

Designing a better foundation. One product. Two great options.

Mesh. A tradition of performance.

The superior Low-Friction design, fused with a proven 80 gauge woven mesh, gives the clinician the confidence and quality demanded of today's appliances.

ComfortZone^{HYBRID™}
LOW FRICTION
by Orthodontic Design and Production, Inc.

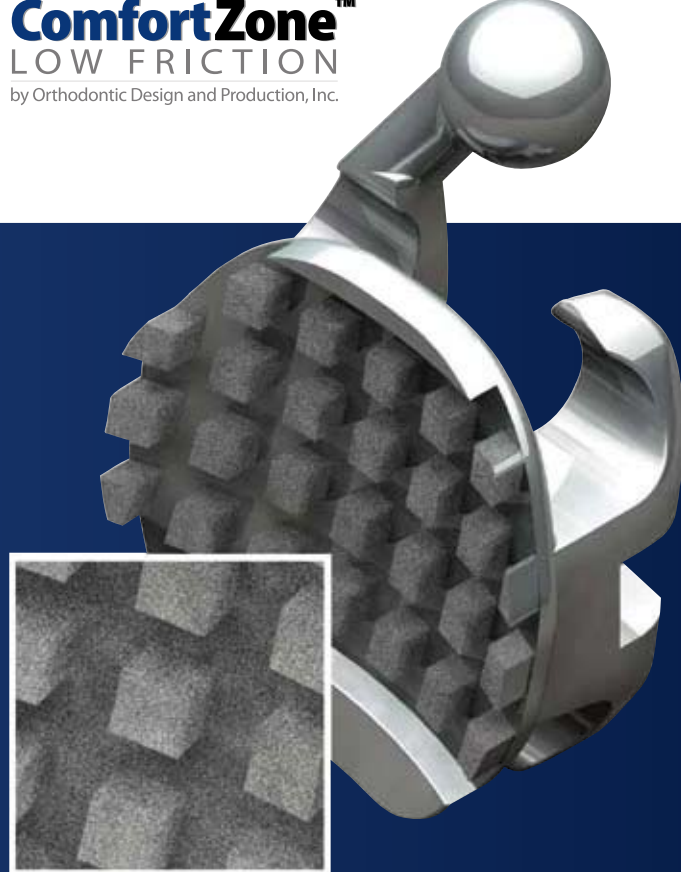
**Patent Pending*



Pylons. Advancing with technology.

New technologies work in harmony when the advanced Low-Friction design is combined with the state-of-the-art pylon base, providing enhanced bond strength for today's appliances.

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By inserting the mesh into the base, the clinician takes full advantage of the prescription engineered into the bracket. In conventional bracket systems, the pad and bracket are tack welded together. This method allows for placement inconsistencies that neutralized the values designed into the bracket, requiring more adjustments to achieve desired results.

Comfort Zone-HB's Low-Friction and traditional mesh assures confidence and reliability. The low profile design gives unparalleled patient comfort and acceptance.

- Technologically advanced design
- Retention equal to or greater than mesh bonding pads
- Pylons function like miniature anchors, embedded firmly into the adhesive
- EDM finish on all 5 pylon surfaces to maximize bracket retention
- Pylons are designed at an acute angle relative to the torque, generating geometric undercuts when bonded

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*Do more,
with less.*



Orthodontists asked for a practical, low-friction design. We were listening.

When inspired design meets perfect execution.

The Comfort Zone™ system offers the most unique low friction design available, while delivering an unbeatable combination of superior function and superb bonding. To find a distributor or to learn about our products, visit us on the web at www.odpinc.com.



Low Friction and Gentle Forces.

Friction, the nemesis of tooth movement, can substantially minimize the efficiency of bracket systems. The angled walls and floor of Comfort Zone's slot significantly reduces the binding and friction, associated with typical brackets and wires. Due to the gentle forces inherently generated, all treatment phases are accelerated.

Comfort Zone's inter-wing distance has been maximized by 80%, allowing for early torque capabilities utilizing the thermal activated nickel titanium wires.



How it works: Simple Ingenuity

The Principle of Least Effort

In 1906, Italian sociologist, economist and philosopher Vilfredo Pareto introduced the Principle of Least Effort, which is also known as the "80/20 Rule". In simplified terms, the principle states that eighty percent of the results in a situation are determined by twenty percent of the causes.

The Challenge. Do more, with less.

The Comfort Zone™ Low Friction bracket system is deliberately and specifically engineered to take maximum advantage of Pareto's principle.

By simply eliminating unnecessary contact surfaces, a full 80% reduction in contact between the wire and the slot has been achieved. The 20% that remains in contact is **allowed** to work at maximum efficiency while reducing friction and providing opportunities for early torquing¹.



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CHAMFERED SLOT
for easier wire insertion and added patient comfort
← SEE DETAILS UNDER FLAP

ANGLED HOOK
for patient comfort and improved hygiene

PERMANENT COLOR ENHANCED I.D. MARKS
for easy identification

TORQUE IN BASE
for level slot line up and improved finishing

EXPANDED TIE WING UNDERCUTS
for easy ligation

CENTER SCRIBE LINE
for more accurate bracket placement

COMPOUND CONTOUR BASE
for increased bond strength and precise bracket placement

FULL ROTATIONAL CONTROL
due to the twin design

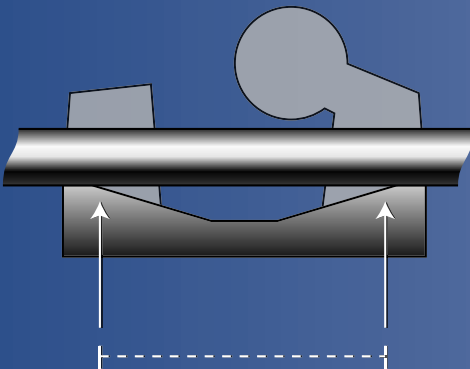
STATE-OF-THE-ART BASE DESIGN
for enhanced bond strength
SEE DETAILS ON BACK OF BROCHURE

RHOMBOID LOW PROFILE DESIGN
for patient comfort and secure bonding

17-4 GRADE STAINLESS STEEL
for greater strength

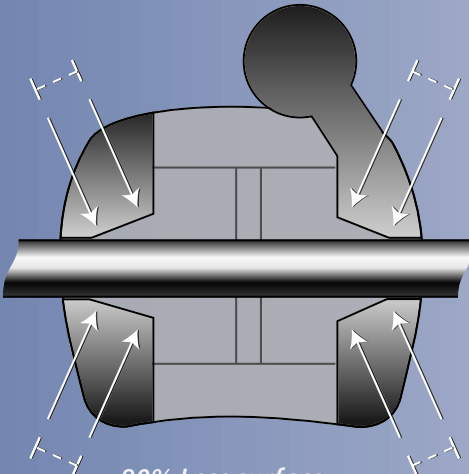
Look under the surface

ANGULATED SLOT BOTTOM



80% Less surface in contact with wire.

ANGULATED SLOT SIDES



80% Less surface in contact with wire.

¹ When utilizing super elastic thermal activated nickel titanium wires.

Results-Driven Success.

Experience uncompromising results while your patients enjoy the comfort of the most technologically advanced and aesthetically savvy system in orthodontics! The Comfort Zone's design features a "low-friction-slot" for superior sliding mechanics, and hooks that are inclined towards the tooth axis to improve elastic engagement and periodontal health. The dual tangency of the ball hook and contoured labial surfaces provide enhanced patient comfort. Comfort Zone's low-friction design is available in Roth, MBT and Standard Edgewise prescriptions to meet your treatment needs.

