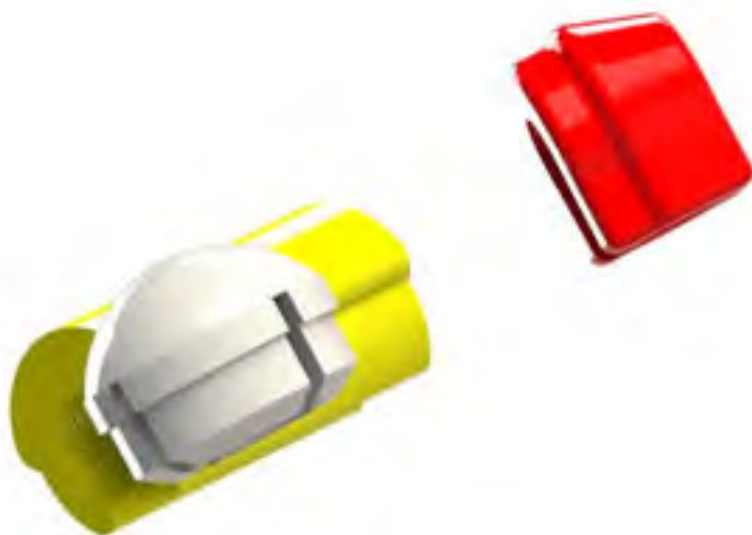
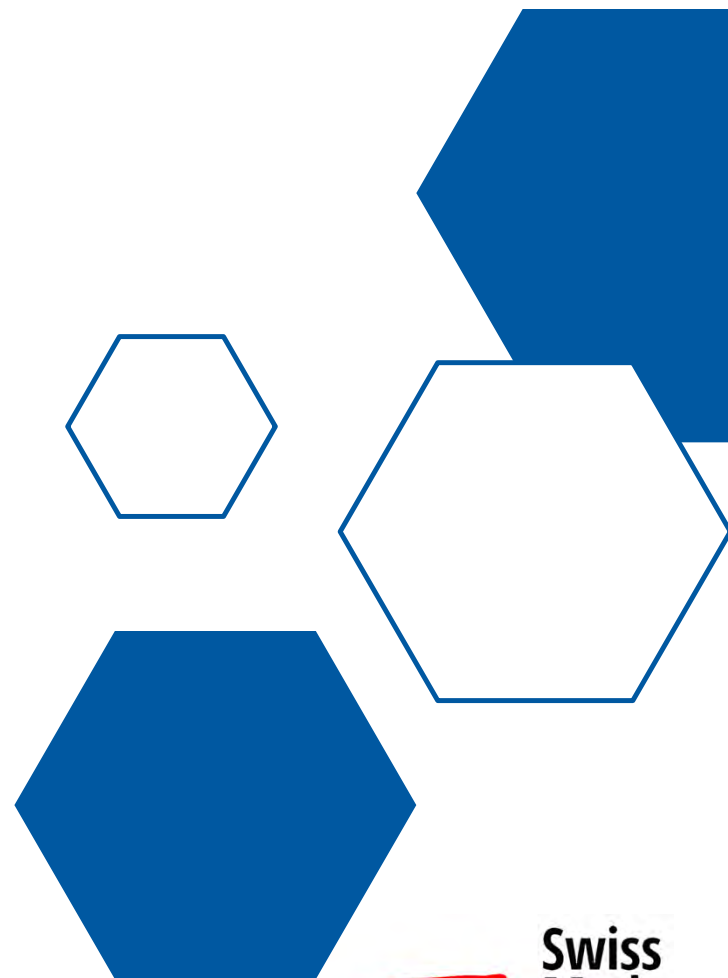




HADER
SOLUTIONS





60 YEARS
ANNIVERSARY
1963 - 2023

60+ Years of Innovation

- HADAX dental products is founded in 1963 in La-Chaux-de-Fonds, Switzerland by Helmut Hader.
- It soon become HADER SA and in 2013 HL Technology SA.
- In 2021, HADER Solutions and Distribution is established in Ireland as a sister company.



Worldwide Distribution

- + 50 distributors
- + 60 countries

Product Lines

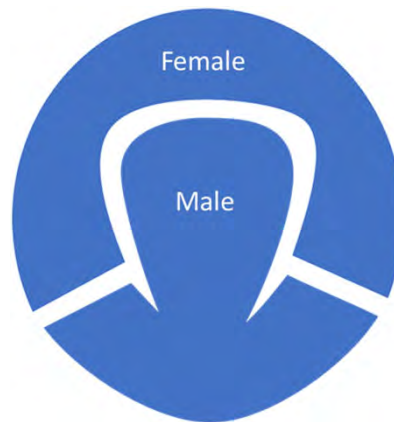
Instruments and Solutions

Precision Attachments



What is a dental attachment?

Connector consisting of two or more components to secure a prosthetic device in place in the patient mouth.



Precision Attachments

Hader CX



2.25 mm



Fits any standard
Ø2.25 mm ball

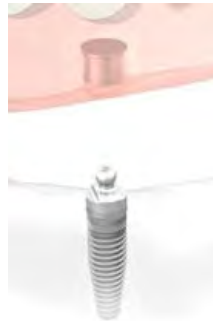


Tooth

(Extracoronary)



Bar

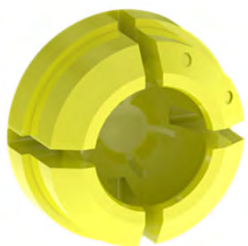


Implant



Tooth Root

Hader CX

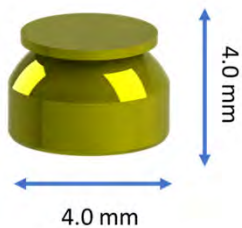


Four segments design

- Engages all around the ball
- Audible click



Greater area of retention



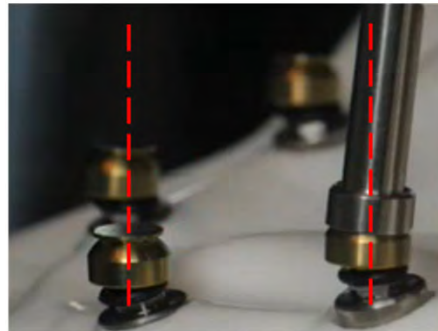
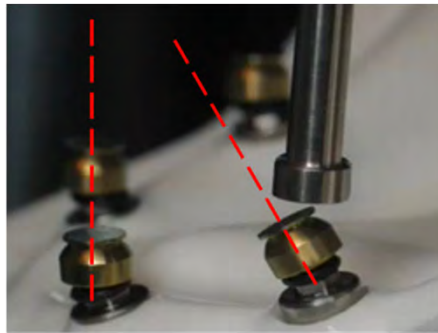
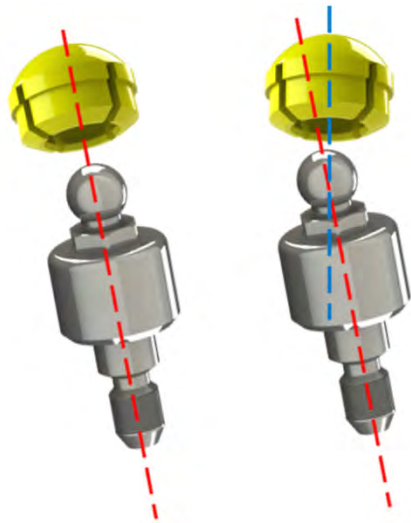
Small Housing

Ideal for compromised buccolingual space.

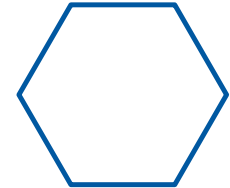


Precision Attachments

Paralleling the females
up to 30° or up to 60°
divergence between
two implants

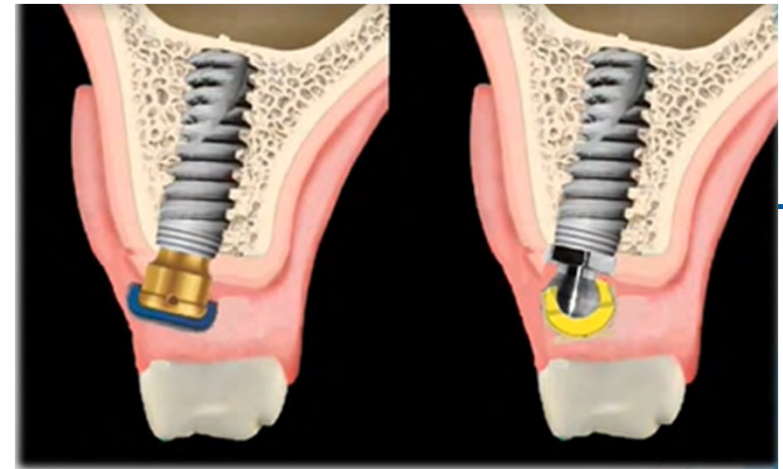


Hader CX



CX Design allows;

- Easier path of insertion and removal
- Free rotation
- Less wear of the attachment
- Improved aesthetics



Precision Attachments



Thread it!

- Easy replacement of the male
- Great options for post-copings and bar constructions



Bond it!

- Save time
- Does not require sandblasting



Cast it!

- Easy and fast



Decreased Retention



Standard Retention



Increased Retention

Hader CX

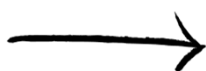


Precision Attachments

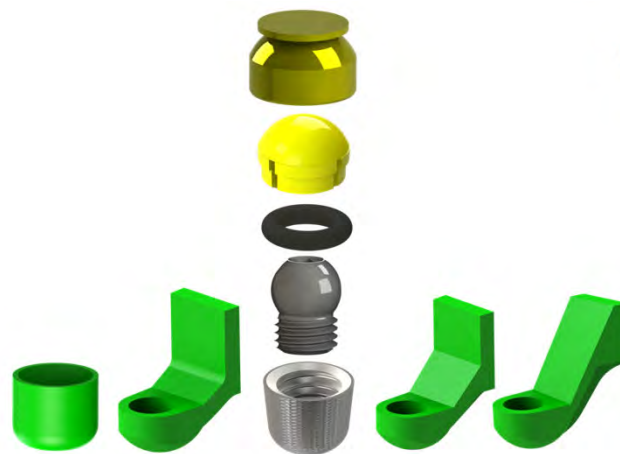
Carefully designed kits

- For threading, bonding, casting and anything in between.
- Every component you may need for all construction types.

