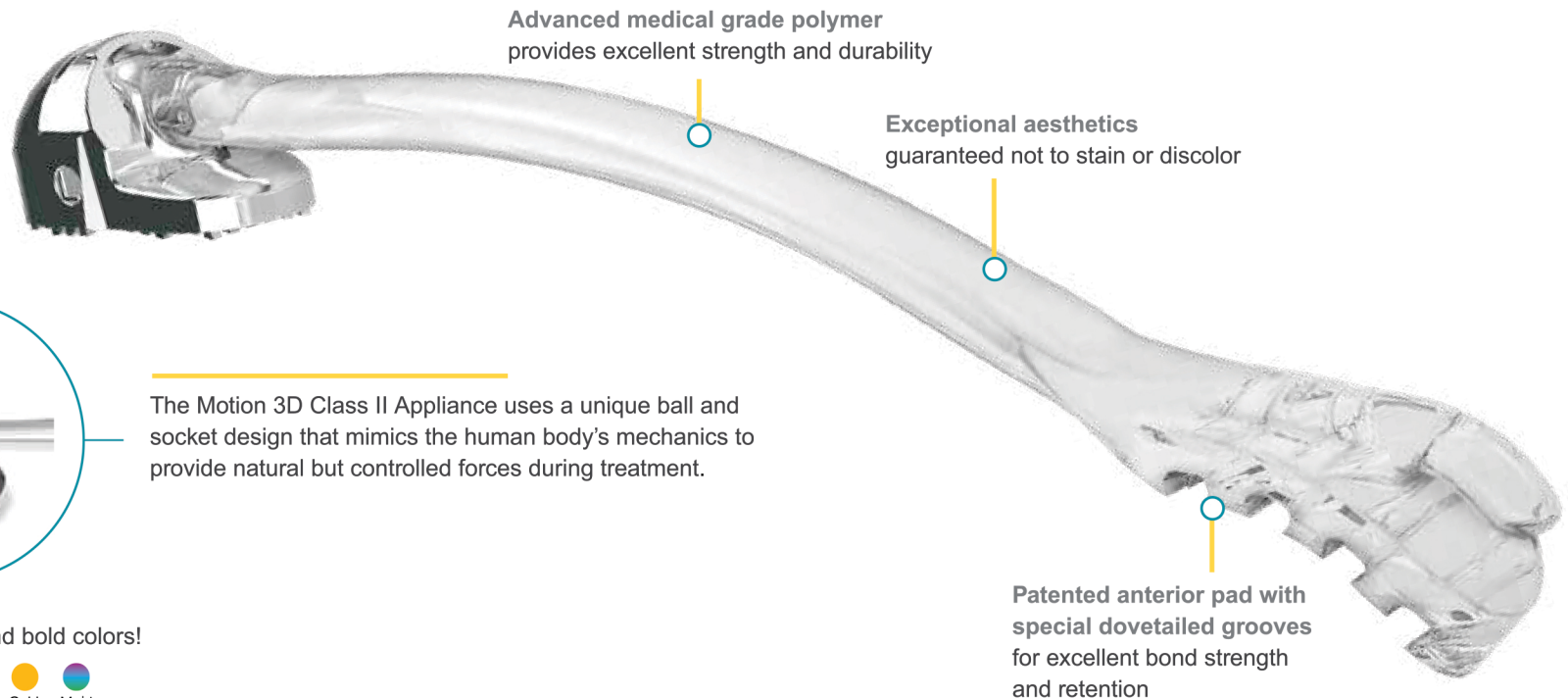
Motion 3D Class II Appliance

○ CLASS II



Motion 3D CLEAR Class II Appliance

○ CLEAR CLASS II



The Motion 3D Class II Appliance uses a unique ball and socket design that mimics the human body's mechanics to provide natural but controlled forces during treatment.

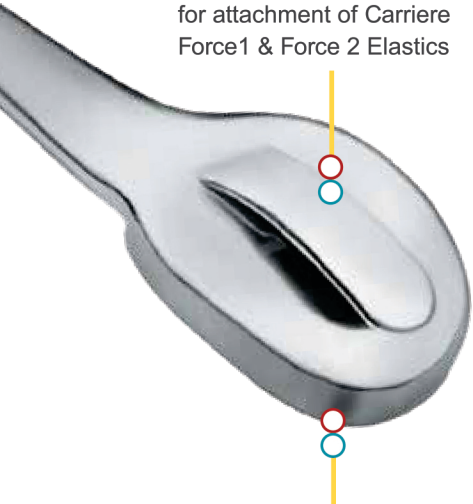
□ Available in fun and bold colors!



