

# TWIN FORCE™ BITE CORRECTOR

## Placement Instructions

For Use With Part Numbers: 424-215 & 424-216.



"Advancing the Future of Orthodontics"

1.800.547.2000

### DOUBLE LOCK VERSION

#### Determine the appropriate size for the patient.

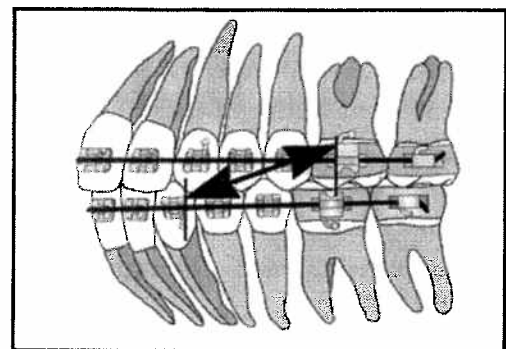
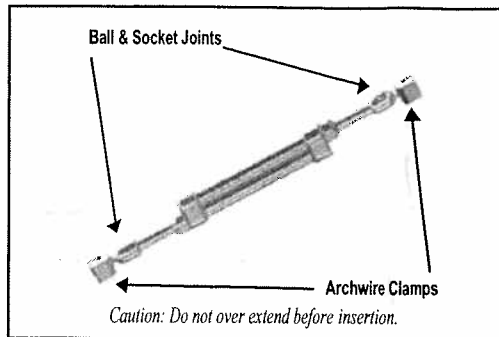
Two versions of the DOUBLE Twin Force Bite Corrector are offered. The standard version 424-215, and small version 424-216. Listed below is a simple method for measuring to determine which size to use:

1. Have the patient bite down.
2. Measure from the distal edge of the lower cuspid bracket to the mesial end of the upper molar tube.
3. If the measurement is 27mm or greater, order the 424-215 standard version.

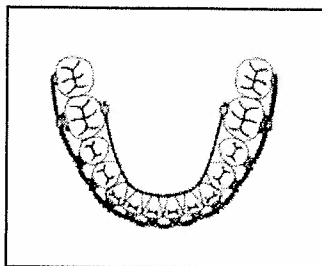
If the measurement is less than 27mm, order the 424-216 small version.

#### Diagnose patient; facially, skeletally, dentally and functionally (condylar position).

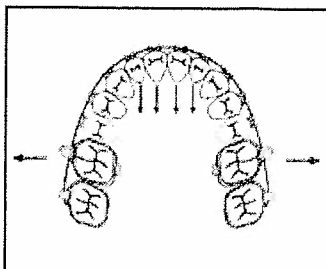
1. Begin with a fully pre-programmed appliance like Ortho Organizer's Elite Opti-MIM®.
2. Align maxillary dentition to be normal as it relates to the maxilla.
3. Align mandibular dentition to be normal as it relates to the mandible.
4. Lower arch should be flat, bite sufficiently open; a lower lingual arch is recommended.



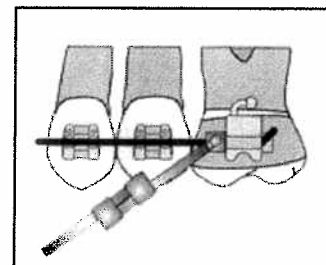
**Step 1.** Place lower fixed lingual arch. Place lower rectangular arch with lingual crown torque of the incisors. Cinch back the archwire and/or chain elastic molar to molar to prevent spacing in the arch. Tie in cuspids with wire ligature ties.



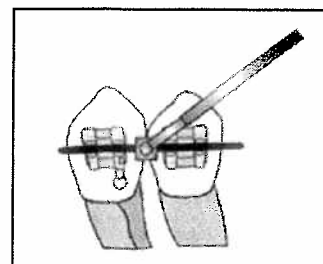
**Step 2.** Band maxillary first molars with convertible buccal tubes. Optional: place lingual sheath on molar band, as these can be used later if transpalatal bar or rotator is required for expansion or constriction). Place rectangular wire with bite opening curve, and molar expansion cinch back or power chain. Tie-in cuspids with wire ligature ties.



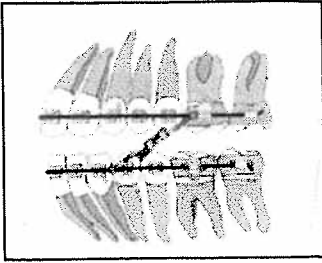
**Step 3.** Place arch wire clamp mesial to the facebow tube and tighten allen screw with Twin Force wrench. A large size rectangular stainless steel archwire is required for stability.



