adenta®

# PRODUCT CATALOG 2019

BRINGING
GERMAN ENGINEERING
TO ORTHODONTICS

# Welcome to Adenta
# inspired by orthodontists...engineered by Adenta

## LOVE STORY

Adenta´s Love Story…

…started with my grandfather Wolfram Schendell, who founded this company more than 70 years ago based just outside of Munich, Germany.

We started out specializing in medical and technical parts, and over the years these innovative and precise techniques have been past down from father to son and now from father to daughter. I strive to maintain the vision and morals my grandfather and father started out with - their ability to listen and learn from orthodontic innovators - their obsessive attention to precision and quality, and their ability to honor those in our community with secure, fruitful careers.

The task of letting the world enjoy these smart precise products lies in my hands - new catalogs are packed with fresh new ideas - user friendly websites have been developed for our customers' convenience and new distributors have joined the Adenta team, to help spread the word fast and efficiently around the world. I take great pride in knowing that 3 generations built this company and I strive to walk in the steps of those before me. We are Adenta, we as a family are:

BRINGING
GERMAN ENGINEERING
TO ORTHODONTICS

Julia Wenderhold Schendell

Claus Schendell
Owner & CEO

Julia Wenderhold-Schendell
Director of Sales & Marketing

# SERVICE MAP
## AT A GLANCE

SERVICE SOLUTIONS **designed for office** PROFITABILITY,
HAPPY **patients & corporate office design**

### HAPPY-CUSTOMER-SERVICE
Customer service is an attitude, not a department! Therefore, we all at Adenta work hard in any aspect to make our customers happy - because we love what you do! Contact us to find out what we can do for you, from product sourcing, quick delivery up to website design.

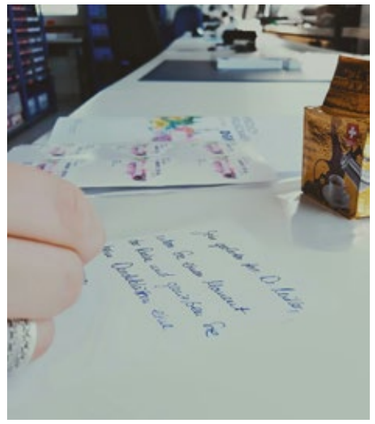
### FLEXIBLE IN-HOUSE PRODUCTION
ISO 13485 certified on-site production with sound technical support and high-quality materials just gives us the extra independence to focus on the different market needs. You just get that extra good feeling of a stable, reliable, and flexible manufacturing partner.

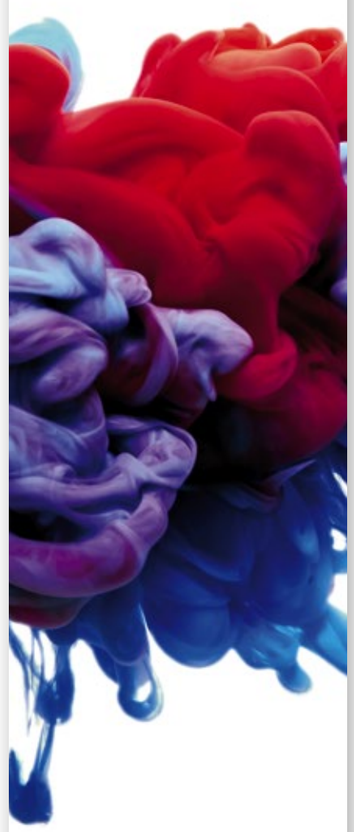
### BRACKET PRESCRIPTION CUSTOMIZATION
Choose from our wide range of prescriptions & techniques and combine any bracket and any bracket prescription based on your personal treatment philosophy - you will love your own style at no extra costs.

### INVENTORY ANALYSIS & MANAGEMENT FOR HIGHER OFFICE PROFITABILITY
Each office is unique and has individual product and service requirements. Use the Adenta inventory analysis service and flat rate pricing to save on every purchase, not only by quantities. By keeping your inventory at the ideal level for an efficient office workflow, you will save money and increase your cash flow for other investments!

### NEW OFFICE SERVICES
Opening your own office means to be a top manager. Use our New Office Guide to profit from checklists, small packages, flat rate pricing, and many more to focus on what you love.

### IDB DIGITALLY & MANUALLY FOR HIGHER OFFICE PROFITABILITY
Increase your working efficiency and treatment results with our indirect bonding services. Use our digital or manual set-ups for your patient conversations to increase compliance and to show each patient your individual approach.





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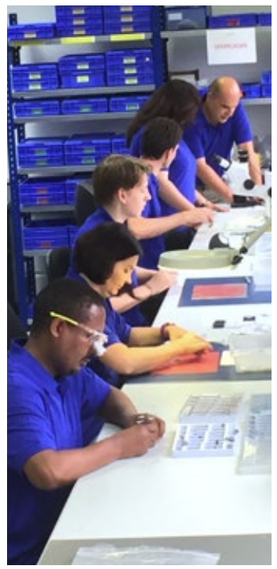


## ENVIRONMENTALLY FRIENDLY PACKING
Save money and help to save the environment with our multi-packs! All high-volume products, such as brackets and wires, are also available in larger quantity packs.

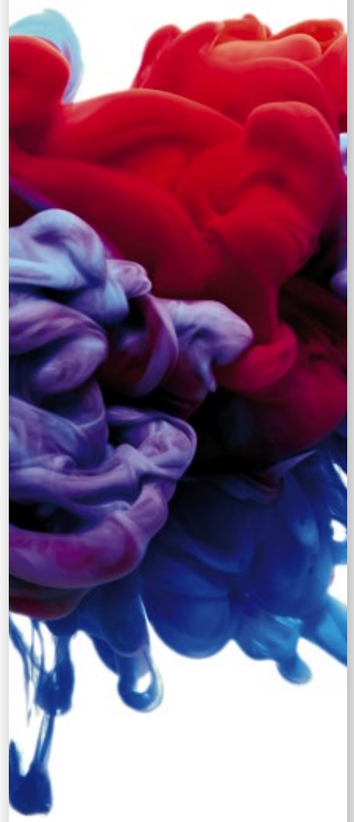
## ADENTA ACADEMY
This is the central place to view all Adenta videos, including product training, demonstrations, features, testimonials, and more. For you, your office, and your patients.

## INDIVIDUALIZED IN-OFFICE COURSES
Looking for true clinical education? Our clinical speakers offer practical LIVE-patient courses in their offices meeting your personal busy schedule and individual course requirements.

## PATIENT COMMUNICATION SUPPORT CENTER & ORTHODONTIC INTERIOR DESIGN SERVICE
Customize literature and promotional items with your logo and contact information or choose from our wide range of orthodontic pictures with patients and products to create your own posters and office decorations. Free of charge for Adenta customers!

## MERCHANDISING SERVICE FOR OFFICES
Make your office visible and stand out from the crowd - complement Adenta's retainer boxes or bracket relief wax to make your office logo visible. Choose from our wide range of merchandising products to give a THANK YOU to your patients and their families.

## SOCIAL MEDIA & WEBSITE SUPPORT
Approx. 80% of your patients search online for your office before they enter. Adenta supports each office individually with online and social media content.



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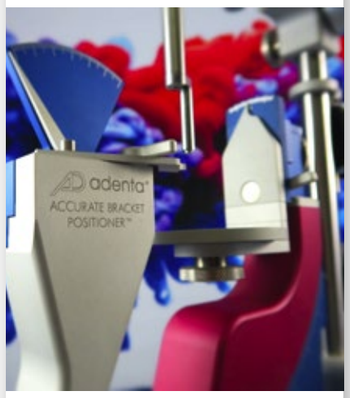


# INNOVATION MAP
## AT A GLANCE

**Designed by orthodontists, engineered by Adenta!**

**Product solutions designed for accelerated tooth movement & efficient office management**

### CLINICALLY DRIVEN MANUFACTURING TECHNOLOGY
CNC brackets for reliable bonding strength, ultra-precise intimate wire fit & accurate prescription transmission.

### AESTHETIC MATERIALS WITHOUT SIDE-EFFECTS
Alpha-Ceramic deletes enamel abrasion, offers accelerated tooth movement due to low-friction surface, and is easy to debond.

### CUTTING-EDGE ITS WIRE TECHNOLOGY
Aesthetic wires offer stable coating, for state-of-the-art hygiene & smooth surfaces for efficient tooth movement. Consistent archwire shape throughout all materials and tightest wire diameters assure efficient forces, increased patient comfort, and ease of treatment.

### BIOMECHANICAL BRACKET DESIGN
Biomechanically based clip mechanism on self-ligating active brackets speeds up tooth movement and offers easy & reliable handling.

### DIAGNOSTIC MODEL REVOLUTION
Create diagnostic models without trimmer.

CNC INNOVATION

SMART INNOVATION

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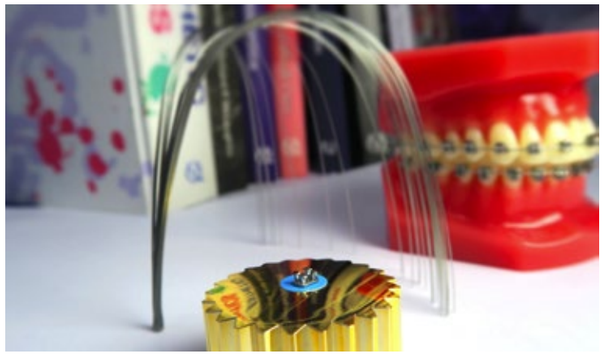


### EASY ALIGNMENT
Efficient and controlled management of impacted & retained teeth.

### HASSLE-FREE DISTALIZATION
Effective, clean and easy-to-activate modified pendulum appliance.

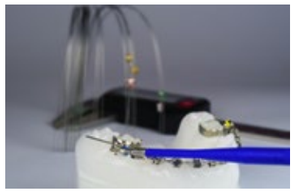
### SPACE TECHNOLOGY
Pain free & fast periodontally driven space closure even for difficult cases.

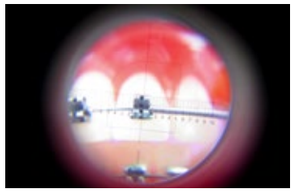
### IPR CONTOURING
Anatomically adaptable IPR strips for natural interproximal enamel reduction.

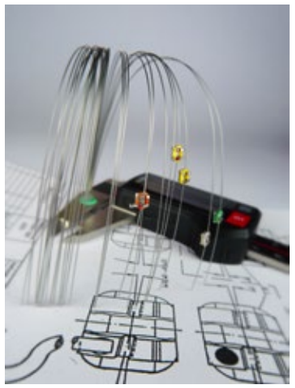
### UNBREAKABLE CLASS-II-CORRECTOR
No vertical side-effects, customizable length, almost 100% horizontal Class-II correction.

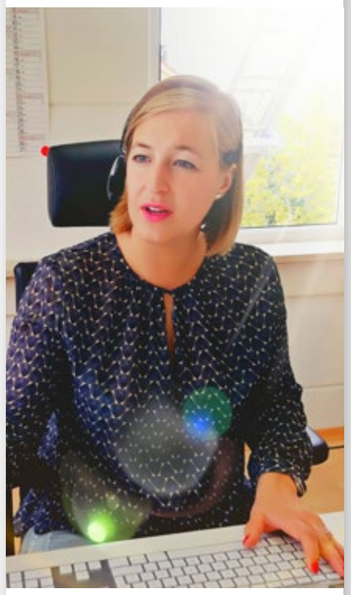
### FOG-FREE INTRAORAL PICTURES
Built-in ventilation for stress-free & crystal clear intraoral pictures.

### IN-OFFICE PRESCRIPTION CUSTOMIZATION
Measure, analyze, plan & customize independently.









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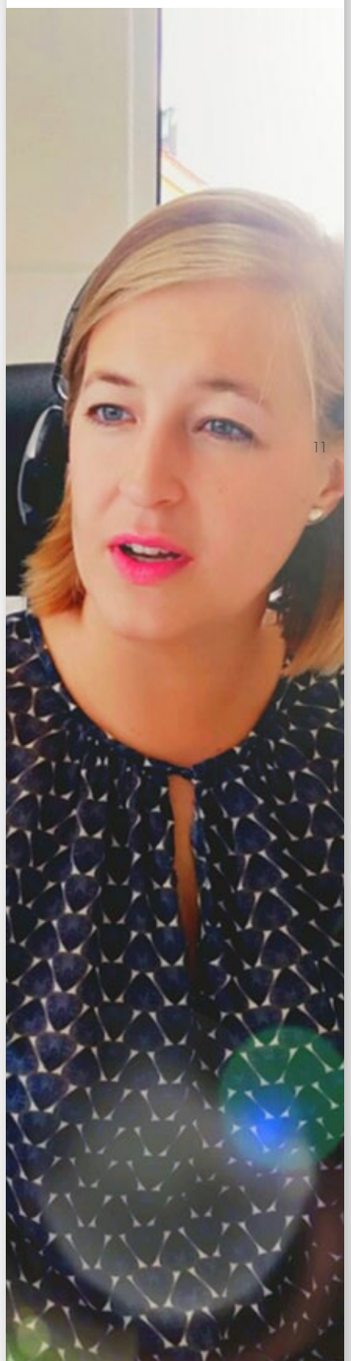

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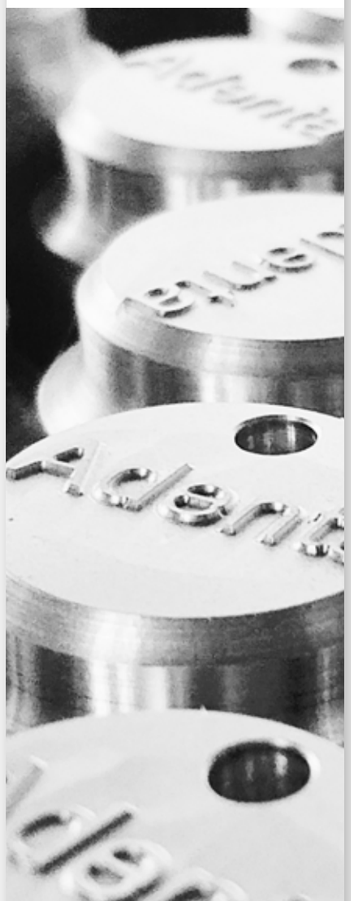
# IN HOUSE PRODUCTION

# IN GERMANY



# MIM

## Molded Brackets

DIAMOND IN THE ROUGH

SEE THE DIFFERENCE?

# CNC

## Milled Brackets

DIAMOND PRECISION

MADE IN GERMANY

SEEING IS BELIEVING!

### CNC designed for accelerated orthodontic tooth movement

- Dimensional tolerances within a thousandths of an inch achieve a slot accuracy that transmits accurate prescription values.
- True 1-piece-bracket offers a super-low IN/OUT for optimized tooth-moving forces and biomechanical root tip control.
- Base and hooks are directly milled into the bracket, creating extra strength and durability. Time to stop worrying about separation failures!
- Superior adhesive retention and bonding strength due to mechanical undercuts and micro-retention in the bonding base.
- Absolute smooth satin finish prevents debris accumulation and decreases micro-corrosion.

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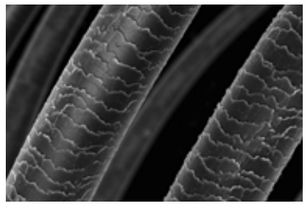
# INNOVATION MAP
## INHOUSE CNC PRODUCTION

Computer Numerical Control (CNC) is the **automated control of machining tools** by means of a computer. A CNC machine alters a blank piece of metal to meet precise specifications by following programmed instructions.

In our modern CNC system, the **mechanical dimensions are defined using CAD software**, and then translated into manufacturing directives by computer-aided manufacturing (CAM) software.

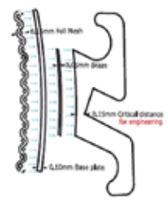


Slot precision is what makes our **CNC milled brackets the top performers in your practice**. They are manufactured with a .0006" tolerance p that is 5x smaller a human hair.
Accurate and efficient transmission of the chosen prescription will enable you to finish your cases without slot caused detailing. Key performance when you need it!

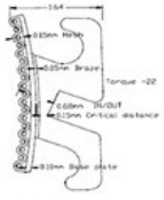
All Adenta brackets feature an anatomical **3D curvature on the base providing a precise fit to the tooth**.

**A true One-Piece-Bracket** to put your trust in: Base and hooks are milled into the bracket, creating extra strength and durability. Time to stop worrying about separation failures!

All Adenta brackets offer **superior adhesive retention**, due to the mechanical undercuts in the bonding base. *study AJO v.: 124



MIM



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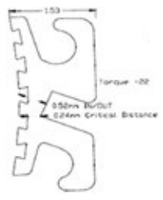

CNC

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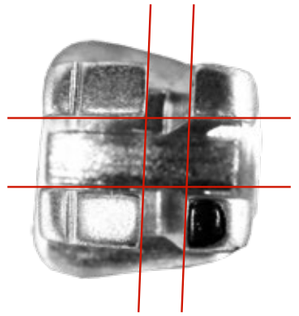
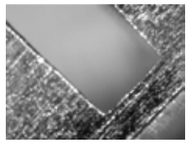
CNC MILLING



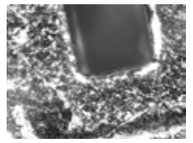
Accurate parallel slot for ideal slot & wire interaction

Microscopic x 400 SLOT



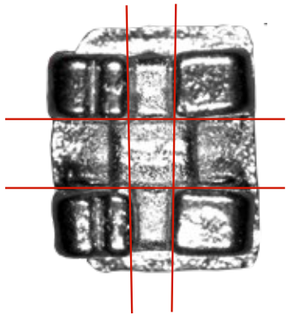
CNC

Microscopic x 400 SLOT



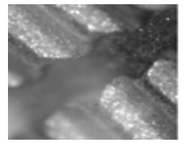
MIM

MIM MOLDING



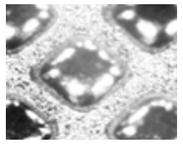
Mechanical undercuts and micro-grip for outstanding bonding strength

Microscopic x 400 BASE



CNC

Microscopic x 400 BASE



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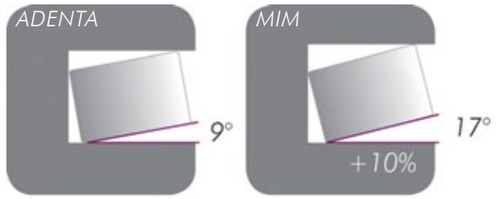



slot is exactly .022"

Wire is exactly .019" .025"

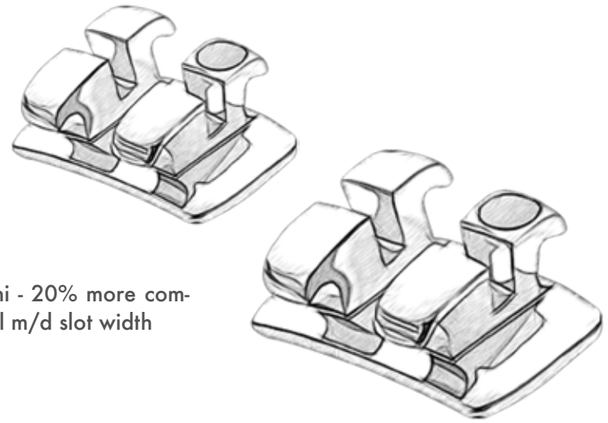
slot is +10% oversized = .024"

Wire is exactly .019" .025"

MIM-slots are designed to be oversized to assure the wire to fit in. Wires are normally undersized to assure to fit in even highly varying MIM-slots.

With only +10% oversized slot, approx. 17° of torque control is lost, resulting in increased treatment time.

# CROWN™
# CROWN MINI™



CROWN™ Mini - 20% more compact though full m/d slot width

## PERFORMANCE

Precise bracket placement produces higher quality results, a reduction in rebonding, and less archwire appointments with faster treatment cycles. Definitely a no-brainer!

## POWER

Our CNC milled bracket has an ultra-precise slot and delivers pure and accurate transmission of the prescription to finish your cases as swiftly and smoothly as possible and comfortably for you and your patient.

## SPEED

Low profile but large bracket undercuts for easy & secure ligation. The mesial / distal slot width provides highest rotation control.

## EXTRA BENEFIT

Finishing first - by using the clinical benefits of the Crown system, you save time and money due to less extra finetuning in the finishing phase.

## LOVE STORY

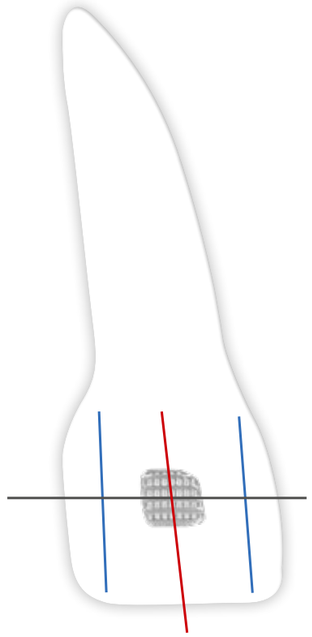
How to reduce positioning errors & integrate anomalies from the beginning on?
We developed an anatomical base that uses the visible congruent lines of the teeth to provide that extra positioning accuracy - from the very beginning on.

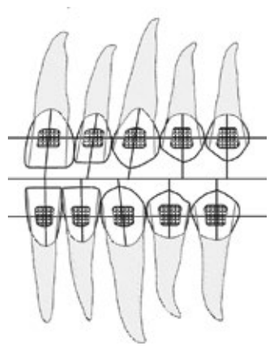
## Con:gru:ent

### GEOMETRY

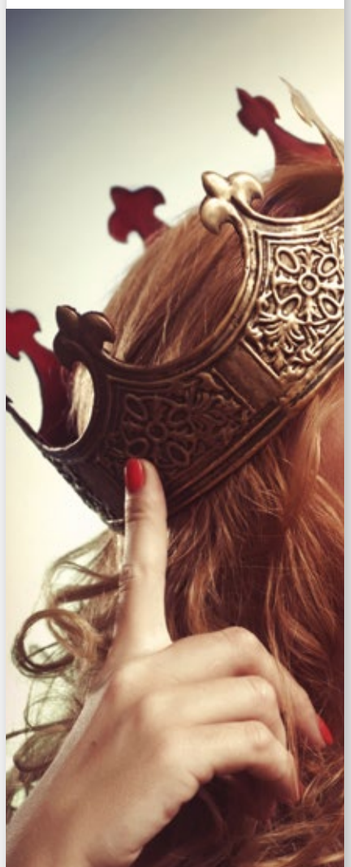
(of figures) identical in form; coinciding exactly when superimposed

After extensive evaluation of intact crowns, we developed a clinical crown form based on the principle of congruence - the CROWN bracket placement system.





By using the tooth´s incisal & gingival margin and the mesial / distal secants you can accurately position the programmed torque & angulation. Malpositions & anomalies are no longer challenges for your bracket placement. Just align the base contur parallel to the visible cues for accurate prescriptions.



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# CROWN™

| | CROWN | Prescription | Torque | Angul. | IN/OUT in mm | m/d width in mm |
|---|---|---|---|---|---|---|
| UPPER // MAXILLA | Maxilla | | | | | |
| | Central | ROTH | +12° | +5° | 0.84 | 2,50 |
| | Central | MBT | +17° | +5° | 0.59 | 2,50 |
| | | | | | | |
| | Lateral | ROTH | +8° | +9° | 1.15 | 2,50 |
| | Lateral | MBT | +10° | +8° | 0.94 | 2,50 |
| | | | | | | |
| | Cuspid | MBT | -7° | +8° | 0.56 | 2,60 |
| | Cuspid w. hook | MBT | -7° | +8° | 0.56 | 2,60 |
| | Cuspid | ROTH | -2° | +9° | 0.56 | 2,60 |
| | Cuspid w. hook | ROTH | -2° | +9° | 0.56 | 2,60 |
| | Cuspid | SPECIAL | 0° | +9° | 0.60 | 2,60 |
| | Cuspid w. hook | SPECIAL | 0° | +9° | 0.60 | 2,60 |
| | | | | | | |
| | 1st + 2nd premolar | ROTH | -7° | 0° | 0.68 | 2,60 |
| | 1st + 2nd premolar w. hook | ROTH | -7° | 0° | 0.68 | 2,60 |
| | 1st + 2nd premolar | MBT | -7° | 0° | 0.68 | 2,60 |
| | 1st + 2nd premolar w. hook | MBT | -7° | 0° | 0.68 | 2,60 |

| Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|
| Right | Left | Right | Left | |
| 105-11 | 105-21 | 155-11 | 155-21 | Brown gingival distal wing |
| 106-11 | 106-21 | 166-11 | 166-21 | Brown gingival distal wing |
| | | | | |
| 105-12 | 105-22 | 155-12 | 155-22 | Blue gingival distal wing |
| 106-12 | 106-22 | 166-12 | 166-22 | Blue gingival distal wing |
| | | | | |
| 106-13 | 106-23 | 166-13 | 166-23 | Lime gingival distal wing |
| 106-13/H | 106-23/H | 166-13/H | 166-23/H | Lime gingival distal wing |
| 105-13 | 105-23 | 155-13 | 155-23 | Lime gingival distal wing |
| 105-13/H | 105-23/H | 155-13/H | 155-23/H | Lime gingival distal wing |
| | | | | Lime gingival distal wing |
| 106-13/H-0 | 106-23/H-0 | 166-13/H-0 | 166-23/H-0 | Lime gingival distal wing |
| | | | | |
| 105-14/25 | 105-14/25 | 155-14/25 | 155-14/25 | Red gingival wings |
| 105-14/15/H | 105-24/25/H | 155-14/15/H | 155-24/25/H | Red gingival distal wing |
| 106-14/25 | 106-14/25 | 166-14/25 | 166-14/25 | Red gingival wings |
| 106-14/15/H | 106-24/25/H | 166-14/15/H | 166-24/25/H | Red gingival distal wing |

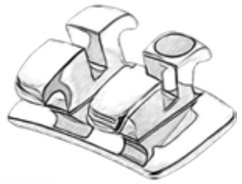
| | CROWN | Prescription | Torque | Angul. | IN/OUT in mm | m/d width in mm |
|---|---|---|---|---|---|---|
| LOWER // MANDIBULA | Mandibula | | | | | |
| | Lower anteriors | MBT | -6° | 0° | 0.85 | 2,50 |
| | Lower anteriors | ROTH | -1° | 0° | 1,05 | 2,50 |
| | | | | | | |
| | Cuspid | ROTH | -11° | +7° | 0.56 | 2,60 |
| | Cuspid w. hook | ROTH | -11° | +7° | 0.56 | 2,60 |
| | Cuspid | MBT | -6° | +3° | 0.56 | 2,60 |
| | Cuspid w. hook | MBT | -6° | +3° | 0.56 | 2,60 |
| | Cuspid | SPECIAL | 0° | +7° | 0.56 | 2,60 |
| | Cuspid w. hook | SPECIAL | 0° | +7° | 0.56 | 2,60 |
| | | | | | | |
| | 1st premolar | ROTH | -17° | 0° | 0.54 | 2,60 |
| | 1st premolar w. hook | ROTH | -17° | 0° | 0.54 | 2,60 |
| | 1st premolar | MBT | -12° | 0° | 0.58 | 2,60 |
| | 1st premolar w. hook | MBT | -12° | 0° | 0.58 | 2,60 |
| | | | | | | |
| | 2nd premolar | ROTH | -22° | 0° | 0.54 | 2,60 |
| | 2nd premolar w. hook | ROTH | -22° | 0° | 0.54 | 2,60 |
| | 2nd premolar | MBT | -17° | 0° | 0.60 | 2,60 |
| | 2nd premolar w. hook | MBT | -17° | 0° | 0.54 | 2,60 |

| Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|
| Right | Left | Right | Left | |
| 106-31/42 | 106-31/42 | 166-31/42 | 166-31/42 | Black gingival wings |
| 105-31/42 | 105-31/42 | 155-31/42 | 155-31/42 | Black gingival wings |
| | | | | |
| 105-43 | 105-33 | 155-43 | 155-33 | Pink gingival distal wing |
| 105-43/H | 105-33/H | 155-43/H | 155-33/H | Pink gingival distal wing |
| 106-43 | 106-33 | 166-43 | 166-33 | Pink gingival distal wing |
| 106-43/H | 106-33/H | 166-43/H | 166-33/H | Pink gingival distal wing |
| | | | | |
| 106-43/H | 106-33/H | 166-43/H | 166-33/H | Pink gingival distal wing |
| | | | | |
| 105-44 | 105-34 | 155-44 | 155-34 | Aqua gingival distal wing |
| 105-44/H | 105-34/H | 155-44/H | 155-34/H | Aqua gingival distal wing |
| 106-44 | 106-34 | 166-44 | 166-34 | Aqua gingival distal wing |
| 106-44/H | 106-34/H | 166-44/H | 166-34/H | Aqua gingival distal wing |
| | | | | |
| 105-45 | 105-35 | 155-45 | 155-35 | Green gingival distal wing |
| 105-45/H | 105-35/H | 155-45/H | 155-35/H | Green gingival distal wing |
| 106-45 | 106-35 | 166-45 | 166-35 | Green gingival distal wing |
| 106-45/H | 106-35/H | 166-45/H | 166-35/H | Green gingival distal wing |

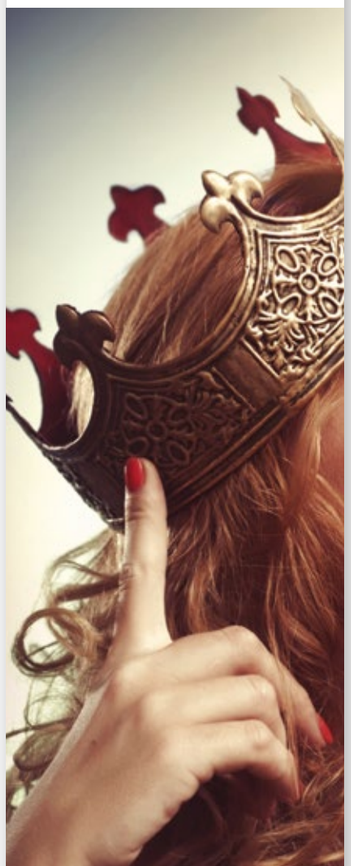
| | 5-5 Upper & Lower | |
|---|---|---|
| | .018" | .022" |
| ROTH | 105-001 | 155-001 |
| MBT | 106-001 | 166-001 |

| | 5-5 Upper & Lower with hook on cuspids | |
|---|---|---|
| | .018" | .022" |
| ROTH | 105-001/H | 155-001/H |
| MBT | 106-001/H | 166-001/H |

| | 5-5 Upper & Lower with hook on cuspids and premolars | |
|---|---|---|
| | .018" | .022" |
| ROTH | 105-001/H345 | 155-001/H345 |
| MBT | 106-001/H345 | 166-001/H345 |



Contact us for your personal item number based on your MIX & MATCH selection!
For 10 patient cases packed in our XL-Tray, please add the surfix "/10" to the respective item number.



BRINGING GERMAN ENGINEERING TO ORTHODONTICS

# CROWN MINI™

UPPER // MAXILLA

| CROWN Mini | Prescription | Torque | Angul. | IN/OUT in mm | m/d width in mm |
|---|---|---|---|---|---|
| Maxilla | | | | | |
| Central | ROTH | +12° | +5° | 0,84 | 2,50 |
| Central | MBT | +17° | +5° | 0,59 | 2,50 |
| | | | | | |
| Lateral | ROTH | +8° | +9° | 1,15 | 2,50 |
| Lateral | MBT | +10° | +8° | 0,94 | 2,50 |
| | | | | | |
| Cuspid | MBT | -7° | +8° | 0,56 | 2,60 |
| Cuspid w. hook | MBT | -7° | +8° | 0,56 | 2,60 |
| Cuspid | ROTH | -2° | +9° | 0,56 | 2,60 |
| Cuspid w. hook | ROTH | -2° | +9° | 0,56 | 2,60 |
| Cuspid | SPECIAL | 0° | +9° | 0,60 | 2,60 |
| Cuspid w. hook | SPECIAL | 0° | +9° | 0,60 | 2,60 |
| | | | | | |
| 1st + 2nd premolar | ROTH | -7° | 0° | 0,68 | 2,60 |
| 1st + 2nd premolar w. hook | ROTH | -7° | 0° | 0,68 | 2,60 |
| 1st + 2nd premolar | MBT | -7° | 0° | 0,68 | 2,60 |
| 1st + 2nd premolar w. hook | MBT | -7° | 0° | 0,68 | 2,60 |

| Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|
| Right | Left | Right | Left | |
| 105M-11 | 105M-21 | 155M-11 | 155M-21 | Brown gingival distal wing |
| 106M-11 | 106M-21 | 166M-11 | 166M-21 | Brown gingival distal wing |
| | | | | |
| 105M-12 | 105M-22 | 155M-12 | 155M-22 | Blue gingival distal wing |
| 106M-12 | 106M-22 | 166M-12 | 166M-22 | Blue gingival distal wing |
| | | | | |
| 106M-13 | 106M-23 | 166M-13 | 166M-23 | Lime gingival distal wing |
| 106M-13/H | 106M-23/H | 166M-13/H | 166M-23/H | Lime gingival distal wing |
| 105M-13 | 105M-23 | 155M-13 | 155M-23 | Lime gingival distal wing |
| 105M-13/H | 105M-23/H | 155M-13/H | 155M-23/H | Lime gingival distal wing |
| | | | | Lime gingival distal wing |
| 106M-13/H-0 | 106M-23/H-0 | 166M-13/H-0 | 166M-23/H-0 | Lime gingival distal wing |
| | | | | |
| 105M-14/25 | 105M-14/25 | 155M-14/25 | 155M-14/25 | Red gingival wings |
| 105M-14/15/H | 105M-24/25/H | 155M-14/15/H | 155M-24/25/H | Red gingival distal wing |
| 106M-14/25 | 106M-14/25 | 166M-14/25 | 166M-14/25 | Red gingival wings |
| 106M-14/15/H | 106M-24/25/H | 166M-14/15/H | 166M-24/25/H | Red gingival distal wing |

LOWER // MANDIBULA

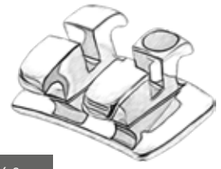
| CROWN Mini | Prescription | Torque | Angul. | IN/OUT in mm | m/d width in mm |
|---|---|---|---|---|---|
| Mandibula | | | | | |
| Lower anteriors | MBT | -6° | 0° | 0,85 | 2,50 |
| Lower anteriors | ROTH | -1° | 0° | 1,05 | 2,50 |
| | | | | | |
| Cuspid | ROTH | -11° | +7° | 0,56 | 2,60 |
| Cuspid w. hook | ROTH | -11° | +7° | 0,56 | 2,60 |
| Cuspid | MBT | -6° | +3° | 0,56 | 2,60 |
| Cuspid w. hook | MBT | -6° | +3° | 0,56 | 2,60 |
| Cuspid | SPECIAL | 0° | +7° | 0,56 | 2,60 |
| Cuspid w. hook | SPECIAL | 0° | +7° | 0,56 | 2,60 |
| | | | | | |
| 1st premolar | ROTH | -17 | 0° | 0,54 | 2,60 |
| 1st premolar w. hook | ROTH | -17 | 0° | 0,54 | 2,60 |
| 1st premolar | MBT | -12° | 0° | 0,58 | 2,60 |
| 1st premolar w. hook | MBT | -12° | 0° | 0,58 | 2,60 |
| | | | | | |
| 2nd premolar | ROTH | -22° | 0° | 0,54 | 2,60 |
| 2nd premolar w. hook | ROTH | -22° | 0° | 0,54 | 2,60 |
| 2nd premolar | MBT | -17° | 0° | 0,60 | 2,60 |
| 2nd premolar w. hook | MBT | -17° | 0° | 0,54 | 2,60 |

| Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|
| Right | Left | Right | Left | |
| 106M-31/42 | 106M-31/42 | 166M-31/42 | 166M-31/42 | Black gingival wings |
| 105M-31/42 | 105M-31/42 | 155M-31/42 | 155M-31/42 | Black gingival wings |
| | | | | |
| 105M-43 | 105M-33 | 155M-43 | 155M-33 | Pink gingival distal wing |
| 105M-43/H | 105M-33/H | 155M-43/H | 155M-33/H | Pink gingival distal wing |
| 106M-43 | 106M-33 | 166M-43 | 166M-33 | Pink gingival distal wing |
| 106M-43/H | 106M-33/H | 166M-43/H | 166M-33/H | Pink gingival distal wing |
| | | | | |
| 106M-43/H | 106M-33/H | 166M-43/H | 166M-33/H | Pink gingival distal wing |
| | | | | |
| 105M-44 | 105M-34 | 155M-44 | 155M-34 | Aqua gingival distal wing |
| 105M-44/H | 105M-34/H | 155M-44/H | 155M-34/H | Aqua gingival distal wing |
| 106M-44 | 106M-34 | 166M-44 | 166M-34 | Aqua gingival distal wing |
| 106M-44/H | 106M-34/H | 166M-44/H | 166M-34/H | Aqua gingival distal wing |
| | | | | |
| 105M-45 | 105M-35 | 155M-45 | 155M-35 | Green gingival distal wing |
| 105M-45/H | 105M-35/H | 155M-45/H | 155M-35/H | Green gingival distal wing |
| 106M-45 | 106M-35 | 166M-45 | 166M-35 | Green gingival distal wing |
| 106M-45/H | 106M-35/H | 166M-45/H | 166M-35/H | Green gingival distal wing |

| | 5-5 Upper & Lower | |
|---|---|---|
| | .018" | .022" |
| ROTH | 105M-001 | 155M-001 |
| MBT | 106M-001 | 166M-001 |

| | 5-5 Upper & Lower with hook on cuspids | |
|---|---|---|
| | .018" | .022" |
| ROTH | 450-001/H | 455-001/H |
| MBT | 460-001/H | 466-001/H |

| | 5-5 Upper & Lower with hook on cuspids and premolars | |
|---|---|---|
| | .018" | .022" |
| ROTH | 105-001/H345 | 155-001/H345 |
| MBT | 106-001/H345 | 166-001/H345 |



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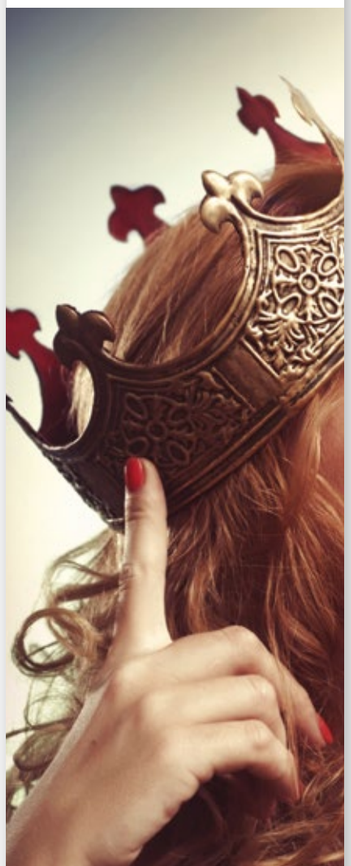
For 10 patient cases packed in our XL-Tray, please add the surfix "/10" to the respective item number.



BRINGING GERMAN ENGINEERING TO ORTHODONTICS

# ECONOLINE™

## LOVE STORY

Full sized 1-piece bracket suitable for all treatments using a conventional bracket.
With Adenta's MIX & MATCH options, you are free to choose from a huge variety of prescriptions according to your individual patients' needs.

## PERFORMANCE

Clean simple design lines and aerospace strength stainless steel permit us to continue using the most precise manufacturing method: micro milling (CNC).

## POWER

The prescription can be fully expressed and mechanics are easily integrated.
Minimize wire bendings in the finishing phase.
See the power of your customized prescriptions.

## SPEED

All Adenta brackets offer superior adhesive retention, due to the mechanical undercuts in the bonding base and are milled in one piece, eliminating the separation failures and creating a strong and durable bracket.

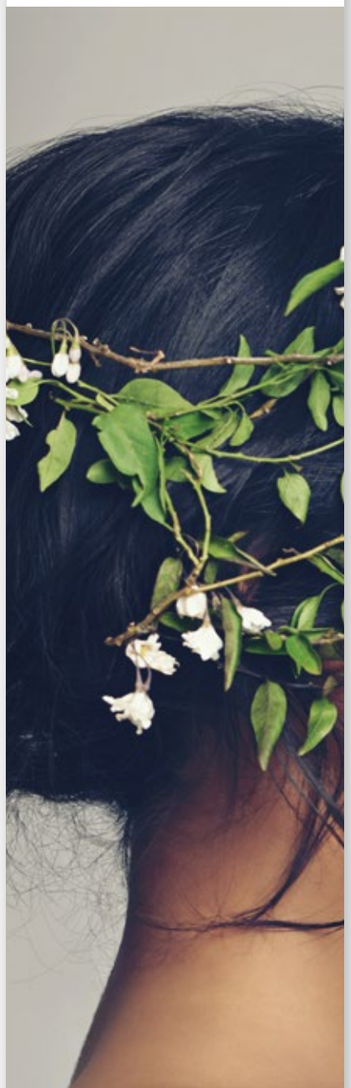
## EXTRA BENEFIT

Available in almost every prescription possible, our orthodontists use a workhorse bracket without any compromise on quality or precision.

# SPECIAL DEEP BITE™

Complement your ECONOLINE™ cases with our DEEP BITE bracket, especially designed for deep bite cases. The full-sized lower anterior bracket with 38% lower incisal wings allows you to integrate the lower anteriors earlier in treatment.

The specially designed small sagittal dimension of the incisal wings enables you to position the bracket correctly, facilitate better leveling, and increases the efficiency of the appliance. Coupled with palatal concaving of the incisors, the DEEP BITE™ bracket provides a reduction of shearing forces, resulting in fewer repairs and chair time.