Find this logo for
Cad/Cam workflows



Hader CX



Precision Attachments

Hader CX - Extracoronal



Precision Attachments

Hader CX - Extracoronal



Precision Attachments

Hader CX - Extracoronary



Precision Attachments

Hader CX - Axial



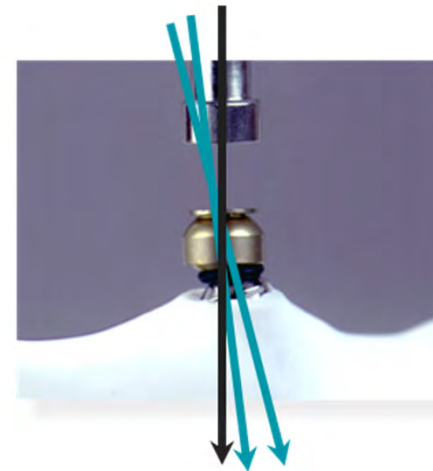
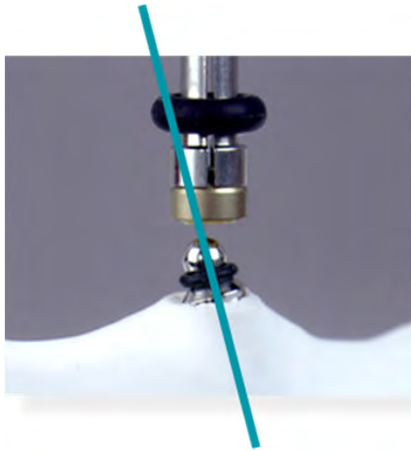
Precision Attachments

Hader CX - Axial



Hader CX - Axial

Divergent females can be parallelized



Precision Attachments



Hader VX

**The most popular bar
system in the world!**

More than 40 years of clinical use



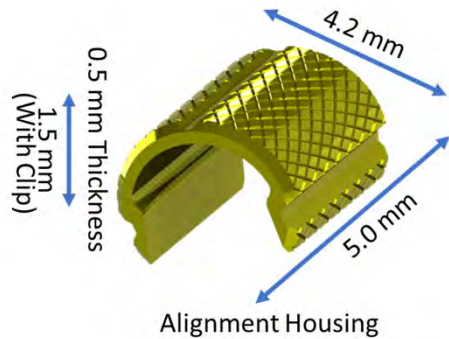
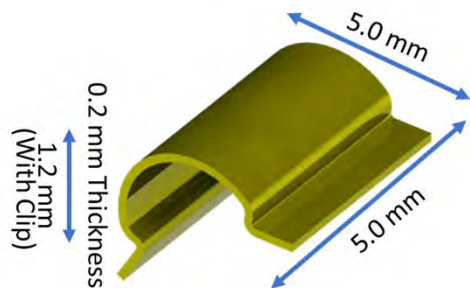
Precision Attachments

Hader VX

For bars and extra coronal constructions



Precision Attachments



Hader VX

Original Housing

- Easy replacement of the male
- Great options for post-copings and bar constructions

Alignment Housing

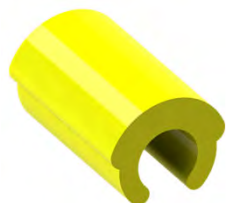
- Parallel grooves aid in ensuring alignment before processing

Precision Attachments

Hader VX



Decreased Retention

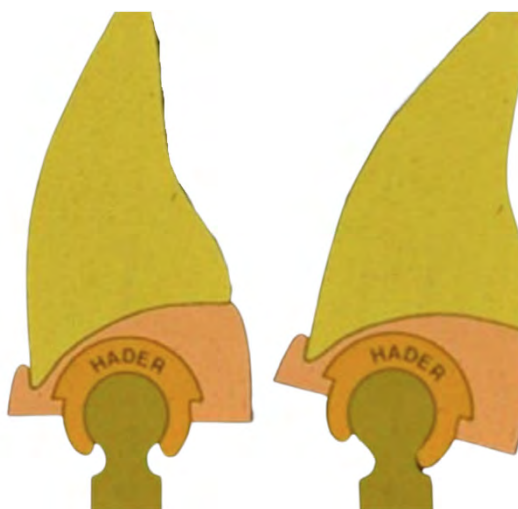


Standard Retention



Increased Retention

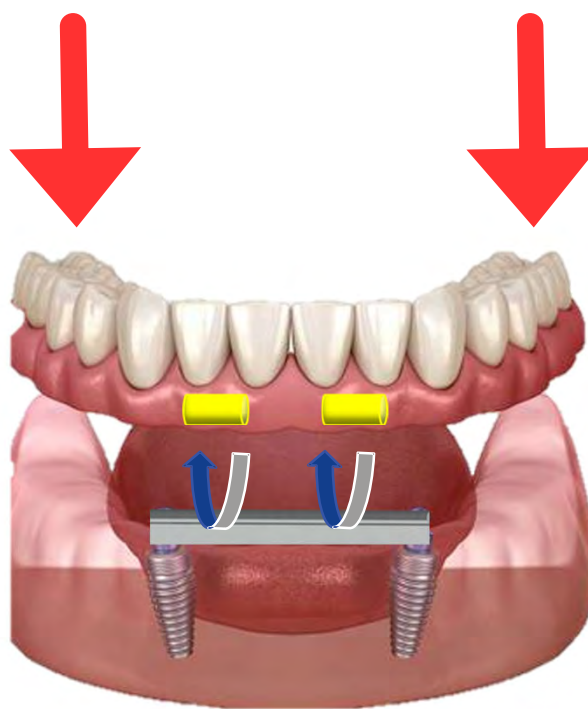
Precision Attachments



Rotation up to 20°



Hader VX



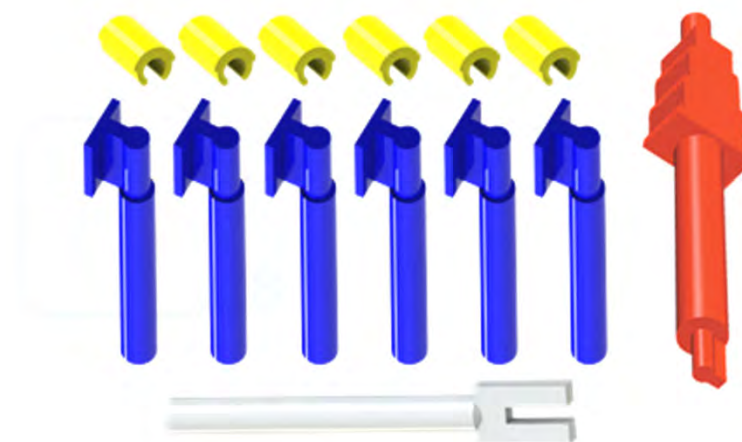
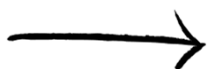
Precision Attachments

Hader VX

Carefully designed kits

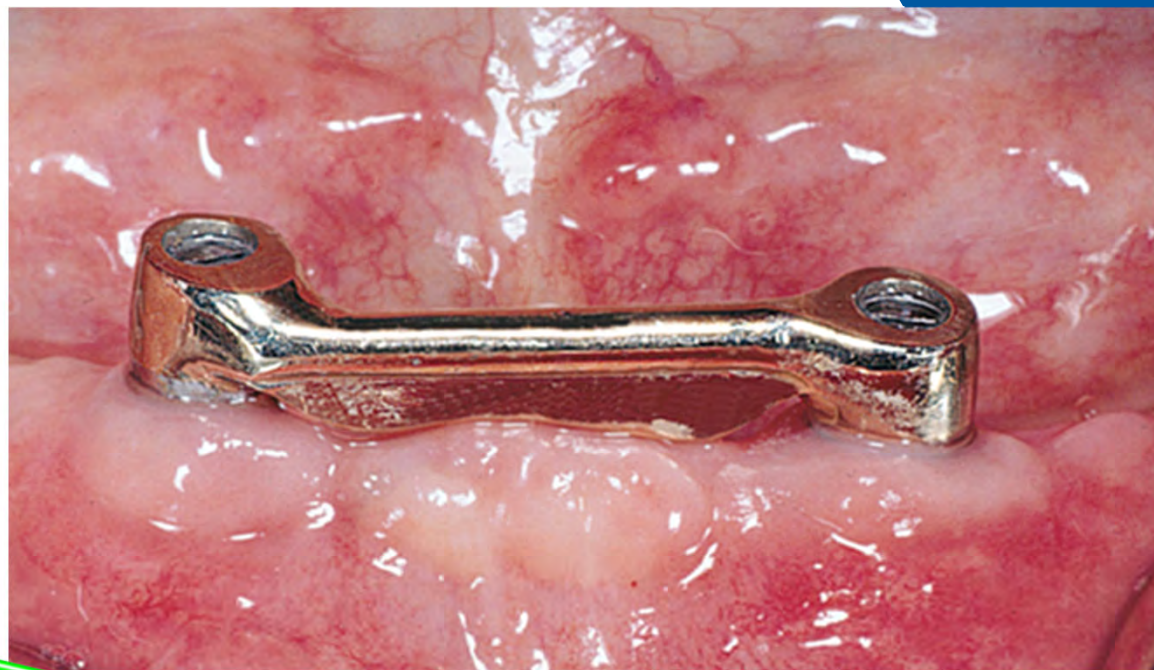
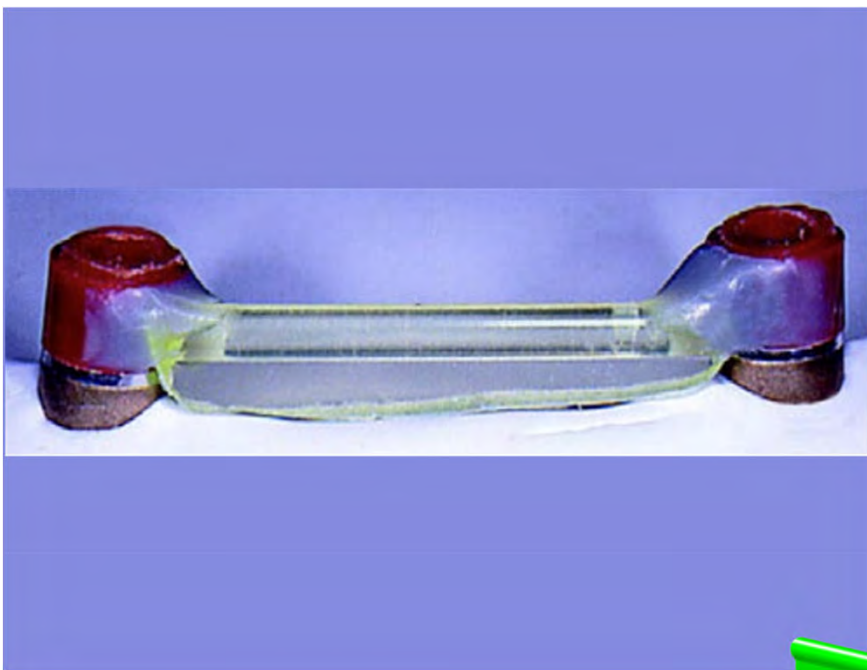
- Every component you may need for your choice of construction.

