

We interviewed 4000 teeth.



*The 3rd generation of Quick Brackets.
Optimal bond on any shape of tooth.*

BioQuick[®] Brackets

Patents: DE 44 34 209 A1 - EP 782414 B1 - US 7,255,557 B2 US 5,820,371

Four rounded contact ribs in the slot prevent binding and notching effects.

Rounded bracket and slot edges ensure high intraoral comfort and minimal friction.

Circumferential pad margin reduces adhesive overflow.

Auxiliary units can be easily and simply placed using a separate .016" x .016" auxiliary slot.

New snap function on the clip and bracket makes it easier to open the interactive clip from the gingival.

Patented hook-style undercuts on the bracket base guarantee a reliable bond.

Optimised, anatomically improved bracket adaptation prevents "rocking" of the bracket when it is pressed onto the tooth.

BioQuick®-Brackets

The 3rd generation of Quick Brackets Optimal bond on any shape of tooth.

Though nature created the buccal aspect of tooth crowns much more uniformly than the lingual aspect, one buccal aspect is not exactly the same as another. To ensure that Quick brackets conformed even better to these natural guidelines, the base of the 3rd generation was specifically orientated to the example of "Mother Nature". For this purpose thousands of teeth worldwide were examined, shapes analysed and the results transferred to the new bracket design. The result was a resounding success – BioQuick®. Enjoy treating patients using BioQuick® brackets!

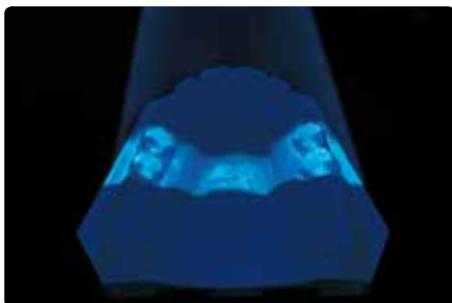
BioQuick® is an interactive, self-ligating metal bracket that particularly impresses because of

its easy, relaxed handling. It incorporates numerous advantages and its application is not only user-friendly but also highly effective.

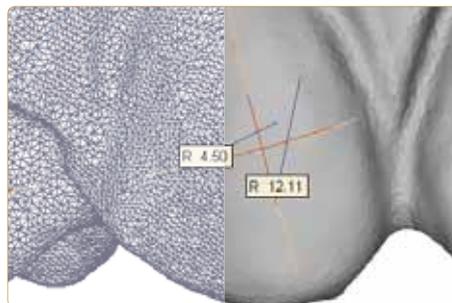
During the last few years, the engineers of FORESTADENT scanned around 4,000 teeth from all over the world using the 3D laser scan technique and examined their natural curvatures. Based on this study*, which was conceived in collaboration with Dr. Björn Ludwig, we have now successfully developed a new bracket base adapted to each biological situation. This anatomically contoured base adapts perfectly to the shape of the tooth crown and ensures reliable positioning of the bracket. Any "rocking" of the bracket when it is pressed onto the tooth is therefore preven-

ted from the outset. Further advantages are the angled shape of the BioQuick® brackets and their colour coding. A new circumferential pad margin also prevents any adhesive flowing into the locking mechanism.

Hook-style undercuts on the patented bracket base provide up to 30% greater bond strength than brackets with a mesh base. In addition, a significantly higher proportion of adhesive remains on the base and not on the tooth when debonding the bracket.



Data acquisition using a 3D laser scan.



The crown of each tooth is represented using approx. 5,000 – 10,000 data points. This method allows the curvature to be precisely ascertained.



Hook-style undercuts on the patented bracket base provide up to 30% greater bond strength.

Stable clip and easy opening from the gingival

The clip is opened gingivally using a probe. With the aid of the new snap function a notch on the pad margin guides the probe automatically to the clip, which has been extended more to the gingival aspect than in the Quick>>2.0® system.

Due to new designs and manufacturing procedures the BioQuick® clip is even more stable and is easier to open from the gingival aspect. The clip is closed in the standard way by applying gentle finger pressure.



To open the clip easily, slide the probe along at the pad margin until it engages in the notch.



The notch on the pad margin automatically guides the probe to the clip.



The clip can now be easily opened occlusally by applying light pressure.



We recommend supporting the thumbs on the incisal edges to control the force and movement for opening the clip.

The clip is interactive and provides more free space for archwires up to dimensions of .018" x .018" or .016" x .022" because of a support, in a similar way to passive brackets. The clip is active when larger archwires are used. If wires with the dimensions .018" x .025" (18 Slot) and .022" x .025" (22er Slot) are used, they will fill the slot.

