





Twin Force® Bite Corrector Device, Double Lock

A Comparison with *Forsus*™

	Twin Force Bite Corrector Device, Double Lock	Forsus Fatigue Resistant Device E22 Module
Profile		
Class II Usage	Yes	Yes
Class III Usage	Simply reverse from upper cuspid to lower molar	Not specifically designed for Class III. This adaptation requires a lip bumper tube on lower first molar
Inventory Requirements	Minimum: Two self-contained <i>Twin Force</i> Springs, small and standard. Appliance is bi-directional, so there is no confusion about which goes on the left or right, or which end attaches in the molar region or cuspid region	Many components: Left spring assembly, right spring assembly, left push rod, right push rod, and universal split crimps
Sizes	Two	Six
Placement Procedures	Two Steps: 1. Measure and choose size 2. Clamp and tighten to wire	Appliance must be assembled in the mouth using several steps
Band Requirements	No molar bands required, allowing direct bond of molars	Molar bands required
Buccal Tube Requirements	No special buccal tube required. Doctor can use their preferred buccal tubes	Doctor must select an occlusal headgear tube.
Activation and Reactivation	There is no need to activate or reactivate the appliance. Dual cylinders containing nickel titanium coil springs provide over 400 g of continuous force for 1-2 mm of movement per month	Reactivation is required to maintain force levels and facilitate continued advancement
Archwire Requirements	Requires .019" x .025" stainless steel archwire as a minimum size when using .022" slot brackets and .017" x .025" stainless steel archwire when using .018" slot brackets, with cinch-back wire bends	Requires .017" x .025" or .019" x .025" archwire, depending on slot size, with cinch-back wire bends
Method of Archwire Attachment	<i>Twin Force</i> Devices fit firmly onto the archwire without removal of the wire and lock into place. They do not slide on the wire and will not debond any brackets	Wraps loosely around the wire and is braced by the cuspid bracket, sometimes debonding the cuspid bracket
Patient Comfort: Mandibular Movement	Maximum lateral, mandibular movement	Sufficient lateral, mandibular movement. If patient opens his/her mouth too widely, it may separate or loosen a molar band.
Patient Comfort: Tissue Interaction	There are no exposed springs to puff and chafe the cheek or gather debris	The large, exposed coil spring can chafe the cheek and gather debris. Springs may also be compressed creating some trauma.
Lab Requirements	No lab work required	No lab work required
Staff Training Required	Your staff can be quickly trained on placement of the appliance	System requires extensive, detailed training; a course is recommended
Ligation and Anchorage	Chain elastics and figure 8 ties are sufficient	Chain elastics and figure 8 ties are sufficient
Installation Time	6-7 minutes*	12-15 minutes*
Removal Time	2-3 minutes*	4-5 minutes*

Call Ortho Organizers at 888.851.0533 or 760.448.8600 for more information.

*Time based on average clinical experience. Time may vary per clinician.



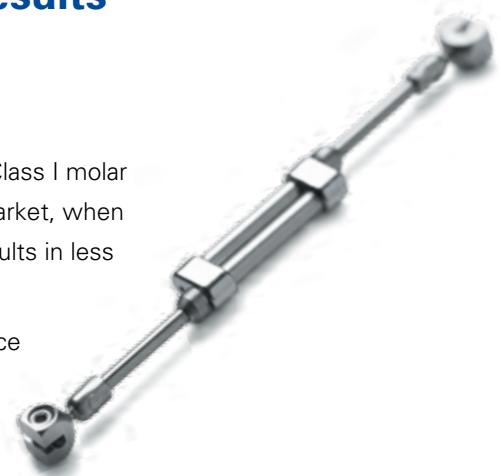
Strength and Durability for Consistent Results

Twin Force Bite Corrector Device, Double Lock

Revolutionary Orthodontic Intraoral Device for the Correction of Class II and Class III Dental Occlusion

Even your most non-compliant patients can make the transition to an ideal Class I molar relationship faster, and with less discomfort than any other device on the market, when wearing the *Twin Force* Bite Corrector Device, Double Lock. Get greater results in less time, plus these added benefits:

- Easy to use – every placement and removal of this single-piece appliance can be done chair side in just seconds
- Direct to wire installation – fits firmly onto the archwire, without removal, and locks into place; no head gear tube required
- “Out of the box” installation – only one installation appointment necessary
- Universal orientation – appliance is bi-directional, eliminating placement confusion
- No patient cooperation required – maximum results with minimal patient cooperation
- Only two sizes – small and standard, easy to manage inventory



Class II “A” Measurement =

Distal edge of the lower cuspid bracket to the mesial end of the upper 1st molar tube (Figure 1).

Class III “A” Measurement =

Distal edge of the upper cuspid bracket to the mesial end of the lower 1st molar tube (Figure 2).

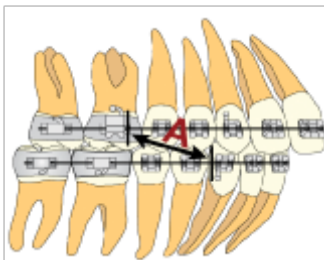


Figure 1.

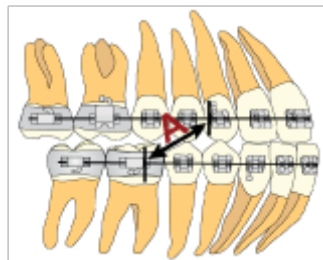


Figure 2.

“A” MEASUREMENT FOR DOUBLE LOCK		
MINIMUM (mm)	MAXIMUM (mm)	ORDER PART NUMBER
23	32	424-216Ti
27	36	424-215Ti

Published Articles on the *Twin Force* Bite Corrector Device:

Chhibber, A., Upadhyay, M., Uribe, F., Nanda, R. Long-Term Stability of Class II Correction with the *Twin Force* Bite Corrector. *Journal of Clinical Orthodontics*, 44(6): 1-14, 2010

Davoody, A., Feldman, J., Uribe, F., Nanda, R. Non-extraction Treatment and Mandibular Molar Protraction with the Use of *Twin Force* Bite Corrector in a Class II Patient. *Journal of Clinical Orthodontics*. VOLUME 45: NUMBER 04: PAGES (223-228) 2011

Rothenberg, J., Campbell, E.S., and Nanda, R. Class II correction with the *Twin Force* Bite Corrector. *Journal Clinical Orthodontics* 38: 232-240, 2004.

For more information, visit TwinForceBiteCorrector.com.



Subscribe to our eNews: OrthoOrganizers.com/eNews

For more information on our products, orthodontic laboratory services, and educational offerings, please contact us:

Customer Service: 888.851.0533

In the U.S.: 800.547.2000

Outside the U.S.: +(1) 760 448 8600

Canada: CERUM 800.661.9567

To fax an order: 800.888.7244

To fax an order outside the U.S.: +(1) 760 448 8607

To email an order: USASales@OrthoOrganizers.com

To email an order outside the U.S.: IntlOrders@OrthoOrganizers.com

Ortho Organizers prescription does not imply endorsement by the doctor(s). Trademarks are owned by their respective companies. © 2013 Ortho Organizers, Inc. All rights reserved. PN 999-259 08 /13

