

At TP Orthodontics, we never stop looking for a better way to do things. Orthodontists around the world choose TPO brands because they provide innovative orthodontic solutions that no other manufacturer can match.

Our engineers understand the difference between what works in the lab and what really works in your practice. This means that not a single product is released into the market until we know it will perform to your highest expectations.

We believe in developing products that make your treatment more effective and your patients happier. Our dedicated customer service personnel are standing by to assist you. When you choose TPO as your orthodontic partner, you get only the best for your practice.

**ONLY THE BEST
FOR YOUR PRACTICE**

ONLY FROM TP ORTHODONTICS

**Order these and all TPO products
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Flip-Lock is a registered trademark of TP Orthodontics, Inc. and manufactured under US patent 5,620,321. HERBST is a registered trademark of Dentaaurum, Inc.

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FLIP-LOCK™ HERBST® APPLIANCE

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FLIP-LOCK™ HERBST® APPLIANCE

- Wide Range of Lateral Mandibular Movement
- Significantly Reduced Breakage
- No Screws or Pins
- Easy Activation in Seconds
- Improved Patient Comfort
- Shorter Office Visits for Appliance Adjustments
- Single Patient & Inventory Kits Available



FLIP-LOCK™ HERBST® APPLIANCE

The Flip-Lock HERBST reduces the flaws inherent in other mandibular advancement appliances.

TPO's Flip-Lock HERBST has several major advantages over any other design.



Flip-Lock with Cantilever



Flip-Lock without Cantilever

Wide Range of Lateral Mandibular Movement

Freedom of movement is one of the greatest improvements found in the Flip-Lock HERBST appliance. The simple ball-joint hinge design and the length of the tube/piston mechanism have been engineered to provide a range of lateral mandibular motion for the patient.

Significantly Reduced Breakage

To prevent the breakage experienced in other HERBST appliances, TP Orthodontics eliminated screws and pins, reduced the number of moving parts, and devised a ball-joint attachment mechanism for the Flip-Lock HERBST. The result has been significantly reduced breakage and a reduction in patient emergencies.

Easy Assembly

Both the piston and the sliding tube lock by hand onto ball-joints without using any special instruments.

Easy Activation in Seconds

Easy to fit, the Flip-Lock HERBST activates in seconds because of its patented locking mechanism. Mandibular growth is facilitated by the use of crimpable spacers. Regular office visits are shorter because you no longer need to remove tubes and pistons with each modification.

Two Flip-Lock Designs

Flip-Lock HERBST appliances are available with and without a cantilever. The cantilever design eliminates the need to band or crown mandibular bicuspids, and it can be used in conjunction with fixed appliances if desired.

One-Piece Cantilever and Ball

Cantilevers have a patented one-piece design that eliminates the need for welding. This saves fabrication time and provides resistance to breakage.

The flat cantilever design assures a sturdy weld to the mandibular molar band or crown.

This eliminates another area of concern for breakage.



Reduced Occlusal Interference

The unusually low profile and step-down shape of the cantilever is designed to improve patient comfort and reduce occlusal interference.

Horizontal Slot

The anterior ball hinge on the cantilever design is available with and without a horizontal slot. The slot allows for an archwire up to .022" x .028" to be inserted if desired. Using the ball hinge without a slot offers a lower profile height.



Cantilever anterior ball hinge with slot accepts wire up to .022" x .028"



Anterior ball hinge without slot is inset into cantilever for lower profile height.

Improved Patient Comfort

Simple in design, our Flip-Lock HERBST provides easy activation, extensive range of motion and free lateral mandibular movement for increased patient comfort. Its unique design ensures normal chewing, swallowing, speech and breathing — which, in turn, lead to better treatment compliance.

Convenient Kits and Laboratory Services

Flip-Lock HERBST appliances are available in Single-Patient Kits and fifteen Patient Inventory Kits. TP Orthodontics also offers a full range of laboratory services for custom-made appliances.

