



**HADER**  
SOLUTIONS

*Catalogue*

## *Solutions to enhance life quality*

The name “Hader” stands for 60 years of history, competence, and experience.

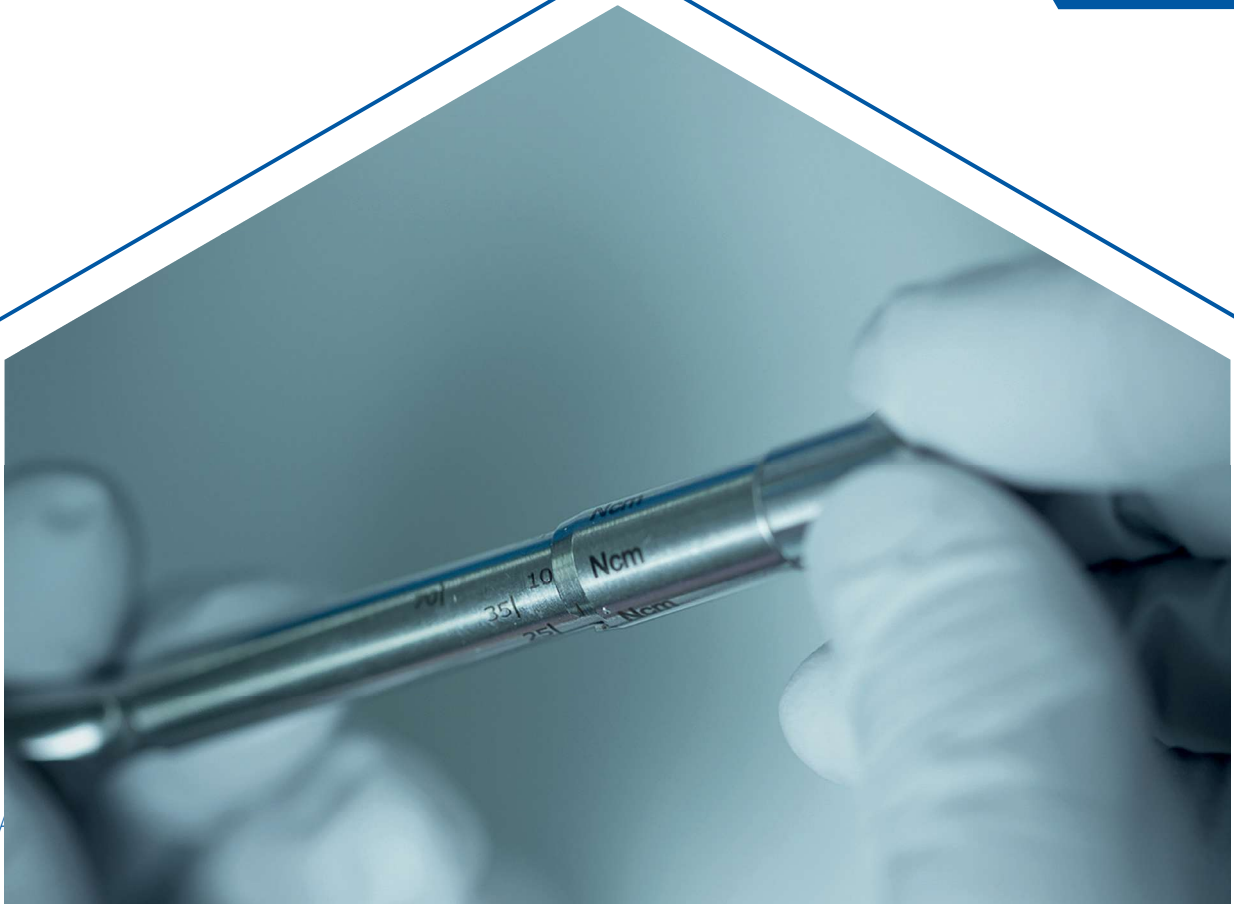
Back in the day, in 1963, Helmut Hader founded his first factory in La Chaux-de-Fonds, Switzerland, hence establishing our brand with its rich history. Numerous patents and inventions of attachments and prosthetic solutions have since contributed to this very history and tradition; the high standard of those products is still used as reference in the dental field today.

While the spirit of Helmut Hader kept and keeps expanding across the globe, our true home remains in the heart of Switzerland. Here lies the core of our identity, our sense of perfection,

our inexhaustible drive for innovation. All of this is held together by our love for tradition and sustainability in everything we do.

In 2021, we revived the company’s original name, “HADER”, and re-branded in memoriam of Helmut Hader, our historical founder. We refocused on his values of innovation and quality, in combination with solid customer care.