Minimal friction ensure quick success

Well rounded bracket and slot edges as well as contact ribs in the bracket slot ensure controlled force transfer with minimal friction. BioQuick® brackets display their full potential particularly in clinical situations with pronounced vertical archwire deflection, e.g. in the case of displaced canines. Binding and notching, which often occurs with conventional brackets, is prevented by four ribs within the slot.



Four contact ribs in the bracket slot ensure controlled force transfer with minimal friction (no binding and notching).



Passive clip
up to .016" x .022" or .018" x .018"



Active clip
larger than .016" x .022" or .018" x .018"



Fully activated clip
with .018" x .025" (.018" slot)
or .022" x .025" (.022" slot)

As the archwire only rests on two contact points in this case, it has greater clearance and therefore ensures friction-free sliding. This in turn accelerates integration of the canines.

We recommend using thermoactive Bio-Archwires from FORESTADENT in order to maximise the friction-free characteristics of BioQuick® brackets. Their uniquely smooth surface reduces the friction between archwire and bracket by up to 30%, which ensures that the entire treatment is completed not only more gently but also more quickly.

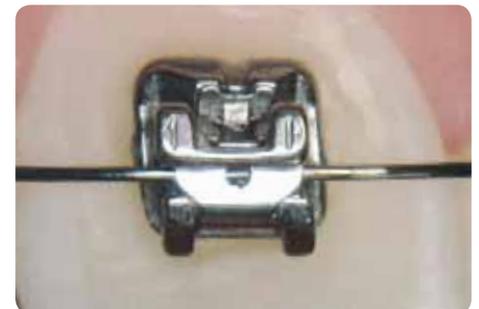


Photo: Practice Dres. Ludwig and Glasl, Traben-Trarbach.



Auxiliary units are easily and simply placed using the separate .016" x .016" auxiliary slot.
Photos: Practice Dres. Ludwig and Glasl, Traben-Trarbach

Numerous combination options

The additional slot (0.016" x 0.016") of the BioQuick® brackets considerably extends treatment options. The slot allows placement of diverse springs for uprighting molars, derotation and intrusion/extrusion. It also makes it possible to combine treatment with the OrthoEasy pin system.

Use in combination with QuicKlear® brackets, the aesthetic option from FORESTADENT, is also highly recommended. QuicKlear® brackets are currently available from 5 to 5 in the upper jaw and are an ideal complement to the new BioQuick® system because of their similar functioning principle and translucent appearance.



Combination with translucent QuicKlear® brackets provides an ideal complement to the BioQuick® system due to their similar functioning principle.

The new BioQuick® molar bracket provides much more free space

The molar bracket of the BioQuick® system offers enormous advantages when changing the archwire. The awkward threading of the archwire into standard molar tubes is no longer required. Distal bending of the archwire can now be completed extraorally. The design of the BioQuick® molar brackets is the same as that of the anterior BioQuick® brackets. The archwires are placed easily in the bracket slot when the clip is open and are ligated simply by pressing the clip. The orthodontist can choose between three options of the BioQuick® molar brackets: one with the unique hook-style base; one with a custom weld onto the unique Big Foot pad or a custom weld on a traditional molar band.



The clip of the BioQuick® molar bracket offers a significant advantage in comparison with closed round tubes.



Three versions of molar brackets: with familiar hook-style base, welded onto easily adaptable Big Foot adhesive pads or onto molar bands.

Ordering information

BioQuick® Starter Kits



Roth System*

Slot .018"		€€ 0297
5 cases	Order-No.	
without hook	707-1018	
with hook 3	707-1019	
with hook 3-5	707-1020	

Slot .022"		€€ 0297
5 cases	Order-No.	
without hook	707-1022	
with hook 3	707-1023	
with hook 3-5	707-1024	

McLaughlin/Bennett/Trevisi-System*

Slot .018"		€€ 0297
5 cases	Order-No.	
without hook	707-1025	
with hook 3	707-1026	
with hook 3-5	707-1027	

Slot .022"		€€ 0297
5 cases	Order-No.	
without hook	707-1028	
with hook 3	707-1029	
with hook 3-5	707-1030	

BioQuick® Refill Kits



Slot .018"		€€ 0297	
Cases	10	20	
without hook	707-5018	707-5518	
with hook 3	707-5019	707-5519	
with hook 3-5	707-5020	707-5520	

Slot .022"		€€ 0297	
Cases	10	20	
without hook	707-5022	707-5522	
with hook 3	707-5023	707-5523	
with hook 3-5	707-5024	707-5524	

Slot .018"		€€ 0297	
Cases	10	20	
without hook	707-5025	707-5525	
with hook 3	707-5026	707-5526	
with hook 3-5	707-5027	707-5527	

Slot .022"		€€ 0297	
Cases	10	20	
without hook	707-5028	707-5528	
with hook 3	707-5029	707-5529	
with hook 3-5	707-5030	707-5530	

*The Forestadent version of these prescriptions are not claimed to be a duplication of any other, nor does Forestadent imply that it is endorsed in any way by the doctor.