Indications:

- Class 1, Crowding
- Class II, Division 1
- Class II, Division 2
- Class II, Open bite
- Class II, Deep bite
- Class II, Blocked out upper cuspids
- Class II, Subdivision, left or right (unilateral)
- Mixed Dentition (Phase 1)

Sleek hook on pad
for attachment of Carriere
Force1 & Force 2 Elastics



Fixed cuspid pad
allows the distal
movement of the cuspid
along the alveolar ridge
without tipping

How the CLASS II Appliance Works

The Motion 3D Class II Appliance is used to employ the SAGITTAL FIRST Philosophy to achieve an ideal Class I platform at the beginning of treatment prior to placing brackets or aligners when there are no completing forces operating and patient compliance is at its highest.

Setup:

- Appliance is bonded from the upper first molar to the cuspid or bicuspid
- Bondable hook or molar tube is bonded to the lower first or second molar
- Elastics connect the appliance to the bondable hook or molar tube
- Essix-type retainer, clear aligner, or lingual arch provides anchorage for mandibular arch



Using gentle, uniform forces, the *Motion 3D* Appliance achieves ideal Class I occlusion by simultaneously:

1. Rotating the maxillary first molars around the palatal root
2. Uprighting the maxillary first molars
3. Distalizing the maxillary posterior segment – from canine or first premolar to first molar, as a unit

Before Motion 3D



After Motion 3D



Before Motion 3D



After Motion 3D



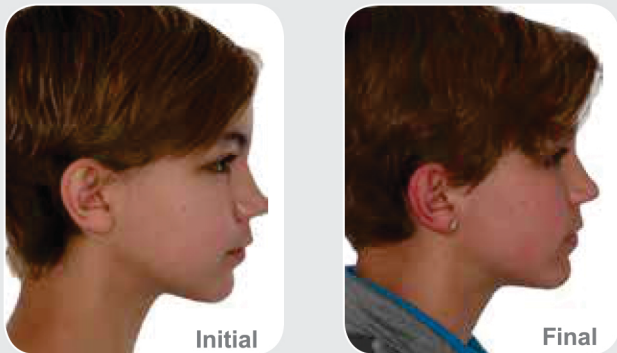
Results from *Motion 3D* :

1. Upper first molars rotate into correct position
2. AP corrected – Class I molar and cuspid relationships achieved
3. Anterior crowding resolved (with extra space!)
4. Overjet and overbite deep bite corrected
5. Movement averages from 3 mm to 6 mm

Motion 3D in Action

Patient:
11 years old

Malocclusion:
Class II, Division 2



Initial



3 Months - Class I Platform Achieved



8 Months - Carriere SLX Brackets Progress Photos



13 Months - Final
Treatment Time: 13 Months
Motion 3D Appliance (3 Months) + SLX Brackets (10 Months)



Total

Case provided by Dr. Dave Paquette

Patient:
29 years old

Malocclusion:
Class II, Open Bite



Initial



2.5 Months - Class I Platform Achieved



11 Months - Carriere SLX Brackets Removed



11 Months - Final



Total Treatment Time: 11 Months
Motion 3D Appliance (2.5 Months) + SLX Brackets (8.5 Months)

Case provided by Dr. Luis Carrière

MOTION 3D + SLX Clear Aligners A Complete System

Let *MOTION 3D* do the heavy lifting for you!

The *SAGITTAL FIRST* Philosophy utilizing the *MOTION 3D CLEAR*™ Appliance is designed to standardize and simplify your aligner cases, reducing total treatment time and both the number of attachments and aligners required.



Treated cases and case simulations by Dr. Luis Carrière.



66% FEWER
Aligners with *MOTION 3D*!

*By correcting the sagittal first with *MOTION 3D*, I've reduced my number of aligners by an average of 62%! I've improved facial aesthetics, airway and TMJ when needed - in a way that I am not able to do with aligners alone."*

— Dr. Luis Carrière

Visit SLXClearAligners.com for fast and easy case setups!

Motion 3D Class III Appliance

Treat Class III Malocclusions using the SAGITTAL FIRST Philosophy

The Motion 3D Class III Appliance is a minimally invasive appliance intended to treat Class III malocclusions without extractions, painful orthognathic surgery or uncomfortable and obtrusive face masks. The Motion 3D Class III Appliance is as easy to place as a bracket or buccal tube, and is designed to provide predictable results, preserving the patient's natural features while creating a harmonious, balanced profile.