HADER SOLUTIONS & DISTRIBUTION LTD. is the “One-Stop Shop” that delivers on high quality, has CE markings conforming with the new MDR, and offers fair prices on implantology and prosthetic instruments, precision attachments, and specialty prosthetic items.



## *Mission*

Bring back your smile

## *Vision*

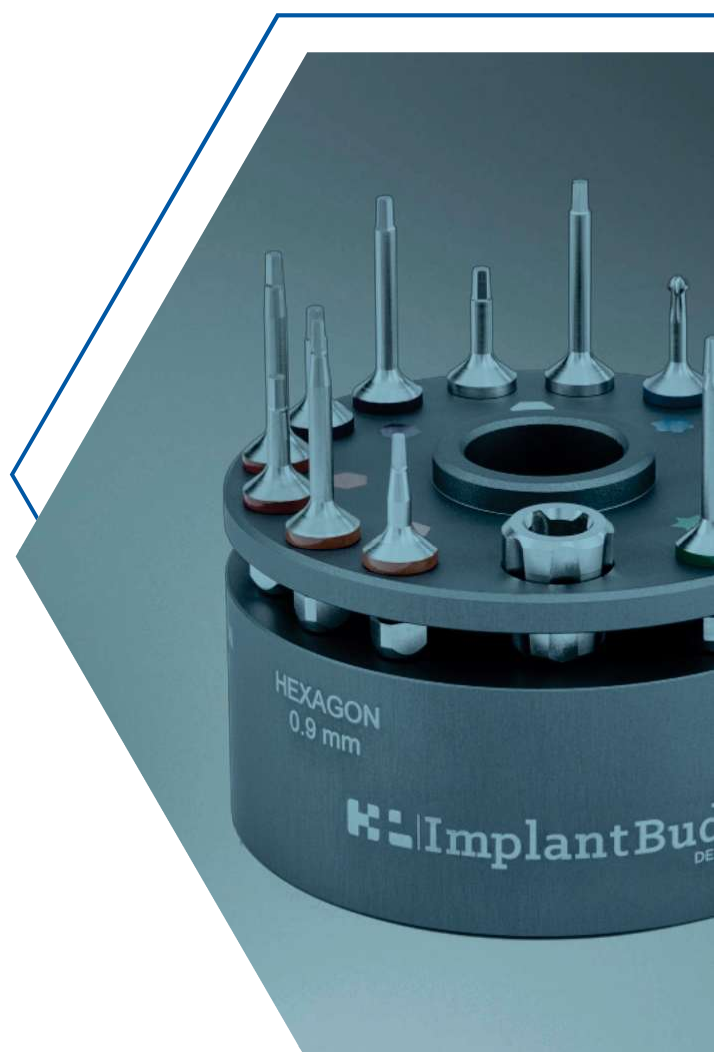
Solutions to enhance life quality

Hader Solutions is committed to provide the highest quality products, services, and expertise to our partners in order to improve the quality of life of all involved.



## *Distributors*

Scan the QR code for information about our distributors Worldwide



Download an up-to-date digital version of the catalogue from our website [www.hader.eu](http://www.hader.eu) or simply by scanning the QR code.



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Explore our website at [www.hader.eu](http://www.hader.eu) to access a wealth of resources, including user guides, inspiring design videos, brochures, and many more valuable tools to enhance your experience.

**SERVICE 99% OF IMPLANTS WITH THE HADER IMPLANT BUDDY**

Introducing the Implant Buddy, a revolutionary kit that simplifies dental prosthetic work. This compact and practical solution houses all the essential drivers needed to service 99% of implants from leading brands in the market. Its small size not only fits seamlessly into the dental chair, conserving valuable space, but also optimizes storage in the autoclave. A must-have for dentists and dental technicians, the Implant Buddy streamlines the placement and removal of prosthetic elements over implants, ensuring efficiency and precision in every procedure.



Short and long drivers for easier access.

Tapered driver tips for a stronger implant screw connection.

Colour-coded for quick visualisation.

Magnetic base to ensure that all components stay securely in place and compact size to maximize available working space.

The entire Implant Buddy can be sterilised.

