



# Maximum aesthetics dynamic control easy open/close

AquaSL ceramic brackets combine the highest translucence with biomechanical control performance of interactive self-ligating brackets

## MATERIAL AND DESIGN



**Round hook**  
maximum patient comfort and safe sealing of elastics.

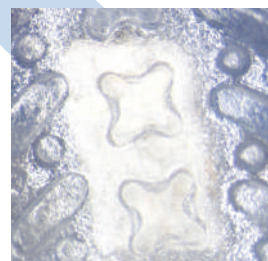
**Wings**  
large undercut to seal ligatures and accessories.

**Beveled slot**  
rounded mesial-distal edges to avoid notching and minimize binding.

**Made with CIM technology**  
(Ceramic Injection Molding) in translucent polycrystalline ceramics.

## RETENTION BASE

Mechanical retention for optimum bond strength of acrylic resin on the base and predictable debonding. Anatomical base curvature for a perfect adaptation to the tooth surface which minimizes the amount of compound employed ensuring a perfect seal.

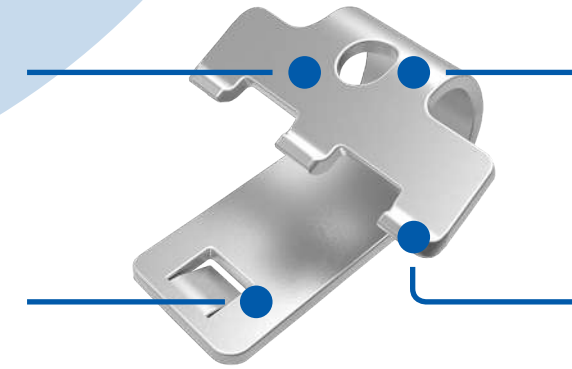


## NICKEL TITANIUM CLIP



**The clip large**  
as the mesio-distal slot width facilitates the insertion of archwires thus giving the highest biomechanical control.

**Opening and closing**  
reliable over time and elastic memory of the nickel titanium alloy guaranteed.



**Rhodium plated surface**  
reduces light reflection and ensures minimal visibility of brackets.

**Design**  
The clip is designed with 3 keeper notches on the anterior edge which permit a correct central closure for maximum stability during treatment.

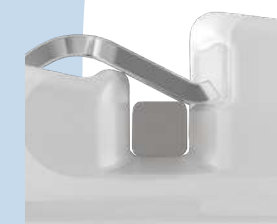
## BIOMECHANICAL DYNAMIC CONTROL

The special shape of the clip and the gradual interaction with the wire permit the calibration of friction in the different stages of treatment.

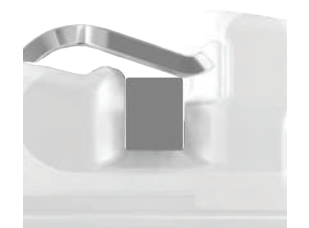
**Passive phase**  
Round archwires do not get in contact with the clip so they can slide inside the slot by facilitating the process of alignment and leveling.



**Interactive phase**  
Rectangular archwires used for space closure during control of rotation and torque, deform the metal clip elastically with a biomechanical gain control necessary for this stage of treatment.



**Active phase**  
Rectangular archwires for finishing and detailing fill completely the slot by going into active contact with the clip: that permits to take advantage of metal superelastic properties and gets the smallest movements for finishing of treatment.



## EASY OPEN/CLOSE

**Opening**  
Insert the tip of a probe or utility tool into the hole in the clip and exercise a movement towards the occlusal plane.



**Closing**  
Slide the clip with a slight pressure towards the gingiva using a pointed tool or even just a finger.