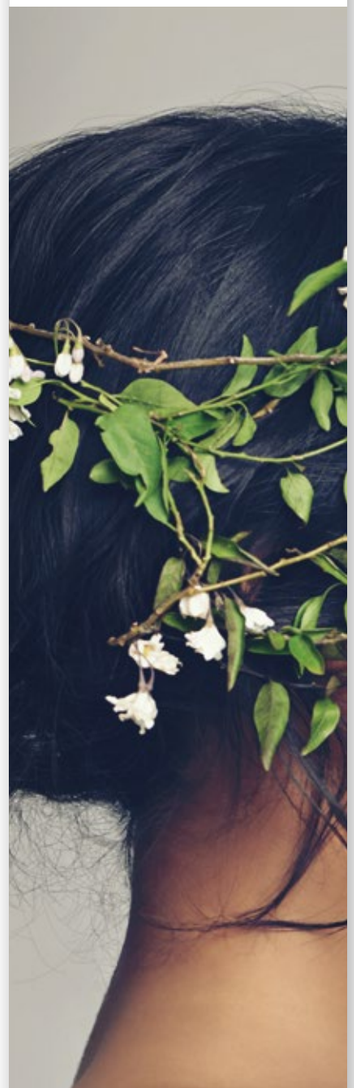
BRINGING
GERMAN ENGINEERING
TO ORTHODONTICS

# ECONOLINE™

UPPER // MAXILLA

| ECONOLINE | Prescription | Torque | Angul. | IN/OUT in mm | m/d width in mm |
|---|---|---|---|---|---|
| Maxilla | | | | | |
| Central | STD. EDGEWISE | 0° | 0° | 0,75 | 3,45 |
| Central | ANDREWS | +7° | +5° | 0,79 | 3,45 |
| Central | ROTH | +12° | +4° | 0,79 | 3,45 |
| Central | MBT | +17° | +4° | 0,79 | 3,45 |
| Central | HASUND | +20° | +5° | 1,10 | 3,45 |
| Central | HILGERS | +22° | +5° | 0,79 | 3,45 |
| Central | RICKETTS | +22° | 0° | 0,80 | 3,45 |
| | | | | | |
| Lateral | STD. EDGEWISE | 0° | 0° | 0,75 | 2,90 |
| Lateral | ANDREWS | +3° | +9° | 1,28 | 2,90 |
| Lateral | ROTH | +8° | +9° | 1,28 | 2,90 |
| Lateral | MBT | +10° | +8° | 0,90 | 2,90 |
| Lateral | HASUND | +14° | +9° | 1,10 | 2,90 |
| Lateral | HILGERS | +14° | +8° | 0,70 | 2,90 |
| Lateral | RICKETTS | +14° | +8° | 0,80 | 2,90 |
| | | | | | |
| Cuspid | MBT | -7° | +8° | 0,80 | 3,15 |
| Cuspid w. hook | MBT | -7° | +8° | 0,80 | 3,15 |
| Cuspid | ANDREWS | -7° | +11° | 0,69 | 3,15 |
| Cuspid w. hook | ANDREWS | -7° | +11° | 0,69 | 3,15 |
| Cuspid | HILGERS | -7° | +8° | 0,69 | 3,15 |
| Cuspid w. hook | HILGERS | -7° | +8° | 0,69 | 3,15 |
| Cuspid | HASUND | -2° | +9° | 0,70 | 3,15 |
| Cuspid w. hook | HASUND | -2° | +9° | 0,70 | 3,15 |
| Cuspid | ROTH | 0° | +11° | 0,69 | 3,15 |
| Cuspid w. hook | ROTH | 0° | +11° | 0,69 | 3,15 |
| Cuspid | STD. EDGEWISE | 0° | 0° | 0,75 | 3,15 |
| Cuspid w. hook | STD. EDGEWISE | 0° | 0° | 0,75 | 3,15 |
| Cuspid | RICKETTS | +7° | +5° | 0,80 | 3,15 |
| Cuspid w. hook | RICKETTS | +7° | +5° | 0,80 | 3,15 |
| | | | | | |
| $1^{st}$ + $2^{nd}$ premolar | HASUND | -10° | +2° | 0,75 | 3,20 |
| $1^{st}$ + $2^{nd}$ premolar w. hook | HASUND | -10° | +2° | 0,75 | 3,20 |
| $1^{st}$ + $2^{nd}$ premolar | ANDREWS | -7° | +2° | 0,69 | 3,20 |
| $1^{st}$ + $2^{nd}$ premolar w. hook | ANDREWS | -7° | +2° | 0,69 | 3,20 |
| $1^{st}$ + $2^{nd}$ premolar | HILGERS | -7° | 0° | 0,69 | 3,20 |
| $1^{st}$ + $2^{nd}$ premolar w. hook | HILGERS | -7° | 0° | 0,69 | 3,20 |
| $1^{st}$ + $2^{nd}$ premolar | ROTH | -7° | 0° | 0,69 | 3,20 |
| $1^{st}$ + $2^{nd}$ premolar w. hook | ROTH | -7° | 0° | 0,69 | 3,20 |
| $1^{st}$ + $2^{nd}$ premolar | MBT | -7° | 0° | 0,69 | 3,20 |
| $1^{st}$ + $2^{nd}$ premolar w. hook | MBT | -7° | 0° | 0,69 | 3,20 |
| $1^{st}$ + $2^{nd}$ premolar | RICKETTS | 0° | 0° | 0,75 | 3,20 |
| $1^{st}$ + $2^{nd}$ premolar w. hook | RICKETTS | 0° | 0° | 0,75 | 3,20 |
| $1^{st}$ + $2^{nd}$ premolar | STD. EDGEWISE | 0° | 0° | 0,75 | 3,20 |
| $1^{st}$ + $2^{nd}$ premolar w. hook | STD. EDGEWISE | 0° | 0° | 0,75 | 3,20 |

| Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|
| Right | Left | Right | Left | |
| 01-11/21 | 01-11/21 | 11-11/21 | 11-11/21 | |
| 03-11 | 03-21 | 33-11 | 33-21 | Red gingival distal wing |
| 05-11 | 05-21 | 55-11 | 55-21 | Red gingival distal wing |
| 06-11 | 06-21 | 66-11 | 66-21 | Red gingival distal wing |
| 04-11 | 04-21 | | | Red gingival distal wing |
| 07-11 | 07-21 | | | Red gingival distal wing |
| 02-11 | 02-21 | | | Red gingival distal wing |
| | | | | |
| 01-12/22 | 01-12/22 | 11-12/22 | 11-12/22 | |
| 03-12 | 03-22 | 33-12 | 33-22 | Red gingival distal wing |
| 05-12 | 05-22 | 55-12 | 55-22 | Red gingival distal wing |
| 06-12 | 06-22 | 66-12 | 66-22 | Red gingival distal wing |
| 04-12 | 04-22 | | | Red gingival distal wing |
| 07-12 | 07-22 | | | Red gingival distal wing |
| 02-12 | 02-22 | | | Red gingival distal wing |
| | | | | |
| 06-13 | 06-23 | 66-13 | 66-23 | Red gingival distal wing |
| 06-13/H | 06-23/H | 66-13/H | 66-23/H | Red gingival distal wing |
| 03-13 | 03-23 | 33-13 | 33-23 | Red gingival distal wing |
| 03-13/H | 03-23/H | 33-13/H | 33-23/H | Red gingival distal wing |
| 07-13 | 07-23 | | | Red gingival distal wing |
| 07-13/H | 07-23/H | | | Red gingival distal wing |
| 04-13 | 04-23 | | | Red gingival distal wing |
| 04-13/H | 04-23/H | | | Red gingival distal wing |
| 05-13 | 05-23 | 55-13 | 55-23 | Red gingival distal wing |
| 05-13/H | 05-23/H | 55-13/H | 55-23/H | Red gingival distal wing |
| 01-13/43 | 01-13/43 | 11-13/43 | 01-13/43 | |
| 01-13/33/H | 01-23/43/H | 11-13/33/H | 11-23/43/H | |
| 02-13 | 02-23 | | | Red gingival distal wing |
| 02-13/H | 02-23/H | | | Red gingival distal wing |
| | | | | |
| 04-14/15 | 04-24/25 | | | Red gingival wings |
| 04-14/15/H | 04-24/25/H | | | Red gingival distal wing |
| 03-14/15 | 03-24/25 | 33-14/15 | 33-24/25 | Red gingival wings |
| 03-14/15/H | 03-24/25/H | 33-14/15/H | 33-24/25/H | Red gingival distal wing |
| 07-14/15 | 07-24/25 | | | Red gingival wings |
| 07-14/15/H | 07-24/25/H | | | Red gingival distal wing |
| 05-14/25 | 05-14/25 | 55-14/25 | 55-14/25 | Red gingival wings |
| 05-14/15/H | 05-24/25/H | 55-14/15/H | 55-24/25/H | Red gingival distal wing |
| 06-14/25 | 06-14/25 | 66-14/25 | 66-14/25 | Red gingival wings |
| 06-14/15/H | 06-24/25/H | 66-14/15/H | 66-24/25/H | Red gingival distal wing |
| 02-14/25 | 02-14/25 | | | Red gingival wings |
| 02-14/15/H | 02-24/25/H | 22-14/15/H | 22-24/25/H | Red gingival wings |
| 01-14/45 | 01-14/45 | 11-14/45 | 11-14/45 | |
| 01-14/15/H | 01-24/25/H | 11-14/15/H | 11-24/25/H | |





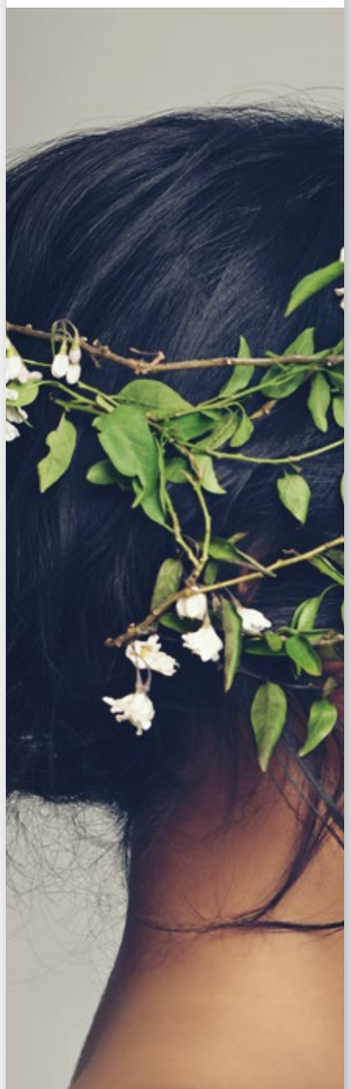
BRINGING
GERMAN ENGINEERING
TO ORTHODONTICS

# ECONOLINE™

LOWER // MANDIBULA

| ECONOLINE | Prescription | Torque | Angul. | IN/OUT in mm | m/d width in mm |
|---|---|---|---|---|---|
| Mandibula | | | | | |
| Deep Bite | ROTH / MBT | -1° | 0° | 1,28 | 2,35 |
| Lower anteriors | MBT | -6° | 0° | 1,20 | 2,35 |
| Lower anteriors | HILGERS | -1° | 0° | 1,28 | 2,35 |
| Lower anteriors | ANDREWS | -1° | +2° | 1,28 | 2,35 |
| Lower anteriors | ROTH | -1° | 0° | 1,28 | 2,35 |
| Lower anteriors | HASUND | 0° | 0° | 0,75 | 2,35 |
| Lower anteriors | STD. EDGEWISE | 0° | 0° | 0,75 | 2,35 |
| Lower anteriors | RICKETTS | 0° | 0° | 0,75 | 2,35 |
| | | | | | |
| Cuspid | ROTH | -11° | +5° | 0,64 | 3,15 |
| Cuspid w. hook | ROTH | -11° | +5° | 0,64 | 3,15 |
| Cuspid | ANDREWS | -11° | +5° | 0,64 | 3,15 |
| Cuspid w. hook | ANDREWS | -11° | +5° | 0,64 | 3,15 |
| Cuspid | HILGERS | -7° | +5° | 0,80 | 3,15 |
| Cuspid w. hook | HILGERS | -7° | +5° | 0,80 | 3,15 |
| Cuspid | MBT | -6° | +3° | 0,80 | 3,15 |
| Cuspid w. hook | MBT | -6° | +3° | 0,80 | 3,15 |
| Cuspid | HASUND | 0° | +7° | 0,70 | 3,15 |
| Cuspid w. hook | HASUND | 0° | +7° | 0,70 | 3,15 |
| Cuspid | STD. EDGEWISE | 0° | 0° | 0,75 | 3,15 |
| Cuspid w. hook | STD. EDGEWISE | 0° | 0° | 0,75 | 3,15 |
| Cuspid | RICKETTS | +7° | +5° | 0,80 | 3,15 |
| Cuspid w. hook | RICKETTS | +7° | +5° | 0,80 | 3,15 |
| | | | | | |
| 1st premolar | ANDREWS | -17° | +2° | 0,64 | 3,20 |
| 1st premolar w. hook | ANDREWS | -17° | +2° | 0,64 | 3,20 |
| 1st premolar | ROTH | -17 | 0° | 0,64 | 3,20 |
| 1st premolar w. hook | ROTH | -17 | 0° | 0,64 | 3,20 |
| 1st premolar | MBT | -12° | 0° | 0,64 | 3,20 |
| 1st premolar w. hook | MBT | -12° | 0° | 0,64 | 3,20 |
| 1st Premolar | HILGERS | -11° | 0° | 0,64 | 3,20 |
| 1st premolar w. hook | HILGERS | -11° | 0° | 0,64 | 3,20 |
| 1st Premolar | HASUND | -10° | +2° | 0,64 | 3,20 |
| 1st premolar w. hook | HASUND | -10° | +2° | 0,64 | 3,20 |
| 1st premolar | STD. EDGEWISE | 0° | 0° | 0,75 | 3,20 |
| 1st premolar w. hook | STD. EDGEWISE | 0° | 0° | 0,75 | 3,20 |
| 1st premolar | RICKETTS | 0° | 0° | 0,75 | 3,20 |
| 1st premolar w. hook | RICKETTS | 0° | 0° | 0,75 | 3,20 |
| | | | | | |
| 2nd premolar | ANDREWS | -22° | +2° | 0,64 | 3,20 |
| 2nd premolar w. hook | ANDREWS | -22° | +2° | 0,64 | 3,20 |
| 2nd premolar | ROTH | -22° | 0° | 0,64 | 3,20 |
| 2nd premolar w. hook | ROTH | -22° | 0° | 0,64 | 3,20 |
| 2nd premolar | HILGERS | -22° | 0° | 0,64 | 3,20 |
| 2nd premolar w. hook | HILGERS | -22° | 0° | 0,64 | 3,20 |
| 2nd premolar | MBT | -17° | 0° | 0,64 | 3,20 |
| 2nd premolar w. hook | MBT | -17° | 0° | 0,64 | 3,20 |
| 2nd premolar | HASUND | -15° | +2° | 0,64 | 3,20 |

| Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|
| Right | Left | Right | Left | |
| 05-31-42-S | 05-31-42-S | 55-31-42-S | 55-31-42-S | Black gingival wings |
| 06-31/42 | 06-31/42 | 66-31/42 | 66-31/42 | Black gingival wings |
| 07-31/42 | 07-31/42 | | | Black gingival wings |
| 03-41/42 | 03-31/32 | 33-41/42 | 33-31/32 | Black gingival wings |
| 05-31/42 | 05-31/42 | 55-31/42 | 55-31/42 | Black gingival wings |
| 04-41/42 | 04-31/32 | | | Black gingival wings |
| 01-31/42 | 01-31/42 | 11-31/42 | 11-31/42 | |
| 02-31/42 | 02-31/42 | | | Black gingival wings |
| | | | | |
| 05-43 | 05-33 | 55-43 | 55-33 | Black gingival distal wing |
| 05-43/H | 05-33/H | 55-43/H | 55-33/H | Black gingival distal wing |
| 03-43 | 03-33 | 33-43 | 33-33 | Black gingival distal wing |
| 03-43/H | 03-33/H | 33-43/H | 33-33/H | Black gingival distal wing |
| 07-43 | 07-33 | | | Black gingival distal wing |
| 07-43/H | 07-33/H | | | Black gingival distal wing |
| 06-43 | 06-33 | 66-43 | 66-33 | Black gingival distal wing |
| 06-43/H | 06-33/H | 66-43/H | 66-33/H | Black gingival distal wing |
| 04-43 | 04-33 | | | Black gingival distal wing |
| 04-43/H | 04-33/H | | | Black gingival distal wing |
| 01-13/43 | 01-13/43 | 11-13/43 | 11-13/43 | |
| 01-23/43/H | 01-13/33/H | 11-23/43/H | 11-13/33/H | |
| 02-43 | 02-33 | | | Black gingival distal wing |
| 02-43/H | 02-33/H | | | Black gingival distal wing |
| | | | | |
| 03-44 | 03-34 | 33-44 | 33-34 | Black gingival distal wing |
| 03-44/H | 03-34/H | 33-44/H | 33-34/H | Black gingival distal wing |
| 05-44 | 05-34 | 55-44 | 55-34 | Black gingival distal wing |
| 05-44/H | 05-34/H | 55-44/H | 55-34/H | Black gingival distal wing |
| 06-44 | 06-34 | 66-44 | 66-34 | Black gingival distal wing |
| 06-44/H | 06-34/H | 66-44/H | 66-34/H | Black gingival distal wing |
| 07-44 | 07-34 | | | Black gingival distal wing |
| 07-44/H | 07-34/H | | | Black gingival distal wing |
| 04-44 | 04-34 | | | Black gingival distal wing |
| 04-44/H | 04-34/H | | | Black gingival distal wing |
| 01-14/45 | | 11-14/45 | | |
| 01-44/45/H | 01-34/35/H | 11-44/45/H | 11-34/35/H | |
| 02-34/45 | | | | Black gingival distal wing |
| 02-44/45/H | 02-34/35/H | | | Black gingival distal wing |
| | | | | |
| 03-45 | 03-35 | 33-45 | 33-35 | Black gingival distal wing |
| 03-45/H | 03-35/H | 33-45/H | 33-35/H | Black gingival distal wing |
| 05-45 | 05-35 | 55-45 | 55-35 | Black gingival distal wing |
| 05-45/H | 05-35/H | 55-45/H | 55-35/H | Black gingival distal wing |
| 07-45 | 07-35 | | | Black gingival distal wing |
| 07-45/H | 07-35/H | | | Black gingival distal wing |
| 06-45 | 06-35 | 66-45 | 66-35 | Black gingival distal wing |
| 06-45/H | 06-35/H | 66-45/H | 66-35/H | Black gingival distal wing |
| 04-45 | 04-35 | | | Black gingival distal wing |



BRINGING
GERMAN ENGINEERING
TO ORTHODONTICS

# ECONOLINE™

| | 5-5 Upper & Lower | |
|---|---|---|
| | .018" | .022" |
| STD. EDGEWISE | 01-001 | 11-001 |
| RICKETTS | 02-001 | |
| ANDREWS | 03-001 | 33-001 |
| HASUND | 04-001 | |
| ROTH | 05-001 | 55-001 |
| MBT / ROTH High Torque | 06-001 | 66-001 |
| HILGERS | 07-001 | |

| | 5-5 Upper & Lower with hook on cuspids | |
|---|---|---|
| | .018" | .022" |
| STD. EDGEWISE | 01-001/H | 11-001/H |
| ANDREWS | 03-001/H | 33-001/H |
| HASUND | 04-001/H | |
| HILGERS | 07-001/H | |
| MBT / ROTH High Torque | 06-001/H | 66-001/H |
| RICKETTS | 02-001/H | |
| ROTH | 05-001/H | 55-001/H |

| | 5-5 Upper & Lower with hook on cuspids and premolars | |
|---|---|---|
| | .018" | .022" |
| STD. EDGEWISE | 01-001/H345 | 11-001/H345 |
| ANDREWS | 03-001/H345 | 33-001/H345 |
| ROTH | 05-001/H345 | 55-001/H345 |
| MBT / ROTH High Torque | 06-001/H345 | 66-001/H345 |
| HASUND | 04-001/H345 | |
| HILGERS | 07-001/H345 | |
| RICKETTS | 02-001/H345 | |

Contact us for your personal item number based on your MIX & MATCH selection!
For 10 patient cases packed in our XL-Tray, please add the surfix "/10" to the respective item number.

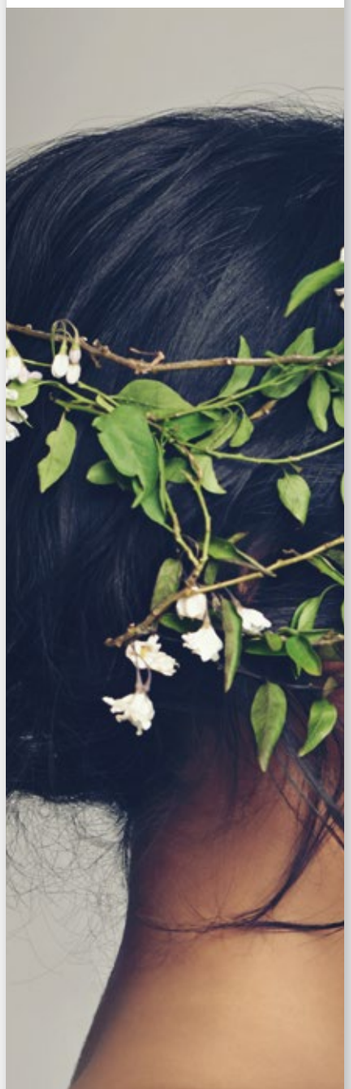
# SPECIAL DEEP BITE™

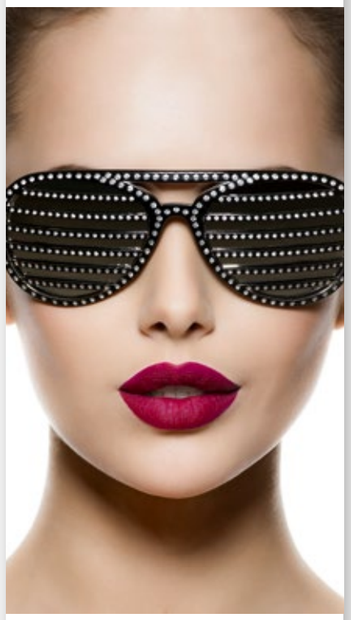
| | **DEEP BITE** 5-5 Upper & Lower | |
|---|---|---|
| | .018" | .022" |
| STD. EDGEWISE | 01-001DB | 11-001DB |
| RICKETTS | 02-001DB | |
| ANDREWS | 03-001DB | 33-001DB |
| HASUND | 04-001DB | |
| ROTH | 05-001DB | 55-001DB |
| MBT / ROTH High Torque | 06-001DB | 66-001DB |
| HILGERS | 07-001DB | |

| | **DEEP BITE** 5-5 Upper & Lower with hook on cuspids | |
|---|---|---|
| | .018" | .022" |
| STD. EDGEWISE | 01-001/HDB | 11-001/HDB |
| ANDREWS | 03-001/HDB | 33-001/HDB |
| HASUND | 04-001/HDB | |
| HILGERS | 07-001/HDB | |
| MBT / ROTH High Torque | 06-001/HDB | 66-001/HDB |
| RICKETTS | 02-001/HDB | |
| ROTH | 05-001/HDB | 55-001/HDB |

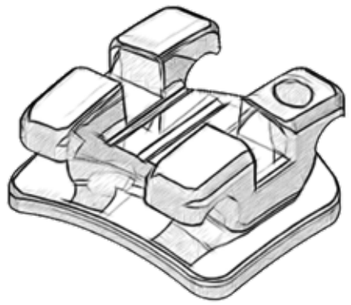
| | **DEEP BITE** 5-5 Upper & Lower with hook on cuspids and premolars | |
|---|---|---|
| | .018" | .022" |
| STD. EDGEWISE | 01-001/H345DB | 11-001/H345DB |
| ANDREWS | 03-001/H345DB | 33-001/H345DB |
| ROTH | 05-001/H345DB | 55-001/H345DB |
| MBT / ROTH High Torque | 06-001/H345DB | 66-001/H345DB |
| HASUND | 04-001/H345DB | |
| HILGERS | 07-001/H345DB | |
| RICKETTS | 02-001/H345DB | |

Contact us for your personal item number based on your MIX & MATCH selection!
For 10 patient cases packed in our XL-Tray, please add the surfix "/10" to the respective item number.





# BIJOU™ NICKEL FREE
# BIJOU MASTER™
# BIJOU VERTICAL MASTER™



## PERFORMANCE

A classique bracket with center scribe line for conventional placement and ball hooks. Available in standard, with a vertical slot or nickel free.

## POWER

Easily to integrate in any office due to the classique design.

## SPEED

Rhomboidal shape and color coded for easy identification.

## EXTRA BENEFIT

The BIJOU™ series allows you to easily switch to Adenta while using up your existing bracket stock. Start right away to profit from the entire Adenta products & services.

## LOVE STORY

**All good things are wild and (nickel-)free!**

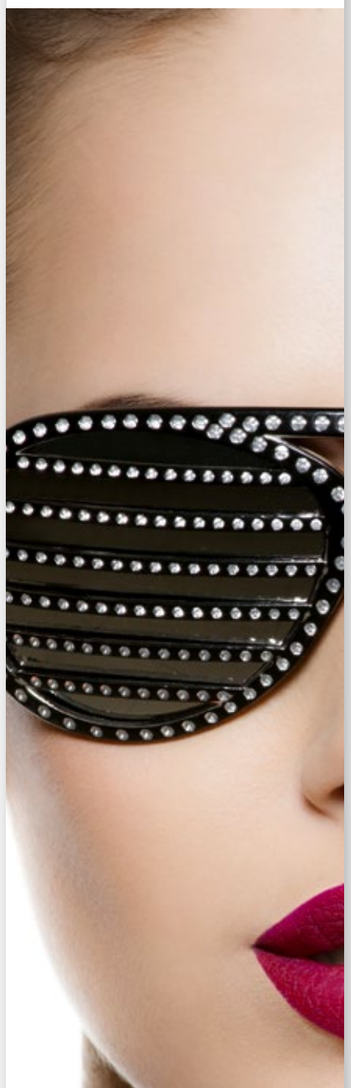
For metal bracket lovers that search for the nickel-free alternative!
For vertical slot lovers with that extra ligation & accessories option.

### BIJOU MASTER™

The modern version of the classic metal twin bracket with a traditional bracket size.

### BIJOU VERTICAL MASTER™

Uprighting springs, rotating springs, power arms, T-pins or elastic hooks – with the BIJOU VERTICAL MASTER™ bracket you are spoilt for choices!



BRINGING
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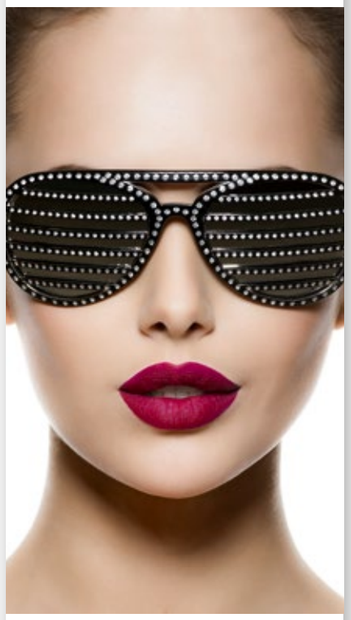
TO ORTHODONTICS



# BIJOU™ Nickel Free

| UPPER // MAXILLA | BIJOU NICKEL FREE | Prescription | Torque | Angul. | m/d width in mm |
|---|---|---|---|---|---|
| | Maxilla | | | | |
| | Central | ROTH | +12° | +5° | 3,7 |
| | Central | MBT | +17° | +4° | 3,7 |
| | | | | | |
| | Lateral | ROTH | +8° | +9° | 2,9 |
| | Lateral | MBT | +8° | +9° | 2,9 |
| | | | | | |
| | Cuspid | MBT | -7° | +9° | 3,0 |
| | Cuspid w. hook | MBT | -7° | +9° | 3,0 |
| | Cuspid | ROTH | -2° | +13° | 3,0 |
| | Cuspid w. hook | ROTH | -2° | +13° | 3,0 |
| | | | | | |
| | 1st + 2nd premolar | ROTH | -7° | 0° | 3,0 |
| | 1st + 2nd premolar w. hook | ROTH | -7° | 0° | 3,0 |
| | 1st + 2nd premolar | MBT | -7° | 0° | 3,0 |
| | 1st + 2nd premolar w. hook | MBT | -7° | 0° | 3,0 |

| Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|
| Right | Left | Right | Left | |
| 505-11 | 505-21 | 555-11 | 555-21 | Black gingival distal wing |
| 506-11 | 506-21 | 566-11 | 566-21 | Black gingival distal wing |
| | | | | |
| 505-12 | 505-22 | 555-12 | 555-22 | Pink gingival distal wing |
| 506-12 | 506-22 | 566-12 | 566-22 | Pink gingival distal wing |
| | | | | |
| 506-13 | 506-23 | 566-13 | 566-23 | Green gingival distal wing |
| 506-13/H | 506-23/H | 566-13/H | 566-23/H | Green gingival distal wing |
| 505-13 | 505-23 | 555-13 | 555-23 | Green gingival distal wing |
| 505-13/H | 505-23/H | 555-13/H | 555-23/H | Green gingival distal wing |
| | | | | |
| 505-14/25 | 505-14/25 | 555-14/25 | 555-14/25 | Purple gingival wings |
| 505-14/15/H | 505-24/25/H | 555-14/15/H | 555-24/25/H | Purple gingival wings |
| 506-14/25 | 506-14/25 | 566-14/25 | 566-14/25 | Purple gingival wings |
| 506-14/15/H | 506-24/25/H | 566-14/15/H | 566-24/25/H | Purple gingival wings |

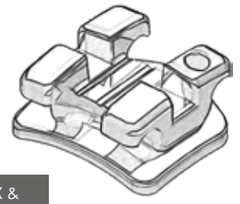
| LOWER // MANDIBULA | BIJOU NICKEL FREE | Prescription | Torque | Angul. | m/d width in mm |
|---|---|---|---|---|---|
| | Mandibula | | | | |
| | Lower anteriors | MBT | -6° | 0° | 2,6 |
| | Lower anteriors | ROTH | 0° | 0° | 2,6 |
| | | | | | |
| | Cuspid | ROTH | -11° | +7° | 3,0 |
| | Cuspid w. hook | ROTH | -11° | +7° | 3,0 |
| | Cuspid | MBT | -6° | +3° | 3,0 |
| | Cuspid w. hook | MBT | -6° | +3° | 3,0 |
| | | | | | |
| | 1st premolar | ROTH | -17° | 0° | 3,0 |
| | 1st premolar w. hook | ROTH | -17° | 0° | 3,0 |
| | 1st premolar | MBT | -12° | +2° | 3,0 |
| | 1st premolar w. hook | MBT | -12° | +2° | 3,0 |
| | | | | | |
| | 2nd premolar | ROTH | -22° | 0° | 3,0 |
| | 2nd premolar w. hook | ROTH | -22° | 0° | 3,0 |
| | 2nd premolar | MBT | -17° | +2° | 3,0 |
| | 2nd premolar w. hook | MBT | -17° | +2° | 3,0 |

| Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|
| Right | Left | Right | Left | |
| 506-31/42 | 506-31/42 | 566-31/42 | 566-31/42 | Yellow gingival wings |
| 505-31/42 | 505-31/42 | 555-31/42 | 555-31/42 | Yellow gingival wings |
| | | | | |
| 505-43 | 505-33 | 555-43 | 555-33 | Aqua gingival distal wing |
| 505-43/H | 505-33/H | 555-43/H | 555-33/H | Aqua gingival distal wing |
| 506-43 | 506-33 | 566-43 | 566-33 | Aqua gingival distal wing |
| 506-43/H | 506-33/H | 566-43/H | 566-33/H | Aqua gingival distal wing |
| | | | | |
| 505-44 | 505-34 | 555-44 | 555-34 | White gingival distal wing |
| 505-44/H | 505-34/H | 555-44/H | 555-34/H | White gingival distal wing |
| 506-44 | 506-34 | 566-44 | 566-34 | White gingival distal wing |
| 506-44/H | 506-34/H | 566-44/H | 566-34/H | White gingival distal wing |
| | | | | |
| 505-45 | 505-35 | 555-45 | 555-35 | Red gingival distal wing |
| 505-45/H | 505-35/H | 555-45/H | 555-35/H | Red gingival distal wing |
| 506-45 | 506-35 | 566-45 | 566-35 | Red gingival distal wing |
| 506-45/H | 506-35/H | 566-45/H | 566-35/H | Red gingival distal wing |

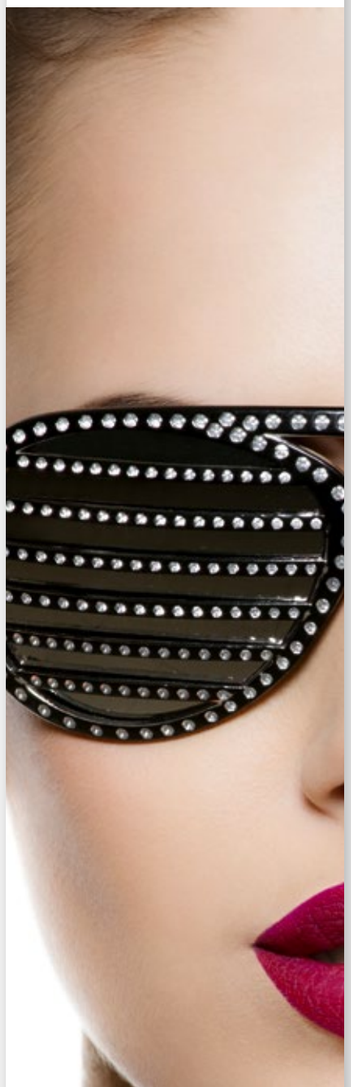
| | 5-5 Upper & Lower | |
|---|---|---|
| | .018" | .022" |
| ROTH | 505-001 | 555-001 |
| MBT | 506-001 | 566-001 |

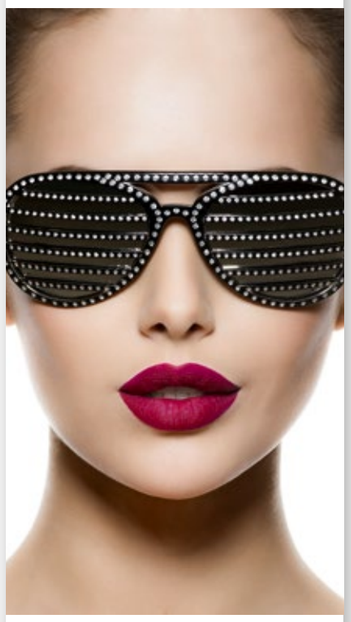
| | 5-5 Upper & Lower with hook on cuspids | |
|---|---|---|
| | .018" | .022" |
| ROTH | 505-001/H | 555-001/H |
| MBT | 506-001/H | 566-001/H |

| | 5-5 Upper & Lower with hook on cuspids and premolars | |
|---|---|---|
| | .018" | .022" |
| ROTH | 505-001/H345 | 555-001/H345 |
| MBT | 506-001/H345 | 566-001/H345 |



Contact us for your personal item number based on your MIX & MATCH selection!
For 10 patient cases packed in our XL-Tray, please add the surfix "/10" to the respective item number.





# BIJOU MASTER™

UPPER // MAXILLA

| BIJOU MASTER | Prescription | Torque | Angul. | m/d width in mm |
|---|---|---|---|---|
| Maxilla | | | | |
| Central | ROTH | +12° | +5° | 3,5 |
| Central | MBT | +17° | +4° | 3,5 |
| | | | | |
| Lateral | ROTH | +8° | +9° | 2,9 |
| Lateral | MBT | +10° | +8° | 2,9 |
| | | | | |
| Cuspid | MBT | -7° | +8° | 3,1 |
| Cuspid w. hook | MBT | -7° | +8° | 3,1 |
| Cuspid | ROTH | 0° | +11° | 3,1 |
| Cuspid w. hook | ROTH | 0° | +11° | 3,1 |
| | | | | |
| 1st + 2nd premolar | ROTH | -7° | 0° | 3,1 |
| 1st + 2nd premolar w. hook | ROTH | -7° | 0° | 3,1 |
| 1st + 2nd premolar | MBT | -7° | 0° | 3,1 |
| 1st + 2nd premolar w. hook | MBT | -7° | 0° | 3,1 |

| Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|
| | | | | |
| 305-11 | 305-21 | 355-11 | 355-21 | Orange gingival distal wing |
| 306-11 | 306-21 | 366-11 | 366-21 | Orange gingival distal wing |
| | | | | |
| 305-12 | 305-22 | 355-12 | 355-22 | White gingival distal wing |
| 306-12 | 306-22 | 366-12 | 366-22 | White gingival distal wing |
| | | | | |
| 306-13 | 306-23 | 366-13 | 366-23 | Blue gingival distal wing |
| 306-13/H | 306-23/H | 366-13/H | 366-23/H | Blue gingival distal wing |
| 305-13 | 305-23 | 355-13 | 355-23 | Blue gingival distal wing |
| 305-13/H | 305-23/H | 355-13/H | 355-23/H | Blue gingival distal wing |
| | | | | |
| 305-14/25 | 305-14/25 | 355-14/25 | 355-14/25 | Red gingival wings |
| 305-14/15/H | 305-24/25/H | 355-14/15/H | 355-24/25/H | Red gingival distal wing |
| 306-14/25 | 306-14/25 | 366-14/25 | 366-14/25 | Red gingival wings |
| 306-14/15/H | 306-24/25/H | 366-14/15/H | 366-24/25/H | Red gingival distal wing |

LOWER // MANDIBULA

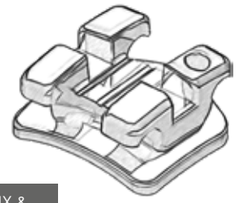
| BIJOU MASTER | Prescription | Torque | Angul. | m/d width in mm |
|---|---|---|---|---|
| Mandibula | | | | |
| Lower anteriors | MBT | -6° | 0° | 2,5 |
| Lower anteriors | ROTH | 0° | 0° | 2,5 |
| | | | | |
| Cuspid | ROTH | -11° | +5° | 3,1 |
| Cuspid w. hook | ROTH | -11° | +5° | 3,1 |
| Cuspid | MBT | -6° | +3° | 3,1 |
| Cuspid w. hook | MBT | -6° | +3° | 3,1 |
| | | | | |
| 1st premolar | ROTH | -17° | 0° | 3,1 |
| 1st premolar w. hook | ROTH | -17° | 0° | 3,1 |
| 1st premolar | MBT | -12° | 0° | 3,1 |
| 1st premolar w. hook | MBT | -12° | 0° | 3,1 |
| | | | | |
| 2nd premolar | ROTH | -22° | 0° | 3,1 |
| 2nd premolar w. hook | ROTH | -22° | 0° | 3,1 |
| 2nd premolar | MBT | -17° | 0° | 3,1 |
| 2nd premolar w. hook | MBT | -17° | 0° | 3,1 |

| Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|
| Right | Left | Right | Left | |
| 306-31/42 | 306-31/42 | 366-31/42 | 366-31/42 | Black gingival wings |
| 305-31/42 | 305-31/42 | 355-31/42 | 355-31/42 | Black gingival wings |
| | | | | |
| 305-43 | 305-33 | 355-43 | 355-33 | Green gingival distal wing |
| 305-43/H | 305-33/H | 355-43/H | 355-33/H | Green gingival distal wing |
| 306-43 | 306-33 | 366-43 | 366-33 | Green gingival distal wing |
| 306-43/H | 306-33/H | 366-43/H | 366-33/H | Green gingival distal wing |
| | | | | |
| 305-44 | 305-34 | 355-44 | 355-34 | Aqua gingival distal wing |
| 305-44/H | 305-34/H | 355-44/H | 355-34/H | Aqua gingival distal wing |
| 306-44 | 306-34 | 366-44 | 366-34 | Aqua gingival distal wing |
| 306-44/H | 306-34/H | 366-44/H | 366-34/H | Aqua gingival distal wing |
| | | | | |
| 305-45 | 305-35 | 355-45 | 355-35 | Yellow gingival distal wing |
| 305-45/H | 305-35/H | 355-45/H | 355-35/H | Yellow gingival distal wing |
| 306-45 | 306-35 | 366-45 | 366-35 | Yellow gingival distal wing |
| 306-45/H | 306-35/H | 366-45/H | 366-35/H | Yellow gingival distal wing |

| | 5-5 Upper & Lower | |
|---|---|---|
| | .018" | .022" |
| ROTH | 505-001 | 555-001 |
| MBT | 506-001 | 566-001 |

| | 5-5 Upper & Lower with hook on cuspids | |
|---|---|---|
| | .018" | .022" |
| ROTH | 505-001/H | 555-001/H |
| MBT | 506-001/H | 566-001/H |

| | 5-5 Upper & Lower with hook on cuspids and premolars | |
|---|---|---|
| | .018" | .022" |
| ROTH | 505-001/H345 | 555-001/H345 |
| MBT | 506-001/H345 | 566-001/H345 |



Contact us for your personal item number based on your MIX & MATCH selection!
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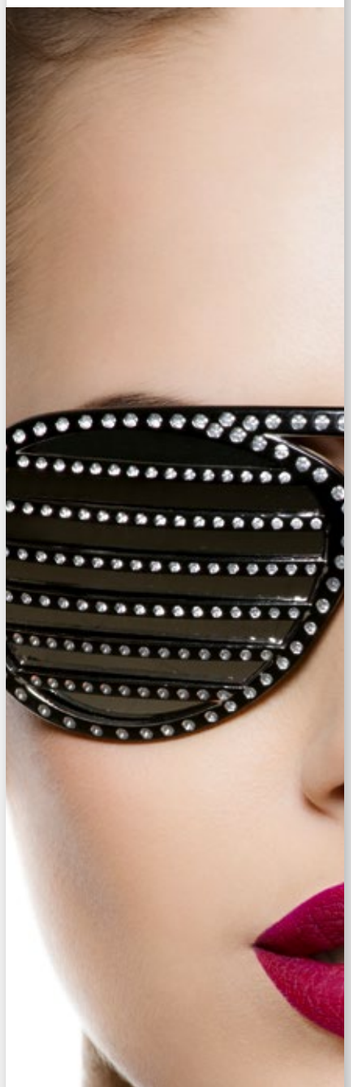
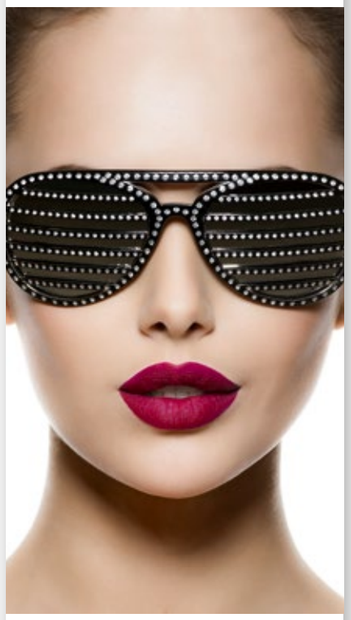


BRINGING GERMAN ENGINEERING TO ORTHODONTICS



# BIJOU VERTICAL MASTER™

| | BIJOU VERTICAL MASTER | Prescription | Torque | Angul. | m/d width in mm |
|---|---|---|---|---|---|
| UPPER // MAXILLA | Maxilla | | | | |
| | Central | ROTH | +12° | +5° | 3,5 |
| | | | | | |
| | Lateral | ROTH | +8° | +9° | 2,9 |
| | | | | | |
| | Cuspid | ROTH | 0° | +11° | 3,1 |
| | Cuspid w. hook | ROTH | 0° | +11° | 3,1 |
| | | | | | |
| | 1st + 2nd premolar | ROTH | -7° | 0° | 3,1 |
| | 1st + 2nd premolar w. hook | ROTH | -7° | 0° | 3,1 |

| Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|
| | | | | |
| 305V-11 | 305V-21 | 355V-11 | 355V-21 | Orange gingival distal wing |
| | | | | |
| 305V-12 | 305V-22 | 355V-12 | 355V-22 | White gingival distal wing |
| | | | | |
| 305V-13 | 305V-23 | 355V-13 | 355V-23 | Blue gingival distal wing |
| 305V-13/H | 305V-23/H | 355V-13/H | 355V-23/H | Blue gingival distal wing |
| | | | | |
| 305V-14/25 | 305V-14/25 | 355V-14/25 | 355V-14/25 | Red gingival wings |
| 305V-14/15/H | 305V-24/25/H | 355V-14/15/H | 355V-24/25/H | Red gingival distal wing |

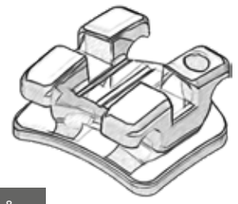
| | BIJOU VERTICAL MASTER | Prescription | Torque | Angul. | m/d width in mm |
|---|---|---|---|---|---|
| LOWER // MANDIBULA | Mandibula | | | | |
| | Lower anteriors | ROTH | 0° | 0° | 2,5 |
| | | | | | |
| | Cuspid | ROTH | -11° | +5° | 3,1 |
| | Cuspid w. hook | ROTH | -11° | +5° | 3,1 |
| | | | | | |
| | 1st premolar | ROTH | -17° | 0° | 3,1 |
| | 1st premolar w. hook | ROTH | -17° | 0° | 3,1 |
| | | | | | |
| | 2nd premolar | ROTH | -22° | 0° | 3,1 |
| | 2nd premolar w. hook | ROTH | -22° | 0° | 3,1 |

| Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|
| Right | Left | Right | Left | |
| 305V-31/42 | 305V-31/42 | 355V-31/42 | 355V-31/42 | Black gingival wings |
| | | | | |
| 305V-43 | 305V-33 | 355V-43 | 355V-33 | Green gingival distal wing |
| 305V-43/H | 305V-33/H | 355V-43/H | 355V-33/H | Green gingival distal wing |
| | | | | |
| 305V-44 | 305V-34 | 355V-44 | 355V-34 | Aqua gingival distal wing |
| 305V-44/H | 305V-34/H | 355V-44/H | 355V-34/H | Aqua gingival distal wing |
| | | | | |
| 305V-45 | 305V-35 | 355V-45 | 355V-35 | Yellow gingival distal wing |
| 305V-45/H | 305V-35/H | 355V-45/H | 355V-35/H | Yellow gingival distal wing |

| | 5-5 Upper & Lower | |
|---|---|---|
| | .018" | .022" |
| ROTH | 305V-001 | 355V-001 |

| | 5-5 Upper & Lower with hook on cuspids | |
|---|---|---|
| | .018" | .022" |
| ROTH | 305V-001/H | 355V-001/H |

| | 5-5 Upper & Lower with hook on cuspids and premolars | |
|---|---|---|
| | .018" | .022" |
| ROTH | 305V-001/H345 | 355V-001/H345 |



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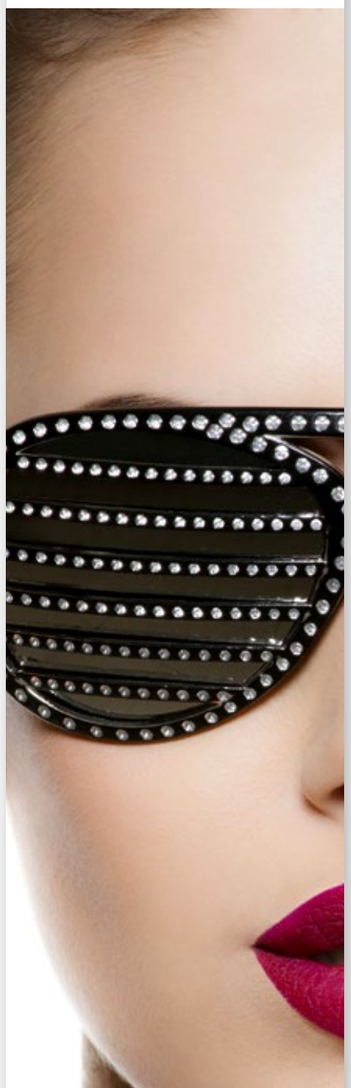
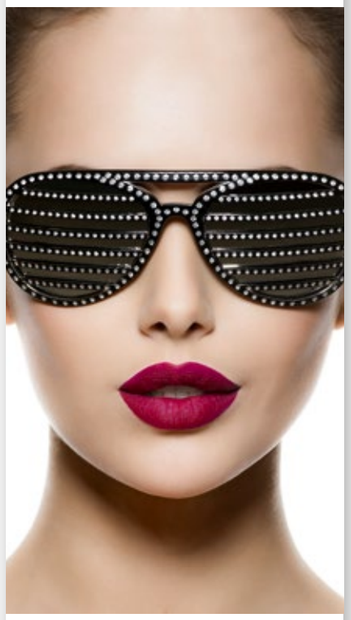




# BIJOU™ Stainless Steel

| | BIJOU STAINLESS STEEL | Prescription | Torque | Angul. | m/d width in mm |
|---|---|---|---|---|---|
| UPPER // MAXILLA | Maxilla | | | | |
| | Central | ROTH | +12° | +5° | 3,7 |
| | Central | MBT | +17° | +4° | 3,7 |
| | | | | | |
| | Lateral | ROTH | +8° | +9° | 2,9 |
| | Lateral | MBT | +8° | +9° | 2,9 |
| | | | | | |
| | Cuspid | MBT | -7° | +9° | 3,0 |
| | Cuspid w. hook | MBT | -7° | +9° | 3,0 |
| | Cuspid | ROTH | -2° | +13° | 3,0 |
| | Cuspid w. hook | ROTH | -2° | +13° | 3,0 |
| | | | | | |
| | 1st + 2nd premolar | ROTH | -7° | 0° | 3,0 |
| | 1st + 2nd premolar w. hook | ROTH | -7° | 0° | 3,0 |
| | 1st + 2nd premolar | MBT | -7° | 0° | 3,0 |
| | 1st + 2nd premolar w. hook | MBT | -7° | 0° | 3,0 |

| | BIJOU STAINLESS STEEL | Prescription | Torque | Angul. | m/d width in mm |
|---|---|---|---|---|---|
| LOWER // MANDIBULA | Mandibula | | | | |
| | Lower anteriors | MBT | -6° | 0° | 2,6 |
| | Lower anteriors | ROTH | 0° | 0° | 2,6 |
| | | | | | |
| | Cuspid | ROTH | -11° | +7° | 3,0 |
| | Cuspid w. hook | ROTH | -11° | +7° | 3,0 |
| | Cuspid | MBT | -6° | +3° | 3,0 |
| | Cuspid w. hook | MBT | -6° | +3° | 3,0 |
| | | | | | |
| | 1st premolar | ROTH | -17° | 0° | 3,0 |
| | 1st premolar w. hook | ROTH | -17° | 0° | 3,0 |
| | 1st premolar | MBT | -12° | +2° | 3,0 |
| | 1st premolar w. hook | MBT | -12° | +2° | 3,0 |
| | | | | | |
| | 2nd premolar | ROTH | -22° | 0° | 3,0 |
| | 2nd premolar w. hook | ROTH | -22° | 0° | 3,0 |
| | 2nd premolar | MBT | -17° | +2° | 3,0 |
| | 2nd premolar w. hook | MBT | -17° | +2° | 3,0 |

