

Focus on Functional Appliances

3M Unitek
(800) 423-4588
3MUnitek.com

Align Technology
(408) 470-1000
invisalign.com

American Orthodontics
(800) 558-7687
americanortho.com

AOA
(800) 262-5221
aoalab.com

Product Name	Forsus™ Fatigue Resistant Device	Invisalign	HTH Telescoping Herbst	AdvanSync2 Custom
				
What malocclusion does it treat?	Class II	Class I and Class II	Class II	Class II
Does it require impressions?	No	Yes	No	Yes
Does it require lab fabrication?	No	Yes	No	Yes
For use before, after, or with braces?	With	As an alternative to braces	With	With
Fixed or removable?	Fixed	Removable	Fixed	Fixed
Does it require adjustment after placement?	Yes	Varies depending on case	Yes	Yes
Is it a noncompliance appliance?	Yes	No	Yes	Yes
Suggested treatment time	Determined by the type and severity of the case	Typical treatment is 12 months.	6 to 9 months	6 to 12 months, depending on malocclusion and treatment philosophy
Orthodontist's cost per case	Call for pricing	Varies by product type	Call for details	Ranges, depending on custom accessories
Special features	Features of this “out of the box” appliance that can be installed in one appointment include: independent left and right components, unique coaxial spring design, two attachment module options, telescoping spring, and comfortable stainless-steel mechanism.	Optimized Rotation Attachment for bicuspid, Power Ridge and Lingual Power Ridges, precision cuts	One-piece design for easy application. Ball and socket design provides unrestricted movement for better patient comfort. Low profile for increased patient acceptance and comfort. Telescoping mechanism will not disengage like traditional Herbst, reducing emergency appointments.	AS2 features a small, aesthetic CLII appliance. This latest version has enhancements that include MIM manufacturing technology, larger lumen size and reshaping, dual upper casing, and a Spiral Lock casing.

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Aqualizer by
Jumar Corp
(800) 453-7863
aqualizer.com

Comfort Solutions Inc
(604) 532-2078
comfordsolutions.ca

Dentaurum
(800) 523-3946
dentaurum.com

Distar
(800) 477-6673
distar.com

Product Name	Aqualizer	Comfort Caps	SUS2 Chairside Class II Corrector	Adjustable TheraSnore
				
What malocclusion does it treat?	All	None	Class II	Class II, obstructive sleep apnea
Does it require impressions?	No	No	No	No
Does it require lab fabrication?	No	No	No	No
For use before, after, or with braces?	With	With	With	After
Fixed or removable?	Removable	Removable	Fixed	Removable
Does it require adjustment after placement?	No	No	Yes	Yes
Is it a noncompliance appliance?	No	No	Yes	N/A
Suggested treatment time	A few days to a week or so	2 weeks	6 to 9 months, depending on case	N/A
Orthodontist's cost per case	\$50	\$2.50	\$89	\$99.50
Special features	Automatic bite correction for pain relief, differential diagnosis, and bite registration	The soft caps are designed from mouthguard material for the Crossbow™ appliance, Forsus™ EZ Module (Forsus™ Fatigue Resistant Device from 3M Unitek) Herbst screws, ceramic or metal Brackets, HTH appliance, TP Flip Lock appliance, Mara appliance, and Transpalatal arches. The protective caps bring relief and healing to intraoral ulcers caused by impinging appliances, provide comfort to patients who play musical instruments, and protect incisal edges that occlude against ceramic brackets.	Internal spring, one size fits all, locks on lower archwire for fewer bracket debonding issues, low cost, and low inventory	TheraSnore benefits patients with mild to moderate obstructive sleep apnea and snoring, and will not cause any TMJ or TMD issues. It is great for patients who will not tolerate CPAP and can be fit chairside in 30 to 45 minutes. It is adjustable in 1.5-mm increments and available in three different arch sizes.

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DynaFlex
(800) 489-4020
dynaflex.com

Forestadent USA
(800) 721-4940
forestadentusa.com

Great Lakes
Orthodontics Ltd
(800) 828-7626
greatlakesortho.com

Johns Dental
Laboratories
(800) 457-0504
johnsdental.com

Product Name	Hanks Telescoping Herbst (HTH)	Easy Fit Jumper	Xbow™ Higgins Crossbow Class II Corrector	Star Appliance
				