## IMPLANT BUDDY KIT

### LENGTH OF DRIVERS

#### DENTAL

Short Drivers  
Total length 17mm  
Shaft length 6.5mm

Long Drivers  
Total length 24mm  
Shaft length 13.5mm

#### LAB

Short Drivers  
Total length 24mm  
Shaft length 16mm

Long Drivers  
Total length 40mm  
Shaft length 32mm

#### LATCH

Total length 24mm

	Implant Buddy Dental	1012046-1	Prosthetic Connections (long and short) included:
	Implant Buddy Dental with OMEGA	1012045	<ul style="list-style-type: none"> <li>- SCS Screwdriver – Straumann</li> <li>- Angled Access Driver</li> <li>- Unigrip Driver – Nobel Biocare</li> <li>- Hex 1.3mm – BioHorizons, Astra, Sweden &amp; Martina</li> <li>- Hex 1.25mm – Zimmer, Camlog</li> <li>- Hex 1.2mm – 3i Systems, Megagen, BTI</li> <li>- Hex 0.9mm – Friadent / Frialit / XiVE (Cover Screws)</li> </ul>
	Implant Buddy Lab	1012047-1	<p>Dental implant driver kit for laboratory use</p> <p>Prosthetic Connections (long and short) included:</p> <ul style="list-style-type: none"> <li>- Straight Driver – Straight Systems</li> <li>- SCS Screwdriver – Straumann</li> <li>- Angled Access Driver</li> <li>- Unigrip Driver – Nobel Biocare</li> <li>- Hex 1.3mm – BioHorizons, Astra, Sweden &amp; Martina</li> <li>- Hex 1.2mm – 3i Systems, Megagen, BTI</li> <li>- Hex 0.9mm – Friadent / Frialit / XiVE (Cover Screws)</li> </ul>
	Implant Buddy Latch	1012048-1	Latch-Type Dental Implant Driver Set
	Implant Buddy Latch with OMEGA	1012049	<p>Prosthetic Connections included:</p> <ul style="list-style-type: none"> <li>- Straight Driver – Straight Systems</li> <li>- SCS Screwdriver – Straumann</li> <li>- Angled Access Driver</li> <li>- Unigrip Driver – Nobel Biocare</li> <li>- Hex 1.3mm – BioHorizons, Astra, Sweden &amp; Martina</li> <li>- Hex 1.2mm – 3i Systems, Megagen, BTI</li> <li>- Hex 0.9mm – Friadent / Frialit / XiVE (Cover Screws)</li> <li>- Multi-Unit Driver</li> </ul>

## OMEGA

Combine with the OMEGA adjustable torque wrench for the safest and most accurate torque control



Adjustable torque - 15 Ncm to 50 Ncm  
Length: 94 mm

#### REFERENCE

1031003-1

## 01 | Instruments & Solutions

## IMPLANT BUDDY INDIVIDUAL COMPONENTS





### DRIVERS - SQUARE TYPE

	DRIVER	TOTAL LENGTH	REFERENCE	RECOMMENDED FOR
	Hex 0.9 mm	17 mm	1011022-1	Friadent / Frialit / XiVE Cover Screws
		24 mm	1011023-1	
		40 mm	1011024-1	
	Hex 1.2 mm	17 mm	1011025-1	Biomet 3i, Megagen and BTI implant systems
		24 mm	1011026-1	
		40 mm	1011027-1	
	Hex 1.25 mm	17 mm	1011042-1	Zimmer and Camlog implant systems
		24 mm	1011043-1	
		40 mm	1011049-1	
	Hex 1.3 mm	17 mm	1011028-1	BioHorizons, Astra Tech, and Sweden & Martina implant systems
		24 mm	1011029-1	
		40 mm	1011030-1	
	SCS	17 mm	1011036-1	Straumann implant systems
		24 mm	1011037-1	
		40 mm	1011038-1	
	Unigrip	17 mm	1011039-1	Nobel Biocare implant systems
		24 mm	1011040-1	
		40 mm	1011041-1	
	Straight	17 mm	1011048-1	Slotted screws
		24 mm	1011034-1	
		40 mm	1011035-1	
	Angled Screw Channel	17 mm	1011031-1	Angulated screw access systems
		24 mm	1011032-1	
		40 mm	1011033-1	
	Multi-Unit	20 mm	1011044-1	Multi-Unit abutments
	Hader CX Ball	21 mm	1041011-1	Hader CX ball abutments

## DRIVERS - LATCH TYPE

	DRIVER	TOTAL LENGTH	REFERENCE	RECOMMENDED FOR
	Hex 0.9 mm	17 mm	1011045-1	Friadent / Frialit / XiVE Cover Screws
		24 mm	1011016-1	
	Hex 1.2 mm	17 mm	1011017-1	Biomet 3i, Megagen and BTI implant systems
		24 mm	1011018-1	
	Hex 1.25 mm	17 mm	1011005-1	Zimmer and Camlog implant systems
		24 mm	1011006-1	
	Hex 1.3 mm	17 mm	1011046-1	BioHorizons, Astra Tech, and Sweden & Martina implant systems
		24 mm	1011020-1	
	SCS	17 mm	1011009-1	Straumann implant systems
		24 mm	1011010-1	
	Unigrip	17 mm	1011011-1	Nobel Biocare implant systems
		24 mm	1011012-1	
	Straight	17 mm	1011047-1	Slotted screws
		24 mm	1011019-1	
	Angled Screw Channel	17 mm	1011007-1	Angulated screw access systems
		24 mm	1011008-1	
	Multi-Unit	20 mm	1011021-1	Multi-Unit abutments
	Hader CX Ball	21 mm	1041005-1	Hader CX ball abutments