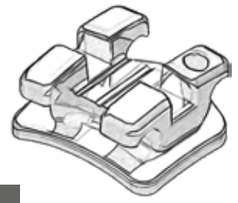
| | 5-5 Upper & Lower with hook on cuspids and premolars | |
|---|---|---|
| | .018" | .022" |
| ROTH | 705-001/H345 | 755-001/H345 |
| MBT | 706-001/H345 | 766-001/H345 |

| | 5-5 Upper & Lower with hook on cuspids | |
|---|---|---|
| | .018" | .022" |
| ROTH | 705-001/H | 755-001/H |
| MBT | 706-001/H | 766-001/H |

| | 5-5 Upper & Lower with hook on cuspids and premolars | |
|---|---|---|
| | .018" | .022" |
| ROTH | 705-001/H345 | 755-001/H345 |
| MBT | 706-001/H345 | 766-001/H345 |

| Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|
| | | | | |
| 705-11 | 705-21 | 755-11 | 755-21 | Black gingival distal wing |
| 706-11 | 706-21 | 766-11 | 766-21 | Black gingival distal wing |
| | | | | |
| 705-12 | 705-22 | 755-12 | 755-22 | Pink gingival distal wing |
| 706-12 | 706-22 | 766-12 | 766-22 | Pink gingival distal wing |
| | | | | |
| 706-13 | 706-23 | 766-13 | 766-23 | Green gingival distal wing |
| 706-13/H | 706-23/H | 766-13/H | 766-23/H | Green gingival distal wing |
| 705-13 | 705-23 | 755-13 | 755-23 | Green gingival distal wing |
| 705-13/H | 705-23/H | 755-13/H | 755-23/H | Green gingival distal wing |
| | | | | |
| 705-14/25 | 705-14/25 | 755-14/25 | 755-14/25 | Purple gingival wings |
| 705-14/15/H | 705-24/25/H | 755-14/15/H | 755-24/25/H | Purple gingival wings |
| 706-14/25 | 706-14/25 | 766-14/25 | 766-14/25 | Purple gingival wings |
| 706-14/15/H | 706-24/25/H | 766-14/15/H | 766-24/25/H | Purple gingival wings |

| Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|
| Right | Left | Right | Left | |
| 706-31/42 | 706-31/42 | 766-31/42 | 766-31/42 | Yellow gingival wings |
| 705-31/42 | 705-31/42 | 755-31/42 | 755-31/42 | Yellow gingival wings |
| | | | | |
| 705-43 | 705-33 | 755-43 | 755-33 | Aqua gingival distal wing |
| 705-43/H | 705-33/H | 755-43/H | 755-33/H | Aqua gingival distal wing |
| 706-43 | 706-33 | 766-43 | 766-33 | Aqua gingival distal wing |
| 706-43/H | 706-33/H | 766-43/H | 766-33/H | Aqua gingival distal wing |
| | | | | |
| 705-44 | 705-34 | 755-44 | 755-34 | White gingival distal wing |
| 705-44/H | 705-34/H | 755-44/H | 755-34/H | White gingival distal wing |
| 706-44 | 706-34 | 766-44 | 766-34 | White gingival distal wing |
| 706-44/H | 706-34/H | 766-44/H | 766-34/H | White gingival distal wing |
| | | | | |
| 705-45 | 705-35 | 755-45 | 755-35 | Red gingival distal wing |
| 705-45/H | 705-35/H | 755-45/H | 755-35/H | Red gingival distal wing |
| 706-45 | 706-35 | 766-45 | 766-35 | Red gingival distal wing |
| 706-45/H | 706-35/H | 766-45/H | 766-35/H | Red gingival distal wing |



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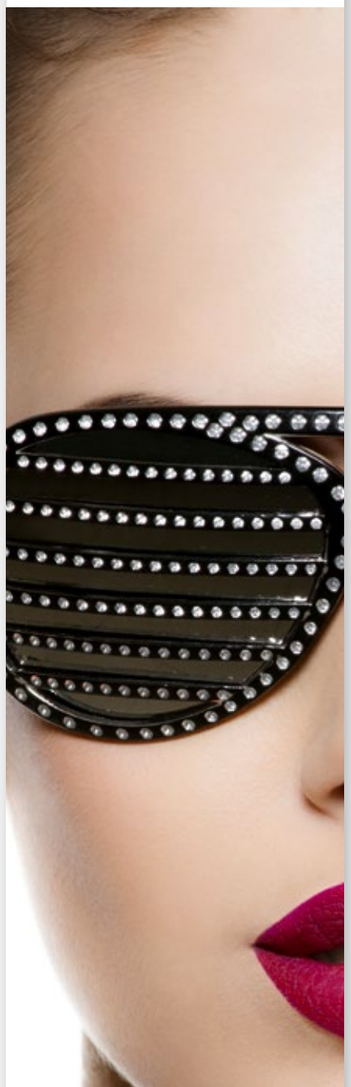
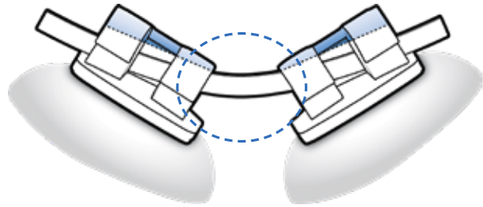
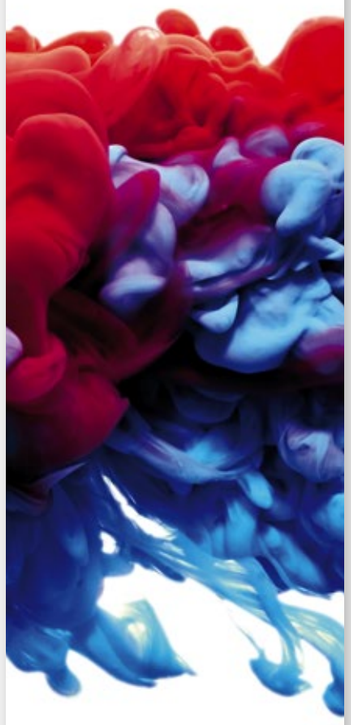


# SELF-LIGATING BRACKETS
## AT ITS BEST PERFOMANCE

EVOLUTION SLT™

FLAIR SLT™





The biomechanical non-locking dynamic clip - fulfilling all the requirements for optimal ligation for the ultimate in control, efficiency, and results.

### ENSURE FULL BRACKET ENGAGEMENT OF THE ARCHWIRE
A dynamic spring clip gently and without loss of power pushes the arch wire to the slot base. This type of efficiency ensures effective rotation and torque control allowing earlier archwire changes and insertions and less visit frequency.

### SECURE ROBUST LIGATION
Secure, reliable ligation that can withstand the rigors of full orthodontic treatment, provides the power for efficient and continuous tooth movement.

### RELIABLE & EASY OPENING AND CLOSING
Very little force is needed to open and close the self-ligating clip, even with not ideal oral hygiene.

### EASY IDENTIFICATION
Permanent laser marking on the bracket clip.

### INVISIBLE HOOKS ASSIST IN GOOD ORAL HYGIENE
No hooks and a streamline design reduces the accumulation of debris. The entire bracket can be used as a hook for intraoral elastics and chains.

### REDUCING UNDESIRABLE FORCES
Passive with round wires producing low friction movement and active with rectangular wires.

FULL MESIAL/DISTAL WIRE ENGAGEMENT FOR FULL ROTATION CONTROL

### QUICK AND EASY TO USE
No complicated instrument is needed to operate the spring clip, it requires very little force to open or close, our doctors report faster archwire changes.

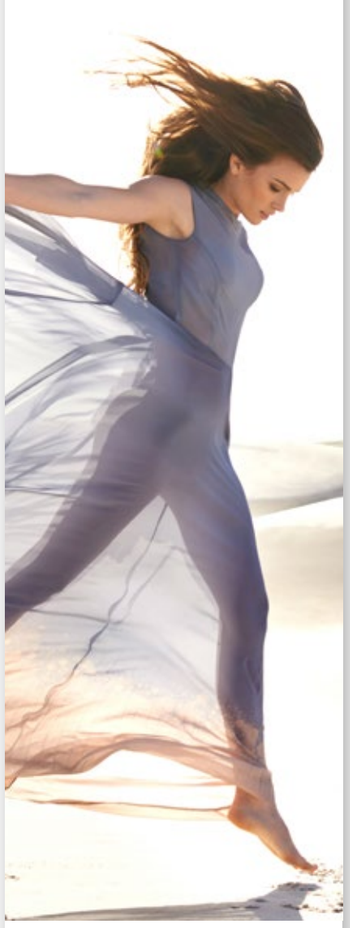
### THE SOFTER SIDE OF BRACES
The dynamic clip design offers a new friction experience. Wire deflection is significantly reduced, binding is minimized, and forces are within the ideal range, resulting in accelerated orthodontic tooth movement.

### REDUCTION IN PAIN
Matching the clip force with the malocclusion produces less friction and appropriate pressure – patients report significantly less pain during treatment.

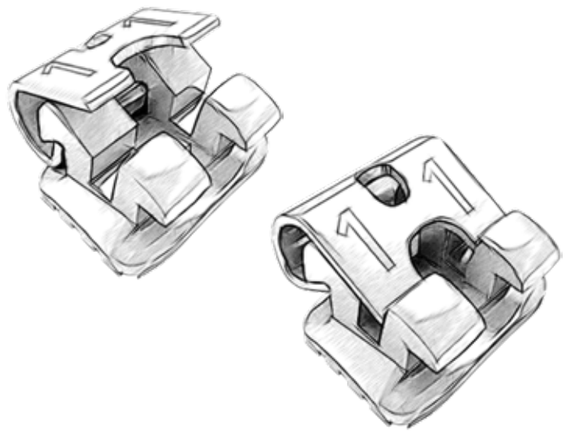
### REDUCE BINDING - MINIMIZE NOTCHING
Designed to meet the optimal biomechanical force levels, permanent wire deformations due to rotations are significantly reduced. The clip & wire interaction results in optimized biomechanical tooth moving forces.

### NO LOSS OF POWER
Provides an active force of approx. 650 grams “power range” which is the ideal force required for the controlled pathology of osteoclast and osteoblast. You will need less force for tooth movement, lighter wires can be used, and treatment progresses within a healthy range faster.

BRINGING
GERMAN ENGINEERING
TO ORTHODONTICS



# FLAIR SLT™



## PERFORMANCE

Slot precision is what makes our CNC milled brackets the top performers in your practice. We know that accurate and efficient transmission of the chosen prescription will enable you to finish your cases without slot caused detailing. Key performance when you need it!

## POWER

This clip is designed to produce ideal forces for safe and efficient tooth movement by providing aprox. 650 grams “power range”. This power ranges is ideal for the controlled pathology of all osteoclast and osteoblast.

## SPEED

The FLAIR SLT™ clip gently and without loss of power pushes the archwire into slot for a precise fit. This ensures effective rotation and torque control allowing earlier archwire changes and less visit frequency.

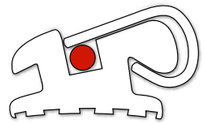
## EXTRA BENEFIT

Expedite arch development, start with early torque control and finish with less visits - benefit from efficient cases and gain approx. 30% extra time for more patients.

## LOVE STORY

Is your self-ligating bracket working hard for you or are you working hard for it?
Based on biomechanical forces, the clip is designed to provide constant tooth moving forces for accelerated orthodontic tooth movement with easy and reliable opening & closing mechanism.

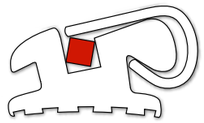
## PASSIVE



Significant reduction in frictional forces with smaller round wires:

- Efficiency increase
- Better sliding mechanics
- Rapid alignment
- Facilitating tissue response

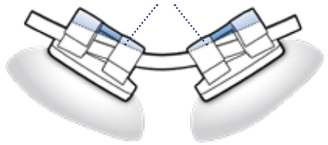
## ACTIVE



Torque moments are activated with rectangular wires as the wire is now large enough to touch the self-ligating clip. The clip actively and continually seats the wire to the base of the bracket slot for full prescription expression.

- Full expression of torque
- Optimal control of movement
- Early torque control
- Treatment efficiency reduces treatment time
- Early torque control
- Full expression of torque
- Higher treatment efficiency for reduced treatment time

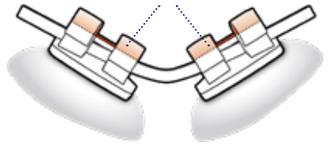
FLAIR SLT™ non-locking clip



Dynamic non-locking clip produces ideal controllable forces as wire deflection is reduced significantly.

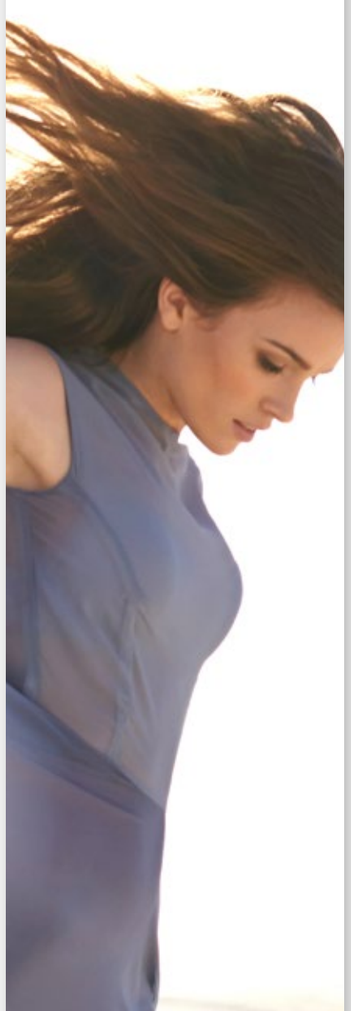
- Ideal forces
- Reduction in friction
- Reduction in pain
- Reduces binding
- Minimizes notching

Common rigid locked clip

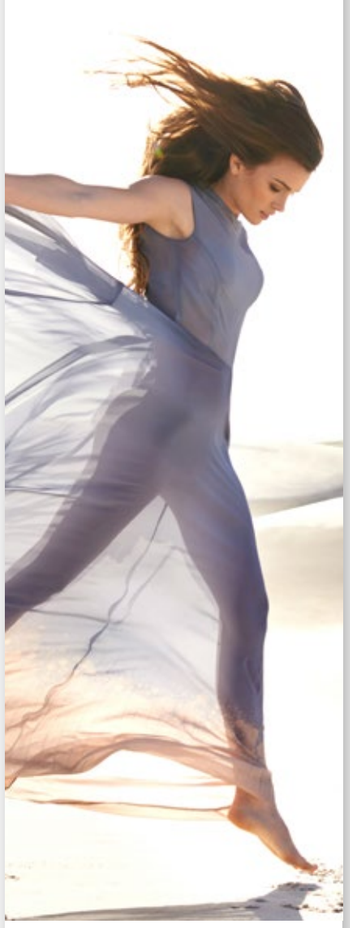


The locked clip turns your bracket in a “convertible tube”; the slot produces excessive wire deflection.

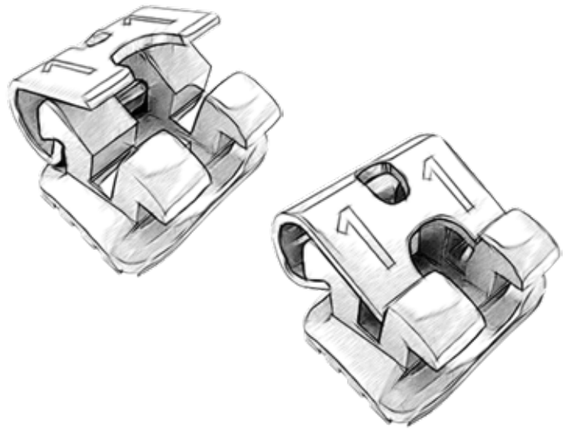
- Unacceptable forces
- Undesired friction
- Increase in pain
- Increased binding
- Binding in-turn produces notching



BRINGING
GERMAN ENGINEERING
TO ORTHODONTICS



# FLAIR SLT™

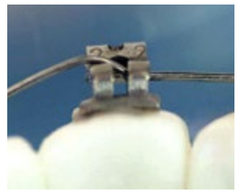


## Easy to open ...

The FLAIR SLT™ 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.

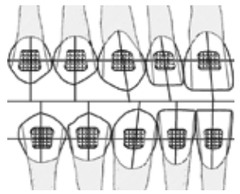
## ... Easy to close

Clip opens with a flip gingivally.
Less off-bites with overbites.
Easy to open even with bad oral hygiene.
Insert the opening instrument into the hole located on the top of the clip. Hold the opening instrument between your thumb and forefinger, make a small rotation by rolling the instrument between your fingers gingivally.



## Built-in Over-Rotation Arch

The built-in rotation arch of the Adenta FLAIR SLT™ self-ligating clip allows to directly over-rotate a tooth with a heat-activated Adenta THERMADENT™ archwire .012″.



## Easy positioning

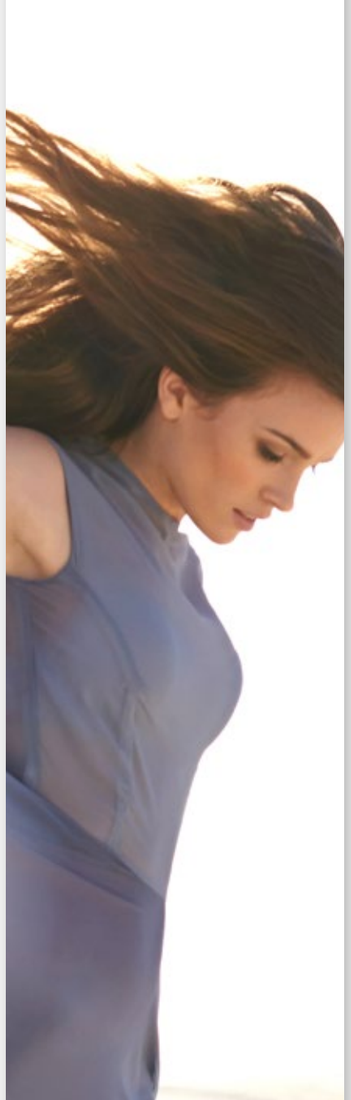
The anatomical base allows for precise bonding, reducing the margin of error in positioning brackets.

## 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-Soyal, University of Toronto, Ontario, Canada, 1999)

## Ultra low In/OUT

As a unique milled one-piece bracket the FLAIR SLT™ bracket is characterized by a remarkable proximity of the archwire to the point of force application - for an efficient and biomechanical force management.



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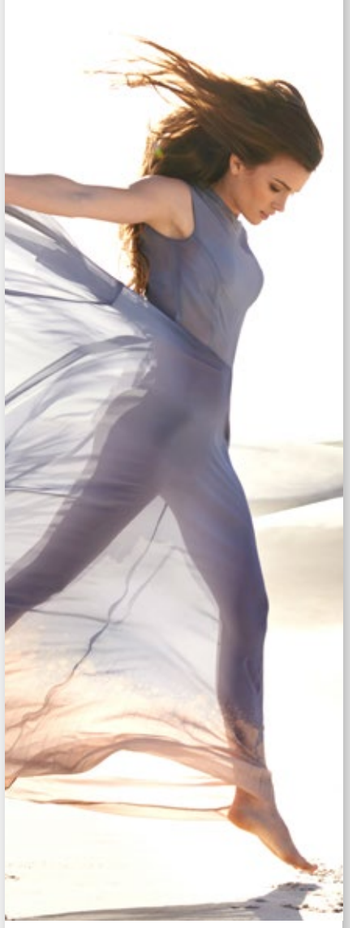
GERMAN ENGINEERING
TO ORTHODONTICS



# FLAIR SLT™

UPPER // MAXILLA

| FLAIR SLT | Prescription | Torque | Angul. | IN/OUT in mm | m/d width in mm | Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|---|---|---|---|---|---|
| Maxilla | | | | | | Right | Left | Right | Left | |
| Central | ROTH | +12° | +5° | 0,60 | 2,50 | 205M-11 | 205M-21 | 255M-11 | 255M-21 | |
| Central | SPECIAL | +14° | +5° | 0,60 | 2,50 | 209M-11+14 | 209M-21+14 | 299M-11+14 | 299M-21+14 | Purple |
| Central | MBT | +17° | +5° | 0,60 | 2,50 | 206M-11 | 206M-21 | 266M-11 | 266M-21 | |
| Central | SPECIAL | +20° | +5° | 0,60 | 2,50 | 209M-11+20 | 209M-21+20 | 299M-11+20 | 299M-21+20 | Purple |
| Central | ROTH Advanced | +22° | +5° | 0,60 | 2,50 | 209M-11+22 | 209M-21+22 | 299M-11+22 | 299M-21+22 | Purple |
| | | | | | | | | | | |
| Lateral | SPECIAL | 0° | +9° | 0,95 | 2,50 | 209M-12-0 | 209M-22-0 | 299M-12-0 | 299M-22-0 | Purple |
| Lateral | ROTH | +8° | +9° | 0,95 | 2,50 | 205M-12 | 205M-22 | 255M-12 | 255M-22 | |
| Lateral | MBT | +10° | +9° | 0,95 | 2,50 | 206M-12 | 206M-22 | 266M-12 | 266M-22 | |
| Lateral | Bio Progressive | +14° | +9° | 0,95 | 2,50 | 209M-12+14 | 209M-22+14 | 299M-12+14 | 299M-22+14 | Purple |
| Lateral | SPECIAL | +17° | +9° | 0,95 | 2,50 | 209M-12+17 | 209M-22+17 | 299M-12+17 | 299M-22+17 | Purple |
| | | | | | | | | | | |
| Cuspid | MBT | -7° | +9° | 0,50 | 2,70 | 206M-13 | 206M-23 | 266M-13 | 266M-23 | |
| Cuspid | SPECIAL | -4° | +9° | 0,50 | 2,70 | 209M-13-4 | 209M-23-4 | 299M-13-4 | 299M-23-4 | Purple |
| Cuspid | ROTH | -2° | +9° | 0,50 | 2,70 | 205M-13 | 205M-23 | 255M-13 | 255M-23 | |
| Cuspid | ROTH Advanced | 0° | +9° | 0,50 | 2,70 | 209M-13-0 | 209M-23-0 | 299M-13-0 | 299M-23-0 | Purple |
| Cuspid | Bio-Progressive | +7° | +9° | 0,50 | 2,70 | 209M-13+7 | 209M-23+7 | 299M-13+7 | 299M-23+7 | Purple |
| Cuspid | SPECIAL | -9° | +9° | 0,50 | 2,70 | 209M-13-9 | 209M-23-9 | 299M-13-9 | 299M-23-9 | Purple |
| | | | | | | | | | | |
| 1st + 2nd premolar | ROTH / Bio Prog. | -7° | 0° | 0,60 | 2,70 | 205M-14/25 | 205M-14/25 | 255M-14/25 | 255M-14/25 | |
| 1st + 2nd premolar | MBT | -7° | 0° | 0,60 | 2,70 | 206M-14/25 | 206M-14/25 | 266M-14/25 | 266M-14/25 | |
| 1st + 2nd premolar | ROTH Advanced | 0° | 0° | 0,60 | 2,70 | 209M-14/45-0 | 209M-14/45-0 | 299M-14/45-0 | 299M-14/45-0 | Purple |
| | | | | | | | | | | |
| 1st + 2nd molar small base | ROTH / Bio Prog. | -10° | 0° | 0,60 | 2,70 | 205M-16/27 | 205M-16/27 | 255M-16/27 | 255M-16/27 | Blue |
| 1st + 2nd molar small base | MBT | -14° | 0° | 0,60 | 2,70 | 206M-16/27 | 206M-16/27 | 266M-16/27 | 266M-16/27 | Blue |
| | | | | | | | | | | |
| 1st + 2nd molar wide base | ROTH / Bio Prog. | -10° | 0° | 0,60 | 2,70 | 205M-16/27E | 205M-16/27E | 255M-16/27E | 255M-16/27E | Blue |
| 1st + 2nd molar wide base | MBT | -14° | 0° | 0,60 | 2,70 | 206M-16/27E | 206M-16/27E | 266M-16/27E | 266M-16/27E | Blue |

LOWER // MANDIBULA

| FLAIR SLT | Prescription | Torque | Angul. | IN/OUT in mm | m/d width in mm | Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|---|---|---|---|---|---|
| Mandibula | | | | | | Right | Left | Right | Left | |
| Lower anteriors | SPECIAL | -11° | 0° | 0,85 | 2,50 | 209M-31/42-11 | 209M-31/42-11 | 299M-31/42-11 | 299M-31/42-11 | Purple |
| Lower anteriors | SPECIAL | -9° | 0° | 0,85 | 2,50 | 209M-31/42-9 | 209M-31/42-9 | 299M-31/42-9 | 299M-31/42-9 | Purple |
| Lower anteriors | MBT | -6° | 0° | 0,85 | 2,50 | 206M-31/42 | 206M-31/42 | 266M-31/42 | 266M-31/42 | |
| Lower anteriors | ROTH / Bio Prog. | -1° | 0° | 0,85 | 2,50 | 205M-31/42 | 205M-31/42 | 255M-31/42 | 255M-31/42 | |
| Lower anteriors | SPECIAL | +6° | 0° | 0,85 | 2,50 | 209M-31/42+6 | 209M-31/42+6 | 299M-31/42+6 | 299M-31/42+6 | Purple |
| | | | | | | | | | | |
| Cuspid | ROTH | -11° | +7° | 0,50 | 2,70 | 205M-43 | 205M-33 | 255M-43 | 255M-33 | |
| Cuspid | MBT | -6° | +3° | 0,50 | 2,70 | 206M-43 | 206M-33 | 266M-43 | 266M-33 | |
| Cuspid | ROTH Advanced | -3° | +7° | 0,50 | 2,70 | 209M-43-3 | 209M-33-3 | 299M-43-3 | 299M-33-3 | Purple |
| Cuspid | ROTH Advanced | 0° | +7° | 0,50 | 2,70 | 209M-43-0 | 209M-33-0 | 299M-43-0 | 299M-33-0 | Purple |
| Cuspid | Bio-Progressive | +7° | +7° | 0,50 | 2,70 | 209M-43+7 | 209M-33+7 | 299M-43+7 | 299M-33+7 | Purple |
| | | | | | | | | | | |
| 1st premolar | ROTH | -17° | 0° | 0,60 | 2,70 | 205M-44 | 205M-34 | 255M-44 | 255M-34 | |
| 1st premolar | MBT / Bio Prog. | -12° | +2° | 0,60 | 2,70 | 206M-44 | 206M-34 | 266M-44 | 266M-34 | |
| 1st + 2nd premolar | ROTH Advanced | 0° | 0° | 0,60 | 2,70 | 209M-14/45-0 | 209M-14/45-0 | 299M-14/45-0 | 299M-14/45-0 | Purple |
| | | | | | | | | | | |
| 2nd premolar | ROTH | -22° | 0° | 0,60 | 2,70 | 205M-45 | 205M-35 | 255M-45 | 255M-35 | |
| 2nd premolar | MBT / Bio Prog. | -17° | +2° | 0,60 | 2,70 | 206M-45 | 206M-35 | 266M-45 | 266M-35 | |
| 2nd premolar | SPECIAL | -12° | 0° | 0,60 | 2,70 | 209M-45-12 | 209M-35-12 | 299M-45-12 | 299M-35-12 | Purple |
| | | | | | | | | | | |
| 1st + 2nd molar small base | ROTH / Bio Prog. | -25° | 0° | 0,60 | 2,70 | 205M-36/47 | 205M-36/47 | 255M-36/47 | 255M-36/47 | Green |
| 1st + 2nd molar small base | MBT | -20° | 0° | 0,60 | 2,70 | 206M-36/47 | 206M-36/47 | 266M-36/47 | 266M-36/47 | Green |
| 1st + 2nd molar small base | SPECIAL | -14° | 0° | 0,60 | 2,70 | 209M-36/47-14 | 209M-36/47-14 | 299M-36/47-14 | 299M-36/47-14 | Purple |
| | | | | | | | | | | |
| 1st + 2nd molar wide base | ROTH / Bio Prog. | -25° | 0° | 0,60 | 2,70 | 205M-36/47E | 205M-36/47E | 255M-36/47E | 255M-36/47E | Green |
| 1st + 2nd molar wide base | MBT | -20° | 0° | 0,60 | 2,70 | 206M-36/47E | 206M-36/47E | 266M-36/47E | 266M-36/47E | Green |
| 1st + 2nd molar wide base | SPECIAL | -14° | 0° | 0,60 | 2,70 | 209M-36/47E-14 | 209M-36/47E-14 | 299M-36/47E-14 | 299M-36/47E-14 | Purple |

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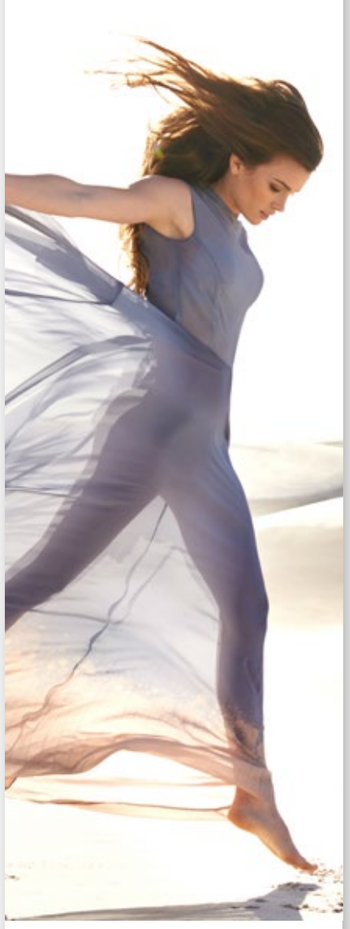
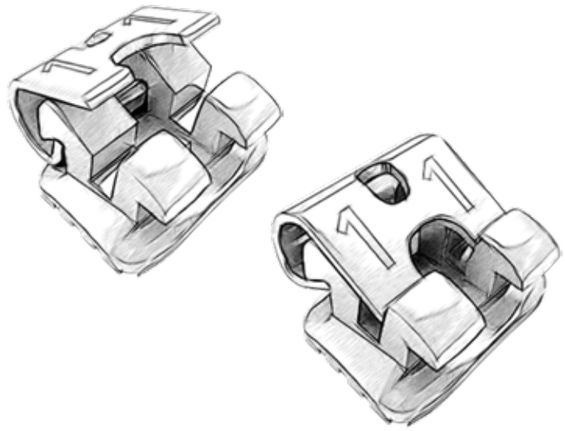


# FLAIR SLT™



Fully engage the archwire even in severe cases with crowding due to the dynamic clip design.

Courtesy of Dr. Carlos Cannilla, 2017

## Clinical case FLAIR SLT™ MBT .022

2016-02-18

2016-03-21

2016-05-18

2016-06-30

2017-07-10

2017-08-07

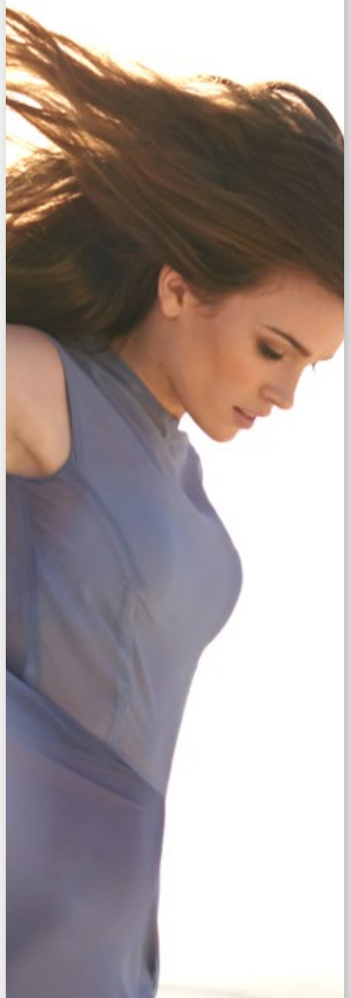
Courtesy of Dr. Ioan Barbur, 2017

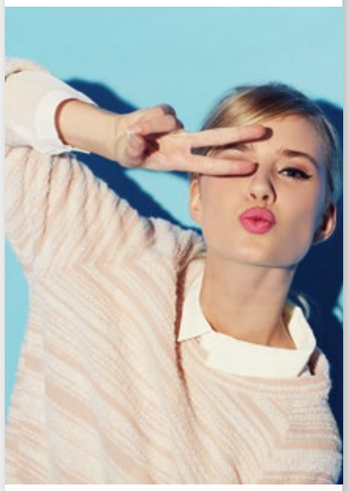
| | 5-5 Upper & Lower | |
|---|---|---|
| | .018" | .022" |
| ROTH | 205M-001 | 255M-001 |
| MBT | 206M-001 | 266M-001 |

| | 6-6 Upper & Lower | |
|---|---|---|
| | .018" | .022" |
| ROTH | 205M-006 | 255M-006 |
| MBT | 206M-006 | 266M-006 |

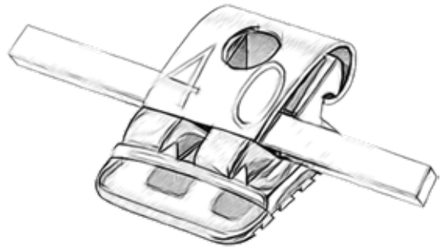
| | 7-7 Upper & Lower | |
|---|---|---|
| | .018" | .022" |
| ROTH | 205M-007 | 255M-007 |
| MBT | 206M-007 | 266M-007 |

Contact us for your personal item number based on your MIX & MATCH selection!
For 10 patient cases packed in our XL-Tray, please add the surfix "/10" to the respective item number.





# EVOLUTION SLT™



## LOVE STORY

The almighty non-locking dynamic clip for a purer more controlled lingual moment of force - healthy, safe, and harmonious biological forces.

This less complicated design produces a strong and efficient clip with an easy open and close function.

## PERFORMANCE

Our CNC milled slot is ultra precise and delivers a pure and accurate transmission of the prescription to finish your cases without any further detailing.

## POWER

The EVOLUTION SLT™ Clip gently and without loss of power pushes the archwire into slot for a precise fit. This type of efficiency ensures effective rotation and torque control allowing earlier archwire changes and less visit frequency.

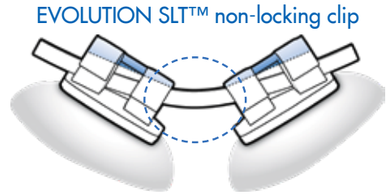
## SPEED

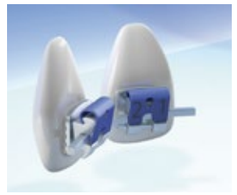
This clip is designed to produce ideal forces for safe and efficient tooth movement by providing approx. 650 grams “power range”. This power ranges is ideal for the controlled pathology of all osteoclast and osteoblast.

## EXTRA BENEFIT

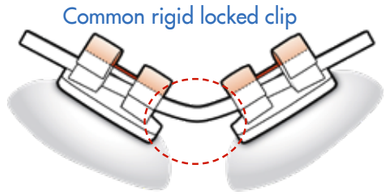
Freedom to choose – combine speed, precision, and customization that suits the individual needs of your practice.
Complete lab services available, supplying you with all the tools you need.
Simply bond your brackets and insert the pre-bent wire.

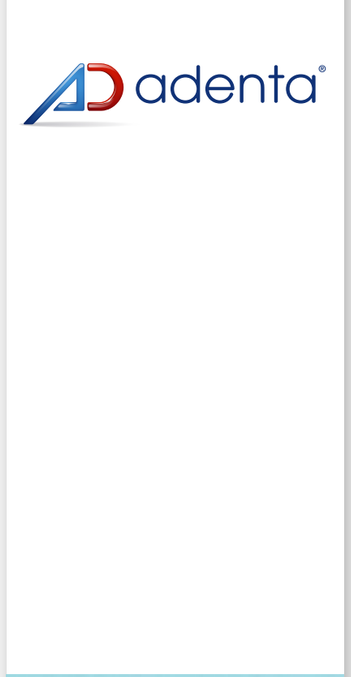
EVOLUTION SLT™ non-locking clip





Common rigid locked clip





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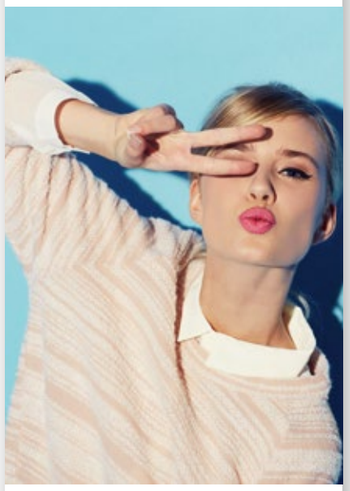
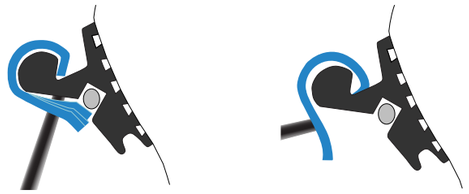
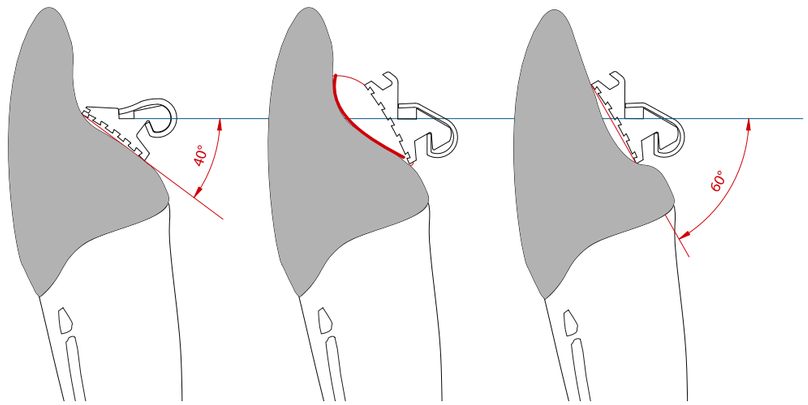


# EVOLUTION SLT™



## WHICH BRACKET – 40° or 60°

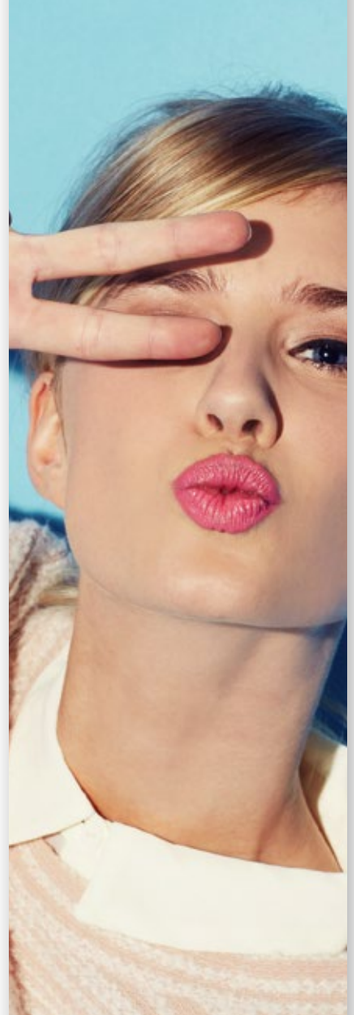
Due to the variation of the lingual crown surface, EVOLUTION SLT™ brackets are available with 40° and 60° base inclination. Choosing the correct degree will help to keep the customized base to be as thin as possible, creating a lower and more comfortable profile.




## Adenta's LINGUAL SERVICE

- Fully certified labs
- Listed in Orametrix / Suresmile, 3Shape and Onyxceph libraries
- Lingual courses
- Educated and experienced customer service

| EVOLUTION SLT | | | |
|---|---|---|---|
| | Base inclination | Upper | Lower |
| Central | 40° | 300-40 | 300-40 |
| Central | 60° | 300-60 | 300-60 |
| | | | |
| Lateral | 40° | 300-40 | 300-40 |
| Lateral | 60° | 300-60 | 300-60 |
| | | | |
| Cuspid | 40° | 300-40 | 300-40 |
| Cuspid | 60° | 300-60 | 300-60 |
| | | | |
| 1st + 2nd premolar | 10° | 300-14/45 | 300-14/45 |
| 1st + 2nd molar small base | 10° | 300-10S | 300-10S |
| 1st + 2nd molar wide base | 10° | 300-10W | 300-10W |



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# SMART CAP™

## LOVE STORY

Are you still bonding your lingual cases or are you already treating them? Inspired by the precision fit of individual shapes and forms, we developed our indirect bonding system for our lingual brackets with clinical precision.

## PERFORMANCE

SMART CAPS™ are single caps, customized for each patient. They provide an outstanding precision and the basis for an accurate lingual treatment.

## POWER

Solid and reusable, you can bond each tooth individually whenever it is time for them to become part of the lingual treatment.

## SPEED

Our individual transfer trays are based on the Smart Caps system and combine precision with the comfort of full arch bonding.

## EXTRA BENEFIT

Rebonding or delayed bonding has never been easier! Just insert the bracket into the individual Smart Cap and bond directly – no extra impression, no external lab involved. With the Smart Cap system, each tooth can be individually bonded or rebonded regardless of the treatment phase.

Individual SMART CAP™ indirect bonding tray

Full tray SMART CAP™ indirect lingual bonding

| INDIRECT BONDING COMPONENTS | | | |
|---|---|---|---|
| | SMART JIG | SMART BASE | SMART CONNECTOR |
| Central | 300-SJ-1 | 300-UB | 300-UC |
| Lateral | 300-SJ-1 | 300-UB | 300-UC |
| Cuspid | 300-SJ-1 | 300-UB | 300-UC |
| 1st + 2nd premolar | 300-SJ-2 | 300-UB | 300-UC |
| 1st + 2nd molar | 300-SJ-3 | 300-UB | 300-UC |

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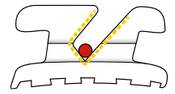
# JOY™

## PATIENT LOVE COMFORT

This ultra low lingual bracket is designed to reduce irritation of speech and tongue. With a full-sized slot, both 2D and 3D treatments are possible.



Offering modern lingual treatments at a reasonable price can be a challenge. Adenta's JOY™ lingual bracket provides you with exactly this option – an affordable and attractive choice for your patients.

You can avoid any costs for laboratories or waiting time as set-ups are not necessary, so you can work independently.

### 2D as well as 3D treatment options

The JOY™ lingual bracket is designed specifically for adult cases that have relapsed or that only require two dimensional treatments. If the 3rd dimension of torque is required, the use of rectangular wires and an indirect bonding tray is recommended.

## PERFORMANCE

The bracket is bonded closely to the center of resistance, offering excellent biomechanics for tipping and rotating teeth. The first treatment phase can be achieved remarkably fast, as most 2 dimensional cases range from 12 to 18 weeks. Generally, only 1 to 2 wires are required so treatment is fast and completely under your control.

## POWER

Taking into consideration that different bracket dimensions are required for the treatment of pre-molars and molars, the JOY™ (pre)- molar brackets are designed as true four wing brackets in order to offer the mesio-distal slot dimensions necessary for outstanding rotation and tip control.

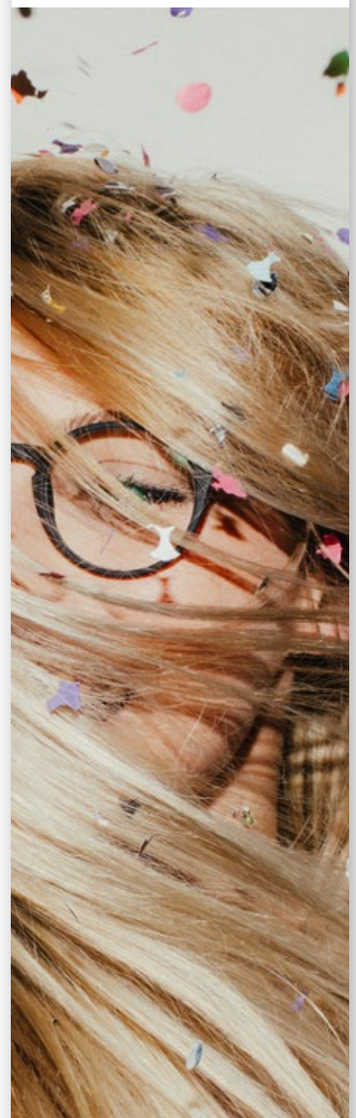
## SPEED

The JOY™ bracket's unique twin shoulder wing design enables the wire to slide with low friction. This supporting wing design significantly reduces friction between archwire and elastic ligature with wires up to .016". This reduction in friction enables the leveling phase to move more rapidly and efficiently.