Find this logo for
Cad/Cam workflows



Precision Attachments

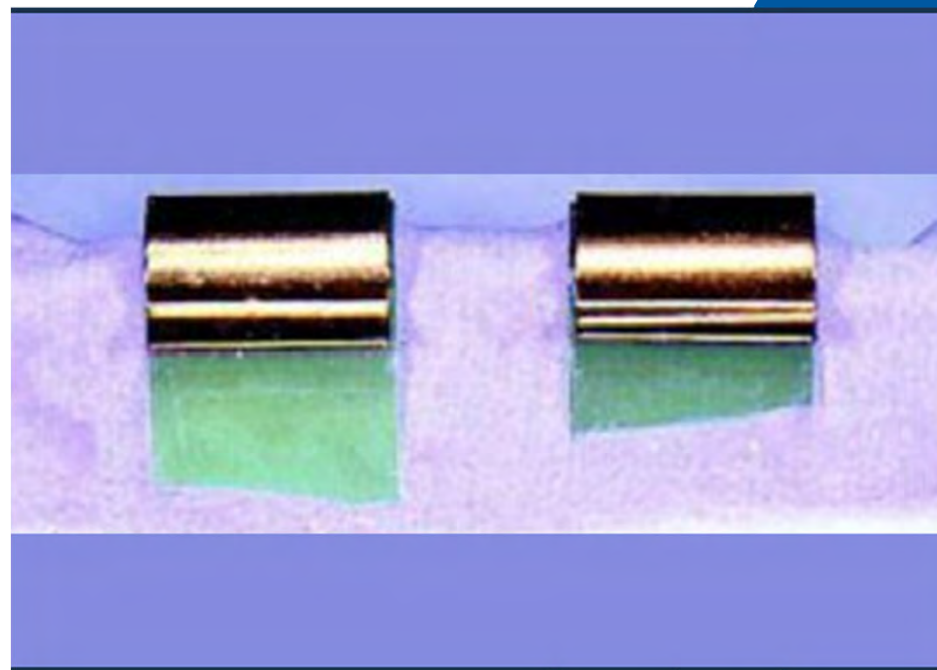
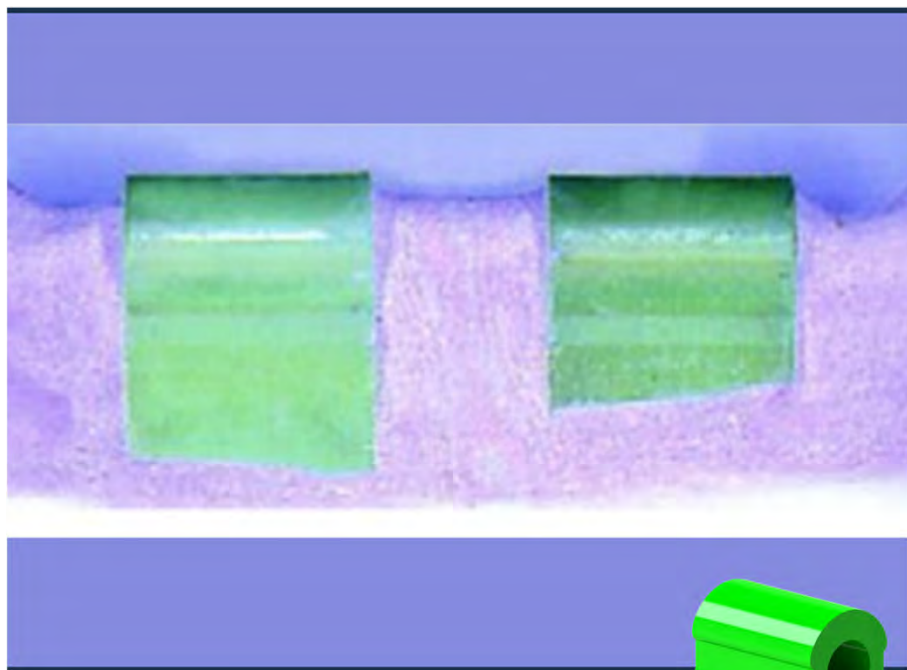
Hader VX - Bar



Plastic Bar

Precision Attachments

Hader VX - Bar

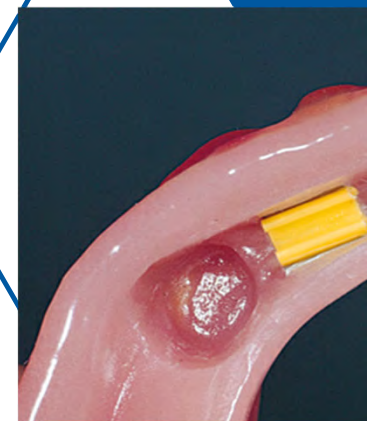
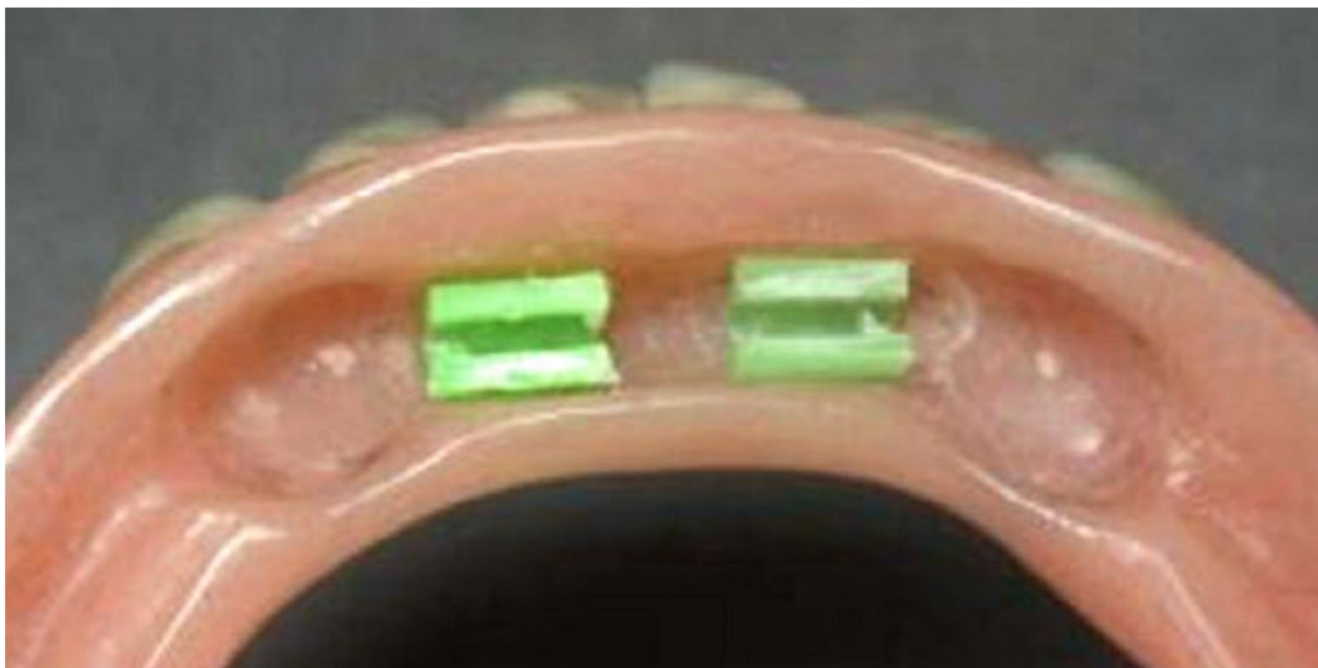
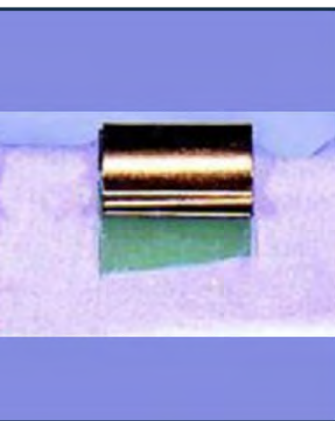


Processing Spacers



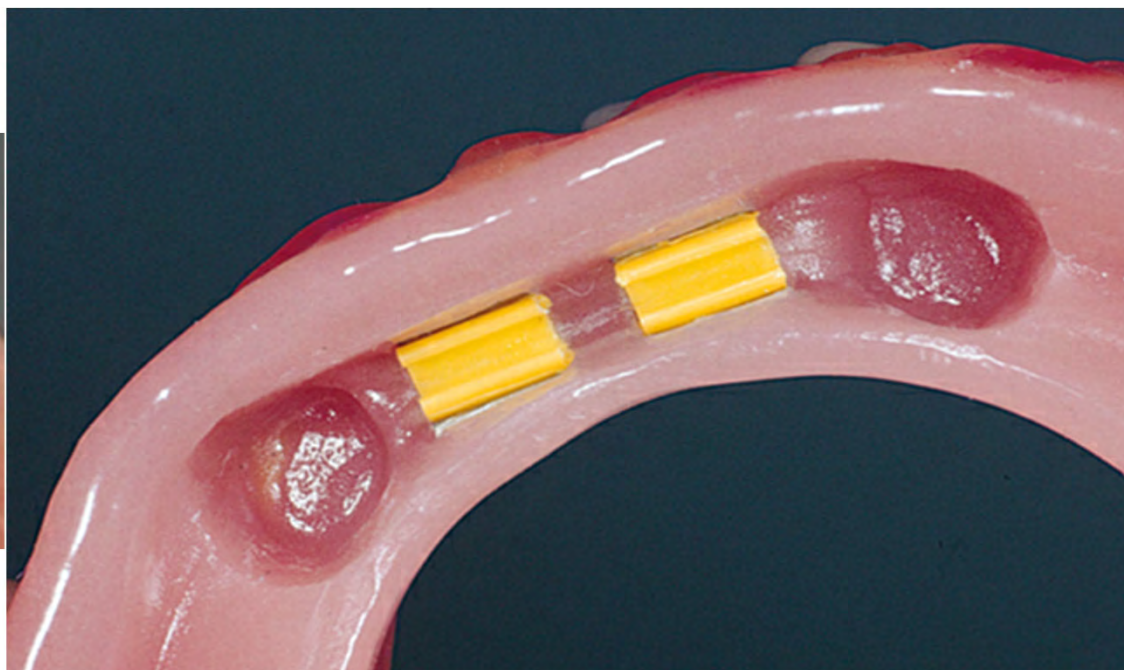
Precision Attachments

Hader VX - Bar



Precision Attachments

Hader VX - Bar



Precision Attachments

Hader VX Extracoronal



Aesthetic Solution

Precision Attachments

Hader VX Extracoronal



Aesthetic Solution

Hader SX

The solution for compromised space



- The 1.7mm male only needs 3.1mm Ø of space
- Small housing
- The most aesthetic solution



Precision Attachments

Hader SX

For bars and extra coronal constructions



Precision Attachments

Hader SX



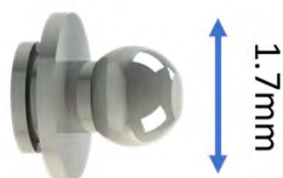
Decreased Retention



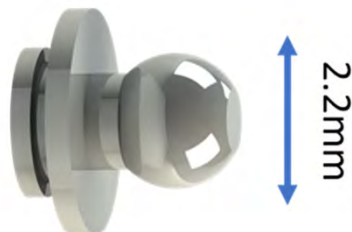
Standard Retention



Increased Retention



1.7mm



2.2mm



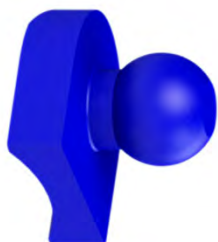
Space
Requirement

Vertical: 3.1mm
Diameter: 3.1mm

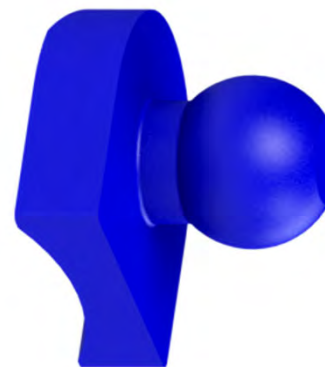
Vertical: 4.1mm
Diameter: 4.2mm

Precision Attachments

Hader SX



Cast it!

