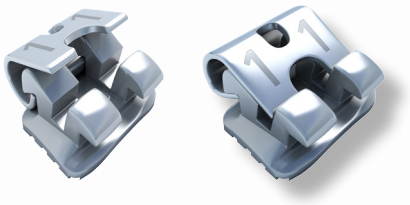
self-ligating VESTIBULAR

Performance • Proven results • Outstanding Control



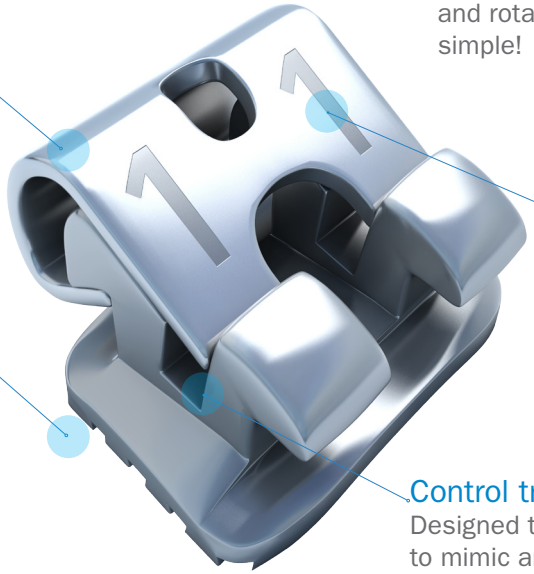
FLAIR SLT™

Discover... performance!

FLAIR SLT™ - More, than just self-ligating!

Secure & reliable sturdy clip
Clip performs every time - engineered to withstand the rigors of numerous wire changes. 50% more power than a new elastomeric ensures a safe and reliable archwire ligation.

Easy to open & close
No complicated instrument is required, simply rotate gingival to open and rotate incisal to close...its that simple!

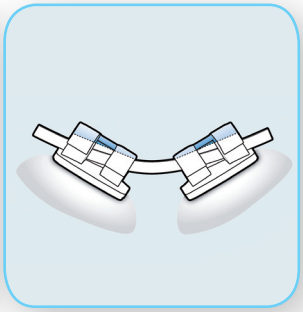


Precise, easy bonding
Crown shaped bracket base for easy direct bonding using 4 visual clues - reducing the margin of error in setting brackets.

Shorten treatment
Self-ligating clip is engaged even if the wire does not fill the slot - this early torque control and passive ligation shortens treatment time significantly...

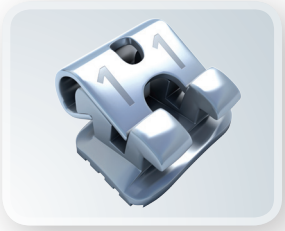
Control treatment
Designed to ride the wire, actively flexing to mimic an elastomeric without losing the strength needed to control treatment.

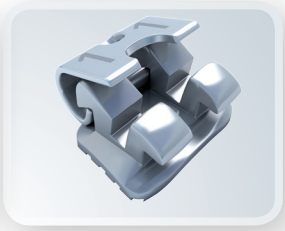
Non-locking Clip
The patented adenta FLAIR SLT™ clip flexes like an elastomeric ligature and therefore responds to the actual malocclusion without losing force, this reduces binding and prevents notching especially with highly rotated teeth.



adenta

The non-locking flexible ROTATIONAL SPRING CLIP





- The FLAIR™ self-ligating spring clip is engaged even if the wire does not fill the slot, this early torque control and passive ligation significantly shortens treatment time compared to conventional brackets.

- The FLAIR™ self-ligating spring produces an average of 650 grams of force when active, optimal force needed to control treatment.

- The FLAIR™ self-ligating spring clips flexes according to the malocclusion. As the spring clip constantly presses the archwire into the slot it ensures effective rotation and torque control allowing earlier archwire changes and less visit frequencies than with other conventional self-ligating systems.

- Sturdy clip withstands the rigors of numerous wire changes.

Easy to open, easy to close

- The FLAIR™ self-ligating clip is designed to work like a spring, very little force is needed to open and close the bracket, creating optimum handling for the doctor and comfort for the patient.

- Insert the opening instrument into the hole located on the top of the clip. Holding the opening instrument between your thumb and forefinger, make a small rotation of the instrument by rolling between your fingers.

