




# Twin Force® Bite Corrector Device, Double Lock

A Comparison with *Forsus*™

|   | <i>Twin Force</i> Bite Corrector Device, Double Lock   | <i>Forsus</i> Fatigue Resistant Device EZ2 Module   |
|---|--|---|
| <b>Profile</b>                              |   |                                      |
| <b>Class II Usage</b>                       | Yes  | Yes   |
| <b>Class III Usage</b>                      | 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                |
| <b>Inventory Requirements</b>               | 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 |
| <b>Sizes</b>                                | Two  | Five  |
| <b>Placement Procedures</b>                 | Two Steps:<br>1. Measure and choose size<br>2. Clamp and tighten to wire   | Appliance must be assembled in the mouth using several steps  |
| <b>Band Requirements</b>                    | No molar bands required, allowing direct bond of molars  | Molar bands required  |
| <b>Buccal Tube Requirements</b>             | No special buccal tube required. Doctor can use their preferred buccal tubes   | Doctor must select an occlusal headgear tubes   |
| <b>Activation and Reactivation</b>          | There is no need to activate or reactivate the appliance. Dual cylinders containing nickel titanium coil springs provide over 200 g of continuous force for 1-2 mm of movement per month   | Reactivation is required to maintain force levels and facilitate continued advancement                                  |
| <b>Archwire Requirements</b>                | Requires .019" x .025" stainless steel archwire as a minimum size when using .022" slot brackets and .018" x .022" or .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                    |
| <b>Method of Archwire Attachment</b>        | <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               |
| <b>Patient Comfort: Mandibular Movement</b> | Maximum lateral, mandibular movement   | Sufficient lateral, mandibular movement   |
| <b>Patient Comfort: Tissue Interaction</b>  | 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  |
| <b>Lab Requirements</b>                     | No lab work required   | No lab work required  |
| <b>Staff Training Required</b>              | Your staff can be quickly trained over lunch on placement of the appliance   | System requires extensive, detailed training; a course is recommended   |
| <b>Ligation and Anchorage</b>               | Chain elastics and figure 8 ties are sufficient  | Chain elastics and figure 8 ties are sufficient   |
| <b>Appointment</b>                          | Needs only one appointment   | Requires at least two appointments  |
| <b>Installation Time</b>                    | 6-7 minutes  | 12-15 minutes   |
| <b>Removal Time</b>                         | 2-3 minutes  | 4-5 minutes   |

Call *Ortho Organizers* at 888.851.0533 or 760.448.8600 for more information.

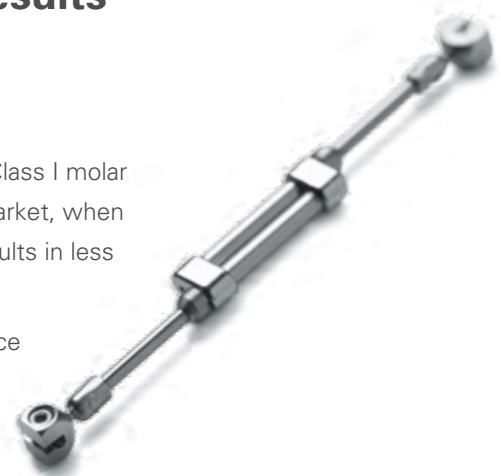
# Strength and Durability for Consistent Results

## 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 1<sup>st</sup> molar tube (Figure 1).

### Class III “A” Measurement =

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

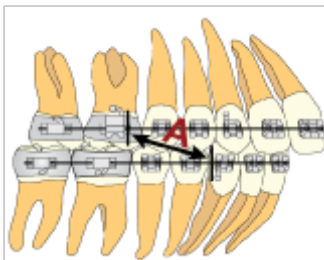


Figure 1.

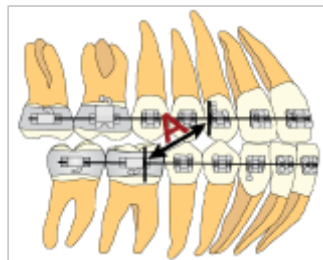


Figure 2.

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

### Publications on the *Twin Force* Bite Corrector Devices:

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, ES 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](http://TwinForceBiteCorrector.com).



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