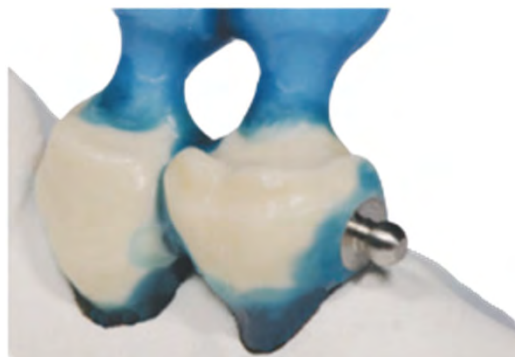


Precision Attachments

Hader SX



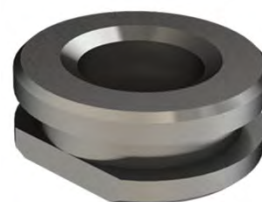
Cast-on
NOPRAX!



Precision Attachments

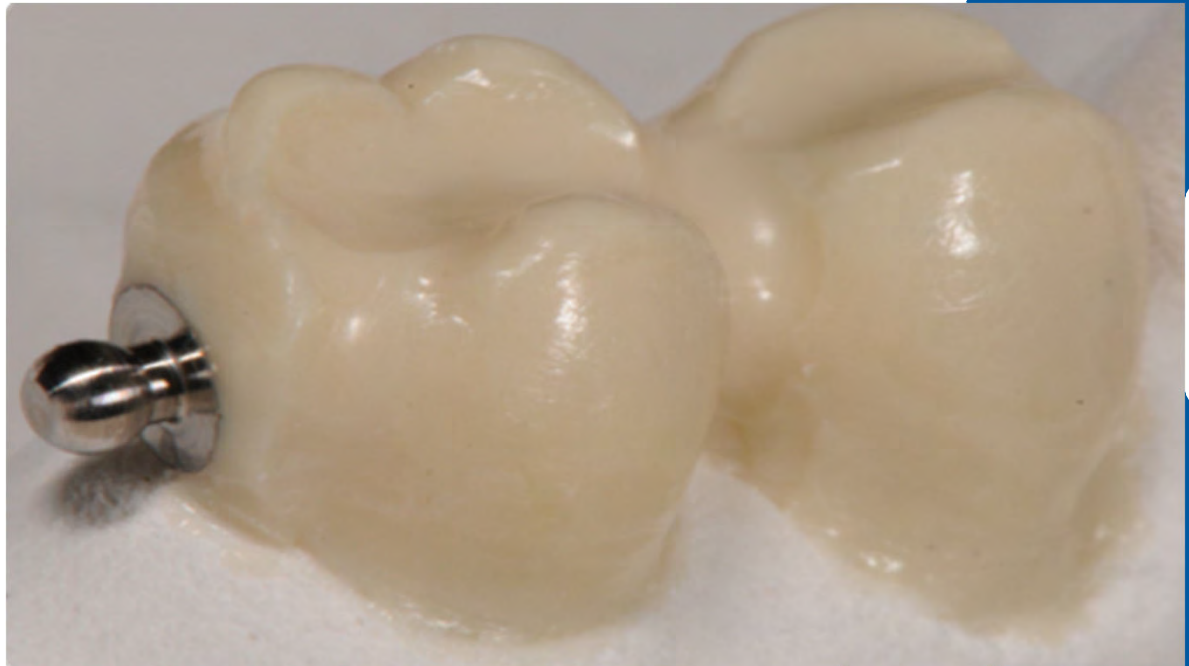
Hader SX

Thread it!



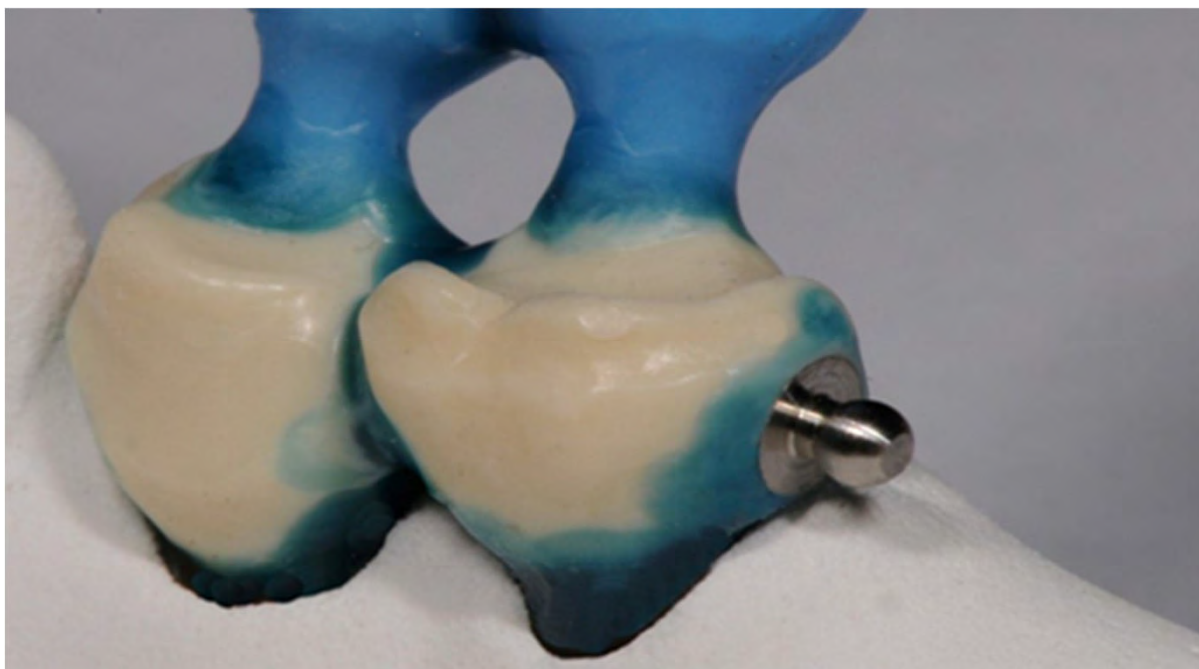
Precision Attachments

Hader SX



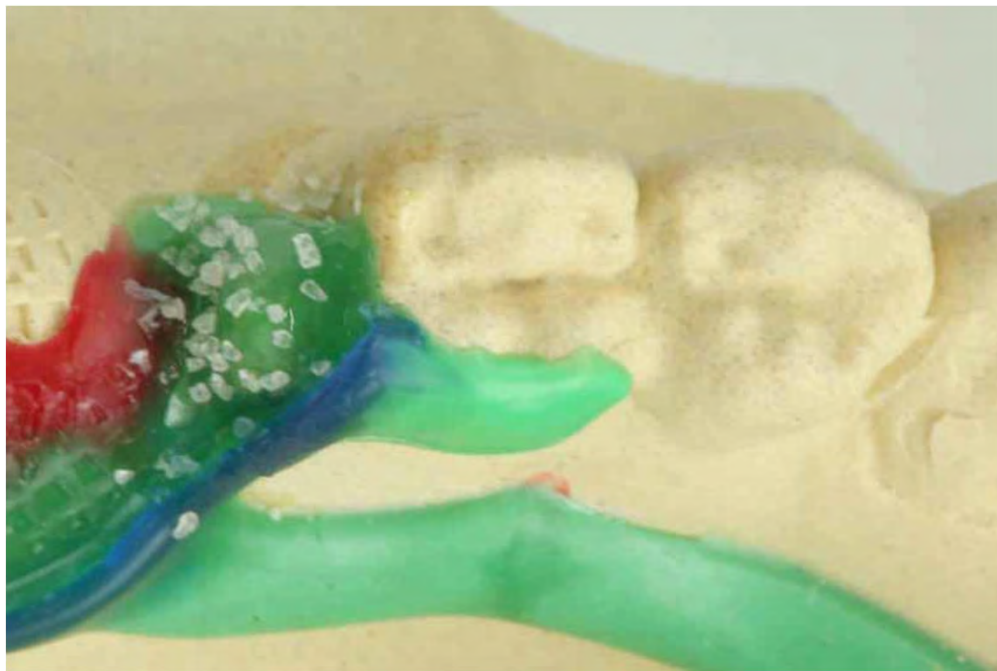
Precision Attachments

Hader SX

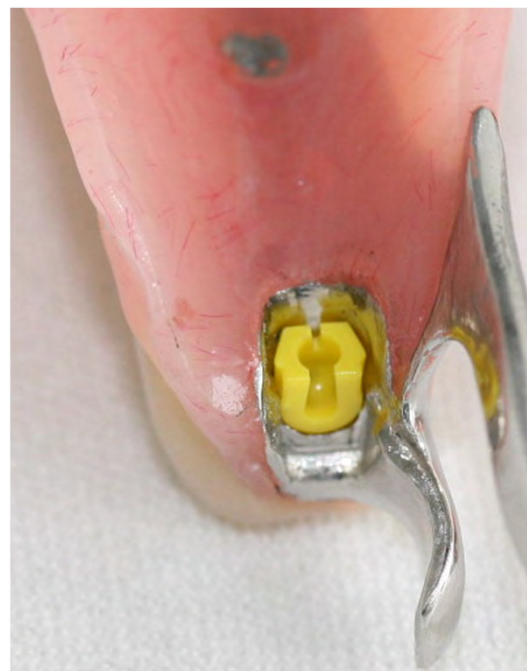
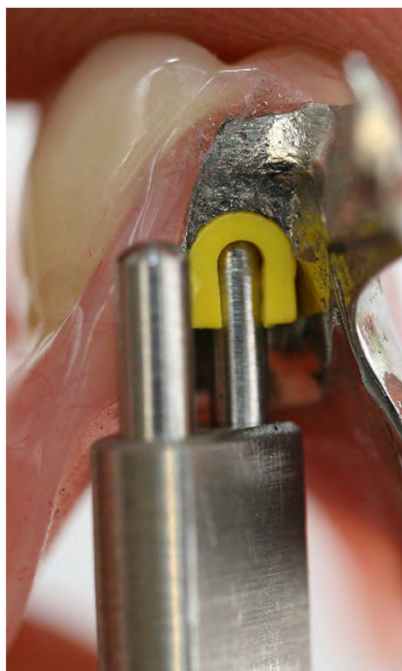