Similar to its Class II counterpart, the patient-friendly Motion 3D Class III Appliance is used at the beginning of treatment, prior to braces or aligners, to deliver rapid AP correction. By following the SAGITTAL FIRST Philosophy powered by the Motion 3D Class III Appliance, overall treatment time is reduced by several months.

Simple, reliable, direct-bond attachment points

Universal left and right design for simple inventory management

Sleek hook on pad for attachment of Carriere Force 1 Elastics

Patented posterior pad with special dovetailed grooves for excellent bond strength and retention

Multi-lateral flexion at the center and distal segments, allowing a custom anatomical fit and gentle repositioning/uprighting of the molar

High flexibility and unique spring-back qualities to resist deformation

Patented anterior pad with special dovetailed grooves for excellent bond strength and retention

Indications:

- Class I, Crowding
- Class III, Deep Bite
- Class III, Open Bite
- Class III, Unilateral
- Class III, Cleft Palate
- Mixed Dentition (Phase 1)
- As an alternative to surgery

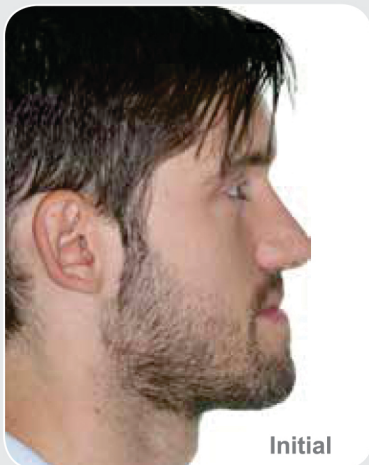
Motion 3D in Action

Patient: Adult

Class: III

Reason for Treatment:

Wanted an alternative to surgery



Initial



3.5 Months - Class I Platform Achieved



3.5 Months - Carriere SLX Brackets Placed



5.5 Months - Carriere SLX Brackets Removed



15.5 Months - Final



Total Treatment Time: 15.5 Months


















































Motion 3D Appliance (3.5 Months) + SLX Brackets (12 Months)

Case provided by Dr. Luis Carrière










To learn more about this patient
and his treatment, visit:
bit.ly/MOTIONClassIIIPatient
or scan the QR code.



CLASS II APPLIANCE

DESCRIPTION	SIZE	COLOR CODE	LEFT	RIGHT	SET
Motion 3D CLEAR Class II Appliance  CLEAR	16 mm		424-816LC	424-816RC	424-816C
	18 mm		424-818LC	424-818RC	424-818C
	20 mm		424-820LC	424-820RC	424-820C
	23 mm		424-823LC	424-823RC	424-823C
	25 mm		424-825LC	424-825RC	424-825C
	27 mm		424-827LC	424-827RC	424-827C
Motion 3D COLORS Class II Appliance  SILVER*	16 mm		424-916LN	425-916RN	425-916CN
	18 mm		424-918LN	425-918RN	425-918CN
	20 mm		424-920LN	425-920RN	425-920CN
	23 mm		424-923LN	425-923RN	425-923CN
	25 mm		424-925LN	425-925RN	425-925CN
	27 mm		424-927LN	425-927RN	425-927CN
Motion 3D COLORS Class II Appliance  BLUE	16 mm		425-116L	425-116R	425-116C
	18 mm		425-118L	425-118R	425-118C
	20 mm		425-120L	425-120R	425-120C
	23 mm		425-123L	425-123R	425-123C
	25 mm		425-125L	425-125R	425-125C
	27 mm		425-127L	425-127R	425-127C
Motion 3D COLORS Class II Appliance  GREEN	16 mm		425-216L	425-216R	425-216C
	18 mm		425-218L	425-218R	425-218C
	20 mm		425-220L	425-220R	425-220C
	23 mm		425-223L	425-223R	425-223C
	25 mm		425-225L	425-225R	425-225C
	27 mm		425-227L	425-227R	425-227C
Motion 3D COLORS Class II Appliance  PURPLE	16 mm		425-316L	425-316R	425-316C
	18 mm		425-318L	425-318R	425-318C
	20 mm		425-320L	425-320R	425-320C
	23 mm		425-323L	425-325R	425-325C
	25 mm		425-325L	425-325R	425-325C
	27 mm		425-327L	425-327R	425-327C
Motion 3D COLORS Class II Appliance  GOLD	16 mm		425-416L	425-416R	425-416C
	18 mm		425-418L	425-418R	425-418C
	20 mm		425-420L	425-420R	425-420C
	23 mm		425-423L	425-423R	425-423C
	25 mm		425-425L	425-425R	425-425C
	27 mm		425-427L	425-427R	425-427C
Motion 3D COLORS Class II Appliance  MULTI	16 mm		425-516L	425-516R	425-516C
	18 mm		425-518L	425-518R	425-518C
	20 mm		425-520L	425-520R	425-520C
	23 mm		425-523L	425-523R	425-523C
	25 mm		425-525L	425-525R	425-525C
	27 mm		425-527L	425-527R	425-527C