## EXTRA BENEFIT

JOY™ lingual is one of the smallest lingual brackets on the market today and offers unlike other systems a manifold of treatment options. It is a cost-effective treatment design to easily fit into the busiest of practices, offering highest patient comfort and an uncomplicated direct bond application.

| JOY | | | |
|---|---|---|---|
| | Base inclination | Upper | Lower |
| Central | 40° | 350-40U | 350-40L |
| Central | 60° | 350-60U | 350-60L |
| | | | |
| Lateral | 40° | 350-40U | 350-40L |
| Lateral | 60° | 350-60U | 350-60L |
| | | | |
| Cuspid | 40° | 350-40U | 350-40L |
| Cuspid | 60° | 350-60U | 350-60L |
| | | | |
| 1st + 2nd premolar | 10° | 350-14/45 | 350-14/45 |
| 1st + 2nd molar | 10° | 350-16/47 | 350-16/47 |



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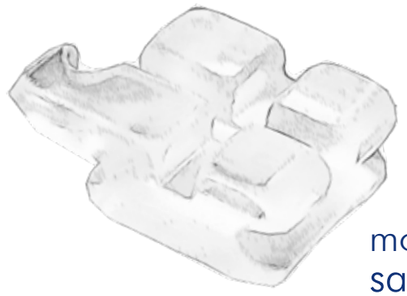
# INTERESTING FACT
## ABOUT CERAMIC MATERIAL

### DISCREET™ Plus

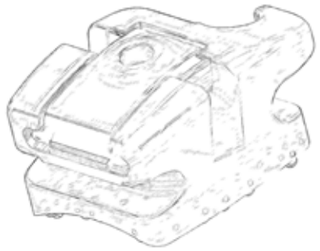
Adenta
α-Ceramic

### CLEAR™



monocrystalline
saphire

### BREEZE SL™



Adenta
α-Ceramic



adenta

### What is α-Ceramic?

Especially during fixed ceramic appliance therapy, friction is generated between bracket/wire and wire/ligature interfaces and is a critical factor in determining the efficiency of biological tooth movement. As teeth move, the wire needs to slide through the bracket slot.
To overcome ceramic's rigid nature resulting in debonding challenges and enamel abrasion, Adenta's α-Ceramic was developed.

It offers the following EXTRA benefits compared to monocrystalline and polycrystalline ceramics:

- No enamel abrasion due to material structure & hardness
- Stable low friction material allows faster leveling & alignment
- Splinter-free easy debonding without fractures of the enamel
- Minimal general fractures due to shock-absorbent material structure
- No discoloration during treatment
- No deformation during treatment

# DISCREET PLUS™

## LOVE STORY

How to overcome the clinical disadvantages of common ceramics? With Adenta's α-Ceramic you benefit from accelerated orthodontic tooth movement, splinter-free debonding and no enamel abrasion.

## PERFORMANCE

To avoid attrition of teeth we have combined new dental ceramic compounds, creating a strong and reliable bracket that eliminates the extreme hardness of common ceramic brackets.

## POWER

The new generation DISCREET PLUS™ is equipped with many EXTRA benefits: increased undertie wing cuts for more ligation space, additional base retention suitable for all light-cure bonding materials, extraordinary strong hooks for multiple mechanics.

## SPEED

Material integrated ultra low-friction enhances efficient leveling and alignment – the treatment progress is not extended due to common ceramic material friction.

## EXTRA BENEFIT

Accelerated tooth movement during leveling and alignment, low profile aesthetics during the entire treatment, hassle-free debonding, and no enamel abrasion – your orthodontic efficiency booster!

*WITH positioning guide*

*providing extra space for ligation options: elastics, chains, threads, ...*

*Without positioning guide*

In addition, the DISCREET Plus™ bracket combines a low profile bracket with that PLUS on undertie wings space for multiple ligation options, like elastic ligatures, chains, and threads. Your choice if you are looking for a full-sized aesthetic bracket.

BRINGING GERMAN ENGINEERING TO ORTHODONTICS

# DISCREET Plus™

UPPER // MAXILLA

| DISCREET PLUS | Prescription | Torque | Angul. | IN/OUT in mm | m/d width in mm |
|---|---|---|---|---|---|
| Maxilla | | | | | |
| Central | ROTH | +11° | +5° | 0,95 | 2,50 |
| Central | MBT | +17° | +4° | 1,10 | 2,50 |
| | | | | | |
| Lateral | ROTH | +8° | +9° | 1,30 | 2,50 |
| Lateral | MBT | +10° | +8° | 1,40 | 2,50 |
| | | | | | |
| Cuspid | MBT | 0° | +8° | 1,10 | 2,60 |
| Cuspid w. hook | MBT | 0° | +8° | 1,00 | 2,60 |
| Cuspid | ROTH | -2° | +8° | 1,00 | 2,60 |
| Cuspid w. hook | ROTH | -2° | +8° | 1,00 | 2,60 |
| | | | | | |
| 1st + 2nd premolar | ROTH | -7° | 0° | 1,10 | 2,60 |
| 1st + 2nd premolar w. hook | ROTH | -7° | 0° | 1,10 | 2,60 |
| 1st + 2nd premolar | MBT | -7° | 0° | 1,10 | 2,60 |
| 1st + 2nd premolar w. hook | MBT | -7° | 0° | 1,10 | 2,60 |

| Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|
| Right | Left | Right | Left | |
| 430-11 | 430-21 | 433-11 | 433-21 | Orange gingival distal wing |
| 440-11 | 440-21 | 444-11 | 444-21 | Orange gingival distal wing |
| | | | | |
| 430-12 | 430-22 | 433-12 | 433-22 | Green gingival distal wing |
| 440-12 | 440-22 | 444-12 | 444-22 | Green gingival distal wing |
| | | | | |
| 440-13 | 440-23 | 444-13 | 444-23 | Red gingival distal wing |
| 440-13/H | 440-23/H | 444-13/H | 444-23/H | Red gingival distal wing |
| 430-13 | 430-23 | 433-13 | 433-23 | Red gingival distal wing |
| 430-13/H | 430-23/H | 433-13/H | 433-23/H | Red gingival distal wing |
| | | | | |
| 430-14/25 | 430-14/25 | 433-14/25 | 433-14/25 | Blue gingival wings |
| 430-14/15/H | 430-24/25/H | 433-14/15/H | 433-24/25/H | Blue gingival distal wing |
| 440-14/25 | 440-14/25 | 444-14/25 | 444-14/25 | Blue gingival wings |
| 440-14/15/H | 440-24/25/H | 444-14/15/H | 444-24/25/H | Blue gingival distal wing |

LOWER // MANDIBULA

| DISCREET PLUS | Prescription | Torque | Angul. | IN/OUT in mm | m/d width in mm |
|---|---|---|---|---|---|
| Mandibula | | | | | |
| Lower anteriors | MBT | -6° | 0° | 1,10 | 2,50 |
| Lower anteriors | ROTH | 0° | 0° | 1,40 | 2,50 |
| | | | | | |
| Cuspid | ROTH | -11° | +7° | 1,00 | 2,60 |
| Cuspid w. hook | ROTH | -11° | +7° | 1,00 | 2,60 |
| Cuspid | MBT | 0° | +3° | 1,00 | 2,60 |
| Cuspid w. hook | MBT | 0° | +3° | 1,00 | 2,60 |
| | | | | | |
| 1st premolar | ROTH | -17° | +3° | 1,20 | 2,60 |
| 1st premolar w. hook | ROTH | -17° | +3° | 1,20 | 2,60 |
| 1st premolar | MBT | -12° | +2° | 1,20 | 2,60 |
| 1st premolar w. hook | MBT | -12° | +2° | 1,20 | 2,60 |
| | | | | | |
| 2nd premolar | ROTH | -21° | +6° | 1,30 | 2,60 |
| 2nd premolar w. hook | ROTH | -21° | +6° | 1,30 | 2,60 |
| 2nd premolar | MBT | -17° | +2° | 1,30 | 2,60 |
| 2nd premolar w. hook | MBT | -17° | +2° | 1,30 | 2,60 |

| Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|
| Right | Left | Right | Left | |
| 440-31/42 | 440-31/42 | 444-31/42 | 444-31/42 | Purple gingival wings |
| 430-31/42 | 430-31/42 | 433-31/42 | 433-31/42 | Purple gingival wings |
| | | | | |
| 430-43 | 430-33 | 433-43 | 433-33 | Yellow gingival distal wing |
| 430-43/H | 430-33/H | 433-43/H | 433-33/H | Yellow gingival distal wing |
| 440-43 | 440-33 | 444-43 | 444-33 | Yellow gingival distal wing |
| 440-43/H | 440-33/H | 444-43/H | 444-33/H | Yellow gingival distal wing |
| | | | | |
| 430-44 | 430-34 | 433-44 | 433-34 | Brown gingival distal wing |
| 430-44/H | 430-34/H | 433-44/H | 433-34/H | Brown gingival distal wing |
| 440-44 | 440-34 | 444-44 | 444-34 | Brown gingival distal wing |
| 440-44/H | 440-34/H | 444-44/H | 444-34/H | Brown gingival distal wing |
| | | | | |
| 430-45 | 430-35 | 433-45 | 433-35 | Black gingival distal wing |
| 430-45/H | 430-35/H | 433-45/H | 433-35/H | Black gingival distal wing |
| 440-45 | 440-35 | 444-45 | 444-35 | Black gingival distal wing |
| 440-45/H | 440-35/H | 444-45/H | 444-35/H | Black gingival distal wing |

| | 5-5 Upper & Lower | |
|---|---|---|
| | .018" | .022" |
| ROTH | 430-001 | 433-001 |
| MBT | 440-001 | 444-001 |

| | 5-5 Upper & Lower with hook on cuspids | |
|---|---|---|
| | .018" | .022" |
| ROTH | 430-001/H | 433-001/H |
| MBT | 440-001/H | 444-001/H |

| | 5-5 Upper & Lower with hook on cuspids and premolars | |
|---|---|---|
| | .018" | .022" |
| ROTH | 430-001/H345 | 433-001/H345 |
| MBT | 440-001/H345 | 444-001/H345 |

| | 3-3 Upper | |
|---|---|---|
| | .018" | .022" |
| ROTH | 430-003/U | 433-003/U |
| MBT | 440-003/U | 444-003/U |

| | 3-3 Upper with hook on cuspids | |
|---|---|---|
| | .018" | .022" |
| ROTH | 430-003/HU | 433-003/HU |
| MBT | 440-003/HU | 444-003/HU |

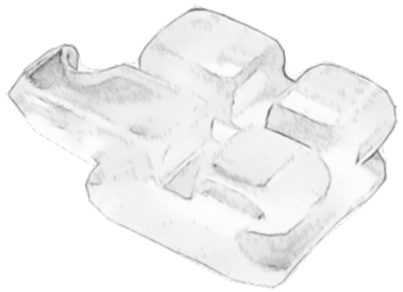
| | 3-3 Upper & Lower | |
|---|---|---|
| | .018" | .022" |
| ROTH | 430-003 | 433-003 |
| MBT | 440-003 | 444-003 |

| | 3-3 Upper & Lower with hook on cuspids | |
|---|---|---|
| | .018" | .022" |
| ROTH | 430-003/H | 433-003/H |
| MBT | 440-003/H | 444-003/H |

Contact us for your personal item number based on your MIX & MATCH selection!
For 10 patient cases packed in our XL-Tray, please add the surfix "/10" to the respective item number.

BRINGING GERMAN ENGINEERING TO ORTHODONTICS

# CLEAR™



## LOVE STORY

Classique and aesthetically pleasing to your patients plus an anatomical bracket base for easy bracket placement.

## PERFORMANCE

Made from crystal clear and non-porous monocrystalline sapphire for pure aesthetics. CNC cut slot assures precision and effective torque transmission for a state-of-the-art treatment progress.

## POWER

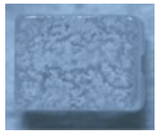
Mircographs clearly show our unique double fusion method. The base of the bracket is coated with zirconia powder, which produces spheroid particles; each particle has a mass of tiny dendrites. These properties allow for a secure retention during the length of treatment and provide predictable and safe debonding at the end of treatment.

## SPEED

This classic CNC cut bracket provides reduced friction due to heat polished slots. Compared with common monocrystalline ceramic bracket, you profit from an improved friction.

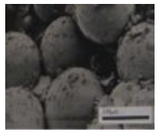
## EXTRA BENEFIT

Tie wings are designed for easy, reliable ligation and optimal fracture resistance. A solid single crystal, continuous edge to edge with no grain boundaries produces maximum optical clarity.



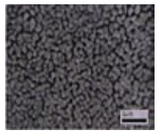
### The Science behind bonding strength

Most of the ceramic brackets on the market are made out of either polycrystalline or monocrystalline sapphire.



The primary difference between these two materials is their optical clarity.

Monocrystalline alumina ceramic brackets have a more translucent (clearer) appearance whereas polycrystalline brackets are more whitish (tooth colored).



This form of alumina has been selected because of its superior physical strength and favorable optical and aesthetic properties.

Our monocrystalline sapphire CLEAR bracket additionally offer CNC milled slots - that extra precision you can expect from a premium aesthetic bracket and from Adenta.

# CLEAR™

| UPPER // MAXILLA | CLEAR | Prescription | Torque | Angul. | IN/OUT in mm | m/d width in mm |
|---|---|---|---|---|---|---|
| | Maxilla | | | | | |
| | Central | ROTH | +11° | +5° | 1,00 | 3,20 |
| | Central | MBT | +17° | +5° | 1,00 | 3,20 |
| | | | | | | |
| | Lateral | ROTH | +8° | +9° | 1,40 | 3,00 |
| | Lateral | MBT | +10° | +8° | 1,40 | 3,00 |
| | | | | | | |
| | Cuspid | MBT | 0° | +8° | 1,00 | 3,20 |
| | Cuspid w. hook | MBT | 0° | +8° | 1,00 | 3,20 |
| | Cuspid | ROTH | -2° | +8° | 1,00 | 3,20 |
| | Cuspid w. hook | ROTH | -2° | +8° | 1,00 | 3,20 |
| | | | | | | |
| | 1st + 2nd premolar | ROTH | -7° | 0° | 1,00 | 3,20 |
| | 1st + 2nd premolar w. hook | ROTH | -7° | 0° | 1,00 | 3,20 |
| | 1st + 2nd premolar | MBT | -7° | 0° | 1,00 | 3,20 |
| | 1st + 2nd premolar w. hook | MBT | -7° | 0° | 1,00 | 3,20 |

| Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|
| Right | Left | Right | Left | |
| 450-11 | 450-21 | 455-11 | 455-21 | Green gingival distal wing |
| 460-11 | 460-21 | 466-11 | 466-21 | Green gingival distal wing |
| | | | | |
| 450-12 | 450-22 | 455-12 | 455-22 | Black gingival distal wing |
| 460-12 | 460-22 | 466-12 | 466-22 | Black gingival distal wing |
| | | | | |
| 460-13 | 460-23 | 466-13 | 466-23 | Red gingival distal wing |
| 460-13/H | 460-23/H | 466-13/H | 466-23/H | Red gingival distal wing |
| 450-13 | 450-23 | 455-13 | 455-23 | Red gingival distal wing |
| 450-13/H | 450-23/H | 455-13/H | 455-23/H | Red gingival distal wing |
| | | | | |
| 450-14/25 | 450-14/25 | 455-14/25 | 455-14/25 | Purple gingival wings |
| 450-14/15/H | 450-24/25/H | 455-14/15/H | 455-24/25/H | Purple gingival distal wing |
| 460-14/25 | 460-14/25 | 466-14/25 | 466-14/25 | Purple gingival wings |
| 460-14/15/H | 460-24/25/H | 466-14/15/H | 466-24/25/H | Purple gingival distal wing |

| LOWER // MANDIBULA | CLEAR | Prescription | Torque | Angul. | IN/OUT in mm | m/d width in mm |
|---|---|---|---|---|---|---|
| | Mandibula | | | | | |
| | Lower anteriors | MBT | -6° | 0° | 1,50 | 3,00 |
| | Lower anteriors | ROTH | 0° | 0° | 1,50 | 3,00 |
| | | | | | | |
| | Cuspid | ROTH | -11° | +7° | 0,80 | 3,20 |
| | Cuspid w. hook | ROTH | -11° | +7° | 0,80 | 3,20 |
| | Cuspid | MBT | 0° | +3° | 0,80 | 3,20 |
| | Cuspid w. hook | MBT | 0° | +3° | 0,80 | 3,20 |
| | | | | | | |
| | 1st premolar | ROTH | -17° | 0° | 1,00 | 3,20 |
| | 1st premolar w. hook | ROTH | -17° | 0° | 1,00 | 3,20 |
| | 1st premolar | MBT | -12° | +2° | 1,00 | 3,20 |
| | 1st premolar w. hook | MBT | -12° | +2° | 1,00 | 3,20 |
| | | | | | | |
| | 2nd premolar | ROTH | -21° | 0° | 1,00 | 3,20 |
| | 2nd premolar w. hook | ROTH | -21° | 0° | 1,00 | 3,20 |
| | 2nd premolar | MBT | -17° | +2° | 1,00 | 3,20 |
| | 2nd premolar w. hook | MBT | -17° | +2° | 1,00 | 3,20 |

| Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|
| Right | Left | Right | Left | |
| 460-31/42 | 460-31/42 | 466-31/42 | 466-31/42 | Yellow gingival wings |
| 450-31/42 | 450-31/42 | 455-31/42 | 455-31/42 | Yellow gingival wings |
| | | | | |
| 450-43 | 450-33 | 455-43 | 455-33 | Blue gingival distal wing |
| 450-43/H | 450-33/H | 455-43/H | 455-33/H | Blue gingival distal wing |
| 460-43 | 460-33 | 466-43 | 466-33 | Blue gingival distal wing |
| 460-43/H | 460-33/H | 466-43/H | 466-33/H | Blue gingival distal wing |
| | | | | |
| 450-44 | 450-34 | 455-44 | 455-34 | Brown gingival distal wing |
| 450-44/H | 450-34/H | 455-44/H | 455-34/H | Brown gingival distal wing |
| 460-44 | 460-34 | 466-44 | 466-34 | Brown gingival distal wing |
| 460-44/H | 460-34/H | 466-44/H | 466-34/H | Brown gingival distal wing |
| | | | | |
| 450-45 | 450-35 | 455-45 | 455-35 | Auqa gingival distal wing |
| 450-45/H | 450-35/H | 455-45/H | 455-35/H | Auqa gingival distal wing |
| 460-45 | 460-35 | 466-45 | 466-35 | Auqa gingival distal wing |
| 460-45/H | 460-35/H | 466-45/H | 466-35/H | Auqa gingival distal wing |

| | 5-5 Upper & Lower | |
|---|---|---|
| | .018" | .022" |
| ROTH | 450-001 | 455-001 |
| MBT | 460-001 | 466-001 |

| | 5-5 Upper & Lower with hook on cuspids and premolars | |
|---|---|---|
| | .018" | .022" |
| ROTH | 450-001/H345 | 455-001/H345 |
| MBT | 460-001/H345 | 466-001/H345 |

| | 3-3 Upper | |
|---|---|---|
| | .018" | .022" |
| ROTH | 450-003/U | 455-003/U |
| MBT | 460-003/U | 466-003/U |

| | 3-3 Upper with hook on cuspids | |
|---|---|---|
| | .018" | .022" |
| ROTH | 450-003/HU | 455-003/HU |
| MBT | 460-003/HU | 466-003/HU |

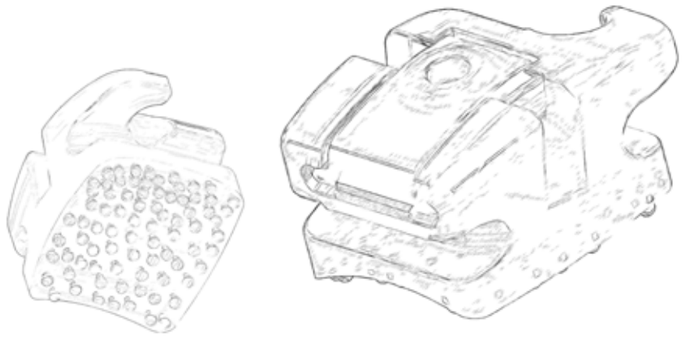
| | 3-3 Upper & Lower | |
|---|---|---|
| | .018" | .022" |
| ROTH | 450-003 | 455-003 |
| MBT | 460-003 | 466-003 |

| | 3-3 Upper & Lower with hook on cuspids | |
|---|---|---|
| | .018" | .022" |
| ROTH | 450-003/H | 455-003/H |
| MBT | 460-003/H | 466-003/H |

Contact us for your personal item number based on your MIX & MATCH selection!
For 10 patient cases packed in our XL-Tray, please add the surfix "/10" to the respective item number.

BRINGING GERMAN ENGINEERING TO ORTHODONTICS

# BREEZE SL™



## PERFORMANCE

This passive self-ligating bracket is equipped with a reliable strong clip and a reduced slot height for improved torque control.

## POWER

Stable low friction performance like a metal bracket throughout the entire treatment allows faster leveling & alignment. The extra ample undertie wings give you extra space for elastic chains, ligatures, and intraoral elastics.

## SPEED

Material integrated ultra low-friction speeds up leveling and alignment – the treatment progress is not extended due to common ceramic material friction.

## EXTRA BENEFIT

Splinter-free and easy debonding without fracturs of the enamel. No special debonding instrument required - use an old ligature cutter - cut mesial / distally in the bonding layer or use any regular ceramic debonding pliers.

BRINGING
GERMAN ENGINEERING
TO ORTHODONTICS



## LOVE STORY

100% true and long-lasting aesthetic self-ligating bracket, low profile, reliable clip mechanism, and reduced slot height for improved torque control – what do you need to ask more from a true aesthetic state-of-the-art bracket?

*providing extra space for reliable ligation options: elastics, chains, threads, ...*

Available in

PURE TRANSLUCENT

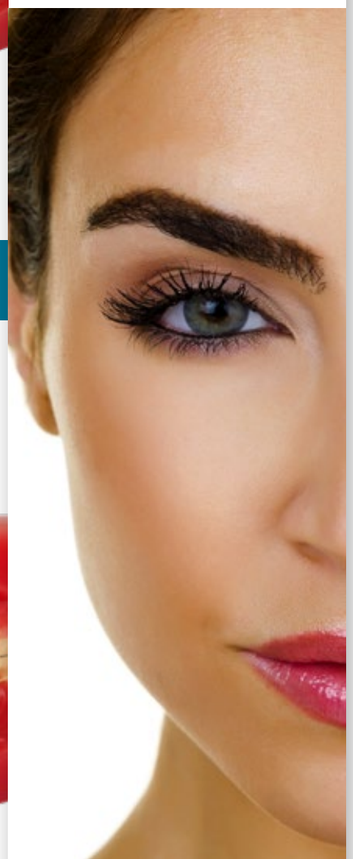
or

AESTHETIC TOOTH SHADED

Both bracket options are resistant to staining and discoloration. Although designed and approved for the rigors of orthodontic treatment, aesthetic brackets require extra on oral hygiene, as food can be accumulated with poor oral hygiene under the clip.

Your PURE TRANSLUCENT choice is recommended if:

- Patient's oral hygiene is at a very high level and regular professional oral hygiene is assured using ultra-sonic care and water jets
- Natural enamel color will add to the overall aesthetics
- Your office has a high level of adult cases



# BREEZE SL™- Translucent

| | BREEZE SL Translucent | Prescription | Torque | Angul. | IN/OUT in mm | m/d width in mm |
|---|---|---|---|---|---|---|
| UPPER // MAXILLA | Maxilla | | | | | |
| | Central | ROTH | +12° | +5° | 0,75 | 2,40 |
| | Central | MBT | +17° | +5° | 0,75 | 2,40 |
| | | | | | | |
| | Lateral | ROTH | +9° | +9° | 0,75 | 2,40 |
| | Lateral | MBT | +10° | +9° | 0,75 | 2,40 |
| | | | | | | |
| | Cuspid | MBT | 0° | +9° | 0,75 | 2,60 |
| | Cuspid w. hook | MBT | 0° | +9° | 0,75 | 2,60 |
| | Cuspid | ROTH | -2° | +9° | 0,75 | 2,60 |
| | Cuspid w. hook | ROTH | -2° | +9° | 0,75 | 2,60 |
| | | | | | | |
| | 1st + 2nd premolar | ROTH | -7° | 0° | 0,75 | 2,90 |
| | 1st + 2nd premolar w. hook | ROTH | -7° | 0° | 0,75 | 2,90 |
| | 1st + 2nd premolar | MBT | -7° | 0° | 0,75 | 2,90 |
| | 1st + 2nd premolar w. hook | MBT | -7° | 0° | 0,75 | 2,90 |

| Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|
| Right | Left | Right | Left | |
| 905-11 | 905-21 | 955-11 | 955-21 | Orange gingival distal wing |
| 906-11 | 906-21 | 966-11 | 966-21 | Orange gingival distal wing |
| | | | | |
| 905-12 | 905-22 | 955-12 | 955-22 | Green gingival distal wing |
| 906-12 | 906-22 | 966-12 | 966-22 | Green gingival distal wing |
| | | | | |
| 906-13 | 906-23 | 966-13 | 966-23 | Red gingival distal wing |
| 906-13/H | 906-23/H | 966-13/H | 966-23/H | Red gingival distal wing |
| 905-13 | 905-23 | 955-13 | 955-23 | Red gingival distal wing |
| 905-13/H | 905-23/H | 955-13/H | 955-23/H | Red gingival distal wing |
| | | | | |
| 905-14/25 | 905-14/25 | 955-14/25 | 955-14/25 | Blue gingival wings |
| 905-14/15/H | 905-24/25/H | 955-14/15/H | 955-24/25/H | Blue gingival distal wing |
| 906-14/25 | 906-14/25 | 966-14/25 | 966-14/25 | Blue gingival wings |
| 906-14/15/H | 906-24/25/H | 966-14/15/H | 966-24/25/H | Blue gingival distal wing |

| | BREEZE SL Translucent | Prescription | Torque | Angul. | IN/OUT in mm | m/d width in mm |
|---|---|---|---|---|---|---|
| LOWER // MANDIBULA | Mandibula | | | | | |
| | Lower anteriors | MBT | -6° | 0° | 0,75 | 2,50 |
| | Lower anteriors | ROTH | 0° | 0° | 0,75 | 2,50 |
| | | | | | | |
| | Cuspid | ROTH | -11° | +5° | 0,75 | 2,90 |
| | Cuspid w. hook | ROTH | -11° | +5° | 0,75 | 2,90 |
| | Cuspid | MBT | 0° | +3° | 0,75 | 2,90 |
| | Cuspid w. hook | MBT | 0° | +3° | 0,75 | 2,90 |
| | | | | | | |
| | 1st premolar | ROTH | -17° | 0° | 0,75 | 2,90 |
| | 1st premolar w. hook | ROTH | -17° | 0° | 0,75 | 2,90 |
| | 1st premolar | MBT | -12° | +2° | 0,75 | 2,90 |
| | 1st premolar w. hook | MBT | -12° | +2° | 0,75 | 2,90 |
| | | | | | | |
| | 2nd premolar | ROTH | -22° | 0° | 0,75 | 2,90 |
| | 2nd premolar w. hook | ROTH | -22° | 0° | 0,75 | 2,90 |
| | 2nd premolar | MBT | -17° | +2° | 0,75 | 2,90 |
| | 2nd premolar w. hook | MBT | -17° | +2° | 0,75 | 2,90 |

| Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|
| Right | Left | Right | Left | |
| 906-31/42 | 906-31/42 | 966-31/42 | 966-31/42 | Purple gingival wings |
| 905-31/42 | 905-31/42 | 955-31/42 | 955-31/42 | Purple gingival wings |
| | | | | |
| 905-43 | 905-33 | 955-43 | 955-33 | Yellow gingival distal wing |
| 905-43/H | 905-33/H | 955-43/H | 955-33/H | Yellow gingival distal wing |
| 906-43 | 906-33 | 966-43 | 966-33 | Yellow gingival distal wing |
| 906-43/H | 906-33/H | 966-43/H | 966-33/H | Yellow gingival distal wing |
| | | | | |
| 905-44 | 905-34 | 955-44 | 955-34 | Brown gingival distal wing |
| 905-44/H | 905-34/H | 955-44/H | 955-34/H | Brown gingival distal wing |
| 906-44 | 906-34 | 966-44 | 966-34 | Brown gingival distal wing |
| 906-44/H | 906-34/H | 966-44/H | 966-34/H | Brown gingival distal wing |
| | | | | |
| 905-45 | 905-35 | 955-45 | 955-35 | Black gingival distal wing |
| 905-45/H | 905-35/H | 955-45/H | 955-35/H | Black gingival distal wing |
| 906-45 | 906-35 | 966-45 | 966-35 | Black gingival distal wing |
| 906-45/H | 906-35/H | 966-45/H | 966-35/H | Black gingival distal wing |

| | 5-5 Upper & Lower | |
|---|---|---|
| | .018" | .022" |
| ROTH | 905-001 | 955-001 |
| MBT | 906-001 | 966-001 |

| | 5-5 Upper & Lower with hook on cuspids | |
|---|---|---|
| | .018" | .022" |
| ROTH | 905-001/H | 955-001/H |
| MBT | 906-001/H | 966-001/H |

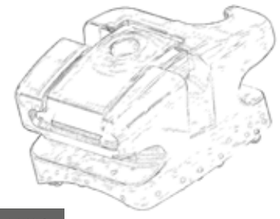
| | 5-5 Upper & Lower with hook on cuspids and premolars | |
|---|---|---|
| | .018" | .022" |
| ROTH | 905-001/H345 | 955-001/H345 |
| MBT | 906-001/H345 | 966-001/H345 |

| | 3-3 Upper | |
|---|---|---|
| | .018" | .022" |
| ROTH | 905-003/U | 955-003/U |
| MBT | 906-003/U | 966-003/U |

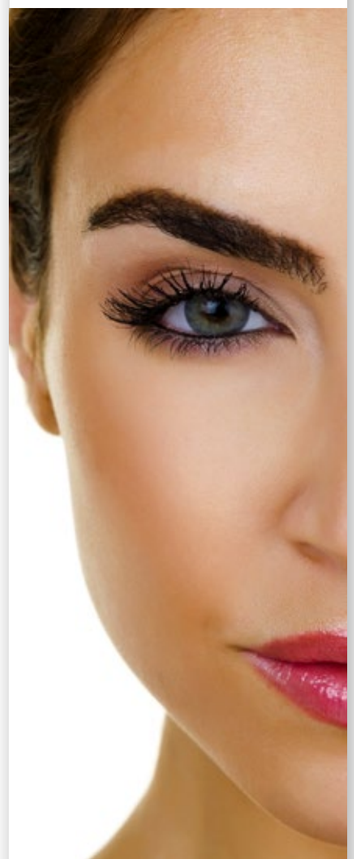
| | 3-3 Upper with hook on cuspids | |
|---|---|---|
| | .018" | .022" |
| ROTH | 905-003/HU | 955-003/HU |
| MBT | 906-003/HU | 966-003/HU |

| | 3-3 Upper & Lower | |
|---|---|---|
| | .018" | .022" |
| ROTH | 905-003 | 955-003 |
| MBT | 906-003 | 966-003 |

| | 3-3 Upper & Lower with hook on cuspids | |
|---|---|---|
| | .018" | .022" |
| ROTH | 905-003/H | 955-003/H |
| MBT | 906-003/H | 966-003/H |



Contact us for your personal item number based on your MIX & MATCH selection!
For 10 patient cases packed in our XL-Tray, please add the surfix "/10" to the respective item number.



BRINGING GERMAN ENGINEERING TO ORTHODONTICS

# BREEZE SL™- Tooth shaded

| | BREEZE SL Tooth shade | Prescription | Torque | Angul. | IN/OUT in mm | m/d width in mm |
|---|---|---|---|---|---|---|
| UPPER // MAXILLA | Maxilla | | | | | |
| | Central | ROTH | +12° | +5° | 0,75 | 2,40 |
| | Central | MBT | +17° | +5° | 0,75 | 2,40 |
| | | | | | | |
| | Lateral | ROTH | +8° | +9° | 0,75 | 2,40 |
| | Lateral | MBT | +10° | +8° | 0,75 | 2,40 |
| | | | | | | |
| | Cuspid | MBT | 0° | +8° | 0,75 | 2,60 |
| | Cuspid w. hook | MBT | 0° | +8° | 0,75 | 2,60 |
| | Cuspid | ROTH | -2° | +8° | 0,75 | 2,60 |
| | Cuspid w. hook | ROTH | -2° | +8° | 0,75 | 2,60 |
| | | | | | | |
| | 1st + 2nd premolar | ROTH | -7° | 0° | 0,75 | 2,80 |
| | 1st + 2nd premolar w. hook | ROTH | -7° | 0° | 0,75 | 2,80 |
| | 1st + 2nd premolar | MBT | -7° | 0° | 0,75 | 2,80 |
| | 1st + 2nd premolar w. hook | MBT | -7° | 0° | 0,75 | 2,80 |

| Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|
| Right | Left | Right | Left | |
| 805-11 | 805-21 | 855-11 | 855-21 | Orange gingival distal wing |
| 806-11 | 806-21 | 866-11 | 866-21 | Orange gingival distal wing |
| | | | | |
| 805-12 | 805-22 | 855-12 | 855-22 | Green gingival distal wing |
| 806-12 | 806-22 | 866-12 | 866-22 | Green gingival distal wing |
| | | | | |
| 806-13 | 806-23 | 866-13 | 866-23 | Red gingival distal wing |
| 806-13/H | 806-23/H | 866-13/H | 866-23/H | Red gingival distal wing |
| 805-13 | 805-23 | 855-13 | 855-23 | Red gingival distal wing |
| 805-13/H | 805-23/H | 855-13/H | 855-23/H | Red gingival distal wing |
| | | | | |
| 805-14/25 | 805-14/25 | 855-14/25 | 855-14/25 | Blue gingival wings |
| 805-14/15/H | 805-24/25/H | 855-14/15/H | 855-24/25/H | Blue gingival distal wing |
| 806-14/25 | 806-14/25 | 866-14/25 | 866-14/25 | Blue gingival wings |
| 806-14/15/H | 806-24/25/H | 866-14/15/H | 866-24/25/H | Blue gingival distal wing |

| | BREEZE SL Tooth shade | Prescription | Torque | Angul. | IN/OUT in mm | m/d width in mm |
|---|---|---|---|---|---|---|
| LOWER // MANDIBULA | Mandibula | | | | | |
| | Lower anteriors | MBT | -6° | 0° | 0,75 | 2,50 |
| | Lower anteriors | ROTH | 0° | 0° | 0,75 | 2,50 |
| | | | | | | |
| | Cuspid | ROTH | -11° | +5° | 0,75 | 2,80 |
| | Cuspid w. hook | ROTH | -11° | +5° | 0,75 | 2,80 |
| | Cuspid | MBT | 0° | +3° | 0,75 | 2,80 |
| | Cuspid w. hook | MBT | 0° | +3° | 0,75 | 2,80 |
| | | | | | | |
| | 1st premolar | ROTH | -17° | 0° | 0,75 | 2,80 |
| | 1st premolar w. hook | ROTH | -17° | 0° | 0,75 | 2,80 |
| | 1st premolar | MBT | -12° | +2° | 0,75 | 2,80 |
| | 1st premolar w. hook | MBT | -12° | +2° | 0,75 | 2,80 |
| | | | | | | |
| | 2nd premolar | ROTH | -22° | 0° | 0,75 | 2,80 |
| | 2nd premolar w. hook | ROTH | -22° | 0° | 0,75 | 2,80 |
| | 2nd premolar | MBT | -17° | +2° | 0,75 | 2,80 |
| | 2nd premolar w. hook | MBT | -17° | +2° | 0,75 | 2,80 |

| Item number .018" | | Item number .022" | | Color coding |
|---|---|---|---|---|
| Right | Left | Right | Left | |
| 806-31/42 | 806-31/42 | 866-31/42 | 866-31/42 | Purple gingival wings |
| 805-31/42 | 805-31/42 | 855-31/42 | 855-31/42 | Purple gingival wings |
| | | | | |
| 805-43 | 805-33 | 855-43 | 855-33 | Yellow gingival distal wing |
| 805-43/H | 805-33/H | 855-43/H | 855-33/H | Yellow gingival distal wing |
| | | | | |
| 805-44 | 805-34 | 855-44 | 855-34 | Brown gingival distal wing |
| 805-44/H | 805-34/H | 855-44/H | 855-34/H | Brown gingival distal wing |
| 806-44 | 806-34 | 866-44 | 866-34 | Brown gingival distal wing |
| 806-44/H | 806-34/H | 866-44/H | 866-34/H | Brown gingival distal wing |
| | | | | |
| 805-45 | 805-35 | 855-45 | 855-35 | Black gingival distal wing |
| 805-45/H | 805-35/H | 855-45/H | 855-35/H | Black gingival distal wing |
| 806-45 | 806-35 | 866-45 | 866-35 | Black gingival distal wing |
| 806-45/H | 806-35/H | 866-45/H | 866-35/H | Black gingival distal wing |

| | 5-5 Upper & Lower | |
|---|---|---|
| | .018" | .022" |
| ROTH | 805-001 | 855-001 |
| MBT | 806-001 | 866-001 |

| | 5-5 Upper & Lower with hook on cuspids | |
|---|---|---|
| | .018" | .022" |
| ROTH | 805-001/H | 855-001/H |
| MBT | 806-001/H | 866-001/H |

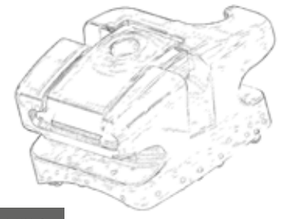
| | 5-5 Upper & Lower with hook on cuspids and premolars | |
|---|---|---|
| | .018" | .022" |
| ROTH | 805-001/H345 | 855-001/H345 |
| MBT | 806-001/H345 | 866-001/H345 |

| | 3-3 Upper | |
|---|---|---|
| | .018" | .022" |
| ROTH | 805-003/U | 855-003/U |
| MBT | 806-003/U | 866-003/U |

| | 3-3 Upper with hook on cuspids | |
|---|---|---|
| | .018" | .022" |
| ROTH | 805-003/HU | 855-003/HU |
| MBT | 806-003/HU | 866-003/HU |

| | 3-3 Upper & Lower | |
|---|---|---|
| | .018" | .022" |
| ROTH | 805-003 | 855-003 |
| MBT | 806-003 | 866-003 |

| | 3-3 Upper & Lower with hook on cuspids | |
|---|---|---|
| | .018" | .022" |
| ROTH | 805-003/H | 855-003/H |
| MBT | 806-003/H | 866-003/H |



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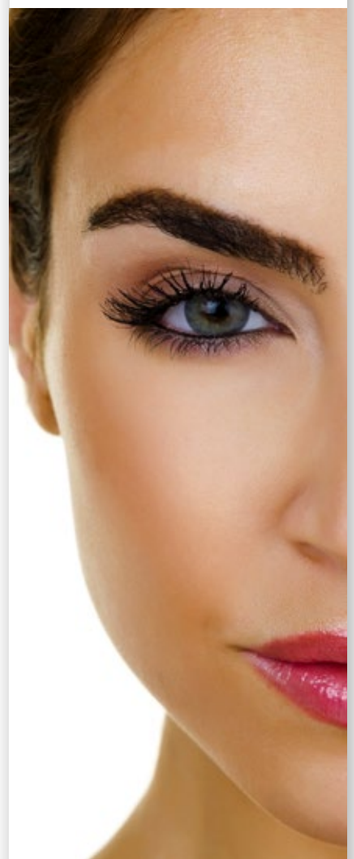

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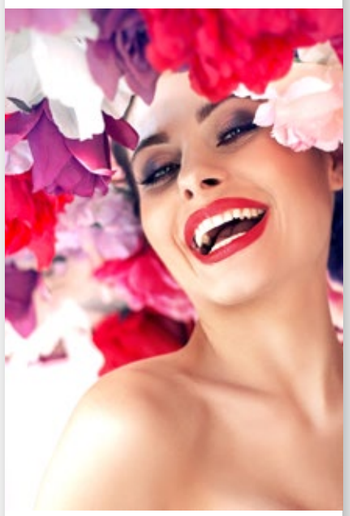


# EASY WAY COIL™ System

## Effective alignment of impacted and retained teeth

Pivot-mounted button

Bonding base button

Space maintaining spring

Chosen if force direction is 90° to the bonding surface

### PERFORMANCE

The EASY WAY COIL™ System allows the constant application of force throughout the eruption of impacted teeth. It can be applied either unilaterally or bilaterally, with secure anchorage and no undesirable side effects.

### POWER

High variety of treatment options, such as treatment of high impactation with spring force applied in a distoincisal direction, palatal impactation with distobuccal direction, simultaneous treatment of multi-impactations using TADs, or early management of impacted maxillary incisors with skeletal anchorage.

### SPEED

The EASY WAY COIL™ System is activated in small steps in 4-week intervals. The spring maintains the force level throughout this activation interval to assure an efficient and healthy tooth movement.

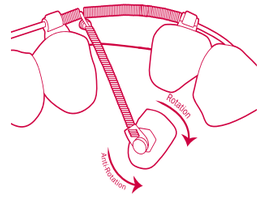
### EXTRA BENEFIT

Unlike springs made of other materials, such as nickel titanium, the stainless steel spring is accurately formed into a sturdy eyelet, with no introduction of torque. The built-in anti-rotation effect avoids undesired rotational movements, providing a reduction of treatment time and avoiding root resorption.

### LOVE STORY

The EASY WAY COIL™ System assures a long activation distance, variable force directions, precise force delivery, and a simple reactivation. A proven technique for effective alignment of impacted incisors, canines, and premolars!

## A PROVEN TECHNIQUE FOR EFFECTIVE ALIGNMENT OF IMPACTED INCISORS, CANINES, AND PREMOLARS




Easy to use

Finish quickly

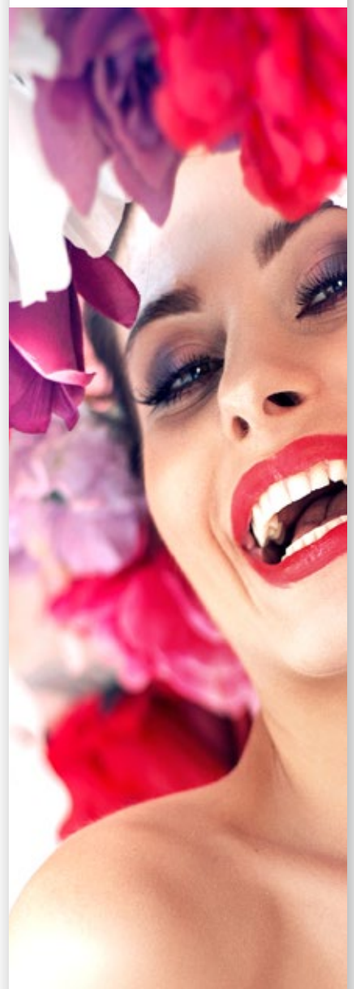
Clinically reliable

Predictable

Special 90° spring for horizontally impacted teeth

*By courtesy of Dr. Michael Schubert, Regensburg*

| EASY WAY COIL™ SYSTEM | |
|---|---|
| STANDARD 1 patient kit:<br>1 active coil +<br>1 passive space maintainer coil | EWCS1 |
| STANDARD 5 patient kit:<br>5 active coil +<br>5 passive space maintainer coil | EWCS5 |
| 90° SPECIAL 1 patient kit:<br>1 active coil +<br>1 passive space maintainer coil | EWCS1-90 |
| 90° SPECIAL 5 patient kit:<br>5 active coil +<br>5 passive space maintainer coil | EWCS5-90 |



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# HYCON™ TUBE
# HYCON™ CLIP ON

## Fast space closure

### LOVE STORY

Space closure seemed to be space technology - far away and sometimes out of control. The HYCON™ is the solution for plannable, precise, and pain-free space closure even in difficult cases.

### PERFORMANCE

The tooth movement is determined solely by the advancement of the screw thread. The thread has been precisely calculated to a pitch of 0.014″ – enabling you to multiply this pitch by number of turns to precisely close the space with complete understanding and control.

### POWER

Activated in small steps of intervals best suited to maintain adequate blood supply, the HYCON™ closely emulates ideal bodily movement and produces pain free space closure for the patient.

### SPEED

The HYCON™ is activated in small steps at intervals that create an intermittent tooth movement. This allows recovery of the tissue in-between activations and provides the physiological stimulus for the alteration processes. This perfect balance reduces the treatment time by approx. 30-50%.

### EXTRA BENEFIT

Easily installed at the beginning of space closure with two options to choose from. Can be used with or without an auxiliary tube on your buccal tube. Also easily activated, a small screwdriver with a uniquely safety head is simply used to turn the screw.