Precision Attachments

Hader SX



Precision Attachments



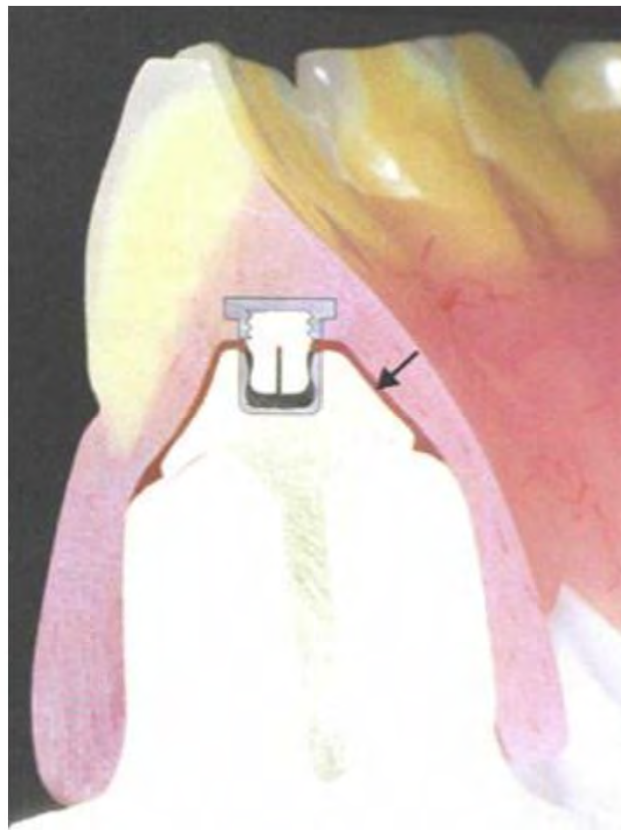
Hader SX



Precision Attachments



Hader RX

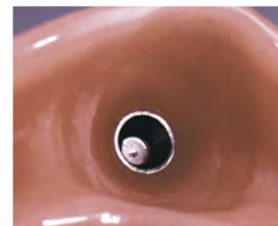


Precision Attachments

Hader RX



Female on Post-Coping

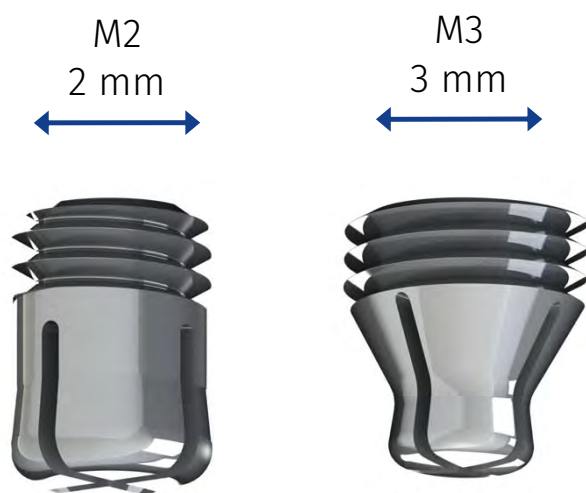


Male on Post-Coping



Extra-coronal

Precision Attachments



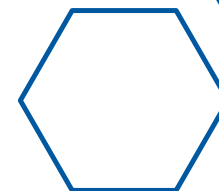
Hader RX



Bonding

Acrylic Retention

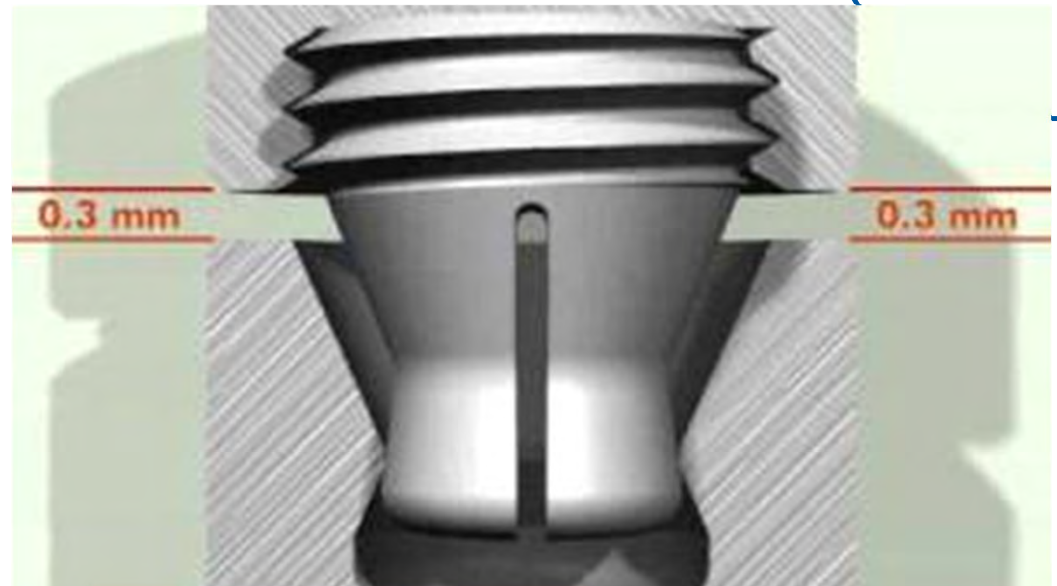
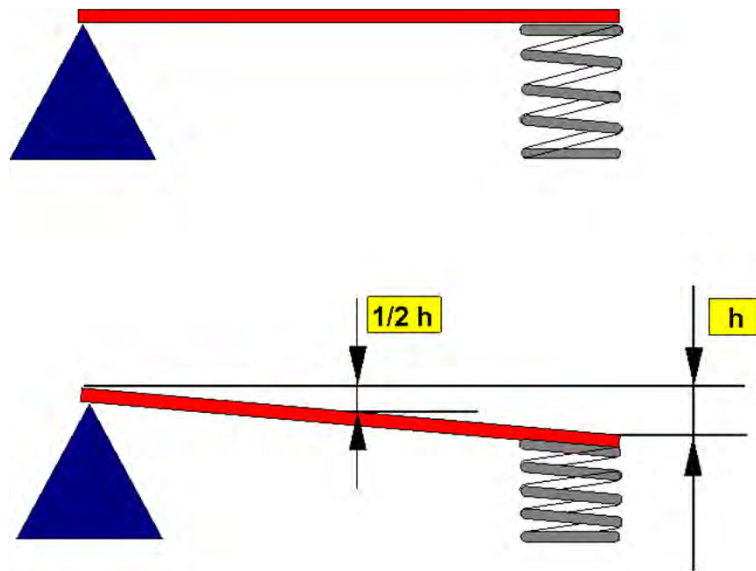
Soldering



Precision Attachments

Hader RX

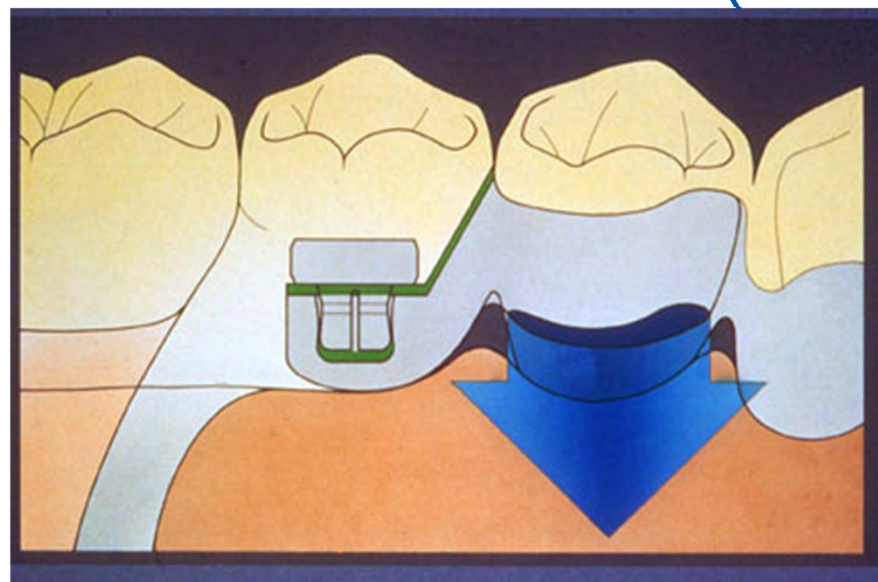
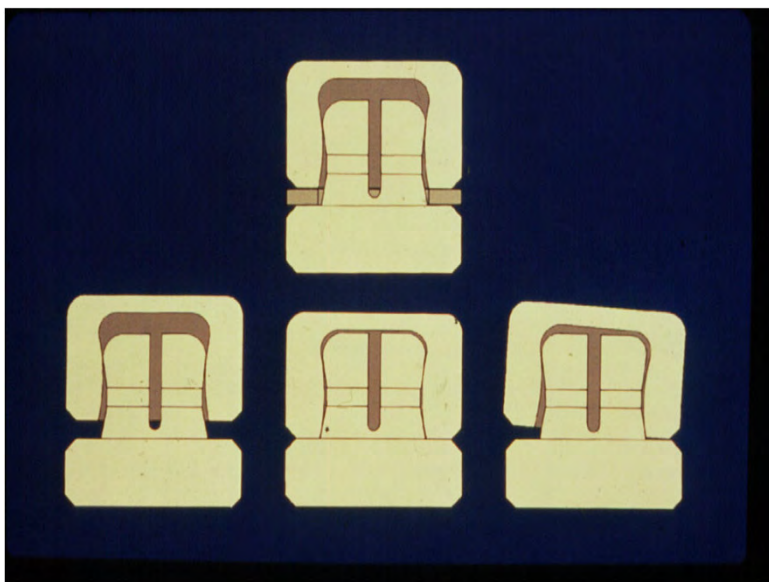
Immunity to resilience