BioQuick® Cases

5 - 5

Roth System*

Slot .018" / 5 - 5						€€0297
Cases	1	5	10	20	50	
Brackets	20	100	200	400	1000	
without hook	706-0971	706-0972	706-0973	706-0974	706-0975	
with hook 3	706-0976	706-0977	706-0978	706-0979	706-0980	
with hook 3-5	706-0981	706-0982	706-0983	706-0984	706-0985	

Slot .022" / 5 - 5						€€0297
Cases	1	5	10	20	50	
Brackets	20	100	200	400	1000	
without hook	706-0986	706-0987	706-0988	706-0989	706-0990	
with hook 3	706-0991	706-0992	706-0993	706-0994	706-0995	
with hook 3-5	706-0996	706-0997	706-0998	706-0999	706-1000	

McLaughlin/Bennett/Trevisi-System*

Slot .018" / 5 - 5						€€0297
Cases	1	5	10	20	50	
Brackets	20	100	200	400	1000	
without hook	706-0837	706-0838	706-0839	706-0840	706-0841	
with hook 3	706-0842	706-0843	706-0844	706-0845	706-0846	
with hook 3-5	706-0847	706-0848	706-0849	706-0850	706-0851	

Slot .022" / 5 - 5						€€0297
Cases	1	5	10	20	50	
Brackets	20	100	200	400	1000	
without hook	706-0852	706-0853	706-0854	706-0855	706-0856	
with hook 3	706-0857	706-0858	706-0859	706-0860	706-0861	
with hook 3-5	706-0862	706-0863	706-0864	706-0865	706-0866	

6 - 6

Roth System*

Slot .018" / 6 - 6						€€0297
Cases	1	5	10	20	50	
Brackets	24	120	240	480	1200	
without hook	706X0971	706X0972	706X0973	706X0974	706X0975	
with hook 3	706X0976	706X0977	706X0978	706X0979	706X0980	
with hook 3-5	706X0981	706X0982	706X0983	706X0984	706X0985	

Slot .022" / 6 - 6						€€0297
Cases	1	5	10	20	50	
Brackets	24	120	240	480	1200	
without hook	706X0986	706X0987	706X0988	706X0989	706X0990	
with hook 3	706X0991	706X0992	706X0993	706X0994	706X0995	
with hook 3-5	706X0996	706X0997	706X0998	706X0999	706X1000	

McLaughlin/Bennett/Trevisi-System*

Slot .018" / 6 - 6						€€0297
Cases	1	5	10	20	50	
Brackets	24	120	240	480	1200	
without hook	706X0837	706X0838	706X0839	706X0840	706X0841	
with hook 3	706X0842	706X0843	706X0844	706X0845	706X0846	
with hook 3-5	706X0847	706X0848	706X0849	706X0850	706X0851	

Slot .022" / 6 - 6						€€0297
Cases	1	5	10	20	50	
Brackets	24	120	240	480	1200	
without hook	706X0852	706X0853	706X0854	706X0855	706X0856	
with hook 3	706X0857	706X0858	706X0859	706X0860	706X0861	
with hook 3-5	706X0862	706X0863	706X0864	706X0865	706X0866	

Also available as case sets for 7 - 7: When ordering use the same order numbers as with 6 - 6 and replace the "X" with a "V".

BioQuick® Universal Molar-Brackets

With hook-style base and hook.

Molar-Brackets

Upper / 6 - 7 (10 pcs/pack) €€0297

Slot	right	left
.018"	731-0713	730-0713
.022"	731-0711	730-0711

Torque -14° Rotation 12°

Lower / 6 - 7 (10 pcs/pack) €€0297

Slot	right	left
.018"	731-1713	730-1713
.022"	731-1711	730-1711

Torque -20° Rotation 2°



Also available on a pad and for welding onto bands!

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BioQuick® Accessories

Order No.		Content	Description
C501-1842 CE		1	Quick comfort probe double
760-0071 CE0297		50	Crimpable Stops

BioQuick® Accessories*

Order No.		Force	Content	Description
307-1009 CE0297		130g	10	Molar uprighting spring (.016" x .016" – Stiff) highly resistant, for the auxiliary slot of the Quick brackets
307-1051 CE0297		90g	5	Memory levelling spring (.016" x .016" – Stiff) for the auxiliary slot of the Quick brackets
307-1052 CE0297		130g	5	Memory intrusion, extrusion spring (.016" x .016" – Stiff) for the auxiliary slot of the Quick brackets
307-1050 CE0297		110g	5	Memory derotation spring (.016" x .016" – Stiff) for the auxiliary slot of the Quick brackets

*in Memory Stiff design

To order please call Bonarch Supply Canada Ltd.
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