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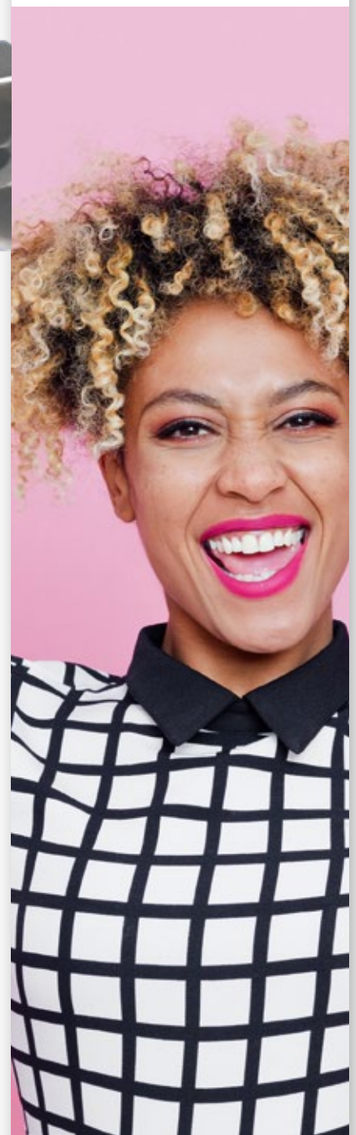
BE STRONG. BE IN CHARGE.

| HYCON™ SPACE CLOSURE | |
|---|---|
| TUBE .018"<br>1 x 2 screws + 1 screw activator | HCN-18-1 |
| TUBE .018"<br>5 x 2 screws + 1 screw activator | HCN-18 |
| TUBE .022"<br>1 x 2 screws + 1 screw activator | HCN-22-1 |
| TUBE .022"<br>5 x 2 screws + 1 screw activator | HCN-22 |
| CLIP ON .018"<br>1 x 2 screws + 1 screw activator | HCNC-18-1 |
| CLIP ON .018"<br>5 x 2 screws + 1 screw activator | HCNC-18 |
| CLIP ON .022"<br>1 x 2 screws + 1 screw activator | HCNC-22-1 |
| CLIP ON .022"<br>5 x 2 screws + 1 screw activator | HCNC-22 |



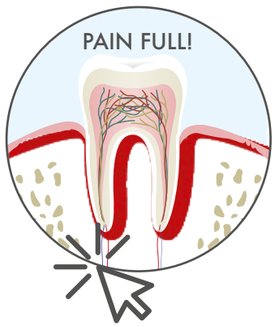
# HYCON™ TUBE
# HYCON™ CLIP ON

## Fast space closure

### Elastic continuous force challenges



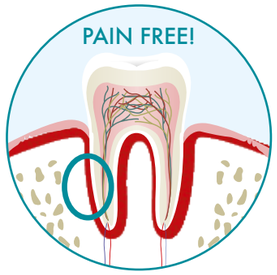
- Too much force application compresses blood vessels and osteoblasts die off.
- Periodontal ligament compressed beyond 70% - Blood vessels are compressed, tooth movement stops.
- Too little force application resulting in no movement.
- High pain and discomfort for the patient. - PAIN FULL

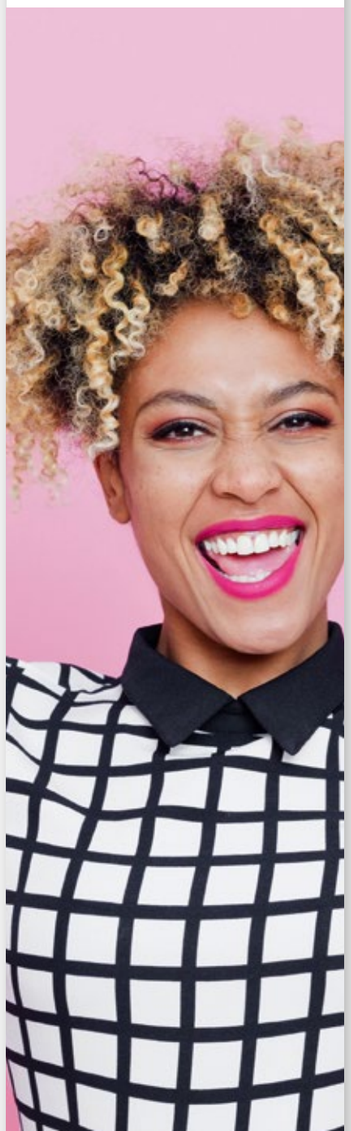


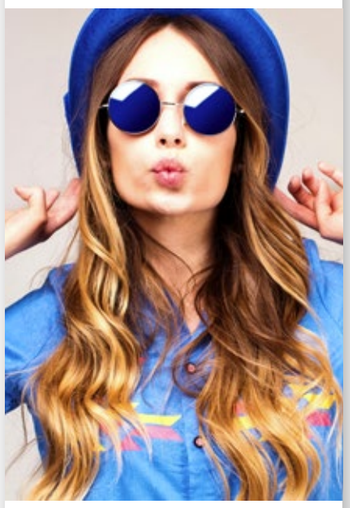

### HYCON™ screw – the mathematics of successful space closure

In contrast to elastic force, you are able to control the compression of the periodontal ligament by activating within the distance of the periodontal ligament. The size and pitch of the screw threads is directly proportional to the movement of the screw. The distance the screw travels can easily be determined – each 180° rotation moves the screw 0.0175mm and closes the space likewise. Activated every 2-5 days, space closer happens in approx. 30-50% less time.

- By using the HYCON™, the PDL is only compressed by max. 70%. This maintains ideal blood supply and accellerates space closure without the common side effects.
- Capable of overcoming any friction in the system.
- Capable of controlled activation in intervals based on periodontal health. - PAIN FREE





# FLEX DEVELOPER™

## Unbreakable Class-II corrector

### LOVE STORY

Levers, springs, and complicated Class II correctors are rapidly becoming the dusty memories of the past. Now, innovative materials have opened up a new era in manufacturing, creating streamline, strong and indestructible Class II appliances: Let us introduce you to the FLEX DEVELOPER™ (2.0)

### PERFORMANCE

The FLEX DEVELOPER™ is designed to deliver a reliable force between mandible and maxilla. It has its greatest force levels in the final stages of mouth closing. These force levels run highest in a horizontal occlusal plane direction.

### POWER

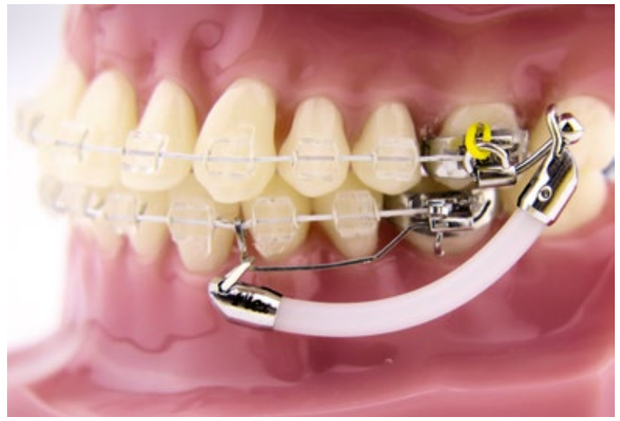
The power derives from an elastic mini rod that can be thinned to enable a range of treatment forces, eliminating the need to order and stock many different forces or sizes. This one of a kind elastic rod is highly durable, able to withstand the rigorous forces of treatment while maintaining its power and elasticity.

### SPEED

Synthetic polyamides are commonly used in products that require strength and durability. Many of today's Class II correctors are made of stainless steel springs or telescopic arms with numerous moving parts that are welded together. The FLEX DEVELOPER™ is simply one high endurance polyamide rod with high-end plasma welded parts offering reliable treatment progress.

### EXTRA BENEFIT

Unique by-pass arch enables the FLEX DEVELOPER™ to slide back passively without vertical force or side effects. Say Goddbye to common Class-II side effects!



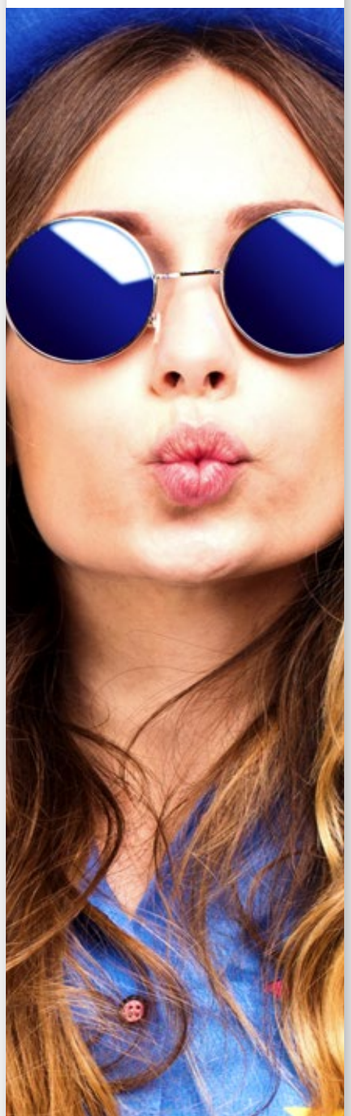
Pure horizontal optimal directional force as greatest force in closed mouth position.

Customize length

Customize force

Easy insertion & activation

**Check your country availability!**



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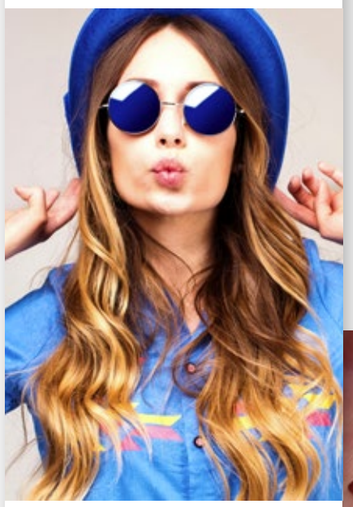
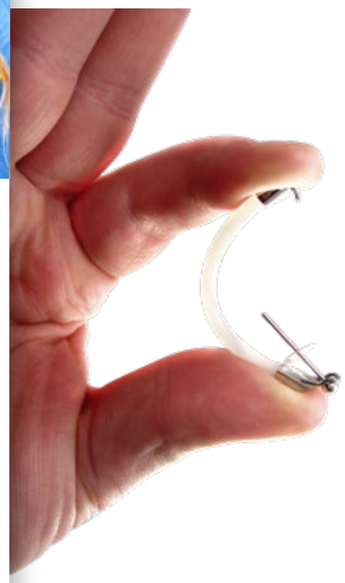
TO ORTHODONTICS



# FLEX DEVELOPER™

Unbreakable Class-II corrector



**Putting it to the test: 2 million cycles without failure or breakage.**

In order to prove its reliability two sets of FLEX DEVELOPERS™ were tested under standardized conditions.

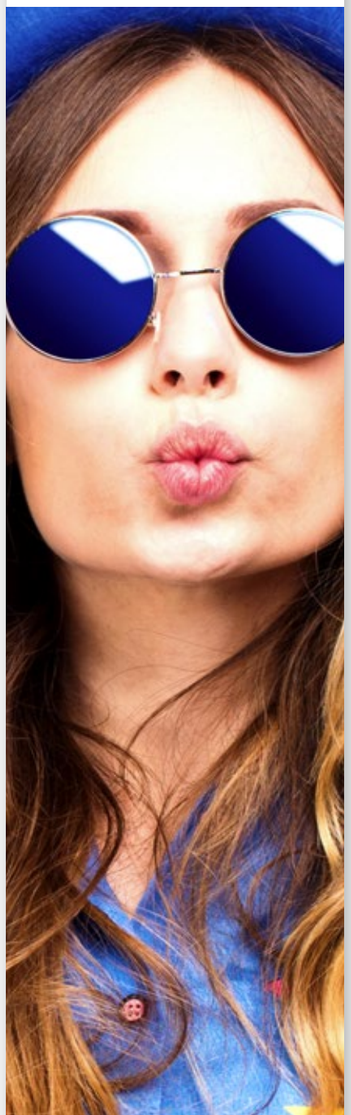
| | 3.0 FD 36 mm Ø = 3 mm 100% | 2.0 FD 38 mm Ø = 2 mm 66% |
|---|---|---|
| Force before testing | 640 cN | 210 CN |
| Force after 2 Million cycles | 620 cN | 210 cN |

Results: Calculation 8000 chewing cycles per day is equal to 250 treatment days of continuous FD action (7 months).

| FLEX DEVELOPER™ 2.0 | |
|---|---|
| STARTER KIT<br>with 5 right + 5 left rods<br>incl. measuring gauge, crimping pliers, torquing key, cutting scissors | FDS-KIT |
| REFILL KIT<br>with 5 right + 5 left rods | FDA-KIT |
| REFILL KIT // RIGHT ONLY<br>with 10 right rods | FDA-KIT-R |
| REFILL KIT // LEFT ONLY<br>with 10 left rods | FDA-KIT-L |
| Bypass arches RIGHT<br>10 pcs | FD-GB-R |
| Bypass arches LEFT<br>10 pcs | FD-GB-L |
| Measuring Gauge 2.0 | FD-Messlehre |

adenta

**Check your country availability!**



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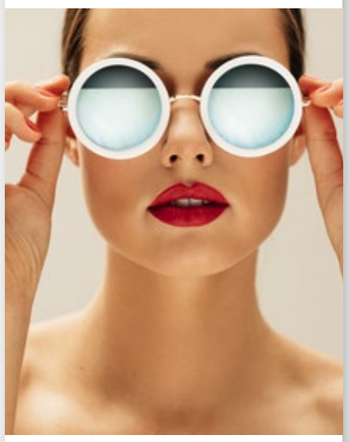


# TRUEOPTICS™ Mirror

## Fog-free intraoral photography

### PERFORMANCE

Built-in ventilation system for a fog-free mirror experience. Additional LED lights let the camera focus easier resulting in a bright visibility. The long fluted handle can also be held by the patient - one more free hand for you!

### POWER

Made from pure Japanese stainless steel, the rhodium free mirror experience assures long-term brilliant and high quality images.

### SPEED

The TRUEOPTICS™ handle continuously blows a light steady flow of air across the mirror. Take your time for great pictures, not to manage the mirror.

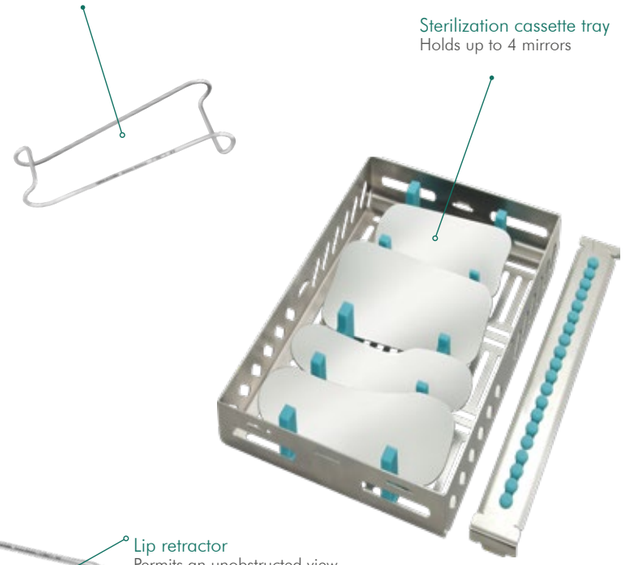
### EXTRA BENEFIT

Optional mirror cassette for convenient sterilization and storage.

### LOVE STORY

Have you dreamed about fog-free, sharp & comfortable intraoral photos? With the TRUEOPTICS series you get all in one - it has never been easier than today.

**Fogged up mirrors make intraoral photography time-consuming and frustrating.**

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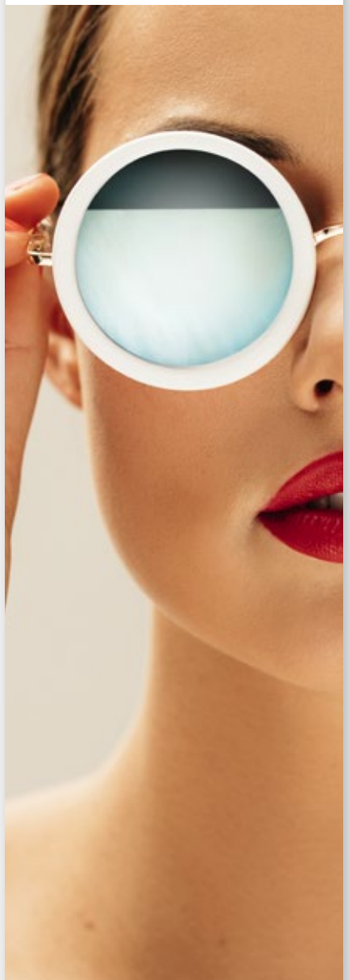
**Check your country availability!**



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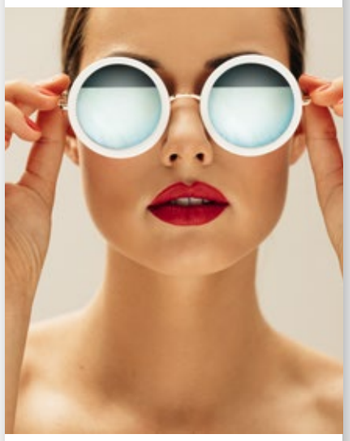
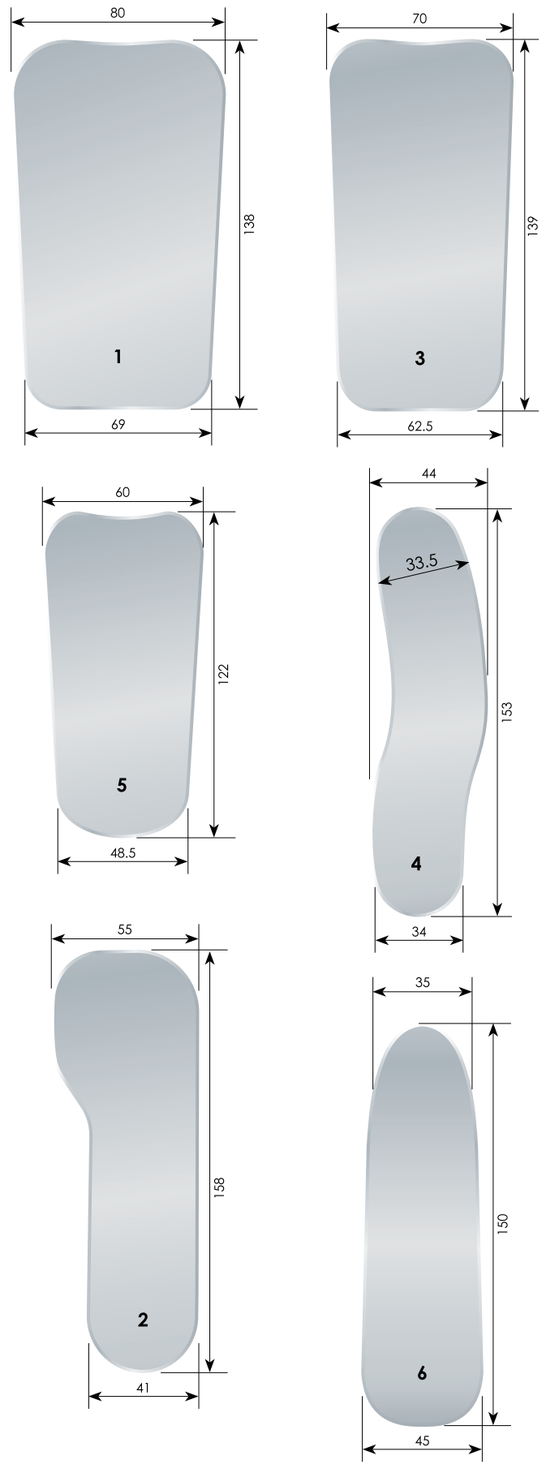


# TRUEOPTICS™ Mirror




all measurements
in mm

| TRUEOPTICS™ | |
|---|---|
| ECONOMY Kit<br>1 x Mirror holder / main unit<br>1 x Lithium battery and charger<br>1 x Photo Mirror of your choice | JK-PMDECO |
| ECONOMY PLUS Kit<br>1 x Mirror holder / main unit<br>1 x Lithium battery and charger<br>1 x Photo Mirror of your choice<br>1 x Vestibule retractor<br>2 x Cheek retractors | JK-PMDECO+ |
| VARIO Kit<br>1 x Mirror holder / main unit<br>1 x Lithium battery and charger<br>1 x Sterilization cassette<br>3 x Photo Mirrors of your choice | JK-PMDEVE |
| VARIO PLUS Kit<br>1 x Mirror holder / main unit<br>1 x Lithium battery and charger<br>1 x Sterilization cassette<br>3 x Photo Mirrors of your choice<br>1 x Vestibule retractor<br>2 x Cheek retractors | JK-PMDEVE+ |
| EVERY Kit<br>1 x Mirror holder / main unit<br>1 x Lithium battery and charger<br>1 x Sterilization cassette<br>4 x Photo Mirrors of your choice | JK-PMDEVE |
| PROFESSIONAL Kit<br>1 x Suitcase for photo equipment<br>1 x Mirror holder / main unit<br>1 x Lithium battery and charger<br>1 x Sterilization cassette<br>4 x Photo Mirrors of your choice<br>1 x Vestibule retractor<br>2 x Cheek retractors | JK-PMDPRO |

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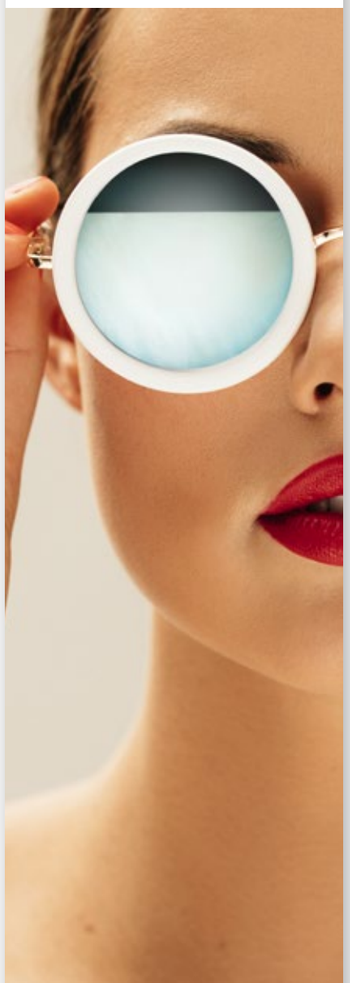
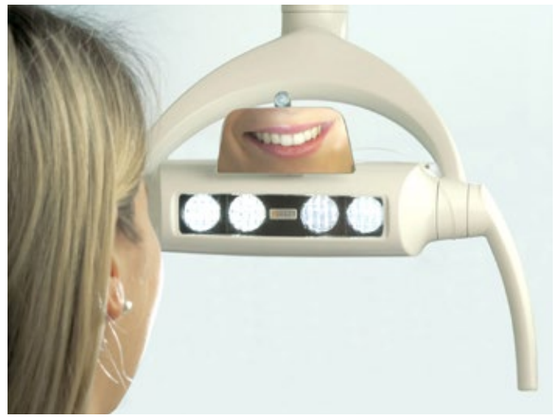
**Check your country availability!**



# REFLEX COMMUNICATOR™

## Patient communication mirror



### PERFORMANCE

The REFLEX COMMUNICATOR™ is a particularly useful accessory during intraoral procedures involving orthodontics, oral hygiene instruction, and consultations when description and advice is needed.

### POWER

Trust building between orthodontist and patients as patients can see what you are working on. To treat a relaxed patient will give you a better feeling and even better treatment results as you can work more effectively.

### SPEED

The mirror is directly fixed to the lamp so you don´t need to search for mirrors if patients are interested. Your hands are now free for demonstrations and treatment.

### EXTRA BENEFIT

For special occasions, the mirror can be tipped out of the patient's sight.

### LOVE STORY

A simple and proven solution to the age-old problem of communicating effectively with patients. An excellent tool for easing fear and tension, and freeing the orthodontist to concentrate on intricate procedures.

"Visible dangers frightens us less than the imaginary."
*William Shakespeare*

Check with us to see whether the Reflex Communicator is suitable for your operating light!

| REFLEX COMMUNICATOR™ | |
|---|---|
| 70mm | RFLX-7000 |
| 70mm with adapter for SIROLUX | RFLX-70SIRO |
| 90mm | RFLX-9000 |
| 90mm with adapter for SIROLUX | RFLX-90SIRO |
| LED with adapter for Sirona LEDview | RFLX LED |
| Silicone adhesive | RFLX-Glue |

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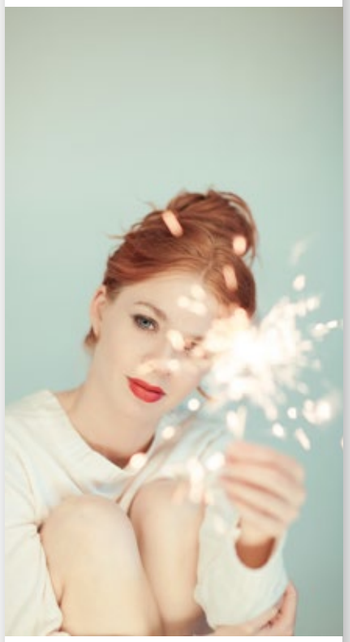

# ORTHO LED™

## Ortho light curing lamp

### LOVE STORY

The wireless high-power lamp for fast and safe polymerization, especially designed for the different ortho applications!

### PERFORMANCE

This new Ortho LED light curing lamp, specially developed for orthodontics, is a wireless high-power LED lamp for all light-hardening materials, hardening in the light wavelength range of 440-480 nm.

### POWER

Especially designed for orthodontics! With the RAMP mode, light-curing intensity increases avoiding shrinking and assuring an in-depth curing of the bonding for a greater bonding strength. Quick curing using the FAST ORTHO mode for rebonding.

### SPEED

Never shutdown after continuous use!
The smart heat-management system prevents the device from overheating after continuous use. Therefore, it ensures the highest possible intensity of light at the light guide tip for quick and reliable ortho light curing.

### EXTRA BENEFIT

The wireless handpiece is 180 g lightweight and has an ergonomic, white design. The integrated high-performance cooling allows you to work trouble-free and pleasantly quiet. The closed housing with removable light guide allows easy disinfection. The Lithium Ion battery gives you a powerful and long-lasting life (100,000 hours).

### 6 POWERFUL EXTENSIVE MODES

LED display, turbo light guide rod, 6 modes including Low, Ramp, Standard, High, Fast Ortho, Turbo.

### TURBO MODE - CURE FAST IN 2 SEC.

Use high power 10W LEDs, up to 2,400 mW/cm². It can cure the composite resin over 2 mm in 2 seconds.

### NEVER SHUTDOWN AFTER CONTINUOUS USE

The smart heat-management system prevents the device from overheating after continuous use.

| ICON | MODE | CURING TIME DURATION (SEC) | INTENSITY OF LIGHT |
|---|---|---|---|
| LOW 10 | LOW | 10, 20, 30, 40 | 600 mW/cm² (+/- 15%) |
| RAMP 05 | RAMP | 5, 10, 15, 20, 25, 30, 35, 40 | 1,000 mW/cm² (+/- 10%) |
| STANDARD 05 | STANDARD | 5, 10, 15, 20, 25, 30, 35, 40 | 1,000 mW/cm² (+/- 10%) |
| HIGH 02 | HIGH | 2, 4, 6, 8, 10 | 1,800 mW/cm² (+/- 10%) |
| FAST ORTHO 03 | FAST ORTHO | 3, 4, 5 repeat 10 times | 1,800 mW/cm² (+/- 10%) |
| TURBO 02 | TURBO | 2, 3, 4, 5 | 2,400 mW/cm² (+/- 10%) |

| ORTHO LED™ | |
|---|---|
| Light curing lamp incl. Battery, cradle, power supply, otpical fiber light guide rod, filter, anti-glare shield, disposable guide & light sleeves | DP-Curing Light |
| Optical fiber light guide, 11>8 mm, black | DP-Curing Light-LL |

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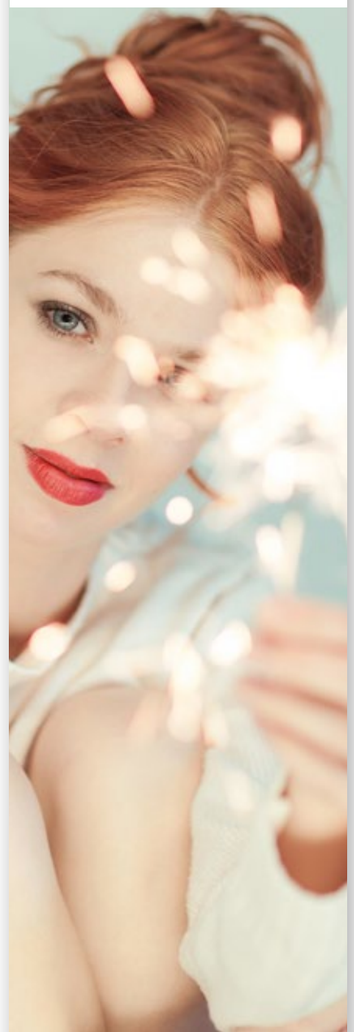
**Check your country availability!**



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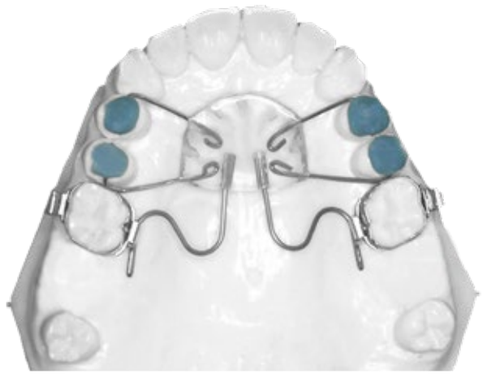
# DISTAL GLIDE™

## Effective distalization



### LOVE STORY

Adenta engineered an appliance to provide increased stability and improved overall response. The distalization springs are made out of a high-quality nickel-free Beta-Titanium alloy with the ideal combination of springiness and distalization power. Easily activated outside of the mouth for a clean and cutting-edge pendulum appliance.

### PERFORMANCE

Engineered as an appliance to provide increased stability and improved overall response, the DISTAL GLIDE™ comes with precision made springs made from a high-quality breakage-resistant nickel-free Beta Titanium alloy.

### POWER

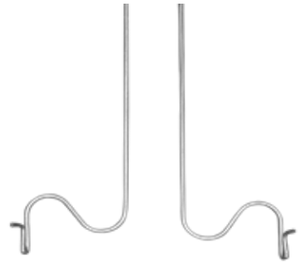
Our .032“ nickel-free Beta Titanium wire offers twice the elastic movement of stainless steel, while maintaining like formability. The Adenta Beta Titanium wires can withhold correction bands up to 3 times in 90° angles - no more worries about adjustments.

### SPEED

Activation is made outside the mouth, just take a new spring and cut it 4mm longer than the last spring - just insert it to reactivate!.

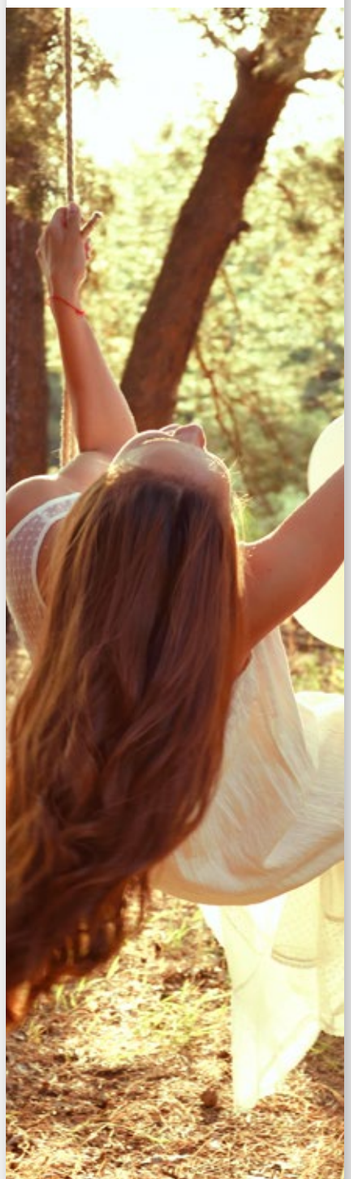
### EXTRA BENEFIT

Prefabricated horizontally flat springs decrease bending errors and provide consistent forces.



Easily activated by cutting a new DISTAL GLIDE™ spring 4 mm larger than your last spring.

| DISTAL GLIDE™ | |
|---|---|
| Office Kit<br>10 x spring right, 10 x spring left<br>20 x tubes | DP-DGP-PR |
| Starter Kit<br>5 x spring right, 5 x spring left<br>10 x tubes | DP-DGP-ST |



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# STARLIGHT EXPRESS™

## Clear button former

### PERFORMANCE

This small light-cure pen forms a tooth-colored button or aligner abutment quickly and economically.

### POWER

The STARLIGHT EXPRESS™ is a 2in1 Option - useful as a clear button former or a clear aligner abutment former.

### SPEED

Only short 30-50 sec are needed for curing. Powered with battery for fast and easy use.

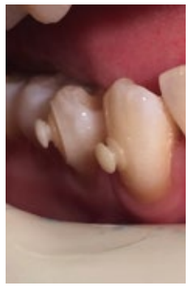
### EXTRA BENEFIT

The STARLIGHT EXPRESS™ is a very economical solution as you can carry it easily as a pen in your breast pocket.
The silicone molds can also be used on most standard light-curing lamps.

### LOVE STORY

It is truly the smart little helpers that make our everyday ortho life easier.

Create your own clear buttons chairside just with resin or bonding material at no extra costs!

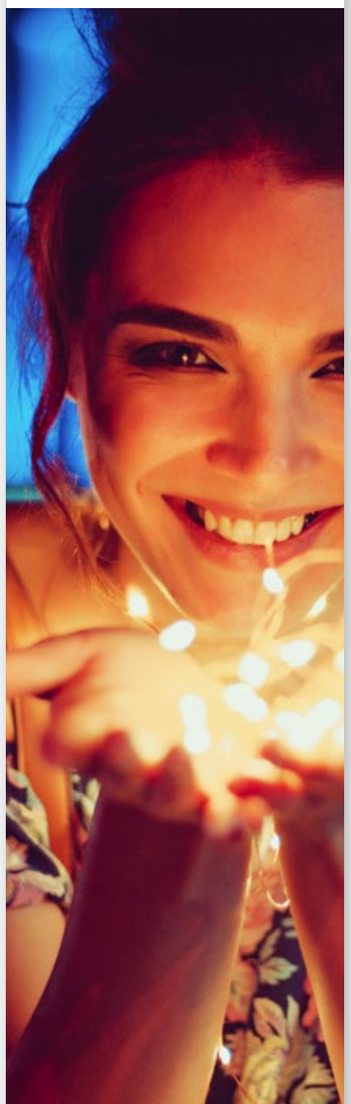


Courtesy of Elena Moreno, 2019

**Clear button and clear aligner abutment former with light-polymerization in pencil-size**

Simply push the mold on the top of the STARLIGHT EXPRESS™ or on your own light curing lamp. Fill the preformed mold with your light-curing bonding or resin material in a syringe.
Etch the tooth as usual. Press the STARLIGHT EXPRESS™ directly on the relevant tooth and cure according to the bonding/resin material instructions. After curing remove the STARLIGHT EXPRESS™ carefully with a small tipping motion and reveal your tooth colored button or aligner abutment. Bonded and ready to be used!

| STARLIGHT EXPRESS™ | |
|---|---|
| Light curing lamp | DP-STARLIGHT |
| Light curing lamp<br>1 x button former silicone<br>1 x aligner abutment former silicone | DP-STARLIGHT + |
| Light curing lamp<br>2 x aligner abutment former silicone | DP-STARLIGHT +S |
| 2 x button former silicone | DP-STARLIGHT-K |
| 2 x aligner abutment former silicone | DP-STARLIGHT-S |
| 1.5V battery | DP-STARLIGHT-BAT |



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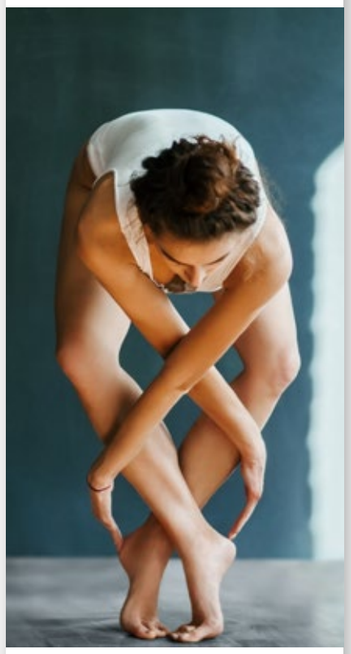


# CURVES™

## Anatomically adaptable IPR

### PERFORMANCE

Reduction of the enamel and contouring in one go.
The CURVES™ interproximal strip can be curved easily with the thumb to match the natural interdental tooth curvature.

### POWER

From 25 µm up to 90 µm, CURVES™ offers controlled, minimally invasive and accurate gradual enamel reduction, complemented by a 15 µm high gloss polishing strip for finishing.

### SPEED

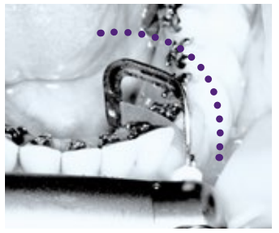
Double sided, diamond coated, non-calibrated design for oscillating contra-angles to assure a smooth and fine contouring.

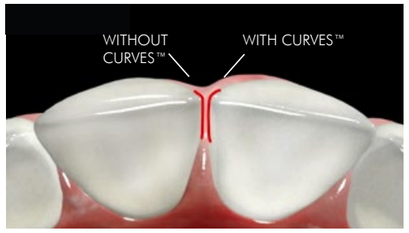
### EXTRA BENEFIT

For safe use of the CURVES™ stripping tools without an oscillating contra-angle handpiece, a straight and angled sterilizable manual handle is also available.

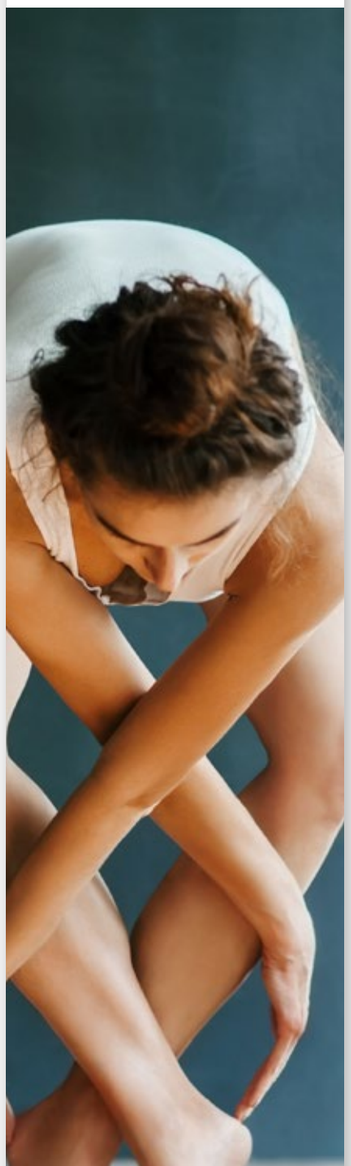
### LOVE STORY

Accurate and gentle proximal reduction maintaining the natural tooth shape – a must-have for modern aligner treatment solutions.






| ITEM | DESCRIPTION | ITEM # |
|---|---|---|
| Strip (15 µm) | Polisher | IPR-15 |
| Strip (25 µm) | | IPR-25 |
| Strip (40 µm) | | IPR-40 |
| Strip (60 µm) | | IPR-60 |
| Strip (90 µm) | | IPR-90 |
| Strip (40 µm) | Opener/ Separator | IPR-OP-40 |
| Starter Kit "A" | 5 Strips<br>excl. measuring gauge | IPR-STARTER-A |
| Starter Kit "B" | 5 Strips<br>incl. measuring gauge | IPR-STARTER-B |
| Starter Kit "C" | 6 Strips<br>incl. measuring gauge<br>incl. Opener/Separator | IPR-STARTER-C |
| Sterilization casette | for IPR-Products | IPR-TRAY |
| SMT<br>Mobile Unit | Portable micromotor<br>With lithium-ion battery<br>1,000-30,000 rpm.<br>torque 2.4Ncm<br>Up to 5 hours mobile | IPR-1324 |
| Stainless Steel Handle | Straight and 45 ° angled<br>(Strips not included) | IPR-1501 |
| Measuring<br>Gauge | 5 gauges (0.1 - 0.5mm)<br>Measuring range (0.1 - 1.5mm) | IPR-1600 |



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ORTHODONTIC
# wires

## SPOILT FOR CHOICE - DISCOVER OUR RANGE OF ADNETA PREMIUM WIRES: FROM GENTLE TO STRONG; WE HAVE WHAT YOU´VE BEEN LOOKING FOR

Choosing the right wire for the right situation can reduce treatment time, minimize chair time, maximize patient comfort, and produce better results. Adenta offers a wide variety of wire types, arch forms, sizes, and force values, allowing you to choose the best wires to fulfil your treatment goals.

## MATERIAL IS THE KEY

NiTi, Stainless Steel, and nickel-free options all have their advantages to whichever treatment goal you are working towards. Low friction is the key asset of your archwire range because lower friction = faster results.

- Move into bigger wires faster
- Rapid alignment and leveling of arches
- Minimize total treatment time
- Start anterior and posterior changes sooner
- Use during space closure

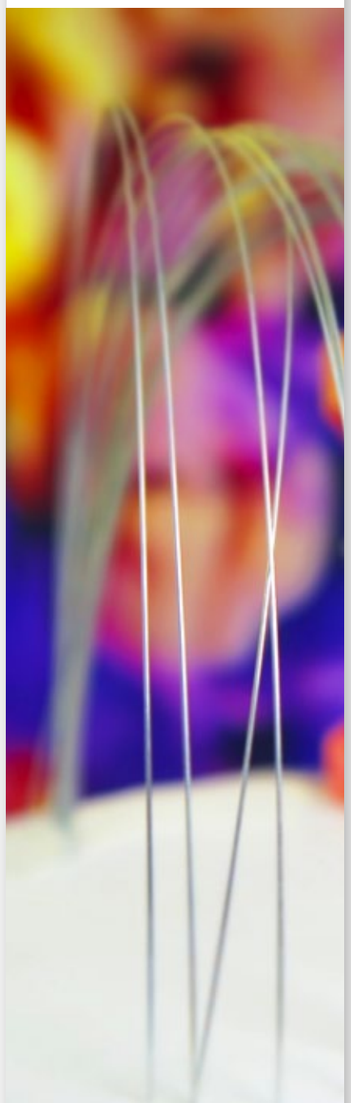
## Adenta WIRES MAKE THE DIFFERENCE – WHY?

Bracket manufacturers tend to oversize the bracket slots y 10-20% to assure that a slot filling wire fits.
Wire manufacturers tend to undersize the wire diameters for the same reason.
How would you therefore respond to the following situation?

### You have asked for a .019”x.025” wire but clinically it behaves like a .016”x.022”.

We at Adenta understand the importance of the intimate fit between wire and bracket slot and have coordinated our CNC precision bracket slots with our diamond drawn wires. Accurate wire diameters with smallest possible corner radius provide that extra clinical quality you have been looking for.
With Adenta wires, your patients benefit from that extra accuracy that accelerates orthodontic treatment and turns your cases in the precise smile you have planned. Let the wire do its job!

At Adenta you get what you are asking for and expecting – no compromises!



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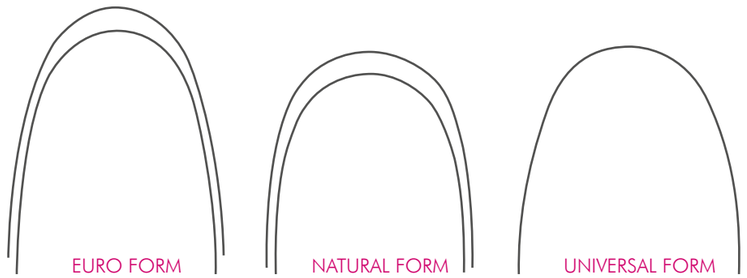
# THERMADENT™ SUPER LIGHT

## Heat-activated nickel titanium wire




Low friction due to diamond drawn wires.
Light, continuous forces for gentle tooth movement.

*10 pcs / pack*

| SIZE | | EURO | NATURAL | UNIVERSAL |
|---|---|---|---|---|
| .012" | UP | NNTME12U | NNTMN12U | |
| | LO | NNTME12L | NNTMN12L | |
| .013" | UP | | | NNTMU13 |
| | LO | | | |
| .014" | UP | NNTME14U | NNTMN14U | NNTMU14 |
| | LO | NNTME14L | NNTMN14L | |
| .016" | UP | NNTME16U | NNTMN16U | NNTMU16 |
| | LO | NNTME16L | NNTMN16L | |
| .018" | UP | NNTME18U | NNTMN18U | NNTMU18 |
| | LO | NNTME18L | NNTMN18L | |
| .020" | UP | NNTME20U | NNTMN20U | |
| | LO | NNTME20L | NNTMN20L | |
| .014"x.025" | UP | NNTME14x25U | NNTMN14x25U | NNTMU14x25 |
| | LO | NNTME14x25L | NNTMN14x25L | |
| .016"x.016" | UP | NNTME16x16U | NNTMN16x16U | NNTMU16x16 |
| | LO | NNTME16x16L | NNTMN16x16L | |
| .016"x.022" | UP | NNTME16x22U | NNTMN16x22U | NNTMU16x22 |
| | LO | NNTME16x22L | NNTMN16x22L | |
| .016"x.025" | UP | NNTME16x25U | NNTMN16x25U | NNTMU16x25 |
| | LO | NNTME16x25L | NNTMN16x25L | |
| .017"x.017" | UP | | | |
| | LO | | | |
| .017"x.022" | UP | | | |
| | LO | | | |
| .017"x.025" | UP | NNTME17x25U | NNTMN17x25U | NNTMU17x25 |
| | LO | NNTME17x25L | NNTMN17x25L | |
| .018"x.018" | UP | NNTME18x18U | NNTMN18x18U | NNTMU18x18 |
| | LO | NNTME18x18L | NNTMN18x18L | |
| .018"x.025" | UP | NNTME18x25U | NNTMN18x25U | NNTMU18x25 |
| | LO | NNTME18x25L | NNTMN18x25L | |
| .019"x.025" | UP | NNTME19x25U | NNTMN19x25U | NNTMU19x25 |
| | LO | NNTME19x25L | NNTMN19x25L | |
| .020"x.020" | UP | NNTME20x20U | NNTMN20x20U | NNTMU20x20 |
| | LO | NNTME20x20L | NNTMN20x20L | |
| .021"x.025" | UP | NNTME21x25U | NNTMN21x25U | NNTMU21x25 |
| | LO | NNTME21x25L | NNTMN21x25L | |

For Multi-Pack orders, please use "100-" as prefix for each item.

For Single-Pack orders, please use "S-" as prefix for each item number.
MOQ 100 pcs / item number.

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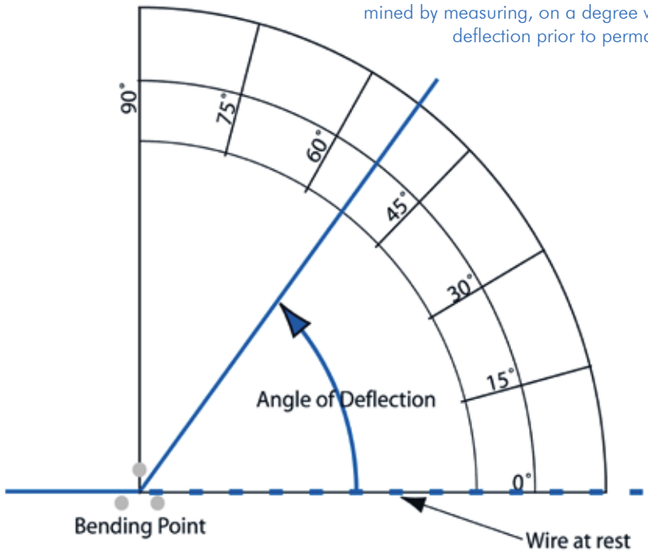
## Nickel Titanium Maximum Bend Angles

NiTi is so resilient that it is tempting to bend it just a little more: but, how far can it go without being over-stressed and permanent deformations is introduced?