Precision Attachments

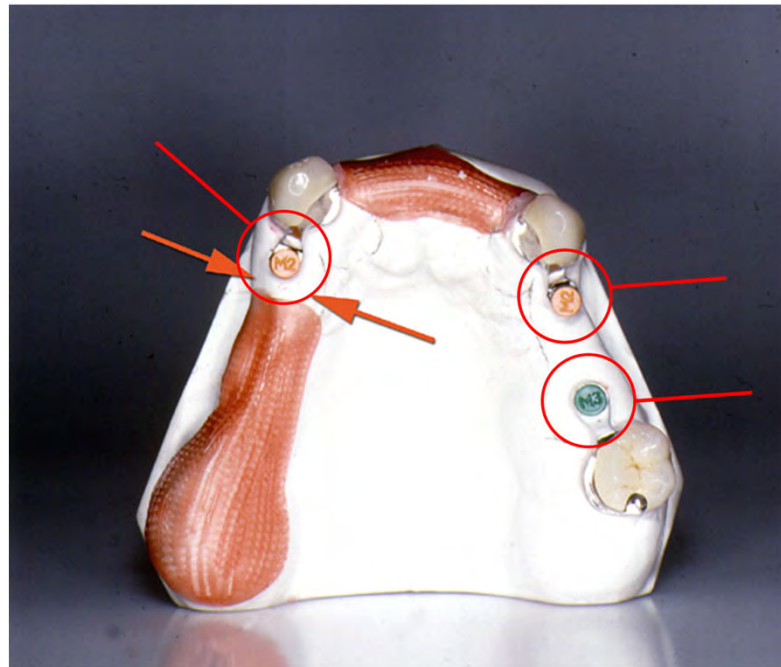
Hader RX

Immunity to resilience

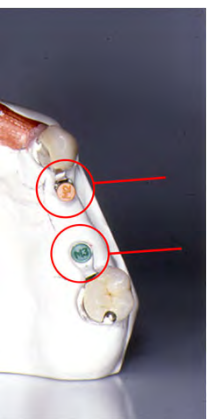


Precision Attachments

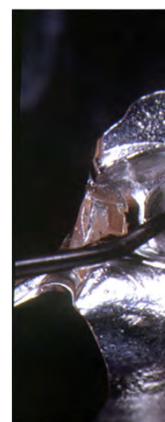
Hader RX



Precision Attachments



Hader RX



Precision Attachments

Hader RX



Precision Attachments

Hader RX



Precision Attachments

Bars

STANDARD BARS - L: 50mm - W: 2.2mm - H: 3mm

DESCRIPTION	
	Bar Oval Resilient Standard Plastic For lab use only.
	4 PCS 5061022-4
	50 PCS 5061022-50
	Bar U-Shaped Rigid Standard Plastic For lab use only.
	4 PCS 5061024-4
	50 PCS 5061024-50
	Bar Oval Resilient Standard 5cm ORAX
	1 PCS 5061010-1

MINI BARS - L: 50mm - W: 1.6mm - H: 2.3mm

DESCRIPTION	
	Bar Oval Resilient Mini Plastic For lab use only.
	4 PCS 5061021-4
	50 PCS 5061021-50

STANDARD RIDERS - L: 50mm - W: 5mm - H: 3.5mm

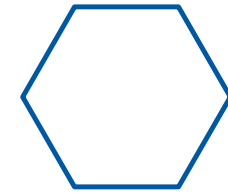
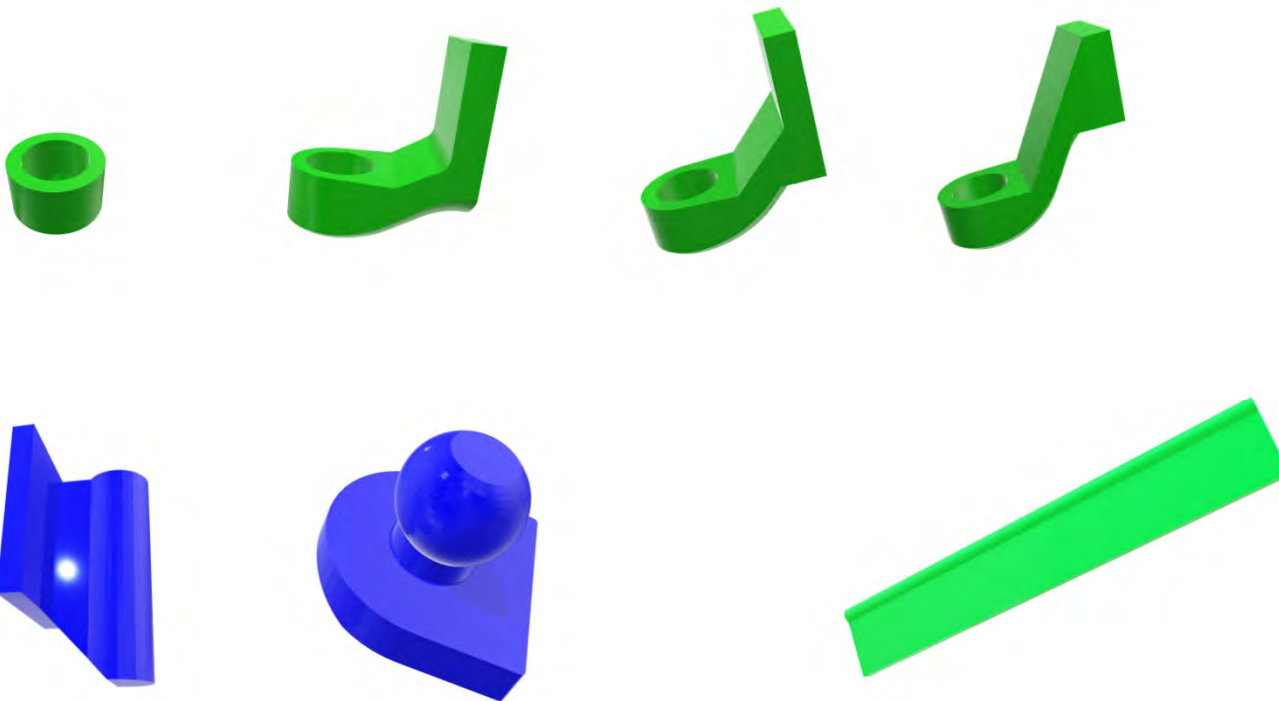
DESCRIPTION	
	Bar Rider Standard With Retention Adjustable standard rider with retentions for acrylic resin and space maintainer.
	INOX 5061007-1
	ORAX 5061008-1
	PALLAX 5061009-1
	Bar Rider Standard Without Retention Adjustable standard rider.
	ORAX 5061025-1
	PALLAX 5061026-1

MINI RIDERS - L: 50mm - W: 4mm - H: 2.8mm

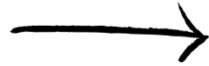
DESCRIPTION	
	Bar Rider Mini With Retention Adjustable mini rider with retentions for acrylic resin and space maintainer.
	INOX 5061014-1
	ORAX 5061015-1
	PALLAX 5061016-1
	Bar Rider Mini Without Retention Adjustable mini rider.
	ORAX 5061029-1

Precision Attachments

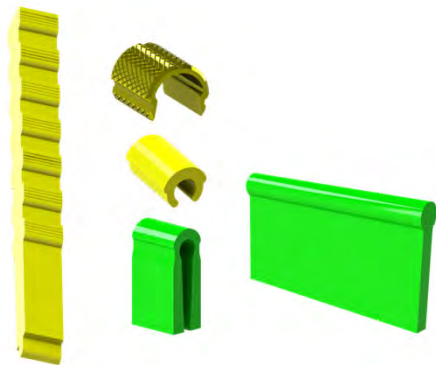
Digital Library



Precision Attachments



**CAD
CAM**



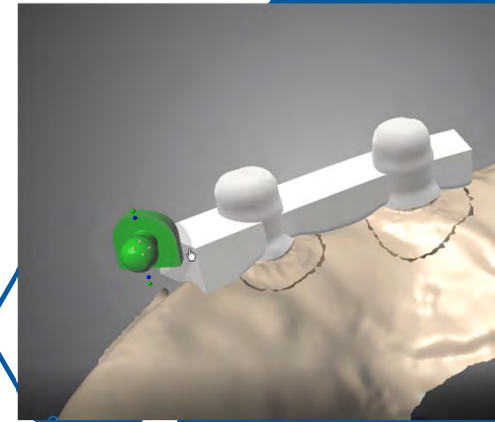
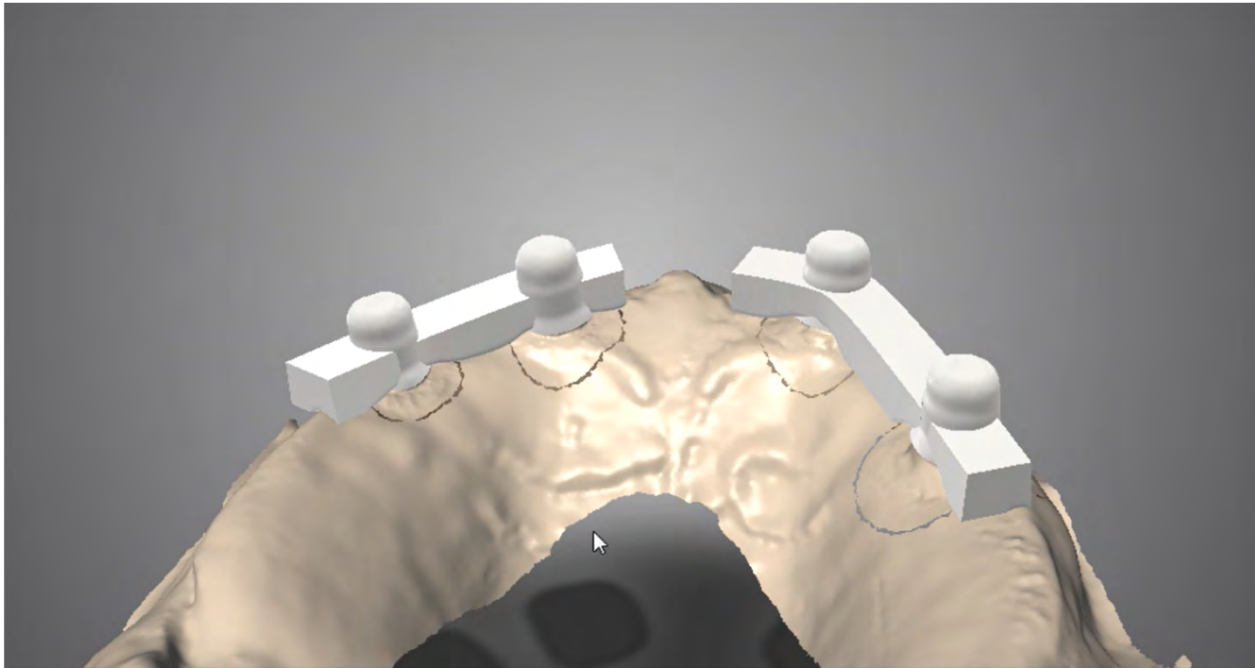
**CAD
CAM**