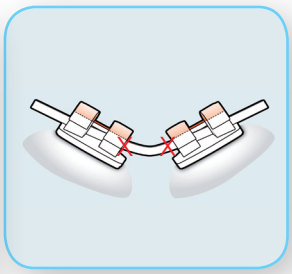
- Clip opens with rotation gingivally
- Less off-bites with overbites
- Easy to open even with plaque or food particle build up

Locking Clip

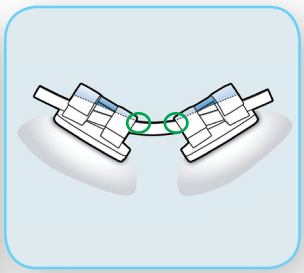
Conventional self-ligating brackets lock the wire into a slot with four rigid walls and therefore an increase in binding and notching is highly possible.

Non-locking Clip

The patented adenta FLAIR™ clip flexes like an elastomeric ligature and therefore responds to the actual malocclusion without losing force, this reduces binding and prevents notching especially with highly rotated teeth.



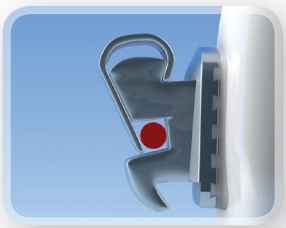
Competitors locking Clip



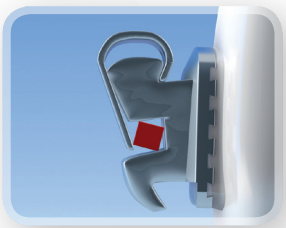
adenta non- locking Clip

Passive and active

It is passive with wires up to .018” producing nearly friction-less movement resulting in an efficiency increase in the leveling stage.

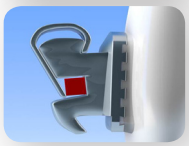


With wires larger than .016” the bracket actively but gently guides the wire into the slot, creating early torque control and increasing treatment time and efficiency.



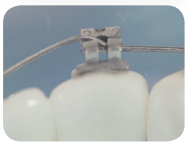
Unique Rotation Control

With highly rotated teeth, the interactive self-ligating clip flexes as the archwire presses against one side of the clip, gently rotating the tooth into its position by reducing at the same time binding and avoiding notching.



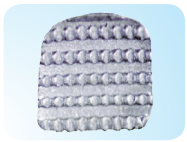
Early Torque Control

The adenta FLAIR™ self-ligating flexible clip provides stable torque by the application of constant pressure to a rectangular archwire by the spring clip, offering full and early torque control. Earlier finishing with wires .017”x.025” / .018”x.025”



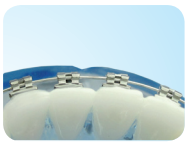
Built-in Over-Rotation Arch

No additional bracket bonding is necessary as the built in rotation arch of the adenta FLAIR™ self-ligating clip allows to directly over-rotate a tooth with a heat activated adenta Thermalloy archwire .012”.



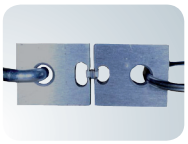
Patented Crown Base

The tooth shaped base for easy direct bonding and true 3D base coverture allows precise bonding by using the 4 visual cues of the bracket base, reducing the margin of error in setting brackets.



Ultra low IN/OUT

As a unique milled truly one-piece bracket the FLAIR SLT™ bracket is characterized by a remarkable proximity of the archwire to the point of force application, the center of resistance of the tooth.



Superior Bonding Strength

Micro-etched integral bonding base with mechanical undercuts for superior adhesive retention. Rated highest bond strength in clinical study. (S.K. Sharma-Sayal, University of Toronto, Ontario, Canada, 1999).

Outstanding oral hygiene

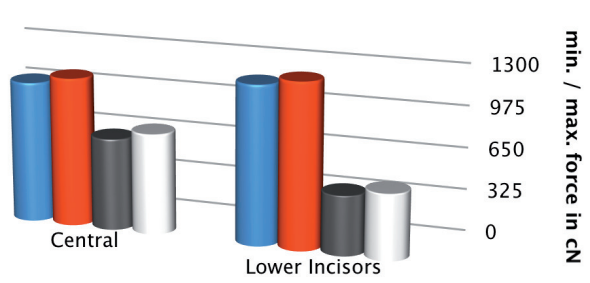
No hooks to accumulate plaque or overlap the marginal gingiva.

Patient satisfaction

A low profile and smooth surfaces as well as rounded clip edges provide enhanced patient comfort. Due to the truly flexible clip, earlier wire changes are possible which result in fewer appointments. In addition to elastomeric free treatment, longer appointment intervals and enhanced oral hygiene provide freedom to the patients.

* In the case hooks are needed, temporary crimpable hooks can be used.

Optimum Force



With an active force of approx. 650 cN/grams the adenta FLAIR™ self-ligating clip provides on average approx. 50% more power than a new elastomeric ensuring a safe and reliable archwire ligation.

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