## ACCESORIES

	PART NAME	REFERENCE	DESCRIPTION
	Implant Driver Thumb Knob - Lab	1011002-1	Use with compatible drivers for easier insertion of the screw
	Implant Driver Thumb Knob - Dental	1011003-1	
	Latch to Square Driver Insert	1011004-1	To allow square-connection torque wrenches to utilize latch-style drivers
	Driver Blocker	1011001-1	Handle for square type driver. Laboratory use only.

## 01 | Instruments & Solutions

### MOOSER SYSTEM



Reamers



Posts for Dentists



Posts for Lab Use Only

#### KIT

Post M Kit  
1052003

1x Yellow reamer  
1x Blue reamer  
25x Yellow impression posts  
25x Blue impression posts  
25x Yellow laboratory posts  
25x Blue laboratory posts

### POSTS

#### INDIVIDUAL COMPONENTS

PART NAME	REFERENCE	MEASUREMENT
<b>REAMERS</b>		
Blue 1 PC	1051002-1	Tip Ø: 1 mm
Yellow 1 PC	1051003-1	Tip Ø: 0.8 mm
<b>POSTS FOR DENTISTS</b>		
Blue 50 PCS	1051009-50	Length: 16.9mm Tip Ø: 1 mm
Yellow 50 PCS	1051010-50	Length: 14.4mm Tip Ø: 0.8 mm
Blue / Yellow 50 + 50 PCS	1052002	
<b>POSTS FOR LAB USE ONLY</b>		
Blue 50 PCS	1051007-50	Length: 22.8 mm Tip Ø: 1 mm
Yellow 50 PCS	1051008-50	Length: 18.5mm Tip Ø: 0.8 mm
Blue / Yellow 50 + 50 PCS	1052001	

### CC SYSTEM

Posts for Lab Use Only



#### KITS

Post CC Kit A  
1052004

50x Yellow posts  
50x Red posts  
50x Blue posts  
50x Green posts

Post CC Kit B  
1052005

20x Yellow posts  
15x Red posts  
10x Blue posts  
5x Green posts

#### INDIVIDUAL COMPONENTS

PART NAME	REFERENCE	MEASUREMENT
<b>POSTS FOR LAB USE ONLY</b>		
Yellow A 50 PCS	1051011-50	Ø: 1.40 mm Tip Ø: 0.65 mm Length: 16.6 mm
Red B 50 PCS	1051012-50	Ø: 1.60 mm Tip Ø: 0.70 mm Length: 18.6 mm
Blue C 50 PCS	1051013-50	Ø: 1.80 mm Tip Ø: 0.75mm Length: 20 mm
Green D 50 PCS	1051014-50	Ø: 2.00 mm Tip Ø: 0.80 mm Length: 22.4 mm



## RET WIRE - (LAB USE ONLY)



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



### KIT

Kit Ret Wire  
1041001

Titanium anodized wire for incorporation into pre-drilled openings in denture teeth, providing retention in acrylic resin or composite.

Includes:

- 1 Wire holder
- 3 Twist drills
- 13 pieces of 80 mm long anodized wire

### INDIVIDUAL COMPONENTS

PART NAME	REFERENCE	DESCRIPTION
Refill Ret Wire 13 PCS	1041002-1	Long: 80 mm Ø 1.05 mm
Ret Wire Spare Drills 3 PCS	1041003-3	
Ret Wire Tool	1041012-1	

## WORKING AIDS

	PART NAME	REFERENCE	DESCRIPTION
	Stippling Mandrel (Lab Use Only)	1041004-1	<ul style="list-style-type: none"> <li>• 1/4 inch shaft to fit most standard lathe chucks.</li> <li>• The Stippler accepts four burs –either #2, #4, or #6</li> </ul>
	Bidra Conversion Smart Polishing Cap	1041006-1	For full arch implant conversions, the Bidra Conversion Smart Polishing Cap fully protects both the inside and outside of the metal coping, preventing damage to the coping during pickup, trimming, polishing and finishing the prosthesis.  Lab use only
	Bidra Conversion Smart Polishing Cap, Short	1041007-1	
	Wheel Burr 2 PCS	1041013-2	Wheel Burr. For lab use only
	Measuring Gauge	1041010-1	Sterilizable measuring gauge to determine the diameters of the most current ball attachments and abutments, as well as the bar dimensions. Facilitates the choice of the appropriate female. For lab use only.