Digital Library



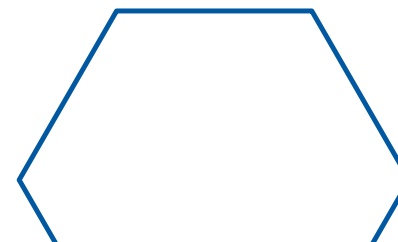
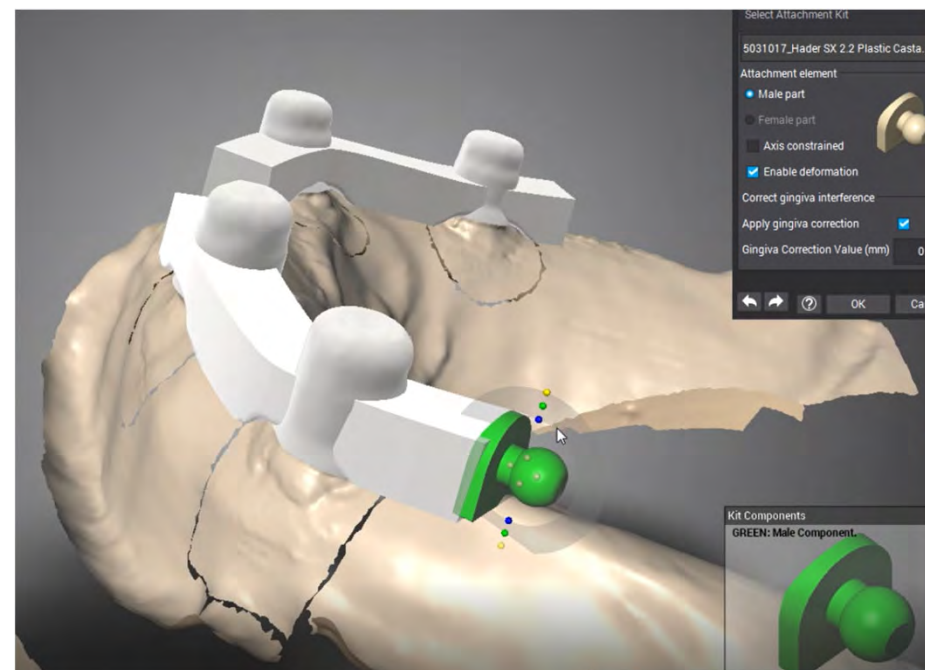
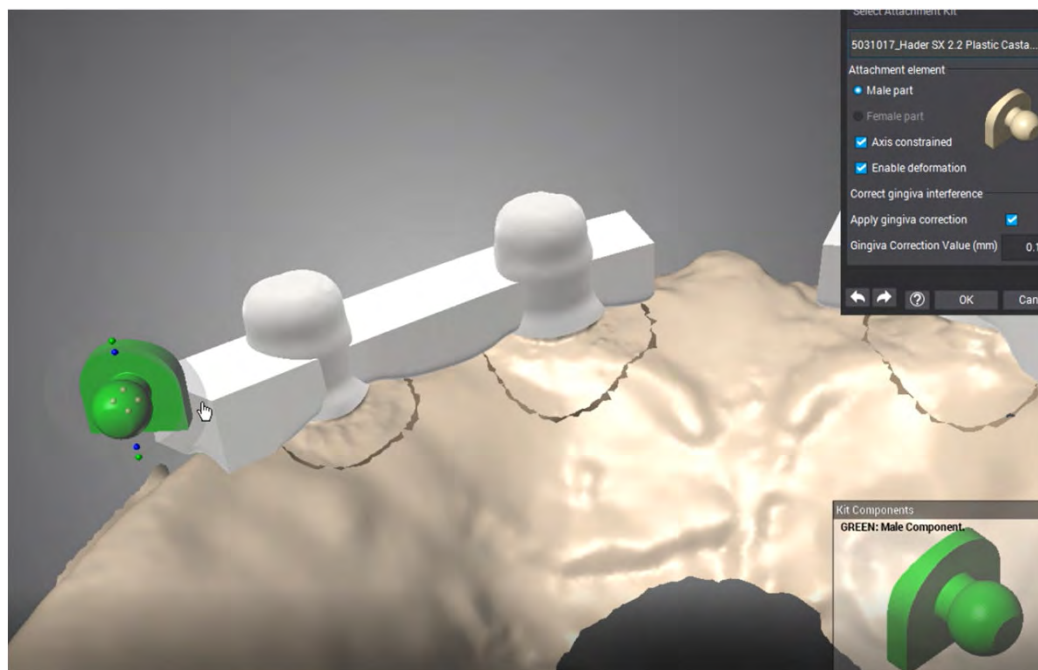
Precision Attachments

Digital Library



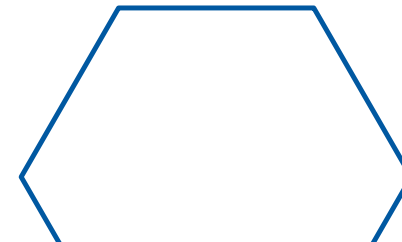
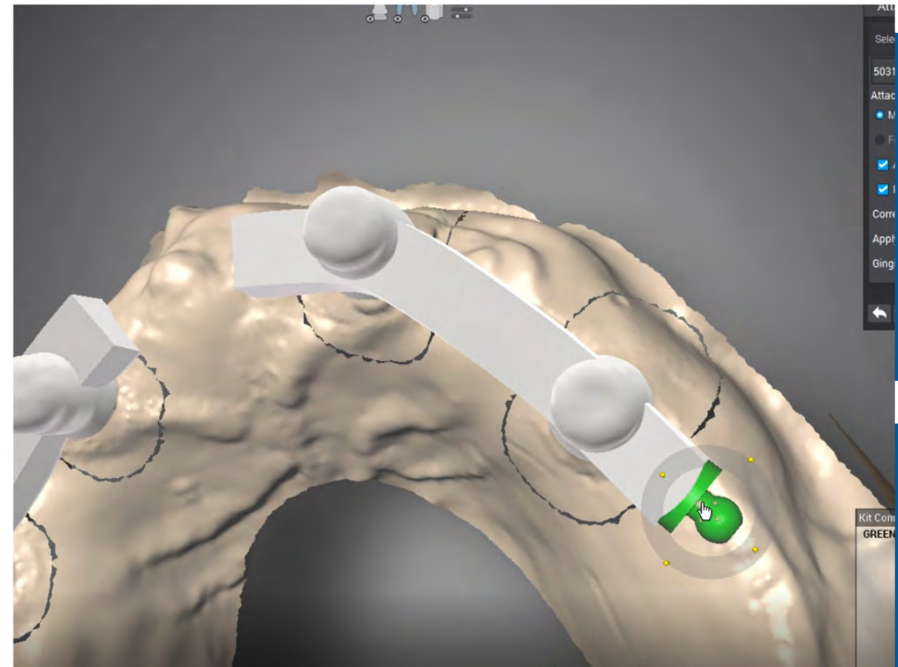
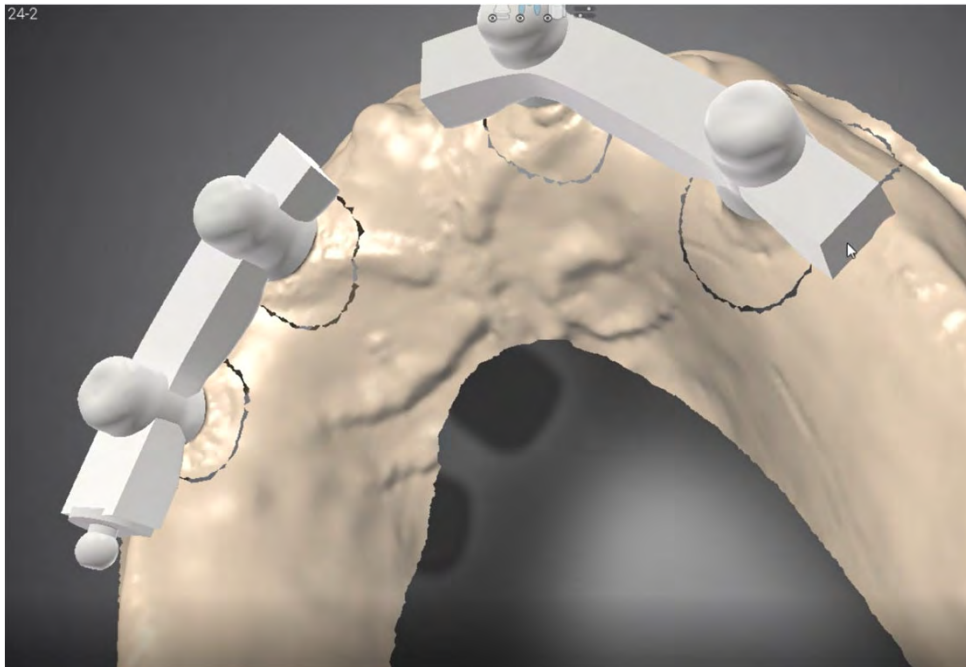
Precision Attachments

Digital Library



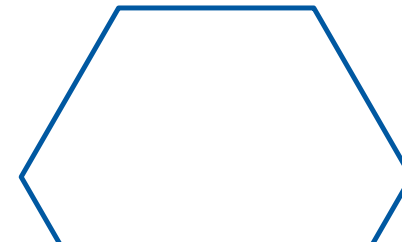
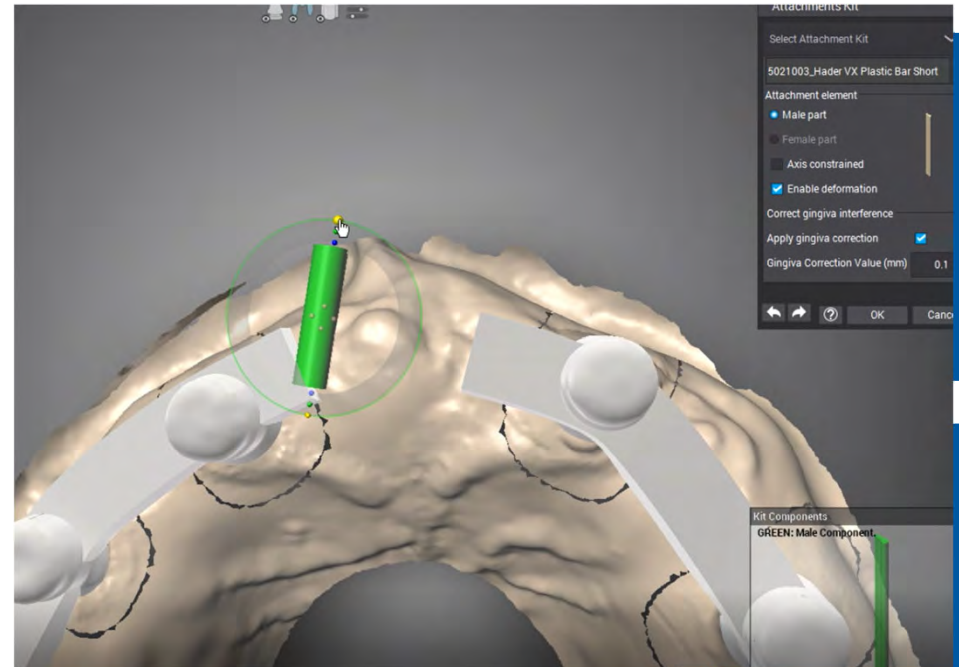
Precision Attachments