CLASS III APPLIANCE

DESCRIPTION	SIZE	COLOR CODE	SINGLE (UNIVERSAL L/R)	SET
Motion 3D Class III Appliance 	16 mm		424-416	424-416C
	18 mm		424-418	424-418C
	20 mm		424-420	424-420C
	23 mm		424-423	424-423C
	25 mm		424-425	424-425C
	27 mm		424-427	424-427C
	29 mm		424-429	424-429C
	31 mm		424-431	424-431C

KITS	CLASS II SILVER	CLASS II CLEAR	CLASS III
Motion 3D Trial Kit (1 set of each 23, 25, 27 mm)	424-900CN	424-800C	424-407C
Motion 3D Intro Kit (1 set of each 16, 18, 20, 23, 25, 27 mm)	424-901CN	424-801C	424-408C
Motion 3D Standard Kit (20 sets)	424-902CN	424-802C	-
Kit Includes:	2 sets of 16 mm 2 sets of 20 mm 3 sets of 18 mm 3 sets of 28 mm 4 sets of 27 mm 6 sets of 25 mm		

TYPODONTS & MODELS	CLASS II SILVER	CLASS II CLEAR	CLASS III
Motion 3D Class II Typodont with Clear Aligner	631-017DNE	631-017CNE	631-033DNE
Motion 3D Clear Class II 5x Model	631-424X	631-424CX	631-433X
Typodont with Motion 3D Clear Class II and Metal Class II with Aligner	631-017CMNE		-
Typodont Motion 3D Class III Maloccluded with Clear Aligner	-		631-034DNE
Motion 3D Palette with Display Box	631-021		

ACCESSORIES	ITEM NO.
Motion Elastics - Force 1, 1/4," 6 oz. (50 packs of 100 elastics)	424-9F1
Motion 3D Clear Elastics - Force 1, 1/4," 6 oz. (50 packs of 100 elastics)	424-8F1
Motion Elastics - Force 2, 3/16," 8 oz. (50 packs of 100 elastics)	424-9F2
Motion 3D Clear Elastics - Force 2, 3/16," 8 oz. (50 packs of 100 elastics)	424-8F2
Motion 3D Storage Tray (1/pk)	CDA-TRAY
Essix, A+ .040 (100/pk)	617-4402
Motion 3D Sidekick Bondable Hook (10/pk)	430-003
Motion Placement Instrument	201-507

COLOR CODE

 White
  Blue
  Pink
  Yellow
  Red
  Green

* The Motion 3D Class II Appliance (Silver) is available in an extended array of sizes (12 mm - 34 mm). Please ask your Henry Schein Orthodontics representative for more information.

Carriere Motion 3D Sidekick Bondable Hook



Engineered to partner seamlessly with Motion 3D Appliances, the Motion 3D Sidekick™ Bondable Hook further simplifies the SAGITTAL FIRST Philosophy. The Sidekick Hook bonds to the first or second molar with its hook orientated along the same vector as the hook of the Motion 3D Appliance when the patient's mouth is closed. This placement facilitates easy engagement and superior performance of the Force 1 and Force 2 intraoral elastics.

Item Number: 430-003, 10/pack

Increased surface area using pylon geometry on bonding base (similar to Aria™ Brackets) for proven superior bond strength

Micro-etched base for enhanced bond strength

One-piece MIM manufacturing process for exceptional strength

Pull extraction access eyelet for versatility during orthodontic treatment

Adhesive Guard Rails for easier flash clean up

Chamfered edges for easy debonding from any angle

Ideal hook shape for easy double Force 2 elastics attachment, if needed

Smooth contours for enhanced patient comfort

Low profile for enhanced patient comfort



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