We used a three prong (.020" radius) bending pliers (jaws depicted as grey circles in diagram above) to replicate the bend angle of a wire exiting a bracket. The maximum bend angle was determined by measuring, on a degree wheel, the angle of deflection prior to permanent deformation.




## Maximum Bend Angle Guide

75° **.012** wire

70° **.013** wire

60° **.014** and **.014 x .025** wire

50° **.016** and **.018** wire

45° **.020** , **.016 x .016** , **.016 x .022** , **.016 x .025** , and **.017 x .025** wire

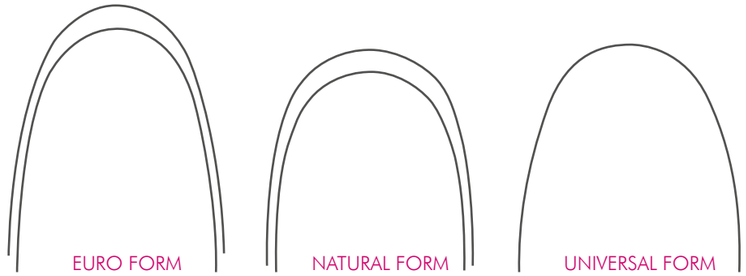
43° **.018 x .018** , **.018 x .025** , and **.019 x .025** wire

40° **.021 x .025** wire

NOTE: This data is for approximate reference only. Actual bend angles will be dependent upon specifics of a particular case. Actual wire dimension, bracket position, slot edge radius, wire span, and ligating techniques, etc. will all affect maximum bend angle.

# THERMADENT™ LIGHT

## Heat-activated nickel titanium wire




Low friction due to diamond drawn wires.
Light, continuous forces for gentle tooth movement.

### PERFORMANCE

Like an ice skating princess, our thermal heat-activated THERMADENT™ NiTi wires are soft and agile at cold temperatures. They can perform numerous delicate turns and bends like a wire in a bracket slot.
It's clinical elegance gained from constant low forces throughout diameter progression guarantee soft but effective leveling and alignment.

### POWER

From .012" up to .021"x.025", all wires work with deflection forces from 35 grams up to 150 grams. Larger diameters can be introduced earlier.
3D tooth movement is primarily achieved by progression of wire diameter.
The 40° offers even 30% less force.

### SPEED

With its soft feel at room temperature, you will love the ease of ligation. Highly efficient for crowding, and general leveling and alignment.

Larger wire diameters can be integrated earlier for 3D tooth movement. This wire used for healthy tooth movement with low tooth moving forces.

### EXTRA BENEFIT

Low biological tooth moving forces allow to introduce early torque control with large cross-section rectangle wires, such as our .014" x .025'". Try it out as a starting wire and you will be amazed with simultaneous leveling, torqueing and correction of rotations.

*10 pcs / pack*

| SIZE | | EURO | NATURAL | UNIVERSAL |
|---|---|---|---|---|
| .012" | UP | NNTE12U | NNTN12U | |
| | LO | NNTE12L | NNTN12L | |
| .013" | UP | | | NNTU13 |
| | LO | | | |
| .014" | UP | NNTE14U | NNTN14U | NNTU14 |
| | LO | NNTE14L | NNTN14L | |
| .016" | UP | NNTE16U | NNTN16U | NNTU16 |
| | LO | NNTE16L | NNTN16L | |
| .018" | UP | NNTE18U | NNTN18U | NNTU18 |
| | LO | NNTE18L | NNTN18L | |
| .020" | UP | NNTE20U | NNTN20U | |
| | LO | NNTE20L | NNTN20L | |
| .014"x.025" | UP | NNTE14x25U | NNTN14x25U | NNTU14x25 |
| | LO | NNTE14x25L | NNTN14x25L | |
| .016"x.016" | UP | NNTE16x16U | NNTN16x16U | NNTU16x16 |
| | LO | NNTE16x16L | NNTN16x16L | |
| .016"x.022" | UP | NNTE16x22U | NNTN16x22U | NNTU16x22 |
| | LO | NNTE16x22L | NNTN16x22L | |
| .016"x.025" | UP | NNTE16x25U | NNTN16x25U | NNTU16x25 |
| | LO | NNTE16x25L | NNTN16x25L | |
| .017"x.017" | UP | | | |
| | LO | | | |
| .017"x.022" | UP | | | |
| | LO | | | |
| .017"x.025" | UP | NNTE17x25U | NNTN17x25U | NNTU17x25 |
| | LO | NNTE17x25L | NNTN17x25L | |
| .018"x.018" | UP | NNTE18x18U | NNTN18x18U | NNTU18x18 |
| | LO | NNTE18x18L | NNTN18x18L | |
| .018"x.025" | UP | NNTE18x25U | NNTN18x25U | NNTU18x25 |
| | LO | NNTE18x25L | NNTN18x25L | |
| .019"x.025" | UP | NNTE19x25U | NNTN19x25U | NNTU19x25 |
| | LO | NNTE19x25L | NNTN19x25L | |
| .020"x.020" | UP | NNTE20x20U | NNTN20x20U | NNTU20x20 |
| | LO | NNTE20x20L | NNTN20x20L | |
| .021"x.025" | UP | NNTE21x25U | NNTN21x25U | NNTU21x25 |
| | LO | NNTE21x25L | NNTN21x25L | |

For Multi-Pack orders, please use "100-" as prefix for each item.

For Single-Pack orders, please use "S-" as prefix for each item number.
MOQ 100 pcs / item number.

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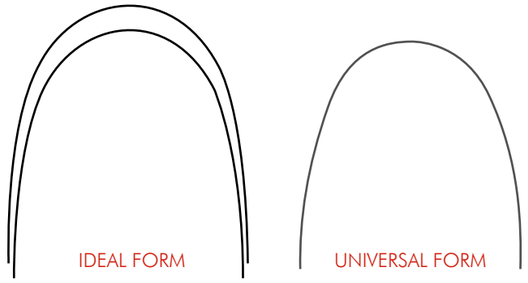
GERMAN ENGINEERING
TO ORTHODONTICS

# COPPERDENT™

## Copper heat-activated nickel titanium wire




Additional copper for that “EXTRA” bit of near-constant forces throughout treatment.

### PERFORMANCE

With that extra energy boost of Copper, our heat-activated COPPERDENT™ NiTi wires offer you constant physical fitness throughout the entire treatment. Like an energetically fighting ice hockey player, they are more resistant to deformation from orthodontic body checks, cross checks, hooking and interferences – but with no penalties.

### POWER

From .012” up to .021”x.025”, all wires work with deflection forces from 60 grams up to 320 grams.
3D tooth movement is achieved by both progression of wire diameter and force.

### SPEED

With just the extra energy, these wires work at a higher force level then our low force THERMADENT™ wires.
Compared to common Copper NiTi wires, Adenta guarantees controlled force consistency and transformation properties for outstanding and long-lasting wire performance.

### EXTRA BENEFIT

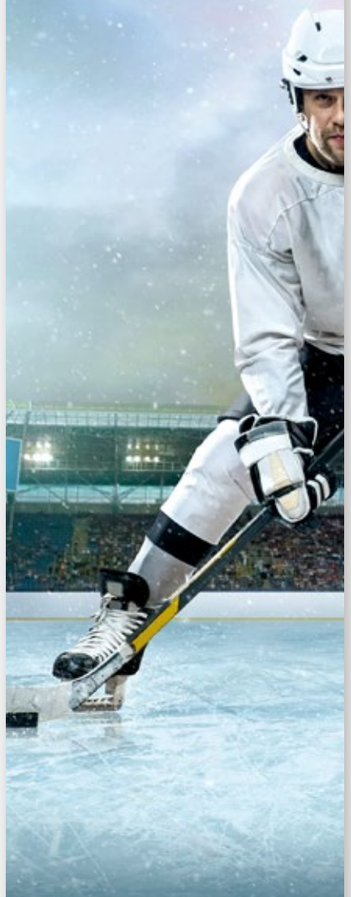
Try out our COPPERDENT™ with pre-stopped tubes.
The soft, fully annealed Adenta tube stops are lightly pre-crimped for retention on the archwire and require only a light crimp by the clinician to secure.

| SIZE | | IDEAL - between EURO and NATURAL | UNIVERSAL | IDEAL - between EURO and NATURAL | UNIVERSAL |
|---|---|---|---|---|---|
| .012" | UP | | | | |
| | LO | | | | |
| .013" | UP | C1NNTI13U | C1NNTU13 | C1NNTIT13U | C1NNTUT13 |
| | LO | C1NNTI13L | | C1NNTIT13L | |
| .014" | UP | C1NNTI14U | C1NNTU14 | C1NNTIT14U | C1NNTUT14 |
| | LO | C1NNTI14L | | C1NNTIT14L | |
| .016" | UP | C1NNTI16U | C1NNTU16 | C1NNTIT16U | C1NNTUT16 |
| | LO | C1NNTI16L | | C1NNTIT16L | |
| .018" | UP | C1NNTI18U | C1NNTU18 | C1NNTIT18U | C1NNTUT18 |
| | LO | C1NNTI18L | | C1NNTIT18L | |
| .020" | UP | | | | |
| | LO | | | | |
| .014"x.025" | UP | C1NNTI14x25U | C1NNTU14x25 | C1NNTIT14x25U | C1NNTUT14x25 |
| | LO | C1NNTI14x25L | | C1NNTIT14x25L | |
| .016"x.016" | UP | | | | |
| | LO | | | | |
| .016"x.022" | UP | C1NNTI16x22U | C1NNTU16x22 | C1NNTIT16x22U | C1NNTUT16x22 |
| | LO | C1NNTI16x22L | | C1NNTIT16x22L | |
| .016"x.025" | UP | C1NNTI16x25U | C1NNTU16x25 | C1NNTIT16x25U | C1NNTUT16x25 |
| | LO | C1NNTI16x25L | | C1NNTIT16x25L | |
| .017"x.017" | UP | C2NNTI17x17U | C2NNTU17x17 | C2NNTIT17x17U | C2NNTUT17x17 |
| | LO | C2NNTI17x17L | | C2NNTIT17x17L | |
| .017"x.022" | UP | | | | |
| | LO | | | | |
| .017"x.025" | UP | C1NNTI17x25U | C1NNTU17x25 | C1NNTIT17x25U | C1NNTUT17x25 |
| | LO | C1NNTI17x25L | | C1NNTIT17x25L | |
| .018"x.018" | UP | | | | |
| | LO | | | | |
| .018"x.025" | UP | C1NNTI18x25U | C1NNTU18x25 | C1NNTIT18x25U | C1NNTUT18x25 |
| | LO | C1NNTI18x25L | | C1NNTIT18x25L | |
| .019"x.025" | UP | C1NNTI19x25U | C1NNTU19x25 | C1NNTIT19x25U | C1NNTUT19x25 |
| | LO | C1NNTI19x25L | | C1NNTIT19x25L | |
| .020"x.020" | UP | C2NNTI20x20U | C2NNTU20x20 | C2NNTIT20x20U | C2NNTUT20x20 |
| | LO | C2NNTI20x20L | | C2NNTIT20x20L | |

C1 = strongest force level Copper NiTi
C2 = medium force level Copper NiTi

For Multi-Pack orders, please use "100-" as prefix for each item.

For Single-Pack orders, please use "S-" as prefix for each item number.
MOQ 100 pcs / item number.



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# MULTIDENT™

## 3-Forces - NiTi thermo wire

### PERFORMANCE

Like an IRONMEN® triathlete, our heat-activated MULTIDENT™ nickel-titanium wires offer three specializations in one: three heat-activated, biological forces designed into a single wire for effective tooth movement in each specified region. With this chilly ligation option in conjunction with maintaining superior shape integrity, this wire accelerates arch expression.

### POWER

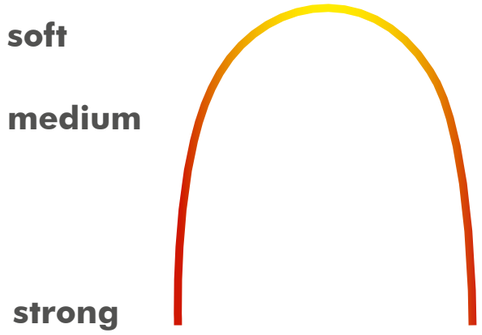
The anterior region has the lowest heat-activated force, as the anterior teeth have the lightest roots.
The bicuspid region has a slightly greater heat-activated force to move the larger rooted bicuspids. The posterior region has the greatest heat-activated force of the archwire, for moving the strong-rooted molars.

### SPEED

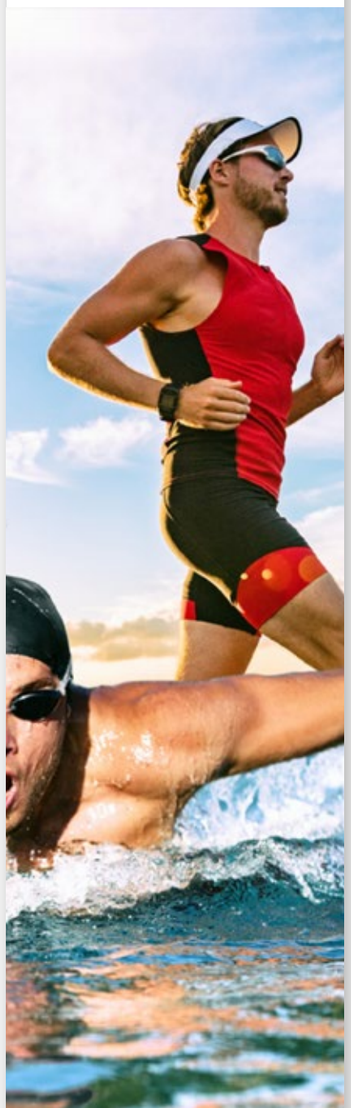
Unlike other multi-force wires, our Adenta MULTIDENT™ is heat activated in all areas.
This allows for fine-tuned biologically correct forces, resulting in faster tooth alignment. All segments of the wire respond to chilled ligation techniques for easier, faster wire placement.

### EXTRA BENEFIT

Reduce office visits by reducing the number of wires. Get into larger wires earlier will boost your treatment economics!

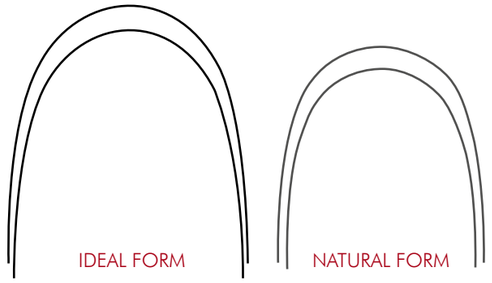



Available also as round wires for an efficient arch forming in preparation for torque transmission.



# MULTIDENT™

## 3-Forces - NiTi thermo wire




NEW

Providing optimal force to all 3 different regions speeds up your treatment success.

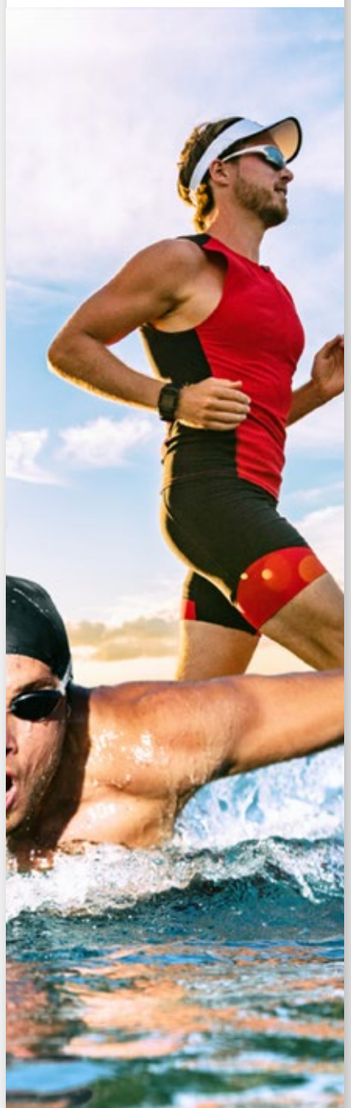
| SIZE | | IDEAL - between EURO and NATURAL | NATURAL |
|---|---|---|---|
| | | *10 pcs / pack* | |
| .012" | UP | | |
| | LO | | |
| .013" | UP | | |
| | LO | | |
| .014" | UP | | |
| | LO | | |
| .016" | UP | NNTGI16U | NNTGN16U |
| | LO | NNTGI16L | NNTGN16L |
| .018" | UP | NNTGI18U | NNTGN18U |
| | LO | NNTGI18L | NNTGN18L |
| .020" | UP | | |
| | LO | | |
| .014"x.025" | UP | | |
| | LO | | |
| .016"x.016" | UP | NNTGI16x16U | NNTGN16x16U |
| | LO | NNTGI16x16L | NNTGN16x16L |
| .016"x.022" | UP | NNTGI16x22U | NNTGN16x22U |
| | LO | NNTGI16x22L | NNTGN16x22L |
| .016"x.025" | UP | | |
| | LO | | |
| .017"x.017" | UP | | |
| | LO | | |
| .017"x.022" | UP | | |
| | LO | | |
| .017"x.025" | UP | NNTGI17x25U | NNTGN17x25U |
| | LO | NNTGI17x25L | NNTGN17x25L |
| .018"x.018" | UP | NNTGI18x18U | NNTGN18x18U |
| | LO | NNTGI18x18L | NNTGN18x18L |
| .018"x.025" | UP | NNTGI18x25U | NNTGN18x25U |
| | LO | NNTGI18x25L | NNTGN18x25L |
| .019"x.025" | UP | NNTGI19x25U | NNTGN19x25U |
| | LO | NNTGI19x25L | NNTGN19x25L |
| .020"x.020" | UP | NNTGI20x20U | NNTGN20x20U |
| | LO | NNTGI20x20L | NNTGN20x20L |
| .021"x.025" | UP | NNTGI21x25U | NNTGN21x25U |
| | LO | NNTGI21x25L | NNTGN21x25L |

For Multi-Pack orders, please use "100-" as prefix for each item.

For Single-Pack orders, please use "S-" as prefix for each item number.
MOQ 100 pcs / item number.

| SIZE | | IDEAL - between EURO and NATURAL | NATURAL |
|---|---|---|---|
| | | *10 pcs / pack* ***PRE-STOPPED*** | |
| .012" | UP | | |
| | LO | | |
| .013" | UP | | |
| | LO | | |
| .014" | UP | | |
| | LO | | |
| .016" | UP | NNTGIT16U | NNTGNT16U |
| | LO | NNTGIT16L | NNTGNT16L |
| .018" | UP | NNTGIT18U | NNTGNT18U |
| | LO | NNTGIT18L | NNTGNT18L |
| .020" | UP | | |
| | LO | | |
| .014"x.025" | UP | | |
| | LO | | |
| .016"x.016" | UP | NNTGIT16x16U | NNTGNT16x16U |
| | LO | NNTGIT16x16L | NNTGNT16x16L |
| .016"x.022" | UP | NNTGIT16x22U | NNTGNT16x22U |
| | LO | NNTGIT16x22L | NNTGNT16x22L |
| .016"x.025" | UP | | |
| | LO | | |
| .017"x.017" | UP | | |
| | LO | | |
| .017"x.022" | UP | | |
| | LO | | |
| .017"x.025" | UP | NNTGIT17x25U | NNTGNT17x25U |
| | LO | NNTGIT17x25L | NNTGNT17x25L |
| .018"x.018" | UP | NNTGIT18x18U | NNTGNT18x18U |
| | LO | NNTGIT18x18L | NNTGNT18x18L |
| .018"x.025" | UP | NNTGIT18x25U | NNTGNT18x25U |
| | LO | NNTGIT18x25L | NNTGNT18x25L |
| .019"x.025" | UP | NNTGIT19x25U | NNTGNT19x25U |
| | LO | NNTGIT19x25L | NNTGNT19x25L |
| .020"x.020" | UP | NNTGIT20x20U | NNTGNT20x20U |
| | LO | NNTGIT20x20L | NNTGNT20x20L |
| .021"x.025" | UP | NNTGIT21x25U | NNTGNT21x25U |
| | LO | NNTGIT21x25L | NNTGNT21x25L |

For Single-Pack orders, please use "S-" as prefix for each item number.
MOQ 100 pcs / item number.



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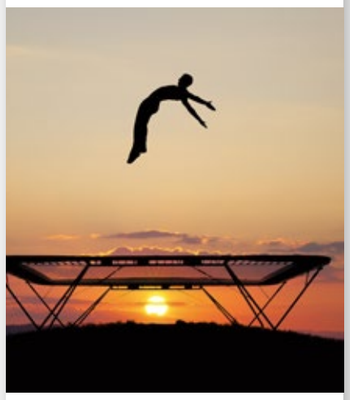
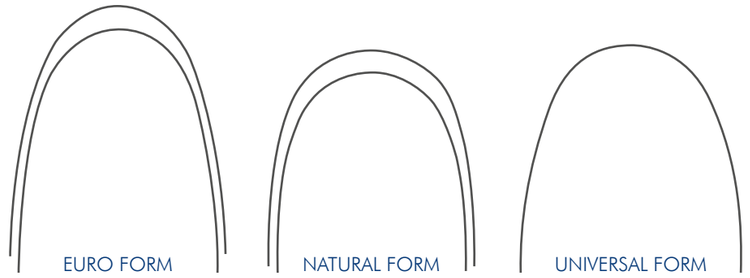
GERMAN ENGINEERING
TO ORTHODONTICS



# FLEXADENT™

## Superelastic NiTi wire




Low friction due to diamond drawn wires.
Extremely high shape memory with relatively constant forces.

### PERFORMANCE

Trampoline athletes repeatedly perform complex and vibrant tricks, full of persistence and unparalleled flexibility. Like our FLEXADENT™ superelastic nickel titanium wires, that withstand numerous strains and love to spring back to their original shapes – over and over again.

### POWER

The moderate, consistent force exhibited by a FLEXADENT™ wire is perfect for early- to mid-stage treatment. This wire has a polished finish and exhibits high flexibility and resiliency.

### SPEED

Our moderate forces and a longer activation range allows our rectangle wires to be used earlier in treatment and to move teeth over a longer period.

### EXTRA BENEFIT

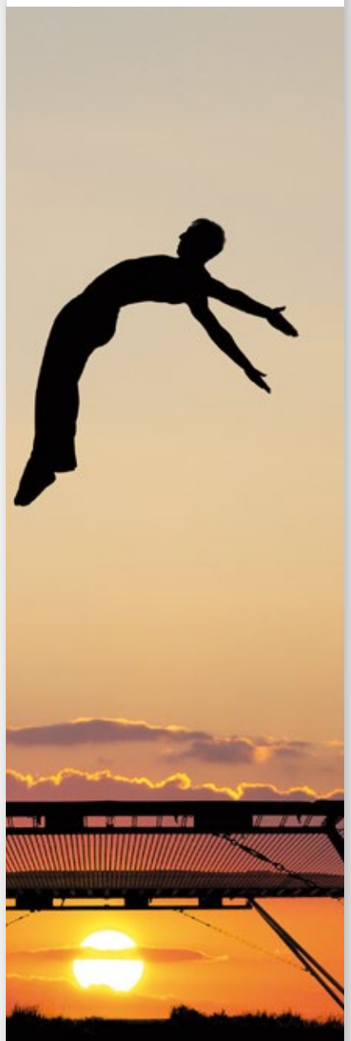
Due to its high flexibility and resiliency, Adenta's FLEXADENT™ wires recover beautifully from bends and deformation of angles up to 45°, and even up to 75° when using small wire diameters. You and your treatment progress will love this flexibility.

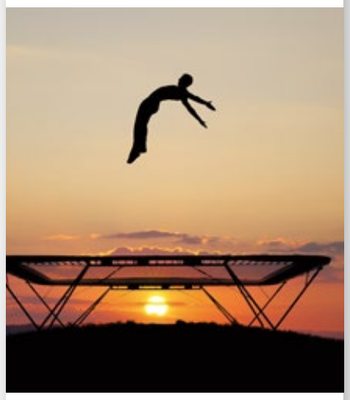
*10 pcs / pack*

| SIZE | | EURO | NATURAL | UNIVERSAL |
|---|---|---|---|---|
| .012" | UP | NTE12U | NTN12U | NTU12 |
| | LO | NTE12L | NTN12L | |
| .013" | UP | | | NTU13 |
| | LO | | | |
| .014" | UP | NTE14U | NTN14U | NTU14 |
| | LO | NTE14L | NTN14L | |
| .016" | UP | NTE16U | NTN16U | NTU16 |
| | LO | NTE16L | NTN16L | |
| .018" | UP | NTE18U | NTN18U | NTU18 |
| | LO | NTE18L | NTN18L | |
| .020" | UP | NTE20U | NTN20U | NTU20 |
| | LO | NTE20L | NTN20L | |
| .014"x.025" | UP | NTE14x25U | NTN14x25U | NTU14x25 |
| | LO | NTE14x25L | NTN14x25L | |
| .016"x.016" | UP | NTE16x16U | NTN16x16U | NTU16x16 |
| | LO | NTE16x16L | NTN16x16L | |
| .016"x.022" | UP | NTE16x22U | NTN16x22U | NTU16x22 |
| | LO | NTE16x22L | NTN16x22L | |
| .016"x.025" | UP | NTE16x25U | NTN16x25U | NTU16x25 |
| | LO | NTE16x25L | NTN16x25L | |
| .017"x.017" | UP | | | |
| | LO | | | |
| .017"x.022" | UP | | | |
| | LO | | | |
| .017"x.025" | UP | NTE17x25U | NTN17x25U | NTU17x25 |
| | LO | NTE17x25L | NTN17x25L | |
| .018"x.018" | UP | NTE18x18U | NTN18x18U | NTU18x18 |
| | LO | NTE18x18L | NTN18x18L | |
| .018"x.025" | UP | NTE18x25U | NTN18x25U | NTU18x25 |
| | LO | NTE18x25L | NTN18x25L | |
| .019"x.025" | UP | NTE19x25U | NTN19x25U | NTU19x25 |
| | LO | NTE19x25L | NTN19x25L | |
| .020"x.020" | UP | NTE20x20U | NTN20x20U | NTU20x20 |
| | LO | NTE20x20L | NTN20x20L | |
| .021"x.025" | UP | NTE21x25U | NTN21x25U | NTU21x25 |
| | LO | NTE21x25L | NTN21x25L | |

For Multi-Pack orders, please use "100-" as prefix for each item.

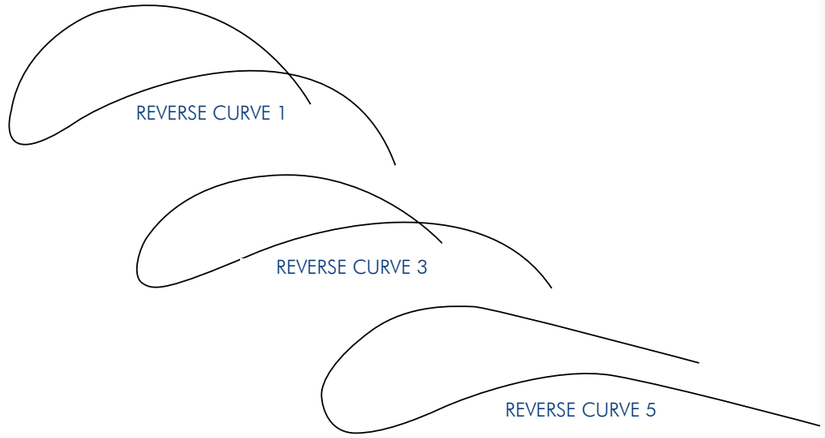
For Single-Pack orders, please use "S-" as prefix for each item number.
MOQ 100 pcs / item number.





# FLEXADENT™

## Superelastic NiTi wire




Dimple: Upper an Lower Dimples

Low friction due to diamond drawn wires.
Extremely high shape memory with relatively constant forces.

*10 pcs / pack*
***DIMPLED***

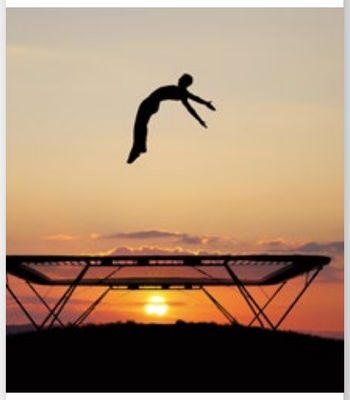
| SIZE | | EURO | NATURAL | UNIVERSAL |
|---|---|---|---|---|
| .012" | UP | NTED12U | NTND12U | |
| | LO | NTED12L | NTND12L | |
| .013" | UP | | | NTUD13 |
| | LO | | | |
| .014" | UP | NTED14U | NTND14U | NTUD14 |
| | LO | NTED14L | NTND14L | |
| .016" | UP | NTED16U | NTND16U | NTUD16 |
| | LO | NTED16L | NTND16L | |
| .018" | UP | NTED18U | NTND18U | NTUD18 |
| | LO | NTED18L | NTND18L | |
| .020" | UP | NTED20U | NTND20U | |
| | LO | NTED20L | NTND20L | |
| .014"x.025" | UP | NTED14x25U | NTND14x25U | NTUD14x25 |
| | LO | NTED14x25L | NTND14x25L | |
| .016"x.016" | UP | NTED16x16U | NTND16x16U | NTUD16x16 |
| | LO | NTED16x16L | NTND16x16L | |
| .016"x.022" | UP | NTED16x22U | NTND16x22U | NTUD16x22 |
| | LO | NTED16x22L | NTND16x22L | |
| .016"x.025" | UP | NTED16x25U | NTND16x25U | NTUD16x25 |
| | LO | NTED16x25L | NTND16x25L | |
| .017"x.017" | UP | | | |
| | LO | | | |
| .017"x.022" | UP | | | |
| | LO | | | |
| .017"x.025" | UP | NTED17x25U | NTND17x25U | NTUD17x25 |
| | LO | NTED17x25L | NTND17x25L | |
| .018"x.018" | UP | NTED18x18U | NTND18x18U | NTUD18x18 |
| | LO | NTED18x18L | NTND18x18L | |
| .018"x.025" | UP | NTED18x25U | NTND18x25U | NTUD18x25 |
| | LO | NTED18x25L | NTND18x25L | |
| .019"x.025" | UP | | | |
| | LO | | | |
| .020"x.020" | UP | | | |
| | LO | | | |
| .021"x.025" | UP | | | |
| | LO | | | |

*10 pcs / pack*
***REVERSE CURVE***

| SIZE | | Reverse Curve 1 | Reverse Curve 3 | Reverse Curve 5 |
|---|---|---|---|---|
| .012" | UP | | | |
| | LO | | | |
| .013" | UP | | | |
| | LO | | | |
| .014" | UP | NTRC114U | NTRC314U | NTRC514U |
| | LO | NTRC114L | NTRC314L | NTRC514L |
| .016" | UP | NTRC116U | NTRC316U | NTRC516U |
| | LO | NTRC116L | NTRC316L | NTRC516L |
| .018" | UP | NTRC118U | NTRC318U | NTRC518U |
| | LO | NTRC118L | NTRC318L | NTRC518L |
| .020" | UP | | | NTRC520U |
| | LO | | | NTRC520L |
| .014"x.025" | UP | | | |
| | LO | | | |
| .016"x.016" | UP | NTRC116x16U | NTRC316x16U | NTRC516x16U |
| | LO | NTRC116x16L | NTRC316x16L | NTRC516x16L |
| .016"x.022" | UP | NTRC116x22U | NTRC316x22U | NTRC516x22U |
| | LO | NTRC116x22L | NTRC316x22L | NTRC516x22L |
| .016"x.025" | UP | NTRC116x25U | NTRC316x25U | NTRC516x25U |
| | LO | NTRC116x25L | NTRC316x25L | NTRC516x25L |
| .017"x.017" | UP | | | |
| | LO | | | |
| .017"x.022" | UP | | | |
| | LO | | | |
| .017"x.025" | UP | NTRC117x25U | NTRC317x25U | NTRC517x25U |
| | LO | NTRC117x25L | NTRC317x25L | NTRC517x25L |
| .018"x.018 | UP | NTRC118x18U | NTRC318x18U | NTRC518x18U |
| | LO | NTRC118x18L | NTRC318x18L | NTRC518x18L |
| .018"x.025" | UP | NTRC118x25U | NTRC318x25U | NTRC518x25U |
| | LO | NTRC118x25L | NTRC318x25L | NTRC518x25L |
| .019"x.025" | UP | NTRC119x25U | NTRC319x25U | NTRC519x25U |
| | LO | NTRC119x25L | NTRC319x25L | NTRC519x25L |
| .020"x.020" | UP | | | |
| | LO | | | |
| .021"x.025" | UP | | | NTRC521x25U |
| | LO | | | NTRC521x25L |

For Multi-Pack orders, please use "100-" as prefix for each item.

For Single-Pack orders, please use "S-" as prefix for each item number.
MOQ 100 pcs / item number.

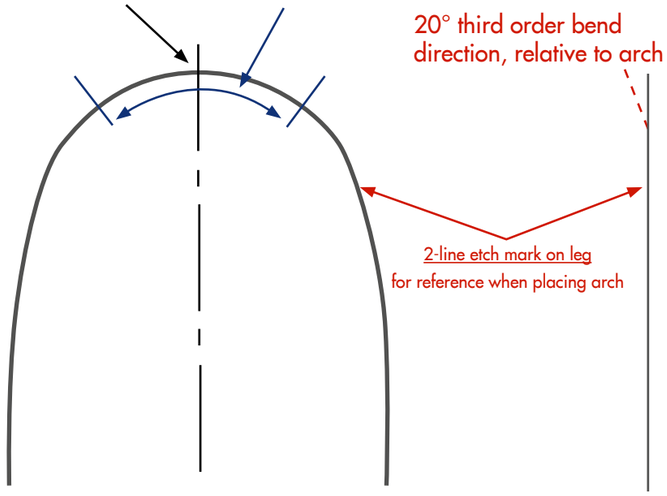


# FLEXADENT™

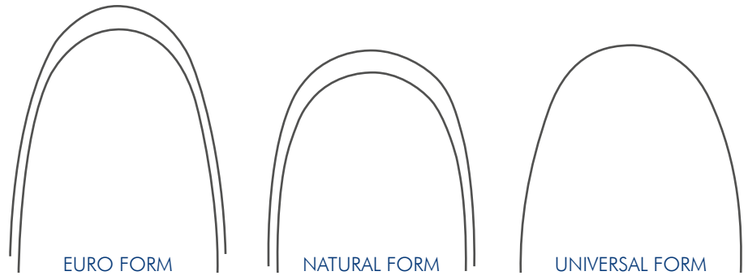
## Superelastic NiTi Wire

ETCHED CENTERMARK

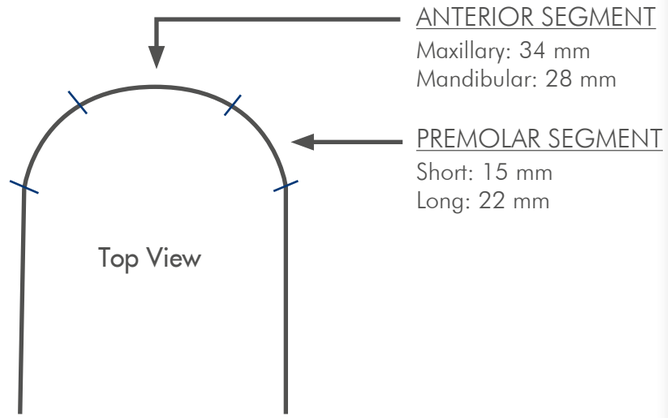
1etch line indicates 28 mm bend segment
2etch line indicates 34 mm bend segment
3etch line indicates 38 mm bend segment

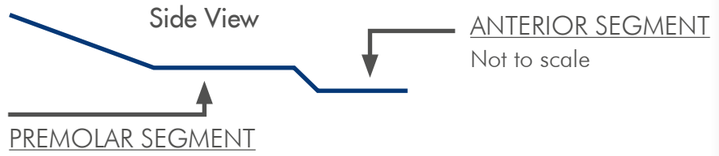



Not to scale; for reference only.
Side view shown for reference only and does not depict actual shape of 3rd order bend segment.




Low friction due to diamond drawn wires.
Extremely high shape memory with relatively constant forces.



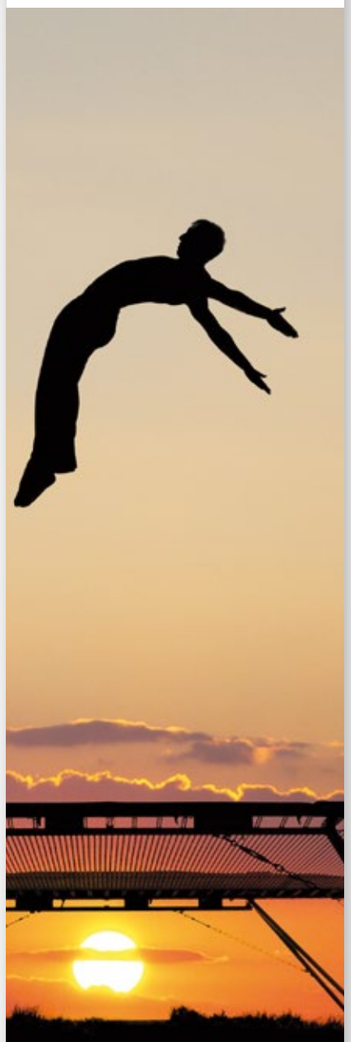




| SIZE | | PRE-TORQUED 20° 28mm | PRE-TORQUED 20° 34mm | PRE-TORQUED 20° 38mm |
|---|---|---|---|---|
| | | *10 pcs / pack* | | |
| .016"x.016" | UP | | NTT3416x16U | NTT3816x16U |
| | LO | NTT2816x16L | | |
| .016"x.022" | UP | | NTT3416x22U | NTT3816x22U |
| | LO | NTT2816x22L | | |
| .016"x.025" | UP | | NTT3416x25U | NTT3816x25U |
| | LO | | | |
| .017"x.025" | UP | | NTT3417x25U | NTT3817x25U |
| | LO | NTT2817x25L | | |
| .018"x.025" | UP | | NTT3418x25U | NTT3818x25U |
| | LO | NTT2818x25L | | |
| .019"x.025" | UP | | NTT3419x25U | NTT3819x25U |
| | LO | NTT2819x25L | | |
| .021"x.025" | UP | | NTT3421x25U | NTT3821x25U |
| | LO | NTT2821x25L | | |

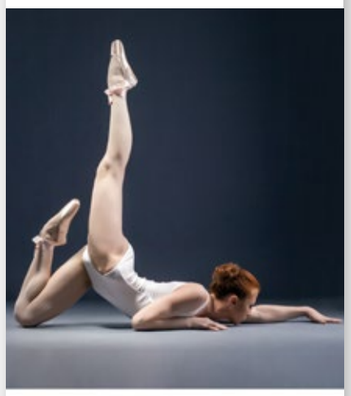
| SIZE | | CTA® 28mm SHORT | CTA® 28mm LONG | CTA® 34mm SHORT | CTA® 34mm LONG |
|---|---|---|---|---|---|
| | | *5 pcs / pack* | | *5 pcs / pack* | |
| .016"x.022" | UP | | | NTCTAS3416x22U | NTCTAL3416x22U |
| | LO | NTCTAS2816x22L | NTCTAL2816x22L | | |
| .017"x.025" | UP | | | NTCTAS3417x25U | NTCTAL3417x25U |
| | LO | NTCTAS2817x25L | NTCTAL2817x25L | | |

Premolar segment lengths
Short: 15mm
Long: 22mm

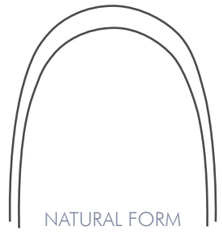
| SIZE | SPOOL 30 foot |
|---|---|
| .012" | NTSP12 |
| .014" | NTSP14 |
| .016" | NTSP16 |
| .018" | NTSP18 |



BRINGING GERMAN ENGINEERING TO ORTHODONTICS



# BEAUTYDENT™
## NiTi SE




Low friction.
Durable, ivory white coating.

### PERFORMANCE

The ballet dancer is extraordinarily functional, artistically imposing and at the very least – aesthetically pleasing. Our BEAUTYDENT™ aesthetic arch-wires go on stage with NiTi SE for extraordinary function, with our Ceramic MosaicTM / Ceramic Powder InfusedTM coating for artistical endurance and in a tooth colored body for that aesthetic WOW-impression.

### POWER

The ultra-thin coating, like a ballet body, covers the entire arch and with-stands numerous rigors like malocclusion pirouettes.
Enjoy the elegant coating with the power of our Adenta wire technology!

### SPEED

Unlike conventional aesthetic wires, the BEAUTYDENT™ wires are equipped with an ultra thin and highly durable ceramic coating for that long awaited low friction effect.
Be amazed to see the wier LIVE on the ortho stage!

### EXTRA BENEFIT

Double the low friction effect and combine our BEAUTYDENT™ wires with DISCREET PLUS™ or BREEZE SL™ brackets – an amazing ortho "pas de deux"!

| NiTi SE | | *10 pcs / pack* |
|---|---|---|
| SIZE | | NATURAL |
| .012" | UP | S-BNTN12U |
| | LO | S-BNTN12L |
| .013" | UP | |
| | LO | |
| .014" | UP | S-BNTN14U |
| | LO | S-BNTN14L |
| .016" | UP | S-BNTN16U |
| | LO | S-BNTN16L |
| .018" | UP | S-BNTN18U |
| | LO | S-BNTN18L |
| .020" | UP | S-BNTN20U |
| | LO | S-BNTN20L |
| .014"x.025" | UP | |
| | LO | |
| .016"x.016" | UP | S-BNTN16x16U |
| | LO | S-BNTN16x16L |
| .016"x.022" | UP | S-BNTN16x22U |
| | LO | S-BNTN16x22L |
| .016"x.025" | UP | |
| | LO | |
| .017"x.017" | UP | |
| | LO | |
| .017"x.022" | UP | |
| | LO | |
| .017"x.025" | UP | S-BNTN17x25U |
| | LO | S-BNTN17x25L |
| .018"x.018" | UP | |
| | LO | |
| .018"x.025" | UP | S-BNTN18x25U |
| | LO | S-BNTN18x25L |
| .019"x.025" | UP | S-BNTN19x25U |
| | LO | S-BNTN19x25L |
| .020"x.020" | UP | |
| | LO | |
| .021"x.025" | UP | |
| | LO | |

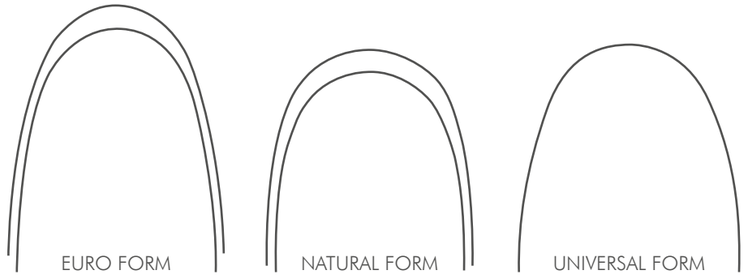
adenta®

**SINGLE PACKAGED!**

BRINGING
GERMAN ENGINEERING
TO ORTHODONTICS

# TRIDENT™

## CNA BETA III wire




Highly formable nickel-free wire with twice the tooth-moving distance than stainless steel!

*10 pcs / pack*

| SIZE | | EURO | NATURAL | UNIVERSAL |
|---|---|---|---|---|
| .012" | UP | | | |
| | LO | | | |
| .013" | UP | | | |
| | LO | | | |
| .014" | UP | | | |
| | LO | | | |
| .016" | UP | CNAE16U | CNAN16U | |
| | LO | CNAE16L | CNAN16L | |
| .018" | UP | CNAE18U | CNAN18U | |
| | LO | CNAE18L | CNAN18L | |
| .020" | UP | | | |
| | LO | | | |
| .014"x.025" | UP | | | |
| | LO | | | |
| .016"x.016" | UP | CNAE16x16U | CNAN16x16U | |
| | LO | CNAE16x16L | CNAN16x16L | |
| .016"x.022" | UP | CNAE16x22U | CNAN16x22U | CNAU16x22 |
| | LO | CNAE16x22L | CNAN16x22L | |
| .016"x.025" | UP | | | CNAU16x25 |
| | LO | | | |
| .017"x.017" | UP | | | |
| | LO | | | |
| .017"x.022" | UP | | | |
| | LO | | | |
| .017"x.025" | UP | CNAE17x25U | CNAN17x25U | CNAU17x25 |
| | LO | CNAE17x25L | CNAN17x25L | |
| .018"x.018" | UP | CNAE18x18U | CNAN18x18U | |
| | LO | CNAE18x18L | CNAN18x18L | |
| .018"x.025" | UP | CNAE18x25U | CNAN18x25U | CNAU18x25 |
| | LO | CNAE18x25L | CNAN18x25L | |
| .019"x.025" | UP | CNAE19x25U | CNAN19x25U | CNAU19x25 |
| | LO | CNAE19x25L | CNAN19x25L | |
| .020"x.020" | UP | | | |
| | LO | | | |
| .021"x.025" | UP | CNAE21x25U | CNAN21x25U | |
| | LO | CNAE21x25L | CNAN21x25L | |

For Multi-Pack orders, please use "100-" as prefix for each item.

For Single-Pack orders, please use "S-" as prefix for each item number. MOQ 100 pcs / item number.

### PERFORMANCE

Strong, powerful and in shape like Hercules, our TRIDENT™ beta-titanium wires offer greater elasticity compared to stainless steel, greater bendability compared to NiTi, and moderate tooth-moving forces compared to stainless steel. They are made to follow NiTi treatment.