Digital Library



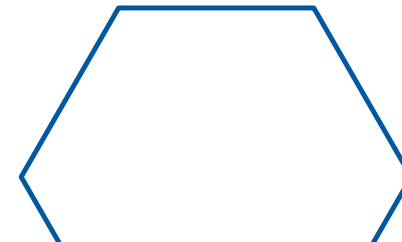
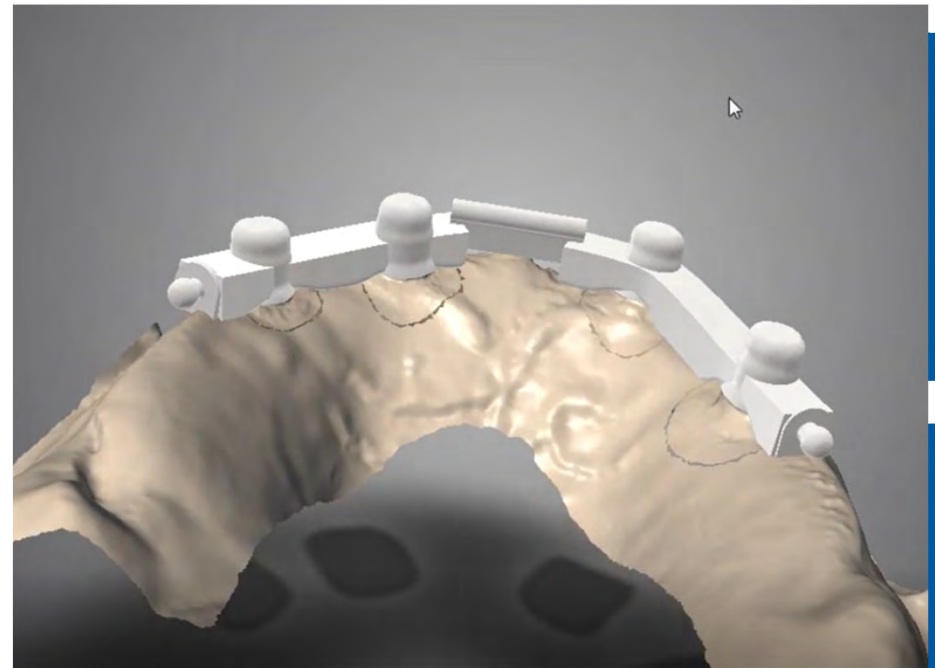
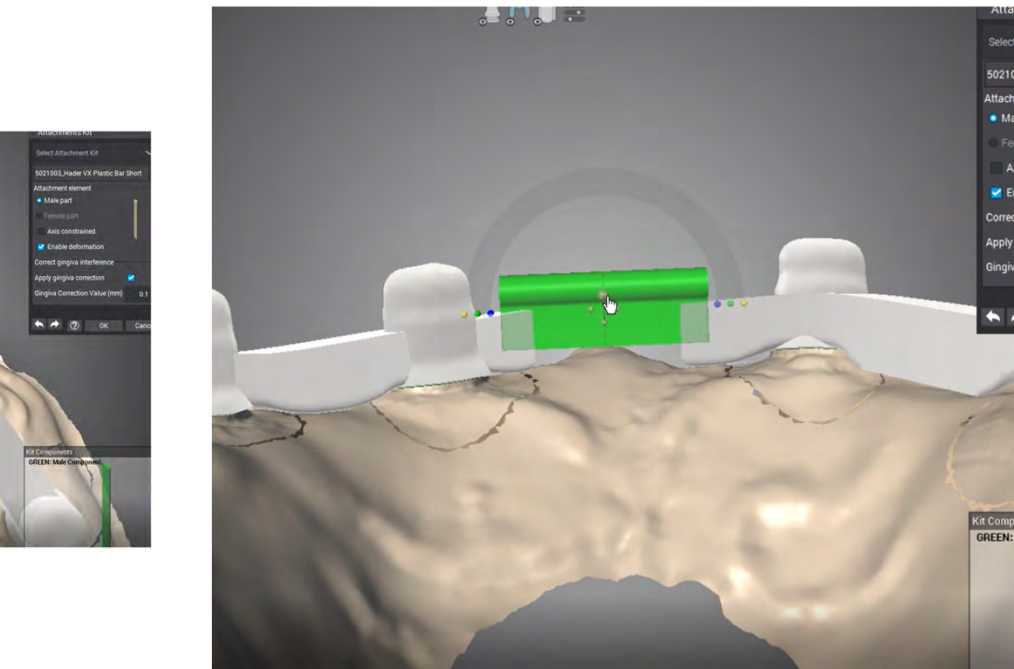
Precision Attachments

Digital Library



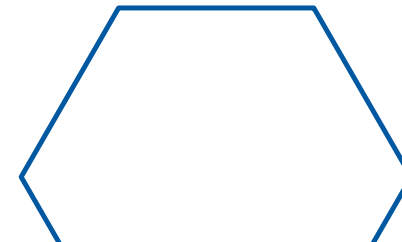
Precision Attachments

Digital Library



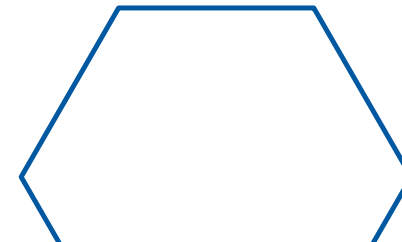
Precision Attachments

Digital Library



Precision Attachments

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Name *

Street address *





3shape 
exocad



Hader Solutions Digital Library

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Name *

Street address *

ZIP or postal code *

Country *

Email *

Phone

Message

[\[acceptance* privacy\]](#) I accept the data protection policy.

SEND

We'll email you the correct file based on your selection.

Product Lines

Instruments and Solutions

Precision Attachments



Implant Buddy



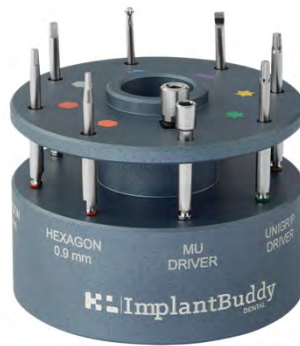
Kit of drivers compatible with 99% of the brands.

- Magnetic base.
- Short and long drivers.
- Color-coded
- Tapered bits.
- Small size
- Elegant design.

Instruments and Solutions



Dental



Latch



Lab

Instruments and Solutions



Dental



HEX
0.9
Friadent
(Cover
Screws Only)



UNIGRIP
Nobel Biocare



HEX
1.2
3i Systems
Megagen
BTI



ANGLED
SCREW
CHANNEL



HEX
1.25
Zimmer
Camlog



SCS
Straumann



HEX
1.3
BioHorizons
Astra



THUMB KNOB

*17 & 24 mm Drivers

Instruments and Solutions



Latch



HEX
0.9
Friadent
(Cover Screws
Only)



UNIGRIP
Nobel Biocare



STRAIGHT



HEX
1.2
3i Systems
Megagen
BTI



ANGLED
SCREW
CHANNEL



SCS

Straumann



HEX
1.3
BioHorizons
Astra



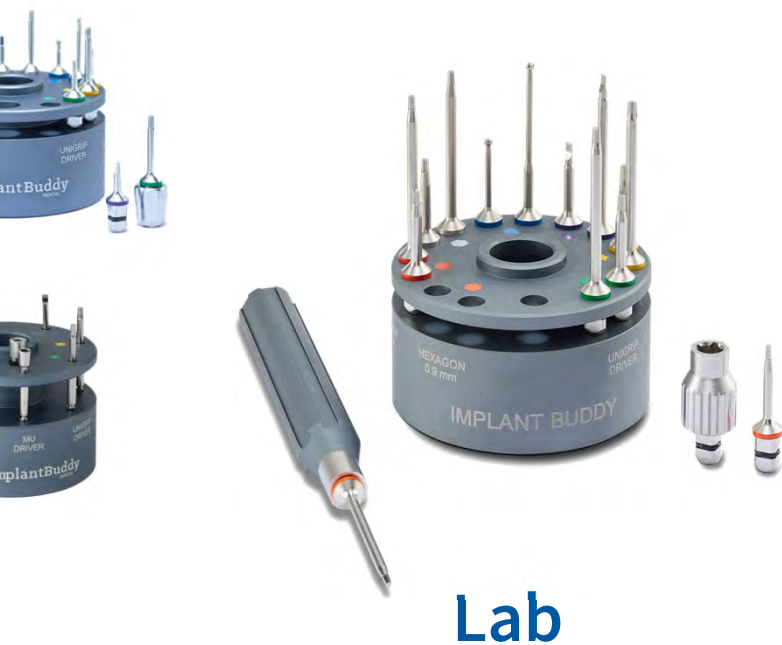
MULTI-
UNIT



ADAPTOR

*24 mm Drivers

Instruments and Solutions



HEX
0.9
Friadent
(Cover
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UNIGRIP
Nobel Biocare



HEX
1.2
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Megagen
BTI



ANGLED
SCREW
CHANNEL



HEX
1.3
BioHorizons
Astra



STRAIGHT



SCS
Straumann

*24 & mm Drivers

Torque Wrench



Omega

15Ncm to 50Ncm

- 4mm square connection.
- High precision calibrated torque.
- Consistent and accurate.
- CE marked

Watch this video:

<https://www.hl-technology.ch/en/products/omega-torque-wrench/>

Instruments and Solutions

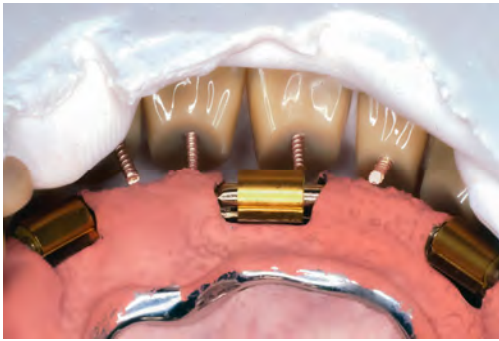


Ret Wire

For enhanced retention and durability, Ret Wire provides a secure, flexible solution for connecting teeth to acrylic bases.



Ret Wire



- Enhanced retention between the denture acrylic base and teeth
- Aesthetic pink colour
- Flexible
- User-friendly
- Versatile applicator



Multi Composite / Multi Primer

A neutral self-hardening adhesive composite for various dental applications on all dental alloys, zirconium and porcelain



Multi Composite / Multi Primer



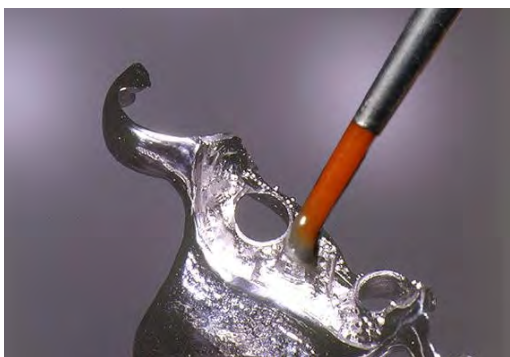
Cementing a Zirconia crown to a titanium abutment

- An excellent connection for multiple dental materials: zirconium oxide, precious and non-precious alloys, porcelain and acrylics
- Self-curing
- Simple application process
- Excellent fluid consistency, air bubble free
- Auto-mixing tips
- Bis-GMA and TEGDMA free
- Affordable price



Instruments and Solutions

Multi Composite / Multi Primer



Increase retention between acrylic and metal frames, attachments and orthodontic appliances



Multi O is ideal for bonding translucent materials, e.g. E-Max.

The opaque layer prevents the grey colour of the titanium abutment from shining through the crown.

Instruments and Solutions



3-CP

Aesthetical conditioner for non-precious metals to improve metal-ceramic bonding and the final aesthetic result.

Avoids the yellow-green discolouration during the production of artificial teeth.



Latex-Sep

latex-based separator, spacer and release agent for multiple dental applications.





Any Questions?

Thanks