**Step 4.** Place arch wire clamp distal to the cuspid bracket on lower arch, and tighten allen screw with Twin Force wrench. A large size rectangular archwire is required for stability.



**Step 5.** Check patient with mouth open and closed, check lateral movement. Check to see if patient is biting on the appliance, adjust if necessary. A soft diet is recommended for the first 2-3 days, and a prophylactic such as Acetaminophen or Ibuprofen for discomfort.

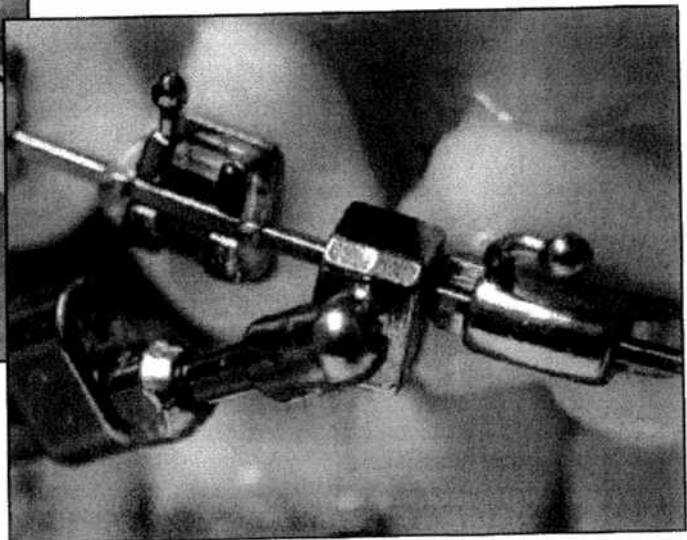
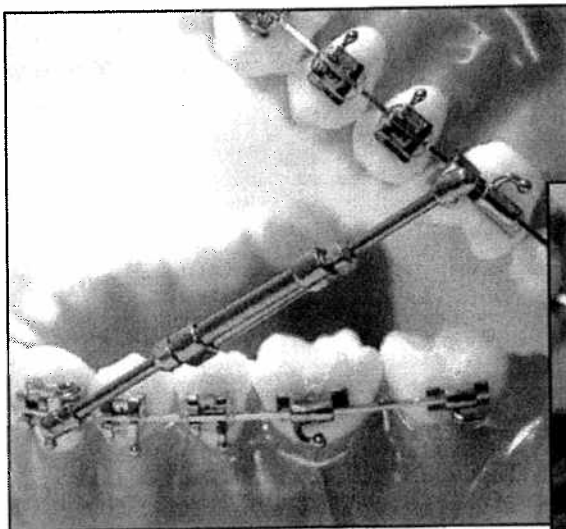


**Maintenance:**

1. See patient in 1 week, then once a month, minimum.
2. Avoid spacing as the maxillary arch moves distal, and the mandibular arch moves mesial (reverse for class III).
3. Expect approximately 1 to 2mm's of movement per month, in late mixed dentition or early adult. Most movement is orthodontic, but there is usually 0-2mm of orthopedic changes.
4. Figure eight wire tie for maximum anchorage.

**Retention:**

Use box or vertical elastics to help establish a good buccal occlusion to maintain lower arch stability.



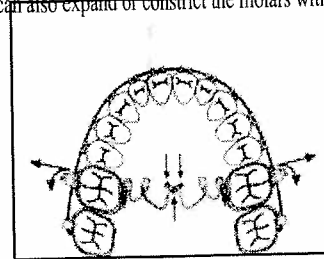
**Tips:**

1. A rectangular stainless steel archwire is recommended for both arches for control. (Minimum .016x.022 for .018 archwire slots and .017x.025 for .022 archwire slots.)
2. Figure eight tie the 5x5 for increased control if needed (ligature wire .010 or .012).
3. Use the Twin Force until the anteriors are edge to edge and remove, (you will realize 1-2mm relapse).
4. Locks may be rotated to face gingival or occlusal, which ever is easier.
5. Use cold sterilization only for Twin Force Bite Corrector Wrench(s).

Visit our website for Frequently Asked Questions ([www.orthoorganizers.com](http://www.orthoorganizers.com)).

**Molar Rotation or Transpalatal Bar:**

To maintain maxillary molar relationship, use our molar rotator or a transpalatal bar. You can also expand or constrict the molars with the molar rotator.



**DOUBLE  
LOCK  
VERSION**

AVAILABLE FROM



1.800.547.2000  
760.471.0206

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