### POWER

Twice the elastic movement of stainless steel - formability that rivals stainless steel! Longer activation time and better patient comfort in a nickel-free wire – just pure wire power.
Time to replace your stainless steel wires for a proven performer for mid- through finishing stages!

### SPEED

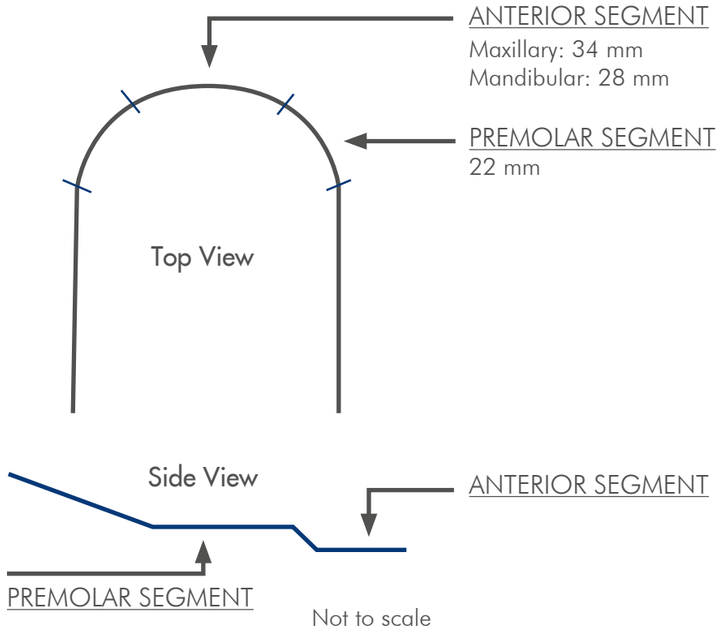
Like a weightlifter needs to shape every muscle to powerfully lift weights over short distances, our CNA wire's formability and focused strength is ideal for chairside placement of loops, bends for space closure, tipping, or focused tooth movement.

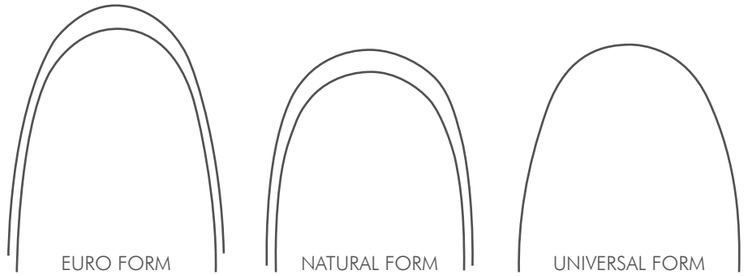
### EXTRA BENEFIT

Unlike regular TM wires, our TRIDENT™ wires can accept bending corrections 3 times up to 90° angles!

# TRIDENT™

## CNA BETA III wire




Highly formable nickel-free wire with twice the tooth-moving distance than stainless steel!

| | | *5 pcs / pack* | |
|---|---|---|---|
| SIZE | | **CTA® 28mm** | **CTA® 34mm** |
| .016"x.022" | UP | | CNACTA3416x22U |
| | LO | CNACTA2816x22L | |
| .017"x.025" | UP | | CNACTA3417x25U |
| | LO | CNACTA2817x25L | |

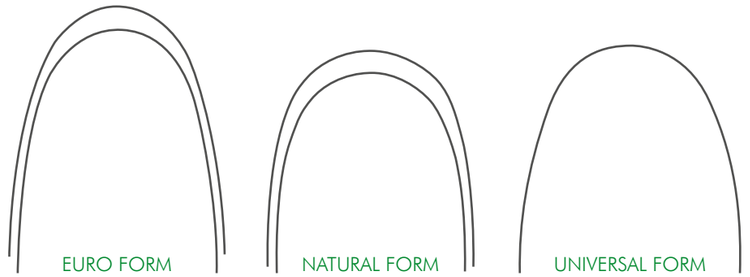
| SIZE | *STRAIGHT 10 pcs / tube à 14 inch* |
|---|---|
| .012" | |
| .013" | |
| .014" | |
| .016" | CNAST16 |
| .018" | CNAST18 |
| .020" | |
| .022" | |
| .024" | |
| .026" | |
| .027" | CNAST27 |
| .028" | |
| .030" | |
| .032" | CNAST32 |
| .036" | CNAST36 |
| .040" | |
| .045" | |
| .051" | |
| .056" | |
| .060" | |
| .014"x.025" | |
| .016"x.016" | CNAST16x16 |
| .016"x.022" | CNAST16x22 |
| .016"x.025" | |
| .017"x.017" | |
| .017"x.022" | |
| .017"x.025" | CNAST17x25 |
| .018"x.018" | CNAST18x18 |
| .018"x.025" | CNAST18x25 |
| .019"x.025" | CNAST19x25 |
| .020"x.020" | |
| .021"x.025" | CNAST21x25 |

## Mushroom Looped 2-Loop Archwires

| | | *5 pcs / pack* **MUSHROOM** | | |
|---|---|---|---|---|
| | | .016x.022" | .017x.025" | .019x.025" |
| Mushroom 2-Loop 24mm | UP | | | |
| | LO | CNAM2416x22 | CNAM2417x25 | CNAM2419x25 |
| Mushroom 2-Loop 26mm | UP | | | |
| | LO | CNAM2616x22 | CNAM2617x25 | CNAM2619x25 |
| Mushroom 2-Loop 28mm | UP | | | |
| | LO | CNAM2816x22 | CNAM2817x25 | CNAM2819x25 |
| Mushroom 2-Loop 30mm | UP | | | |
| | LO | CNAM3016x22 | CNAM3017x25 | CNAM3019x25 |
| Mushroom 2-Loop 32mm | UP | CNAM3216x22 | CNAM3217x25 | CNAM3219x25 |
| | LO | | | |
| Mushroom 2-Loop 34mm | UP | CNAM3416x22 | CNAM3417x25 | CNAM3419x25 |
| | LO | | | |
| Mushroom 2-Loop 36mm | UP | CNAM3616x22 | CNAM3617x25 | CNAM3619x25 |
| | LO | | | |
| Mushroom 2-Loop 38mm | UP | CNAM3816x22 | CNAM3817x25 | CNAM3819x25 |
| | LO | | | |
| Mushroom 2-Loop 40mm | UP | CNAM4016x22 | CNAM4017x25 | CNAM4019x25 |
| | LO | | | |
| Mushroom 2-Loop 42mm | UP | CNAM4216x22 | CNAM4217x25 | CNAM4219x25 |
| | LO | | | |
| Mushroom 2-Loop 46mm | UP | CNAM4616x22 | CNAM4617x25 | CNAM4619x25 |
| | LO | | | |
| Mushroom 2-Loop 52mm | UP | CNAM5216x22 | CNAM5217x25 | CNAM5219x25 |
| | LO | | | |
| Mushroom 2-Loop 56mm | UP | CNAM5616x22 | CNAM5617x25 | CNAM5619x25 |
| | LO | | | |

# DURADENT™

## Finest stainless steel wire




Smallest corner radius for optimal torque control.

*25 pcs / pack*

| SIZE | | EURO | NATURAL | UNIVERSAL |
|---|---|---|---|---|
| .012" | UP | STE12U | STN12U | |
| | LO | STE12L | STN12L | |
| .013" | UP | | | |
| | LO | | | |
| .014" | UP | STE14U | STN14U | STU14 |
| | LO | STE14L | STN14L | |
| .016" | UP | STE16U | STN16U | STU16 |
| | LO | STE16L | STN16L | |
| .018" | UP | STE18U | STN18U | STU18 |
| | LO | STE18L | STN18L | |
| .020" | UP | STE20U | STN20U | STU20 |
| | LO | STE20L | STN20L | |
| .014"x.025" | UP | | | |
| | LO | | | |
| .016"x.016" | UP | STE16x16U | STN16x16U | STU16x16 |
| | LO | STE16x16L | STN16x16L | |
| .016"x.022" | UP | STE16x22U | STN16x22U | STU16x22 |
| | LO | STE16x22L | STN16x22L | |
| .016"x.025" | UP | STE16x25U | STN16x25U | STU16x25 |
| | LO | STE16x25L | STN16x25L | |
| .017"x.017" | UP | STE17x17U | STN17x17U | STU17x17 |
| | LO | STE17x17L | STN17x17L | |
| .017"x.022" | UP | STE17x22U | STN17x22U | STU17x22 |
| | LO | STE17x22L | STN17x22L | |
| .017"x.025" | UP | STE17x25U | STN17x25U | STU17x25 |
| | LO | STE17x25L | STN17x25L | |
| .018"x.018" | UP | STE18x18U | STN18x18U | STU18x18 |
| | LO | STE18x18L | STN18x18L | |
| .018"x.025" | UP | STE18x25U | STN18x25U | STU18x25 |
| | LO | STE18x25L | STN18x25L | |
| .019"x.025" | UP | STE19x25U | STN19x25U | STU19x25 |
| | LO | STE19x25L | STN19x25L | |
| .020"x.020" | UP | STE20x20U | STN20x20U | STU20x20 |
| | LO | STE20x20L | STN20x20L | |
| .021"x.025" | UP | STE21x25U | STN21x25U | STU21x25 |
| | LO | STE21x25L | STN21x25L | |

For Multi-Pack orders, please use "100-" as prefix for each item.

For Single-Pack orders, please use "S-" as prefix for each item number.
MOQ 100 pcs / item number.

### PERFORMANCE

The ultimate goal of each football player is that single touch down that wins the match! Like a final touch down, orthodontic finishing is the last stage to win the orthodontic game. Equipped with the strongest stainless steel, our DURADENT™ wire range gives the freedom to fine-tune and finish on time.

### POWER

Adenta´s stainless steel wire products, manufactured of medical grade stainless materials, are designed for narrow bends and ultimate moments where needed.

### SPEED

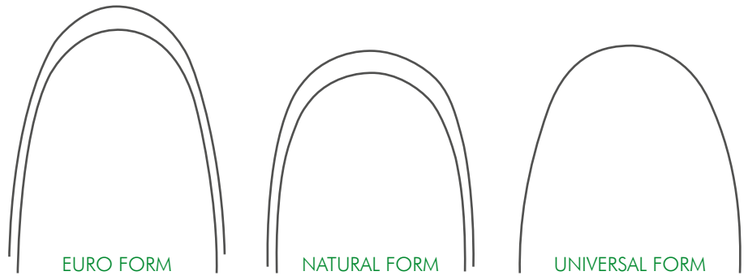
Drawn with diamond tools, our DURADENT™ wires have smooth surfaces, accurate forms, and consistent forces to provide fast and precise torque control.
A quality stainless steel wire not only for time-saving finishing.

### EXTRA BENEFIT

Shape integrity throughout our entire wire range ultimately comes into expression with our DURADENT™ wires.
Our solid line is complemented by 2- and 4-looped wires and utility arches.

BRINGING
GERMAN ENGINEERING
TO ORTHODONTICS

# DURADENT™




Looped arches for complex and powerful mechanics.

| | STRAIGHT<br>10 pcs / tube<br>à 14 inch |
|---|---|
| SIZE | |
| .012" | STST12 |
| .013" | |
| .014" | STST14 |
| .016" | STST16 |
| .018" | STST18 |
| .020" | STST20 |
| .022" | STST22 |
| .024" | STST24 |
| .026" | STST26 |
| .027" | |
| .028" | STST28 |
| .030" | STST30 |
| .032" | STST32 |
| .036" | STST36 |
| .040" | STST40 |
| .045" | STST45 |
| .051" | STST51 |
| .056" | STST56 |
| .060" | STST60 |
| .014"x.025" | |
| .016"x.016" | STST16x16 |
| .016"x.022" | STST16x22 |
| .016"x.025" | STST16x25 |
| .017"x.017" | STST17x17 |
| .017"x.022" | STST17x22 |
| .017"x.025" | STST17x25 |
| .018"x.018" | STST18x18 |
| .018"x.025" | STST18x25 |
| .019"x.025" | STST19x25 |
| .020"x.020" | STST20x20 |
| .021"x.025" | STST21x25 |

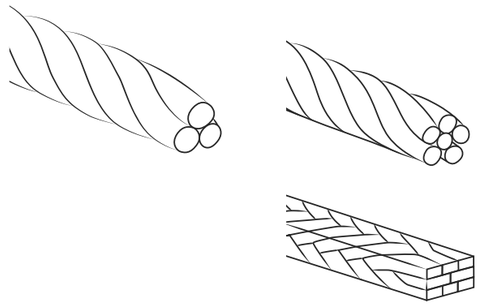
5 pcs / pack
***KEYHOLE***

| | | .016x.022" | .017x.025" | .019x.025" | .021x.025" |
|---|---|---|---|---|---|
| Keyhole 22mm | 2-Loop | STK22416x22 | STK22417x25 | STK22419x25 | |
| | 4-Loop | STK42416x22 | STK42417x25 | STK42419x25 | STK42421x25 |
| Keyhole 24mm | 2-Loop | STK22416x22 | STK22417x25 | STK22419x25 | |
| | 4-Loop | STK42416x22 | STK42417x25 | STK42419x25 | STK42421x25 |
| Keyhole 26mm | 2-Loop | STK22616x22 | STK22617x25 | STK22619x25 | |
| | 4-Loop | STK42616x22 | STK42617x25 | STK42619x25 | STK42621x25 |
| Keyhole 28mm | 2-Loop | STK22816x22 | STK22817x25 | STK22819x25 | |
| | 4-Loop | STK42816x22 | STK42817x25 | STK42819x25 | STK42821x25 |
| Keyhole 30mm | 2-Loop | STK23016x22 | STK23017x25 | STK23019x25 | |
| | 4-Loop | STK43016x22 | STK43017x25 | STK43019x25 | STK43021x25 |
| Keyhole 32mm | 2-Loop | STK23216x22 | STK23217x25 | STK23219x25 | |
| | 4-Loop | STK43216x22 | STK43217x25 | STK43219x25 | STK43221x25 |
| Keyhole 34mm | 2-Loop | STK23416x22 | STK23417x25 | STK23419x25 | |
| | 4-Loop | STK43416x22 | STK43417x25 | STK43419x25 | STK43421x25 |
| Keyhole 36mm | 2-Loop | STK23616x22 | STK23617x25 | STK23619x25 | |
| | 4-Loop | STK43616x22 | STK43617x25 | STK43619x25 | STK43621x25 |
| Keyhole 38mm | 2-Loop | STK23816x22 | STK23817x25 | STK23819x25 | |
| | 4-Loop | STK43816x22 | STK43817x25 | STK43819x25 | STK43821x25 |
| Keyhole 40mm | 2-Loop | STK24016x22 | STK24017x25 | STK24019x25 | |
| | 4-Loop | STK44016x22 | STK44017x25 | STK44019x25 | STK44021x25 |
| Keyhole 42mm | 2-Loop | STK24216x22 | STK24217x25 | STK24219x25 | |
| | 4-Loop | STK44216x22 | STK44217x25 | STK44219x25 | STK44221x25 |
| Keyhole 44mm | 2-Loop | STK24616x22 | STK24617x25 | STK24619x25 | |
| | 4-Loop | STK44616x22 | STK44617x25 | STK44619x25 | STK44621x25 |

*Loop measured from center of mesial loops*

# TWISTADENT™

## Twisted stainless steel



### PERFORMANCE

Like a light-weighted aerial acrobat, that feels comfortable twisted at any air level, the TWISTADENT™ woven stainless steel wires are multi-purpose wires for each treatment phase. From special 3-strand for lingual retention, 6-coax for initial torque control or 8-braided for picking up second molars later in treatment – you name it and we have it!

### POWER

With the same diameter, multi-stranded stainless steel wires have less rigidity. Suitable to use even at the initial stages of treatment.
Their rigid structure is an advantage during the space closure and finishing phases of the treatment because it prevents unwanted root movements.

### SPEED

Stainless steel wire offerings have evolved from the original solid to include various woven options which provide more flexibility and lighter forces. Enjoy the speed of a formable stainless steel wire with low forces!

### EXTRA BENEFIT

Our full range of TWISTADENT™ wires offer clinicians a greater control pertaining to the maintenance of the arch form.

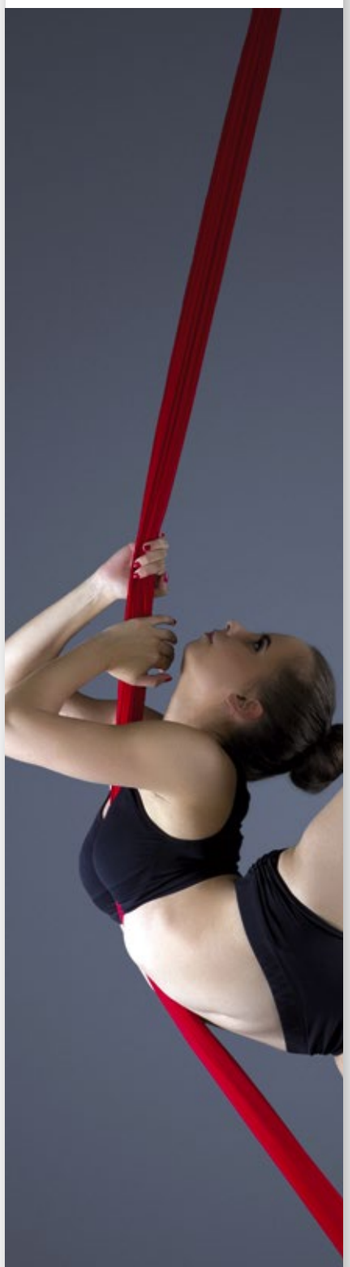
| | | 3-strand<br>10 pcs / pack | 6-coax<br>10 pcs / pack | 8-braid<br>10 pcs / pack |
|---|---|---|---|---|
| SIZE | | NATURAL | NATURAL | NATURAL |
| .012" | UP | | | |
| | LO | | | |
| .013" | UP | | | |
| | LO | | | |
| .014" | UP | | | |
| | LO | | | |
| .0155" | UP | T3N155U | T6N155U | |
| | LO | T3N155L | T6N155L | |
| .0175" | UP | T3N175U | T6N175U | |
| | LO | T3N175L | T6N175L | |
| .0195" | UP | T3N195U | T6N195U | |
| | LO | T3N195L | T6N195L | |
| .0215" | UP | | | |
| | LO | | | |
| .016"x.016" | UP | | | T8N16x16U |
| | LO | | | T8N16x16L |
| .016"x.022" | UP | | | T8N16x22U |
| | LO | | | T8N16x22L |
| .017"x.025" | UP | | | T8N17x25U |
| | LO | | | T8N17x25L |
| .018"x.025" | UP | | | T8N18x25U |
| | LO | | | T8N18x25L |
| .019"x.025" | UP | | | T8N19x25U |
| | LO | | | T8N19x25L |
| .021"x.025" | UP | | | T8N21x25U |
| | LO | | | T8N21x25L |

For Multi-Pack orders, please use "100-" as prefix for each item.

For Single-Pack orders, please use "S-" as prefix for each item number.
MOQ 100 pcs / item number.

| | *STRAIGHT*<br>*10 pcs à 14 inch / tube* | | |
|---|---|---|---|
| SIZE | 3-strand<br>10 *pcs / pack* | 6-coax<br>10 *pcs / pack* | 8-braid<br>10 *pcs / pack* |
| .0155" | T3ST155 | T6ST155 | |
| .0175" | T3ST175 | T6ST175 | |
| .0195" | T3ST195 | T6ST195 | |
| .0215" | T3ST215 | T6ST215 | |
| .016"x.016" | | | T8ST16x16 |
| .016"x.022" | | | T8ST16x22 |
| .016"x.025" | | | |
| .017"x.017" | | | |
| .017"x.022" | | | |
| .017"x.025" | | | T8ST17x25 |
| .018"x.018" | | | |
| .018"x.025" | | | T8ST18x25 |
| .019"x.025" | | | T8ST19x25 |

| | *SPOOL*<br>*30 foot* | |
|---|---|---|
| SIZE | 3-strand<br>10 pcs / *pack* | 6-coax<br>10 *pcs / pack* |
| .0155" | T3SP155 | T6SP155 |
| .0175" | T3SP175 | T6SP175 |
| .0195" | T3SP195 | T6SP195 |
| .0215" | T3SP215 | T6SP215 |



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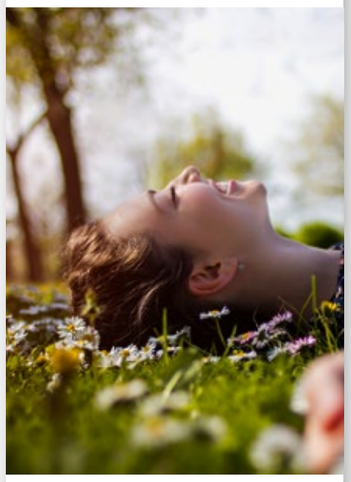
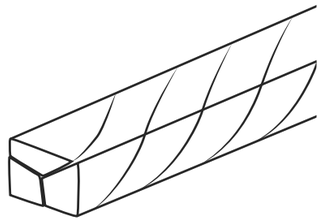


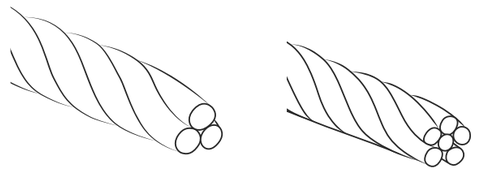
# LINGUAL RETAINER



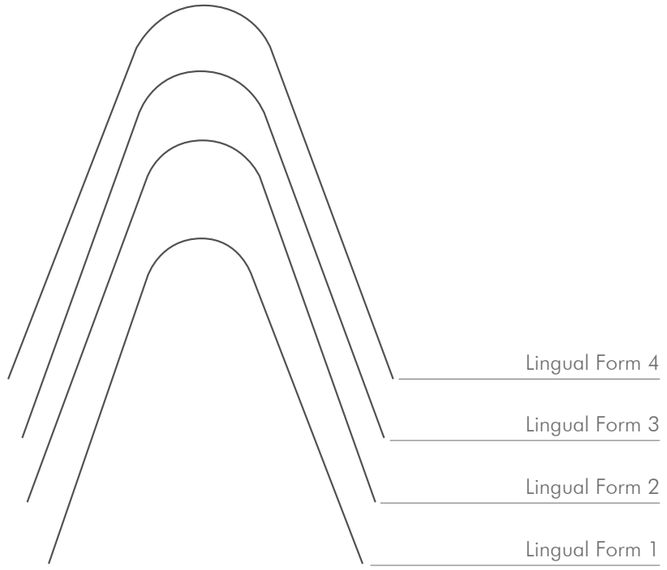
| STANDARD | | 8-braid<br>10 pcs / *pack* |
|---|---|---|
| .016"x.016" | UP | T8S16x16U |
| | LO | T8S16x16L |
| .016"x.022" | UP | T8S16x22U |
| | LO | T8S16x22L |
| .017"x.025" | UP | T8S17x25U |
| | LO | T8S17x25L |

For Single-Pack orders, please use "S-" as prefix for each item number.
MOQ 100 pcs / item number.

| STRAIGHT | 3-strand<br>10 *pcs / tube* | 6-coax<br>10 *pcs / tube* |
|---|---|---|
| .010"x.028" | LTST | |
| .0155" | T3ST155 | T6ST155 |
| .0175" | T3ST175 | T6ST175 |
| .0195" | T3ST195 | T6ST195 |
| .0215" | T3ST215 | T6ST215 |



# LINGUAL WIRES



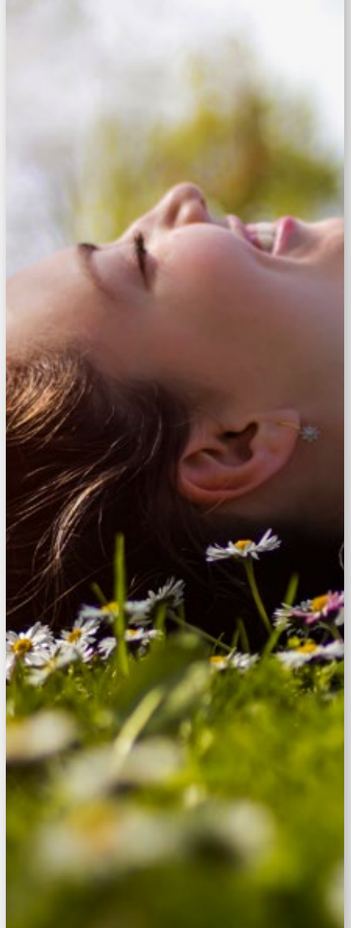

| THERMADENT 40°<br>5 pcs / pack | | | | |
|---|---|---|---|---|
| SIZE | FORM 1 | FORM 2 | FORM 3 | FORM 4 |
| .012" | NNTL 1 012 | NNTL 2 012 | NNTL 3 012 | NNTL 4 012 |
| .014" | NNTL 1 014 | NNTL 2 014 | NNTL 3 014 | NNTL 4 014 |
| .016" | NNTL 1 016 | NNTL 2 016 | NNTL 3 016 | NNTL 4 016 |
| .016"x.016" | NNTL 1 16x16 | NNTL 2 16x16 | NNTL 3 16x16 | NNTL 4 16x16 |
| .016"x.022" | NNTL 1 16x22 | NNTL 2 16x22 | NNTL 3 16x22 | NNTL 4 16x22 |
| .017"x.025" | NNTL 1 17x25 | NNTL 2 17x25 | NNTL 3 17x25 | NNTL 4 17x25 |

| FLEXADENT<br>5 pcs / pack | | | | |
|---|---|---|---|---|
| SIZE | FORM 1 | FORM 2 | FORM 3 | FORM 4 |
| .014" | NTL 1 014 | NTL 2 014 | NTL 3 014 | NTL 4 014 |

| TRIDENT<br>5 pcs / pack | | | | |
|---|---|---|---|---|
| SIZE | FORM 1 | FORM 2 | FORM 3 | FORM 4 |
| .016"x.016" | CNAL 1 16x16 | CNAL 2 16x16 | CNAL 3 16x16 | CNAL 4 16x16 |
| .016"x.022" | CNAL 1 16x22 | CNAL 2 16x22 | CNAL 3 16x22 | CNAL 4 16x22 |
| .017"x.025" | CNAL 1 17x25 | CNAL 2 17x25 | CNAL 3 17x25 | CNAL 4 17x25 |

| DURADENT<br>5 pcs / pack | | | | |
|---|---|---|---|---|
| SIZE | FORM 1 | FORM 2 | FORM 3 | FORM 4 |
| .016" | STL 1 016 | STL 2 016 | STL 3 016 | STL 4 016 |
| .016"x.016" | STL 1 16x16 | STL 2 16x16 | STL 3 16x16 | STL 4 16x16 |
| .016"x.022" | STL 1 16x22 | STL 2 16x22 | STL 3 16x22 | STL 4 16x22 |
| .017"x.025" | | | | |
| .018"x.018" | STL 1 18x18 | STL 2 18x18 | STL 3 18x18 | STL 4 18x18 |
| .018"x.025" | STL 1 18x25 | STL 2 18x25 | STL 3 18x25 | STL 4 18x25 |

For Single-Pack orders, please use "S-" as prefix for each item number.
MOQ 100 pcs / item number.



# WIRE ACCESSORIES

## FLEXADENT™ - NiTi open coil springs

- Continuous force delivery throughout activation
- Ideal for space opening
- Available in straight length or as spool

| | STRAIGHT<br>3 straight wires<br>á 17.5 cm / pack | SPOOL<br>38 cm on spool |
|---|---|---|
| .009“ x .030“ | FONT5 | FONTS1 |
| .010“ x .030“ | FONT1 | FONTS4 |
| .011“ x .030“ | FONT6 | FONTS6 |
| .012“ x .030“ | FONT2 | FONTS5 |
| .010“ x .036“ | FONT7 | FONTS7 |
| .014“ x .036“ | FONT3 | FONTS8 |
| .010“ x .045“ | FONT4 | FONTS2 |
| .012“ x .045“ | FONT8 | FONTS3 |

## FLEXADENT™ - Closed coil spring with eyelets

- Long lasting form stability
- 6 mm springs with variable force levels according to activation distances
- 9 mm and 12 mm with constant force levels

| 6 mm<br>3 springs / pack | ITEM NO | FORCE RANGE |
|---|---|---|
| .010“ x .030“ - Light | FGNTS1 | 100-300 Gramms |
| .011“ x .030“ - Medium | FGNTS2 | 150-400 Gramms |
| .012“ x .030“ - Heavy | FGNTS3 | 280-600 Gramms |

| 9 mm<br>3 springs / pack | ITEM NO | FORCE RANGE |
|---|---|---|
| .009“ x .038“ - Super light | PFGNT0 | 120 Gramms |
| .010“ x .038“ - Light | PFGNT1 | 180 Gramms |
| .011“ x .042“ - Medium | PFGNT2 | 250 Gramms |
| .012“ x .042“ - Heavy | PFGNT3 | 300 Gramms |

| 12 mm<br>3 springs / pack | ITEM NO | FORCE RANGE |
|---|---|---|
| .009“ x .038“ - Super light | PFGNTL4 | 120 Gramms |
| .010“ x .038“ - Light | PFGNTL1 | 180 Gramms |
| .011“ x .042“ - Medium | PFGNTL2 | 250 Gramms |
| .012“ x .042“ - Heavy | PFGNTL3 | 300 Gramms |

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## FLEXADENT™ - Molar distalizing spring

- Inner diameter .045“
- Suitable for all wires

| | Force range | SPOOL<br>38 cm on spool | STRAIGHT<br>3 straight wires<br>á 17.5 cm / pack |
|---|---|---|---|
| .010" x .045" | 50-120 Gramms | DSSM10x45 | DSML10x45 |
| .009" x .036" | 80-180 Gramms | DSSL9x36 | DSLL9x36 |
| .011" x .045" | 80-200 Gramms | DSSH11x45 | DSSHL11x45 |
| .010" x .036" | 100-140 Gramms | DSSM10x36 | DSML10x36 |
| .011" x .036" | 130-250 Gramms | DSSH11x36 | DSHL11x36 |

## STAINLESS STEEL Closed & open springs

- Spring hardened stainless steel
- The economic alternative to NiTi
- Easily formable

| 38 cm on spool | CLOSED | OPEN |
|---|---|---|
| .010“ x .028“ | | ST-SPC10x28 |
| .010“ x .030“ | ST-SPE10x30 | ST-SPC10x30 |
| .010“ x .036“ | | ST-SPC10x36 |

# WIRE ACCESSORIES

## STAINLESS STEEL Kobayashi ligature ties

| 100 ties / pack | LONG | SHORT |
|---|---|---|
| .010“ | ST-KTL10 | |
| .012“ | ST-KTL12 | ST-KTS12 |
| .014“ | ST-KTL14 | ST-KTS14 |

## STAINLESS STEEL Ligature ties

| | LONG 1.000 ties / pack | SHORT 500 ties / pack |
|---|---|---|
| .008“ | ST-LWL8 | |
| .009“ | ST-LWL9 | |
| .010“ | ST-LWL10 | ST-LWS10 |
| .012“ | ST-LWL12 | |

## MINI-STOPPS closed incl. positioning aid

- Easy handling and placement of crimpable tube stops on archwires
- Pre-loaded with either Small or Large crimpable tube stops

| 10 stopps incl. positioning aid / pack | INNER DIAMETER | ITEM NO |
|---|---|---|
| For round wires from .012" up to .018" | .019" | ST-TST |
| For rectangular wires from .014"x.025" up to .019"x.025" | .031" | ST-TLT |

## CRIMPABLE BALL HOOKS

| 10 stopps / pack | ITEM NO |
|---|---|
| Right | SSBHR |
| Left | SSBHL |
| Straight | SSBHS |

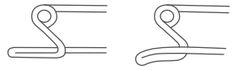
## C-STOPPS OPEN

| 10 stopps / pack | ITEM NO |
|---|---|
| STOPPS | C-STOP |

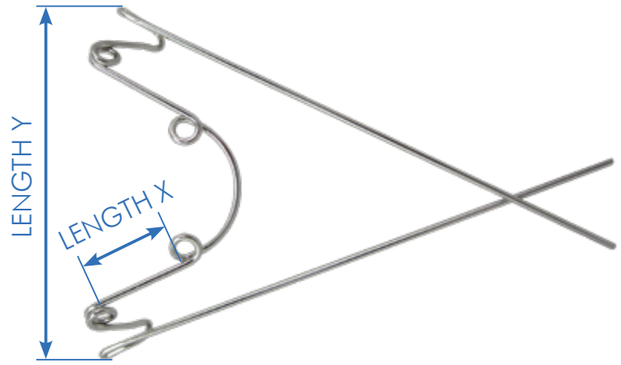
## MINI SPLIT STOPPS

| 10 stopps / pack | ITEM NO |
|---|---|
| STOPPS | S |

## QUAD HELIX - for straight or curved sheath



| SIZE 5 pcs / pack | LENGTH X in mm | LENGTH Y in mm | STRAIGHT SHEATH | CURVED SHEATH |
|---|---|---|---|---|
| 1 | 11.5 | 45 | HQ-2431G | HQ-2431 |
| 2 | 14.5 | 50 | HQ-2432G | HQ-2432 |
| 3 | 16.5 | 55 | HQ-2433G | HQ-2433 |




## PALATAL BAR - „Goshgarian“

- Preformed for straight sheath with distal coffin loop
- From 0.9 mm Stainless Steel
- EXTRA Long sheath part

| SIZE in mm 10 pcs / pack | ITEM NO STRAIGHT | ITEM NO CURVED |
|---|---|---|
| 35 | PB035 | PB035C |
| 37 | PB037 | PB037C |
| 39 | PB039 | PB039C |
| 41 | PB041 | PB041C |
| 43 | PB043 | PB043C |
| 45 | PB045 | PB045C |
| 47 | PB047 | PB047C |
| 49 | PB049 | PB049C |
| 51 | PB051 | PB051C |
| 53 | PB053 | PB053C |
| 55 | PB055 | PB055C |
| 57 | PB057 | PB057C |

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# BONDABLE BUTTONS

CNC-milled bondable button with high undertie wing and **curved, round base**

| | ITEM NO |
|---|---|
| 10 pcs / pack | LGB-BB |

CNC-milled bondable button with high undertie wing and **flat, round base**

| | ITEM NO |
|---|---|
| 10 pcs / pack | LGB-GB |

Flat bondable mini button with **curved mesh pad**

| | ITEM NO |
|---|---|
| 10 pcs / pack | LGB-BB-MIM |

Flat bondable buttons with **elliptic, curved pad**

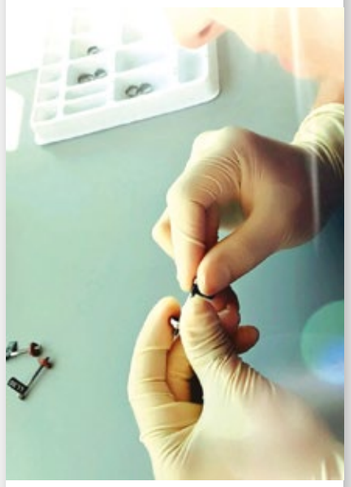
| | ITEM NO |
|---|---|
| 10 pcs / pack | LGB-DRS |

Flat bondable button with **round, flat mesh pad**

| | ITEM NO |
|---|---|
| 10 pcs / pack | LGB-DRS-F |

Ceramic bondable button with **curved base** and mechanical undercuts - do not use with primer!

| | ITEM NO |
|---|---|
| 10 pcs / pack | LGB-K |



# WELDED MOLAR BANDS

- incl. buccal tube and lingual attachment of your choice!

## AVAILABLE BUCCAL TUBES

- UP & LO Single non-convertible ROTH* & MBT*, .018" & .022"
- UP & LO Double convertible ROTH* & MBT*, .018" & .022"
- UP Triple convertible ROTH* & MBT*, .018" & .022"
- LO Lip Bumper ROTH* & MBT*, .018" & .022"

## AVAILABLE LINGUAL ATTACHMENTS

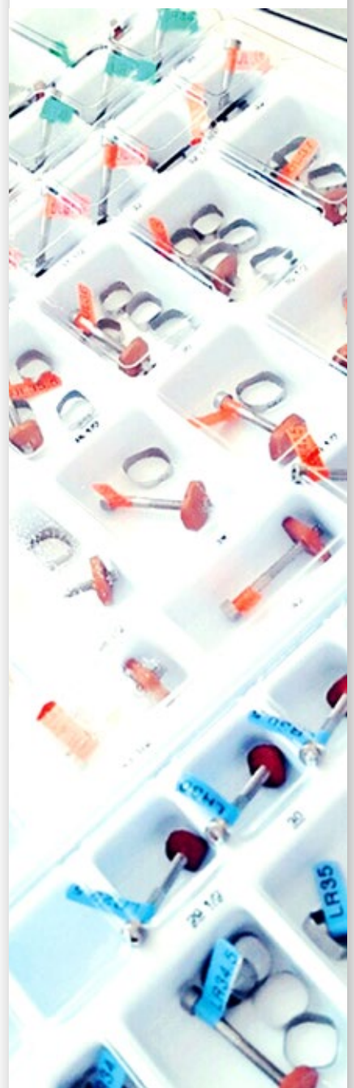
- Lingual sheat with / without window or curved
- Lingual cleat small & wide

**CHANGING ZONE**

Have your existing band sizes measured by Adenta and
**UPGRADE**
1:1 to Adenta's
**quality bands!**

# LINGUAL ATTACHMENTS

| LINGUAL ATTACHMENTS | WELDABLE | |
|---|---|---|
| | UR / LL | UL/LR |
| LINGUAL BUTTON | | |
| straight | LGB-G | LGB-G |
| curved | LGB-R | LGB-R |
| | | |
| LINGUAL SHEAT - with indent | | |
| curved | LGS-Banana | LGS-Banana |
| with window | LGS-F | LGS-F |
| straight | LGS-G | LGS-G |
| with window + mesial ball hook | LGS-WIM-1 | LGS-WIM-2 |
| with window + gingival wings | LGS-WING-A | LGS-WING-B |
| with window + distal ball hook | LGS-WIO-1 | LGS-WIO-2 |
| | | |
| LINGUAL CLEAT | | |
| 5.3mm small | LDH-Small | LDH-Small |
| 8.1mm wide | LDH-Wide | LDH-Wide |
| | | |
| SEATING LUG | | |
| universal | LSL | LSL |



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# TOP FIT MOLAR BANDS

| MOLAR BANDS | Maxilliary 1st & 2nd Molar | | Mandibular 1st Molar | | Mandibular 2nd Molar | |
|---|---|---|---|---|---|---|
| | Left | Right | Left | Right | Left | Right |
| 29.5 | TF10-UL-295 | TF10-UR-295 | TF10-LL-295 | TF10-LR-295 | TF11-LL-295 | TF11-LR-295 |
| 30.0 | TF10-UL-300 | TF10-UR-300 | TF10-LL-300 | TF10-LR-300 | TF11-LL-300 | TF11-LR-300 |
| 30.5 | TF10-UL-305 | TF10-UR-305 | TF10-LL-305 | TF10-LR-305 | TF11-LL-305 | TF11-LR-305 |
| 31.0 | TF10-UL-310 | TF10-UR-310 | TF10-LL-310 | TF10-LR-310 | TF11-LL-310 | TF11-LR-310 |
| 31.5 | TF10-UL-315 | TF10-UR-315 | TF10-LL-315 | TF10-LR-315 | TF11-LL-315 | TF11-LR-315 |
| 32.0 | TF10-UL-320 | TF10-UR-320 | TF10-LL-320 | TF10-LR-320 | TF11-LL-320 | TF11-LR-320 |
| 32.5 | TF10-UL-325 | TF10-UR-325 | TF10-LL-325 | TF10-LR-325 | TF11-LL-325 | TF11-LR-325 |
| 33.0 | TF10-UL-330 | TF10-UR-330 | TF10-LL-330 | TF10-LR-330 | TF11-LL-330 | TF11-LR-330 |
| 33.5 | TF10-UL-335 | TF10-UR-335 | TF10-LL-335 | TF10-LR-335 | TF11-LL-335 | TF11-LR-335 |
| 34.0 | TF10-UL-340 | TF10-UR-340 | TF10-LL-340 | TF10-LR-340 | TF11-LL-340 | TF11-LR-340 |
| 34.5 | TF10-UL-345 | TF10-UR-345 | TF10-LL-345 | TF10-LR-345 | TF11-LL-345 | TF11-LR-345 |
| 35.0 | TF10-UL-350 | TF10-UR-350 | TF10-LL-350 | TF10-LR-350 | TF11-LL-350 | TF11-LR-350 |
| 35.5 | TF10-UL-355 | TF10-UR-355 | TF10-LL-355 | TF10-LR-355 | TF11-LL-355 | TF11-LR-355 |
| 36.0 | TF10-UL-360 | TF10-UR-360 | TF10-LL-360 | TF10-LR-360 | TF11-LL-360 | TF11-LR-360 |
| 36.5 | TF10-UL-365 | TF10-UR-365 | TF10-LL-365 | TF10-LR-365 | TF11-LL-365 | TF11-LR-365 |
| 37.0 | TF10-UL-370 | TF10-UR-370 | TF10-LL-370 | TF10-LR-370 | TF11-LL-370 | TF11-LR-370 |
| 37.5 | TF10-UL-375 | TF10-UR-375 | TF10-LL-375 | TF10-LR-375 | TF11-LL-375 | TF11-LR-375 |
| 38.0 | TF10-UL-380 | TF10-UR-380 | TF10-LL-380 | TF10-LR-380 | TF11-LL-380 | TF11-LR-380 |
| 38.5 | TF10-UL-385 | TF10-UR-385 | TF10-LL-385 | TF10-LR-385 | TF11-LL-385 | TF11-LR-385 |
| 39.0 | TF10-UL-390 | TF10-UR-390 | TF10-LL-390 | TF10-LR-390 | TF11-LL-390 | TF11-LR-390 |
| 39.5 | TF10-UL-395 | TF10-UR-395 | TF10-LL-395 | TF10-LR-395 | TF11-LL-395 | TF11-LR-395 |
| 40.0 | TF10-UL-400 | TF10-UR-400 | TF10-LL-400 | TF10-LR-400 | TF11-LL-400 | TF11-LR-400 |
| 40.5 | TF10-UL-405 | TF10-UR-405 | TF10-LL-405 | TF10-LR-405 | TF11-LL-405 | TF11-LR-405 |
| 41.0 | TF10-UL-410 | TF10-UR-410 | TF10-LL-410 | TF10-LR-410 | TF11-LL-410 | TF11-LR-410 |
| 41.5 | TF10-UL-415 | TF10-UR-415 | TF10-LL-415 | TF10-LR-415 | TF11-LL-415 | TF11-LR-415 |
| 42.0 | TF10-UL-420 | TF10-UR-420 | TF10-LL-420 | TF10-LR-420 | TF11-LL-420 | TF11-LR-420 |
| 42.5 | TF10-UL-425 | TF10-UR-425 | TF10-LL-425 | TF10-LR-425 | TF11-LL-425 | TF11-LR-425 |
| 43.0 | TF10-UL-430 | TF10-UR-430 | TF10-LL-430 | TF10-LR-430 | --- | --- |

| MOLAR KITS | Maxilliary 1st & 2nd Molar | | Mandibular 1st Molar | | Mandibular 2nd Molar | |
|---|---|---|---|---|---|---|
| | STARTER kit 80 pcs per quadrant # TF10-UP-STARTER | OFFICE kit 300 pcs per quadrant # TF10-UP-OFFICE | STARTER kit 80 pcs per quadrant # TF10-LO-STARTER | OFFICE kit 300 pcs per quadrant # TF10-LO-OFFICE | STARTER kit 80 pcs per quadrant # TF11-LO-STARTER | OFFICE kit 300 pcs per quadrant # TF11-LO-OFFICE |
| 29.5 | | 4 | | 4 | | 4 |
| 30.0 | | 4 | | 4 | | 4 |
| 30.5 | | 4 | | 4 | | 4 |
| 31.0 | | 4 | | 4 | | 4 |
| 31.5 | | 4 | | 4 | | 4 |
| 32.0 | 2 | 4 | 2 | 4 | 2 | 4 |
| 32.5 | 2 | 8 | 2 | 8 | 2 | 8 |
| 33.0 | 4 | 8 | 4 | 8 | 4 | 8 |
| 33.5 | 4 | 12 | 4 | 12 | 4 | 12 |
| 34.0 | 4 | 16 | 4 | 16 | 4 | 16 |
| 34.5 | 6 | 20 | 6 | 20 | 6 | 20 |
| 35.0 | 6 | 20 | 6 | 20 | 6 | 20 |
| 35.5 | 10 | 20 | 10 | 20 | 10 | 20 |
| 36.0 | 10 | 20 | 10 | 20 | 10 | 20 |
| 36.5 | 10 | 24 | 10 | 24 | 10 | 24 |
| 37.0 | 6 | 24 | 6 | 24 | 6 | 24 |
| 37.5 | 6 | 20 | 6 | 20 | 6 | 20 |
| 38.0 | 4 | 16 | 4 | 16 | 4 | 16 |
| 38.5 | 4 | 12 | 4 | 12 | 4 | 12 |
| 39.0 | 2 | 8 | 2 | 8 | 2 | 8 |
| 39.5 | | 8 | | 8 | | 8 |
| 40.0 | | 8 | | 8 | | 8 |
| 40.5 | | 4 | | 4 | | 4 |
| 41.0 | | 4 | | 4 | | 4 |
| 41.5 | | 4 | | 4 | | 4 |
| 42.0 | | 4 | | 4 | | 4 |
| 42.5 | | 4 | | 4 | | 4 |
| 43.0 | | 4 | | 4 | | 4 |
| 43.5 | | 4 | | 4 | | 4 |
| 44.0 | | 4 | | 4 | | 4 |