What malocclusion does it treat?	Class II	Class II	Class II in children and adolescents	Anterior crowding
Does it require impressions?	Yes	No	Yes	Yes
Does it require lab fabrication?	Yes	No	Yes	Yes
For use before, after, or with braces?	With	With	Before	After
Fixed or removable?	Fixed	Fixed	Fixed	Removable
Does it require adjustment after placement?	Yes	Yes	Yes	No
Is it a noncompliance appliance?	Yes	Yes	Yes	No
Suggested treatment time	6 to 12 months	Depends on the case	8 to 12 months depending on the patient	2 weeks per tray
Orthodontist's cost per case	\$250	Call for pricing	Approximately \$200+	Prices vary depending on how many trays are needed
Special features	The telescoping feature will not allow the rod and tube to become disengaged. Also, the unique ball joint allows for tremendous lateral excursion for the patient.	Can be applied in one chairside session with no additional lab work needed. All adjustments can be made in-house by the doctor.	Great for distalizing maxillary posterior segments. An alternative to the Herbst®. Kinder to the TMJ.	The Star appliance from Johns Dental is ideal for the aesthetic-conscious adult dentition patient.

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NorthStar
Orthodontics Inc
(800) 346-0011
northstarorthodontics.com

OPA Inc
(561) 901-0022
opainc.us

Ormco
(800) 854-1741
ormco.com

Ortho Organizers
(800) 547-2000
orthoorganizers.com

Product Name	Bionator I	Orthopedic Pressure Appliance	AdvanSync 2 Kit	Twin Force Bite Corrector Device
				
What malocclusion does it treat?	Class II skeletal cases that require bite opening	Class II overbite	Class II	Class II and Class III
Does it require impressions?	Yes	No	No	No
Does it require lab fabrication?	Yes	No	No	No
For use before, after, or with braces?	Before and with braces	With	With	With
Fixed or removable?	Removable	Removable	Fixed	Fixed
Does it require adjustment after placement?	No	No	Yes	No
Is it a noncompliance appliance?	No	No	Yes	Yes
Suggested treatment time	Varies depending on the stage of growth of the patient	6 to 12 months	6 to 12 months, on average	2 to 6 months
Orthodontist's cost per case	\$132.25	\$50	Contact company for pricing	Call for more information
Special features	Proper interproximal trimming provides tooth-eruption guidance.	Used with a high pull headgear.	Mechanism features radiused corners and electro-polished internal sleeves for smooth operation. Lumens have been enlarged with radiused internal edges for greater lateral movement. Machine-injected molded technology provides superior strength to the device. New Spiralock housing assures screws do not back out. Upper and lower dual-hole casings increase versatility of appliance uses.	Very comfortable. Two sizes to choose from. Needs only one appointment. Direct-to-archwire installation. Installs in just a few minutes.

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Ortho-Tain
(800) 541-6612
orthotain.com

PAR Orthodontic Lab
(800) 237-8647
parortholab.com

Space Maintainers
Laboratory, part of
Appliance Therapy Group
(800) 423-3270
appliancetherapy.com

TP Orthodontics Inc
(800) 348-8856
tportho.com

Product Name	Softie	Bionator	MemRx Appliances	Flip-Lock® HERBST®
				
What malocclusion does it treat?	Class II deep bite	Designed to achieve bite opening and correct anterior/posterior discrepancies	All	Class II
Does it require impressions?	No	Yes	Yes	Yes
Does it require lab fabrication?	No	Yes	Yes	Yes
For use before, after, or with braces?	Before	Before	With	Before and with braces
Fixed or removable?	Removable	Removable	Fixed	Fixed
Does it require adjustment after placement?	No	Yes	Yes	Yes
Is it a noncompliance appliance?	No	No	Yes	Yes
Suggested treatment time	2 to 4 months	9 months	Ranges, depending on severity of malocclusion	Up to 12 months
Orthodontist's cost per case	\$55.50	Starting at \$84	\$150 to \$275	Price upon request
Special features	No Adjustments. Mandibular advancement. Corrects overjet. Reduces overbite.	Expansion of both arches may be achieved with an optional expansion screw for additional orthodontic correction. Sagittal expansion screws may be added for arch lengthening.	Memory Technology incorporates special memory spring-loaded expansion screws along nickel titanium coil springs that are compressed with the unique Inman Power Component. The doctor can expand arches, distalize molars and bicuspid, or move incisors anteriorly. In some cases, the movements can be combined into one appliance, eliminating the need for multiple appliances.	Each Flip-Lock HERBST is laser-welded to reduce breakage and can be customized for individual cases, shortening treatment time by as much as 6 months. The product also incorporates a Flip-Lock mechanism that eliminates pins, screws, and springs to facilitate activation.