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# TOP FIT PREMOLAR BANDS

| PREMOLAR BANDS | 1st & 2nd Premolar |
|---|---|
| | Upper |
| 01 | TF22-UP-01 |
| 02 | TF22-UP-02 |
| 03 | TF22-UP-03 |
| 04 | TF22-UP-04 |
| 05 | TF22-UP-05 |
| 06 | TF22-UP-06 |
| 07 | TF22-UP-07 |
| 08 | TF22-UP-08 |
| 09 | TF22-UP-09 |
| 10 | TF22-UP-10 |
| 11 | TF22-UP-11 |
| 12 | TF22-UP-12 |
| 13 | TF22-UP-13 |
| 14 | TF22-UP-14 |
| 15 | TF22-UP-15 |
| 16 | TF22-UP-16 |
| 17 | TF22-UP-17 |
| 18 | TF22-UP-18 |
| 19 | TF22-UP-19 |
| 20 | TF22-UP-20 |
| 21 | TF22-UP-21 |
| 22 | TF22-UP-22 |
| 23 | TF22-UP-23 |
| 24 | TF22-UP-24 |

| MOLAR KITS | Maxilliary 1st & 2nd Molar | | Mandibular 1st Molar | | Mandibular 2nd Molar | |
|---|---|---|---|---|---|---|
| Premolar | STARTER kit 80 pcs per quadrant # TF10-UP-STARTER | OFFICE kit 300 pcs per quadrant # TF10-UP-OFFICE | STARTER kit 80 pcs per quadrant # TF10-LO-STARTER | OFFICE kit 300 pcs per quadrant # TF10-LO-OFFICE | STARTER kit 80 pcs per quadrant # TF11-LO-STARTER | OFFICE kit 300 pcs per quadrant # TF11-LO-OFFICE |
| 29.5 | | 4 | | 4 | | 4 |
| 30.0 | | 4 | | 4 | | 4 |
| 30.5 | | 4 | | 4 | | 4 |
| 31.0 | | 4 | | 4 | | 4 |
| 31.5 | | 4 | | 4 | | 4 |
| 32.0 | 2 | 4 | 2 | 4 | 2 | 4 |
| 32.5 | 2 | 8 | 2 | 8 | 2 | 8 |
| 33.0 | 4 | 8 | 4 | 8 | 4 | 8 |
| 33.5 | 4 | 12 | 4 | 12 | 4 | 12 |
| 34.0 | 4 | 16 | 4 | 16 | 4 | 16 |
| 34.5 | 6 | 20 | 6 | 20 | 6 | 20 |
| 35.0 | 6 | 20 | 6 | 20 | 6 | 20 |
| 35.5 | 10 | 20 | 10 | 20 | 10 | 20 |
| 36.0 | 10 | 20 | 10 | 20 | 10 | 20 |
| 36.5 | 10 | 24 | 10 | 24 | 10 | 24 |
| 37.0 | 6 | 24 | 6 | 24 | 6 | 24 |
| 37.5 | 6 | 20 | 6 | 20 | 6 | 20 |
| 38.0 | 4 | 16 | 4 | 16 | 4 | 16 |
| 38.5 | 4 | 12 | 4 | 12 | 4 | 12 |
| 39.0 | 2 | 8 | 2 | 8 | 2 | 8 |
| 39.5 | | 8 | | 8 | | 8 |
| 40.0 | | 8 | | 8 | | 8 |
| 40.5 | | 4 | | 4 | | 4 |
| 41.0 | | 4 | | 4 | | 4 |
| 41.5 | | 4 | | 4 | | 4 |
| 42.0 | | 4 | | 4 | | 4 |
| 42.5 | | 4 | | 4 | | 4 |
| 43.0 | | 4 | | 4 | | 4 |
| 43.5 | | 4 | | 4 | | 4 |
| 44.0 | | 4 | | 4 | | 4 |

| PREMOLAR KITS | Maxilliary 1st & 2nd Premolar | | Mandibular 1st & 2nd Premolar | |
|---|---|---|---|---|
| | STARTER kit 80 pcs per quadrant # TF22-UP-STARTER | OFFICE kit 300 pcs per quadrant # TF22-UP-OFFICE | STARTER kit 80 pcs per quadrant # TF22-LO-STARTER | OFFICE kit 300 pcs per quadrant # TF22-LO-OFFICE |
| 01 | | 4 | | 4 |
| 02 | | 4 | | 4 |
| 03 | 2 | 8 | 2 | 8 |
| 04 | 2 | 8 | 2 | 8 |
| 05 | 2 | 8 | 2 | 8 |
| 06 | 4 | 12 | 4 | 12 |
| 07 | 4 | 12 | 4 | 12 |
| 08 | 4 | 16 | 4 | 16 |
| 09 | 6 | 20 | 6 | 20 |
| 10 | 6 | 20 | 6 | 20 |
| 11 | 6 | 24 | 6 | 24 |
| 12 | 8 | 24 | 8 | 24 |
| 13 | 8 | 24 | 8 | 24 |
| 14 | 6 | 20 | 6 | 20 |
| 15 | 4 | 20 | 4 | 20 |
| 16 | 4 | 16 | 4 | 16 |
| 17 | 4 | 12 | 4 | 12 |
| 18 | 2 | 12 | 2 | 12 |
| 19 | 2 | 8 | 2 | 8 |
| 20 | 2 | 8 | 2 | 8 |
| 21 | 2 | 8 | 2 | 8 |
| 22 | 2 | 4 | 2 | 4 |
| 23 | | 4 | | 4 |
| 24 | | 4 | | 4 |

# PREMIUM BONDABLE TUBES

Elegant low profile, mesial trumpeted entrance, horizontal positioning guide

## PREMIUM TRUMPETED
### Single non-convertible

- Comfortable low profile
- Mesial trumpeted entrance for easy wire insertion
- Anatomically shaped base

**PREMIUM Single non-convertible**
TUBES
10 pcs/pack

| Tooth | Prescription | Torque | Offset | m/d width in mm | BONDABLE | |
|---|---|---|---|---|---|---|
| | | | | | .018" | .022" |
| 16/17 | ROTH | -10° | +8° | 4.3 | IO-SNCB-3821E | IO-SNCB-3221E |
| 26/27 | ROTH | -10° | +8° | 4.3 | IO-SNCB-3822E | IO-SNCB-3222E |
| 36/37 | ROTH | -25° | +5° | 4.3 | IO-SNCB-5822E | IO-SNCB-5222E |
| 46/47 | ROTH | -25° | +5° | 4.3 | IO-SNCB-5821E | IO-SNCB-5221E |
| | | | | | | |
| 16/17 | MBT | -14° | +10° | 4.3 | IO-SNCB-7821E | IO-SNCB-7221E |
| 26/27 | MBT | -14° | +10° | 4.3 | IO-SNCB-7822E | IO-SNCB-7222E |
| 36/37 | MBT | -20° | 0° | 4.3 | IO-SNCB-1822E | IO-SNCB-1222E |
| 46/47 | MBT | -20° | 0° | 4.3 | IO-SNCB-1821E | IO-SNCB-1221E |
| | | | | | | |
| 16/17 36/37 | STD. EDGEW. | 0° | 0° | 4.3 | IO-SNCB-802E | IO-SNCB-202E |
| 26/27 46/47 | STD. EDGEW. | 0° | 0° | 4.3 | IO-SNCB-801E | IO-SNCB-201E |

## PREMIUM TRUMPETED
### Single convertible

- Comfortable low profile
- Mesial trumpeted entrance for easy wire insertion
- Anatomically shaped base

**PREMIUM Single convertible**
TUBES
10 pcs/pack

| Tooth | Prescription | Torque | Offset | m/d width in mm | BONDABLE | |
|---|---|---|---|---|---|---|
| | | | | | .018" | .022" |
| 16/17 | ROTH | -10° | +8° | 4.3 | IO-SCB-805E | IO-SCB-205E |
| 26/27 | ROTH | -10° | +8° | 4.3 | IO-SCB-806E | IO-SCB-206E |
| 36/37 | ROTH | -25° | +5° | 4.3 | IO-SCB-808E | IO-SCB-208E |
| 46/47 | ROTH | -25° | +5° | 4.3 | IO-SCB-807E | IO-SCB-207E |
| | | | | | | |
| 16/17 | MBT | -14° | +10° | 4.3 | IO-SCB-813E | IO-SCB-213E |
| 26/27 | MBT | -14° | +10° | 4.3 | IO-SCB-814E | IO-SCB-214E |
| 36/37 | MBT | -20° | 0° | 4.3 | IO-SCB-816E | IO-SCB-216E |
| 46/47 | MBT | -20° | 0° | 4.3 | IO-SCB-815E | IO-SCB-215E |

*The Adenta version of this technique does not indicate endorsement by the doctor. They do not claim to be a duplication of any other.

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## PREMIUM TRUMPETED
### Double convertible

**PREMIUM Double convertible**
TUBES
10 pcs/pack

| Tooth | Prescription | Torque | Offset | m/d width in mm | BONDABLE | |
|---|---|---|---|---|---|---|
| | | | | | .018" | .022" |
| 16/17 | ROTH | -10° | +8° | 3.6 | IO-DCB-805E | IO-DCB-205E |
| 26/27 | ROTH | -10° | +8° | 3.6 | IO-DCB-806E | IO-DCB-206E |
| 36/37 | ROTH | -25° | +5° | 3.6 | IO-DCB-808E | IO-DCB-208E |
| 46/47 | ROTH | -25° | +5° | 3.6 | IO-DCB-807E | IO-DCB-207E |
| | | | | | | |
| 16/17 | MBT | -14° | +10° | 3.6 | IO-DCB-813E | IO-DCB-213E |
| 26/27 | MBT | -14° | +10° | 3.6 | IO-DCB-814E | IO-DCB-214E |
| 36/37 | MBT | -20° | 0° | 3.6 | IO-DCB-816E | IO-DCB-216E |
| 46/47 | MBT | -20° | 0° | 3.6 | IO-DCB-815E | IO-DCB-215E |
| | | | | | | |
| 16/17 36/37 | STD. EDGEW. | 0° | 0° | 3.6 | | |
| 26/27 46/47 | STD. EDGEW. | 0° | 0° | 3.6 | | |

## PREMIUM MINI
### 2nd Molar
### Single non-convertible

**PREMIUM MINI non-convertible**
TUBES
10 pcs/pack

| Tooth | Prescription | Torque | Offset | m/d width in mm | BONDABLE | |
|---|---|---|---|---|---|---|
| | | | | | .018" | .022" |
| 17 | ROTH / MBT | -10° | +8° | 3.0 | IO-MB-831 | IO-MB-231 |
| 27 | ROTH / MBT | -10° | +8° | 3.0 | IO-MB-832 | IO-MB-232 |
| 37 | ROTH / MBT | -25° | +5° | 3.0 | IO-MB-834 | IO-MB-234 |
| 47 | ROTH / MBT | -25° | +5° | 3.0 | IO-MB-833 | IO-MB-233 |
| | | | | | | |
| 17/37 | STD. EDGEW. | 0° | 0° | 3.0 | IO-MB-821 | IO-MB-221 |
| 27/47 | STD. EDGEW. | 0° | 0° | 3.0 | IO-MB-822 | IO-MB-222 |

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# TOP FIT BONDABLE TUBES

Classic chamfered tubes

## TOP FIT
Single non-convertible

| TOP FIT Single non-convertible<br>TUBES<br>10 pcs/pack | | | | | | |
|---|---|---|---|---|---|---|
| Tooth | Prescription | Torque | Offset | m/d width in mm | BONDABLE | |
| | | | | | .018" | .022" |
| 16/17 | ROTH | -10° | +8° | 3.5 | SNCB-825E | SNCB-225E |
| 26/27 | ROTH | -10° | +8° | 3.5 | SNCB-826E | SNCB-226E |
| 36/37 | ROTH | -25° | +5° | 3.5 | SNCB-828E | SNCB-228E |
| 46/47 | ROTH | -25° | +5° | 3.5 | SNCB-827E | SNCB-227E |
| | | | | | | |
| 16/17 | MBT | -14° | +10° | 3.5 | SNCB-833E | SNCB-233E |
| 26/27 | MBT | -14° | +10° | 3.5 | SNCB-834E | SNCB-234E |
| 36/37 | MBT | -25° | +5° | 3.5 | SNCB-828E | SNCB-228E |
| 46/47 | MBT | -25° | +5° | 3.5 | SNCB-827E | SNCB-227E |
| | | | | | | |
| 16/1736/37 | STD. EDGEW. | 0° | 0° | 3.5 | SCNB-821E | SCNB-221E |
| 26/2746/47 | STD. EDGEW. | 0° | 0° | 3.5 | SNCB-822E | SNCB-222E |

## TOP FIT
Single convertible

| TOP FIT Single convertible<br>TUBES<br>10 pcs/pack | | | | | | |
|---|---|---|---|---|---|---|
| Tooth | Prescription | Torque | Offset | m/d width in mm | BONDABLE | |
| | | | | | .018" | .022" |
| 16/17 | ROTH | -10° | +8° | 3.5 | SCB-805E | SCB-205E |
| 26/27 | ROTH | -10° | +8° | 3.5 | SCB-806E | SCB-206E |
| 36/37 | ROTH | -25° | +5° | 3.5 | SCB-808E | SCB-208E |
| 46/47 | ROTH | -25° | +5° | 3.5 | SCB-807E | SCB-207E |
| | | | | | | |
| 16/17 | MBT | -10° | +8° | 3.5 | SCB-805E | SCB-205E |
| 26/27 | MBT | -10° | +8° | 3.5 | SCB-806E | SCB-206E |
| 36/37 | MBT | -20° | 0° | 3.5 | SCB-816E | SCB-216E |
| 46/47 | MBT | -20° | 0° | 3.5 | SCB-815E | SCB-215E |

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# TOP FIT WELDABLE TUBES

Classic chamfered tubes

## TOP FIT
Single non-convertible

| TOP FIT Single non-convertible<br>TUBES<br>10 pcs/pack | | | | | | |
|---|---|---|---|---|---|---|
| Tooth | Prescription | Torque | Offset | m/d width in mm | WELDABLE | |
| | | | | | .018" | .022" |
| 16/17 | ROTH | -10° | +8° | 3.5 | SNC-825 | SNC-225 |
| 26/27 | ROTH | -10° | +8° | 3.5 | SNC-826 | SNC-226 |
| 36/37 | ROTH | -25° | +5° | 3.5 | SNC-828 | SNC-228 |
| 46/47 | ROTH | -25° | +5° | 3.5 | SNC-827 | SNC-227 |
| | | | | | | |
| 16/17 | MBT | -14° | +10° | 3.5 | SNC-833 | SNC-233 |
| 26/27 | MBT | -14° | +10° | 3.5 | SNC-834 | SNC-234 |
| 36/37 | MBT | -25° | +5° | 3.5 | SNC-828 | SNC-228 |
| 46/47 | MBT | -25° | +5° | 3.5 | SNC-827 | SNC-227 |
| | | | | | | |
| 16/1736/37 | STD. EDGEW. | 0° | 0° | 3.5 | SCN-821 | SCN-221 |
| 26/2746/47 | STD. EDGEW. | 0° | 0° | 3.5 | SNC-822 | SNC-222 |

## TOP FIT
Single convertible

| TOP FIT Single convertible<br>TUBES<br>10 pcs/pack | | | | | | |
|---|---|---|---|---|---|---|
| Tooth | Prescription | Torque | Offset | m/d width in mm | WELDABLE | |
| | | | | | .018" | .022" |
| 16/17 | ROTH | -10° | +8° | 3.5 | SC-805 | SC-205 |
| 26/27 | ROTH | -10° | +8° | 3.5 | SC-806 | SC-206 |
| 36/37 | ROTH | -25° | +5° | 3.5 | SC-808 | SC-208 |
| 46/47 | ROTH | -25° | +5° | 3.5 | SC-807 | SC-207 |
| | | | | | | |
| 16/17 | MBT | -10° | +8° | 3.5 | SC-805 | SC-205 |
| 26/27 | MBT | -10° | +8° | 3.5 | SC-806 | SC-206 |
| 36/37 | MBT | -20° | 0° | 3.5 | SC-816 | SC-216 |
| 46/47 | MBT | -20° | 0° | 3.5 | SC-815 | SC-215 |

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# TOP FIT WELDABLE TUBES

Classic chamfered tubes

## TOP FIT
Double convertible

| TOP FIT Double convertible<br>TUBES<br>10 pcs/pack | | | | | | |
|---|---|---|---|---|---|---|
| Tooth | Prescription | Torque | Offset | m/d width in mm | WELDABLE | |
| | | | | | .018" | .022" |
| 16/17 | ROTH | -10° | +8° | 3.5 | DC-805 | DC-205 |
| 26/27 | ROTH | -10° | +8° | 3.5 | DC-806 | DC-206 |
| 36/37 | ROTH | -25° | +8° | 3.5 | DC-808 | DC-208 |
| 46/47 | ROTH | -25° | +8° | 3.5 | DC-807 | DC-207 |
| | | | | | | |
| 16/17 | MBT | -10° | +8° | 3.5 | DC-805 | DC-205 |
| 26/27 | MBT | -10° | +8° | 3.5 | DC-806 | DC-206 |
| 36/37 | MBT | -20° | +5° | 3.5 | DC-810 | DC-210 |
| 46/47 | MBT | -20° | +5° | 3.5 | DC-809 | DC-209 |

## TOP FIT TRUMPETED
Double convertible with .045" HG occlusal

| TOP FIT Double convertible with HG .045" occlusal<br>TUBES<br>10 pcs/pack | | | | | | |
|---|---|---|---|---|---|---|
| Tooth | Prescription | Torque | Offset | m/d width in mm | WELDABLE | |
| | | | | | .018" | .022" |
| 16/17 | ROTH | -10° | +8° | 3.5 | CCO-805 | CCO-205 |
| 26/27 | ROTH | -10° | +8° | 3.5 | CCO-806 | CCO-206 |
| | | | | | | |
| 16/17 | MBT | -10° | +8° | 3.5 | CCO-805 | CCO-205 |
| 26/27 | MBT | -10° | +8° | 3.5 | CCO-806 | CCO-206 |

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## TOP FIT TRUMPETED
Lip bumper

| TOP FIT Lip Bumper<br>TUBES<br>10 pcs/pack | | | | | | |
|---|---|---|---|---|---|---|
| Tooth | Prescription | Torque | Offset | m/d width in mm | WELDABLE | |
| | | | | | .018" | .022" |
| 36/37 | ROTH | -25° | +8° | 3.5 | CCGL-808 | CCGL-208 |
| 46/47 | ROTH | -25° | +8° | 3.5 | CCGL-807 | CCGL-207 |
| | | | | | | |
| 36/37 | MBT | -25° | +8° | 3.5 | CCGL-808 | CCGL-208 |
| 46/47 | MBT | -25° | +8° | 3.5 | CCGL-807 | CCGL-207 |

## TOP FIT TRUMPETED
Triple convertible

| TOP FIT Triple convertible .045" HG<br>TUBES<br>10 pcs/pack | | | | | | |
|---|---|---|---|---|---|---|
| Tooth | Prescription | Torque | Offset | m/d width in mm | WELDABLE | |
| | | | | | .018" | .022" |
| 16/17 | ROTH | -10° | +8° | 3.5 | TC-805 | TC-205 |
| 26/27 | ROTH | -10° | +8° | 3.5 | TC-806 | TC-206 |
| | | | | | | |
| 16/17 | MBT | -14° | +10° | 3.5 | TC-808 | TC-208 |
| 26/27 | MBT | -14° | +10° | 3.5 | TC-807 | TC-207 |

*The Adenta version of this technique does not indicate endorsement by the doctor. They do not claim to be a duplication of any other.

# ELASTOMERICS

## CLASSIC LATEX-FREE Elastic ligature ties

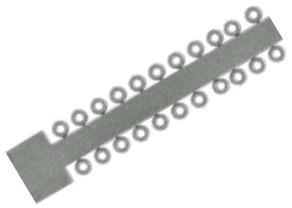
- Inner Diameter .120"
- Available in 20 fashionable colors

| COLOR 50 sticks à 20 rings / pack | ITEM NO |
|---|---|
| Silver | EPS-AG |
| Blue | EPS-B |
| Fuchsia | EPS-F |
| Grey | EPS-G |
| Yellow | EPS-GE |
| Green | EPS-GR |
| Sky blue | EPS-HB |
| Silver | EPS-AG |
| Dark blue | EPS-DB |
| Orange | EPS-O |

| COLOR 50 sticks à 20 rings / pack | ITEM NO |
|---|---|
| Gold | EPS-OR |
| Pink | EPS-P |
| Pearl | EPS-PEARL |
| Red | EPS-R |
| Black | EPS-S |
| Turquoise | EPS-T |
| White | EPS-W |
| Tooth white | EPS-Z |
| Metallic blue | EPS-MB |
| Metallic red | EPS-MR |

## PREMIUM LATEX-FREE Elastic ligature ties

- Inner Diameter .120"
- Extra long color stability



| COLOR 45 sticks à 22 rings / pack | ITEM NO |
|---|---|
| Silver | ELP-AG |
| Clear | ELP-K |
| Pearl | ELP-PEARL |
| Grey | ELP-G |

## LATEX-FREE Easy-On power rings

- Inner Diameter .009"
- Extra thin and slim
- IDEAL for lingual and low profile brackets

| COLOR 40 sticks à 24 rings / pack | ITEM NO |
|---|---|
| Clear | P630-6515 |
| Silver | P630-6510 |
| Black | P630-6520 |

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## CLASSIC LATEX-FREE ligature ties with bite block

| COLOR 10 discs à 10 rings / pack | ITEM NO |
|---|---|
| Silver | EPA-Silber |
| Clear | EPA-Klar |

## CLASSIC and CLASSIC THIN power chains - LATEXFREE

- Classic chain .026" thickness
- Classic chain thin .018" thickness

**Spool with 4.57 m**

| CONTINUOUS CLASSIC | ITEM NO |
|---|---|
| Silver | EK0AG |
| Dark blue | EK0B |
| Fuchsia | EK0F |
| Grey | EK0G |
| Green | EK0GR |
| Sky blue | EK0HB |
| Clear | EK0K |
| Lavendar | EK0LC |
| Pink | EK0P |
| Pearl | EK0Pearl |
| Turquoise | EK0T |
| Tooth white | EK0Z |

| SHORT CLASSIC | ITEM NO |
|---|---|
| Silver | EK1AG |
| Dark blue | EK1B |
| Fuchsia | EK1F |
| Grey | EK1G |
| Green | EK1GR |
| Sky blue | EK1HB |
| Clear | EK1K |
| Lavendar | EK1LC |
| Pink | EK1P |
| Pearl | EK1Pearl |
| Turquoise | EK1T |
| Tooth white | EK1Z |

| LONG CLASSIC | ITEM NO |
|---|---|
| Silver | EK2AG |
| Dark blue | EK2B |
| Fuchsia | EK2F |
| Grey | EK2G |
| Green | EK2GR |
| Sky blue | EK2HB |
| Clear | EK2K |
| Lavendar | EK2LC |
| Pink | EK2P |
| Pearl | EK2Pearl |
| Turquoise | EK2T |
| Tooth white | EK2Z |

| CONTINIOUS CLASSIC THIN | ITEM NO |
|---|---|
| Silver | EKD0AG |
| Clear | EKD0K |
| Pearl | EKD0PEARL |

| SHORT CLASSIC THIN | ITEM NO |
|---|---|
| Silver | EKD1AG |
| Clear | EKD1K |
| Pearl | EKD1PEARL |

| LONG CLASSIC THIN | ITEM NO |
|---|---|
| Silver | EKD2AG |
| Clear | EKD2K |
| Pearl | EKD2PEARL |

## THERMO POWER CHAIN LATEX-FREE - Type "Japan"

| COLOR Spool with 2m | SHORT | LONG |
|---|---|---|
| Grey | EKP1G | EKP2G |
| Clear | EKP1K | EKP2K |

Maintains up to **85%** of its ORIGINAL STREGTH **up to 6 weeks!**

# OFFICE & PATIENT ACCESSORIES

## DISPOSABLE IMPRESSION TRAYS

- Single use

| SIZE 25 pcs per size / pack | | COLOR | UPPER | LOWER |
|---|---|---|---|---|
| Smallest | 1 | Red | DITU0125 | DITL0125 |
| | 2 | Orange | DITU0225 | DITL0225 |
| | 3 | Blue | DITU0325 | DITL0325 |
| | 4 | Green | DITU0425 | DITL0425 |
| | 5 | Yellow | DITU0525 | DITL0525 |
| Biggest | 6 | Purple | DITU0625 | DITL0625 |

## MODEL STORAGE BOX

- Made in Germany
- Made from 100% recyclable shock-resistant polystyrene
- WITHOUT labelling option - W: 85 mm, H: 70 mm, D: 305 mm
- WITH labelling option - W: 85 mm, H: 70 mm, D: 308 mm

| COLOR 25 pcs per size / pack | WITHOUT labelling option | WITH labelling option |
|---|---|---|
| White | KMK-8010 | KMK-8010E |
| Blue | KMK-8011 | KMK-8011E |
| Red | KMK-8012 | KMK-8012E |
| Green | KMK-8013 | KMK-8013E |
| Yellow | KMK-8014 | KMK-8014E |
| Brown | KMK-8015 | KMK-8015E |
| Grey | KMK-8016 | KMK-8016E |
| Beige | KMK-8017 | KMK-8017E |
| Ivory white | KMK-8018 | KMK-8018E |

**FOR FASHIONISTS**

Order 200
or more storage boxes and
select your own color!

**CONTACT US FOR COLOR SAMPLES!**

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## RETAINER CASES

- One-piece design
- Locking mechanism withstands heavy use and prevents accidental opening
- Inner dimensions: 36 x 78 x 52 mm (W x H x D)

| COLOR 25 mixed boxes or single pcs | ITEM NO |
|---|---|
| Light green | KD-MINT |
| Navy blue | KD-B |
| Yellow | KD-GE |
| Purple | KD-L |
| Pink | KD-P |
| Black | KD-S |

**FOR FASHIONISTS**

Stay in touch with your patients -
Add your individual office logo
to your retainer boxes!

**CONTACT US FOR FURTHER INFORMATION!**

- SPARKLING METALLIC COLORS
- Inner dimensions: 41 x 78 x 58 mm (W x H x D)

| COLOR 25 mixed boxes or single pcs | ITEM NO |
|---|---|
| Metallic blue | KD-MB |
| Metallic black | KD-MS |
| Metallic red | KD-MR |

## PATIENT RELIEF WAX - Clear unscented

| 5 strips / box | ITEM NO |
|---|---|
| 100 boxes | DP-WACHS |

# EXTRAORAL HEADGEAR

## SUPER SOFT NECK PADS - Made in Germany

| COLOR<br>10 pcs per / pack | ITEM NO |
|---|---|
| Royal blue | MC-NSP/BBB |
| Dark blue | MC-NSP/DB |
| Jeans + pink | MC-NSP/DJP |
| Jeans + royal blue | MC-NSP/JBB |
| Red | MC-NSP/RRR |

Dark blue with 2 loops / side
ITEM NO: NSP4/DB

## HIGHPULL HEADGEAR - Made in Germany

| COLOR<br>1 pc per / pack | | ITEM NO |
|---|---|---|
| Dark blue - 2 loops / side | | KKS4-DB |
| Dark blue - Extra long | | KKSL-DB |
| Dark blue | | KKS-DB |
| Dark blue | Red | KKS-DB/R |
| Royal blue | | KKS-HB |
| Royal blue | Yellow | KKS-HB/GE |
| Royal blue | Red | KKS-HB/R |
| Jeans | | KKS-J |
| Pink | | KKS-P |
| Red | | KKS-R |
| Black | | KKS-S |

Dark blue also available with 2 loops per side!

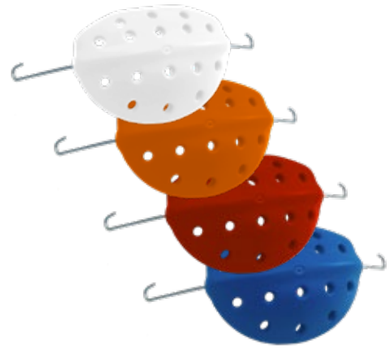
| SET | ITEM NO |
|---|---|
| VERTICAL PULL Large | KIK-SET/L |
| VERTICAL PULL - Medium | KIK-SET/M |
| VERTICAL PULL - Small | KIK-SET/S |

## SAFETY MODULES - Made in Germany

| COLOR<br>10 safety modules<br>+ 10 clips / pack | 450 Gramms | 600 Gramms | 750 Gramms |
|---|---|---|---|
| White | SM-W-L | | |
| Dark blue | | SM-B-M | SM-B-S |
| Red | | SM-R-M | |
| Yellow | | SM-GE-M | |
| Black | | SM-S-M | |

## CHIN CUP - Made in Germany

- Anatomical chin cup
- More holes for better ventilation



| COLOR<br>1 pc per / pack | ITEM NO |
|---|---|
| Blue | KIK-B |
| Blue with extra long arms | KIK-B/L |
| White | KIK-W |
| Orange | KIK-O |
| Red | KIK-R |

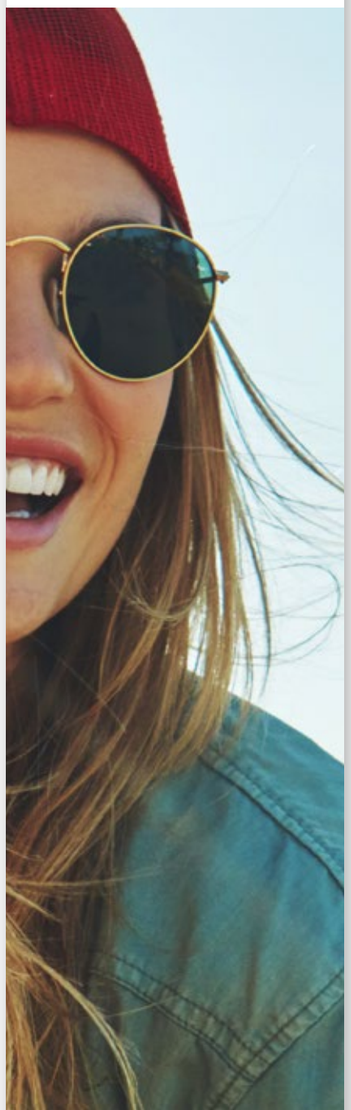
## LASER-WELDED FACE BOWS - Made in Germany

| STANDARD Face Bows | | | |
|---|---|---|---|
| ITEM NO | OUTER BOW | INNER BOW | CAP |
| 412-110 | super short w/o Z-loop | Wide 140 mm | White |
| 412-210 | super short w/o Z-loop | Narrow 140 mm | White |
| 421-110 | short with Z-loop | Wide 140 mm | White |
| 421-210 | short with Z-loop | Narrow 140 mm | White |
| 422-110 | short w/o Z-loop | Wide 140 mm | White |
| 422-210 | short w/o Z-loop | Narrow 140 mm | White |
| 431-110 | medium with Z-loop | Wide 140 mm | White |
| 431-210 | medium with Z-loop | Narrow 140 mm | White |
| 432-110 | medium w/o Z-loop | Wide 140 mm | White |
| 432-210 | medium w/o Z-loop | Narrow 140 mm | White |
| 441-110 | long with Z-loop | Wide 140 mm | White |
| 441-210 | long with Z-loop | Narrow 140 mm | White |
| 442-110 | long w/o Z-loop | Wide 140 mm | White |
| 442-210 | long w/o Z-loop | Narrow 140 mm | White |

PRE-LOOPED Face Bows - 1 pc / pack
For ordering, please create your 6-digit item number by combining the following digits:

| ITEM NO | OUTER BOW | | | INNER BOW | | | CAP |
|---|---|---|---|---|---|---|---|
| 4 | 2 = short | 1 = with Z-loop | - | 1 = wide | 1 = loop without offset | 1 = 83 mm | Yellow |
| | 3 = medium | 2 = w/o Z-loop | | 2 = narrow | 2 = loop with offset | 2 = 90 mm | Red |
| | 4 = long | | | | | 3 = 97 mm | Pink |
| | | | | | | 4 = 104 mm | Blue |
| | | | | | | 5 = 111 mm | Green |
| | | | | | | 6 = 118 mm | White |

IMPORTANT: Only use in combination with safety guards!



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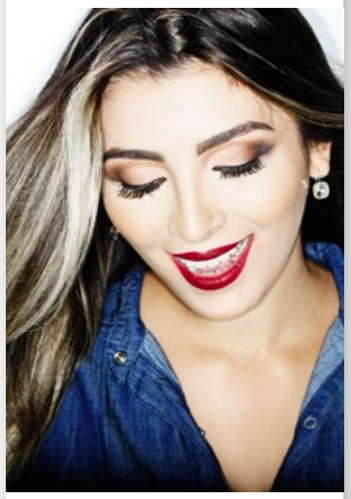


Courtesy of Dr. Graziane Olimpio Pereira, 2018

# ACCURATE BRACKET POSITIONER™

## PERFORMANCE

The Accurate Bracket Positioner™ allows the positioning of labial or lingual brackets on the model for any prescription without creating set-up models, saving working time and increasing accuracy and flexibility.

## POWER

Adjust torque, angulation, IN/OUT, rotation, intrusion, extrusion individually per tooth in precise degree and millimeter steps. Each parameter can be customized and measured independantly without affecting the other parameters.

## SPEED

Place the brackets three-dimensionally directly onto the malocclusion model in only 30-45 min per arch. Unbeaten regarding precision and accuracy, the Accurate Bracket Positioner™ also significantly reduces the laboratory costs normally involved with lingual appliances.

## EXTRA BENEFIT

Compatible with any lingual or labial bracket with a rectangular slot design.

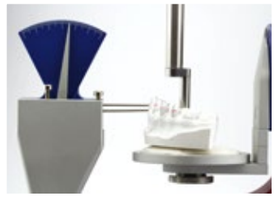
## LOVE STORY

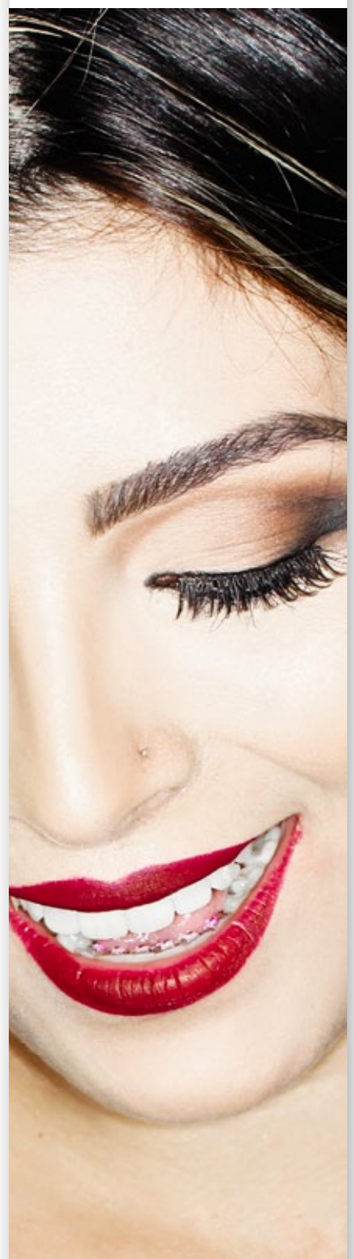
Have you dreamt about individualizing your own cases in your own office with a defined prescription and without the usual stress? Therefore, we engineered the Accurate Bracket Positioner™.

## WHO KNEW IT WAS THAT EASY?

**Customization without a Set-Up in 30-45 min!**

In addition, you can easily transfer your familiar vestibular prescription, e. g. ROTH or MBT, directly onto the lingual surface. Only little training is necessary to create your own smart lingual appliance the way you want it! Just another reason to start with lingual braces. Welcome to the modern side of orthodontics!





# LAB TEC™

# MODEL MAKER

## PERFORMANCE

The Model Maker™ provides standardized and anatomically correct diagnostic models without the use and disadvantages of a trimmer. With the Set-Up-Model Maker™ in combination with the Occlusal Plane Reference™, you can create your own set-up models without losing information during the model creation process. Finally, our Surgical Model Accuracy Device™ allows you to fully manage your surgical cases in precise mm and degree steps.

## POWER

CNC precision manufactured, all LAB TEC™ devices offer you multiple options and the needed accuracy for your orthodontic cases. From diagnostics, through treatment planning up to surgical cases.

## SPEED

Save processing time and assure at the same time the highest level of technical accuracy – your office laboratory will be happy to invest their free time in other projects!

## EXTRA BENEFIT

All devices can be used on the same platform – your choice to upgrade and add any device at a later time!!

## LOVE STORY

*"I love it when a plan comes together."* Inspired by the legendary statement from Hannibal Smith from the A-Team, we reverse engineered the successful orthodontic treatment and designed our LAB TEC™ line for the special needs of the diagnostic and laboratory work - to finish als planned!

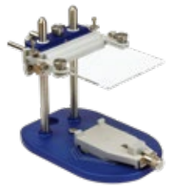
## YOUR ADENTA EFFEKT

## SIMPLY BRILLIANT!

- Exact and standardized study models in 8-10 minutes
- Without trimming
- According to international standards

## SET-UP MODEL MAKER

- Exactly register and duplicate malocclusion and Set-Up models
- Precisely transfer teeth positions to wax models
- Fits all articulator mounting plates

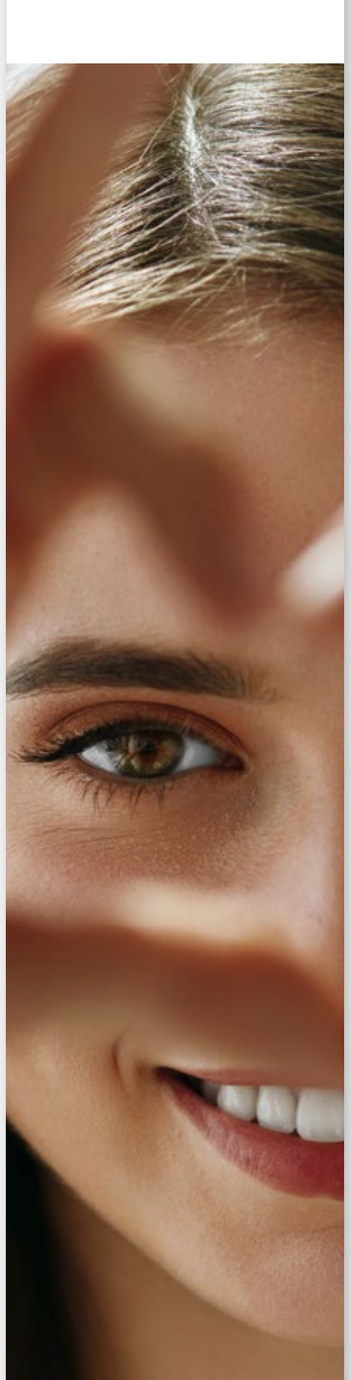


## OCCLUSAL PLANE REFERENCE

- Precisely create and modify Set-Up models
- Modify models in single millimeter and degree steps
- Fits all articulator mounting plates

## SURGICAL MODEL ACCURACY DEVICE

- Precisely and independently modify oral and maxillofacial surgical models
- Modify models in single millimeter and degree steps
- Create exact surgical splints



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# Hammacher Instrumente

100% Made in Germany

## LOVE STORY

Hand worked by the craftsmen of Hammacher in Solingen, Germany. Unquestionably high-end performance with long-lasting quality and durability.

## PERFORMANCE

Especially designed to withstand the rigors of orthodontic treatments, Hammacher offers a full range of special orthodontic pliers and instruments. NiTi bending pliers, ortho lab utility pliers, NiTi cinch-back pliers or elegant pliers – you are spoilt with real orthodontic choices!

## POWER

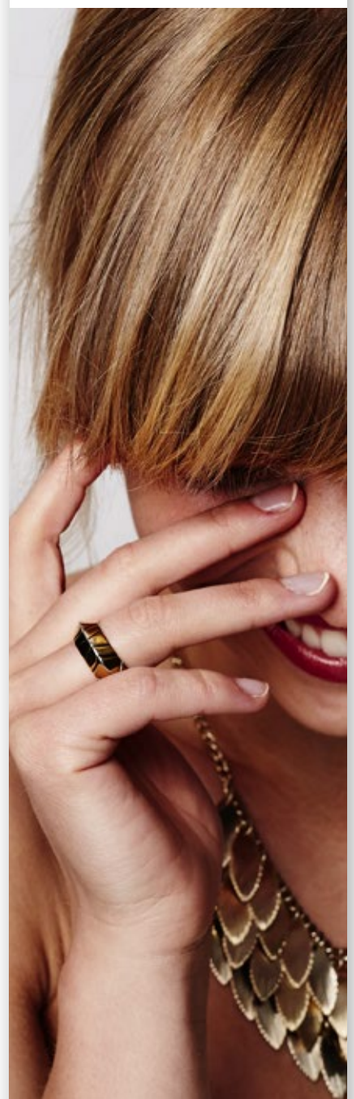
Made from surgical stainless steel with or without TC inserts, all pliers and instruments are designed and manufactured for the busiest orthodontic offices.

## SPEED

Hammacher products are easy to use with clear identification marks and can be engraved according to your specifications. This allows a more efficient workflow and let you perform at your best!

## EXTRA BENEFIT

Adenta and Hammacher co-operate on a unique service offer: Together, we modify, duplicate, service and manufacture your personal favorite pliers and instruments. Contact us to find out more!



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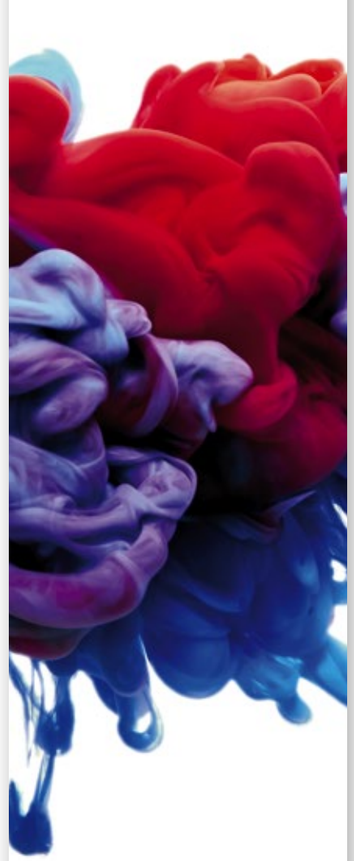
## Website

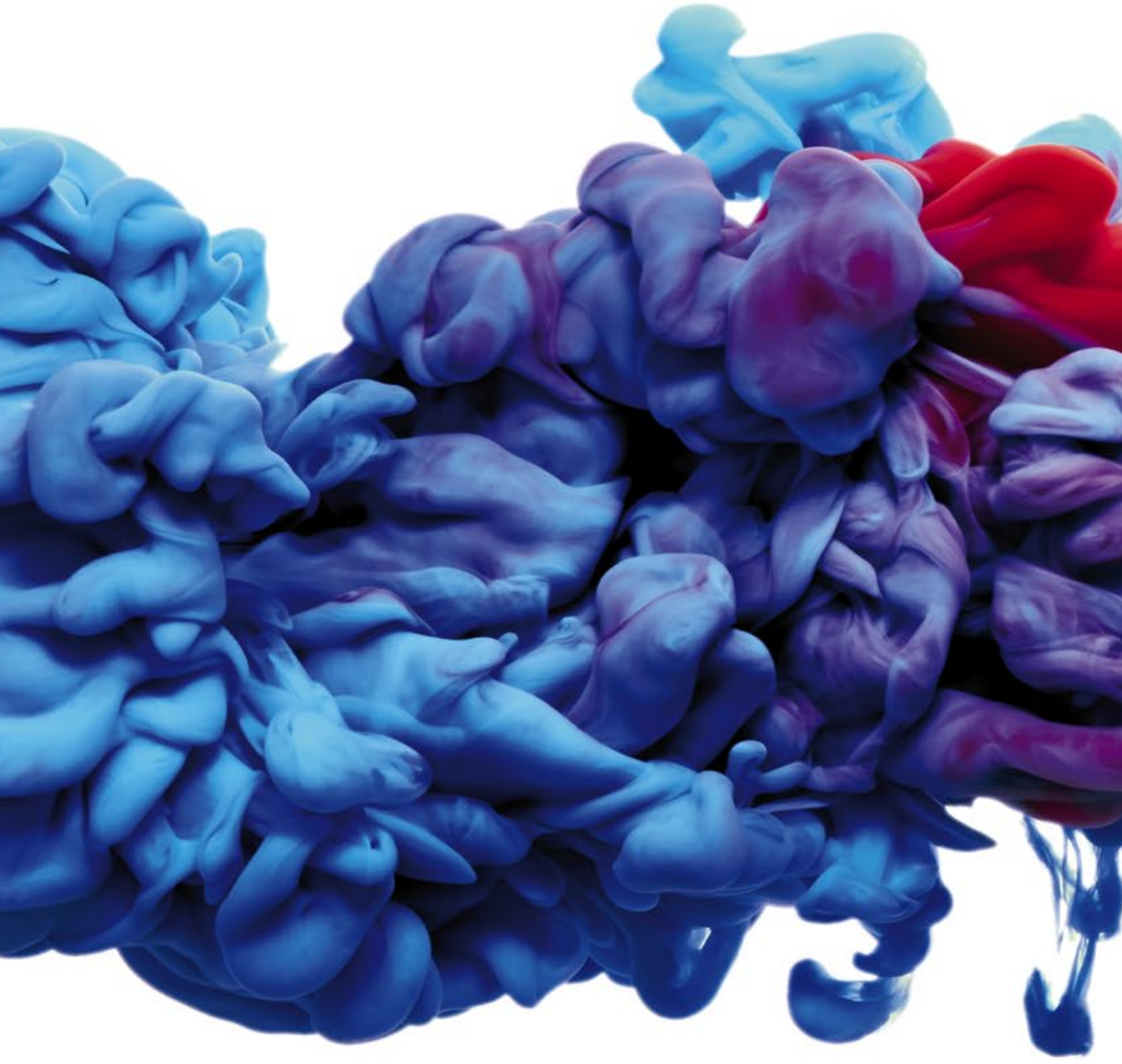
Global: www.adenta.com

Germany: www.adenta.de

Welcome to Adenta
inspired by orthodontists...engineered by Adenta



adenta®



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