## 01 | Instruments & Solutions

### SPECIALTIES

#### MULTI



Combine with **Multi Primer** for an optimal bonding.

**Multi Primer** also increases retention between acrylic and metal frames, attachments and orthodontic appliances.

**Multi Composite** (colourless) and **Multi Composite O** (opaque white) are chemically activated, self-hardening bonding materials for securely attaching zirconia structures to various restorations, including zirconia, stainless steel, non-stainless steel, and ceramics.

- Simple application process
- Excellent fluid consistency, air bubble free
- Auto-mixing tips
- Bis-GMA and TEGDMA free

PART NAME	REFERENCE	DESCRIPTION
Multi Composite (Colourless)	1041015-1	2x 4g 6x Automix tips
Multi Composite O (Opaque White)	1041018-1	2x 4g 6x Automix tips
Multi Primer	1041016-1	5ml
Mix Tips	1041017-20	20 PCS

#### 3-CP

REF- 1041019-1



Crystalline powder to improve light reflection and aesthetics avoiding yellow-green discolouration during the production of artificial teeth.

Store in a well-sealed package in a dry place.

20g  
Lab use only

#### LATEX-SEP

REF- 1041014-1



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

15ml  
Lab use only.

#### SITE B

REF- 1041020-1



Bonding composite for fixing TITANAX retention parts and other parts to be cemented.

2x 2g  
6 Automix Tips

#### HADER BOND

REF- 1041021-1



Hader Bond is an anaerobic adhesive designed to prevent gradual unthreading of prosthetic components. It allows for easy removal with the right tools and sets within three hours in the mouth.

5ml

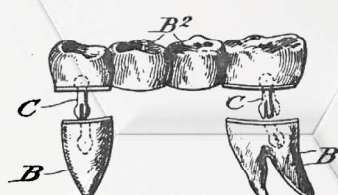


**60** YEARS  
ANNIVERSARY  
1963 - 2023

*More than  
60 years of  
continuous  
brand history*



*Fig. 1.*



## 02 | Attachments Systems



### MAJOR COMPATIBILITY AND GREATER AREA OF RETENTION

Its Ø2.25 mm design guarantees standard compatibility. Additionally, the female component engages all around the ball, providing an increased area of retention for the utmost stability.

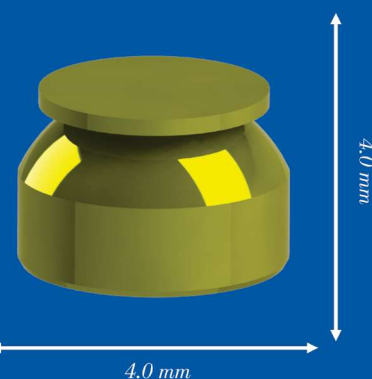
### SMART DESIGN

The four-segment design of the plastic insert is one of the stand-out features of Hader CX. It generates an audible click, reassuring users that their prosthesis is securely seated, offering them peace of mind.



### SMALL HOUSING

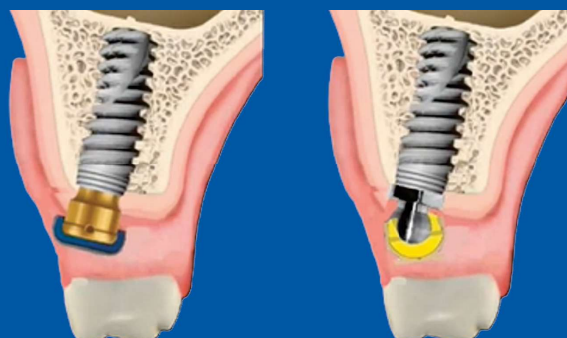
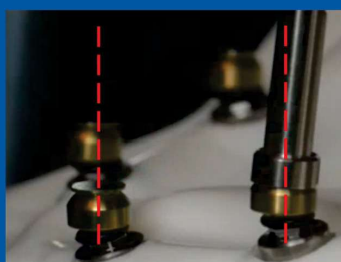
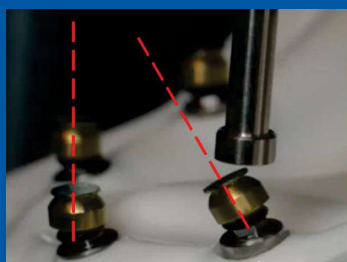
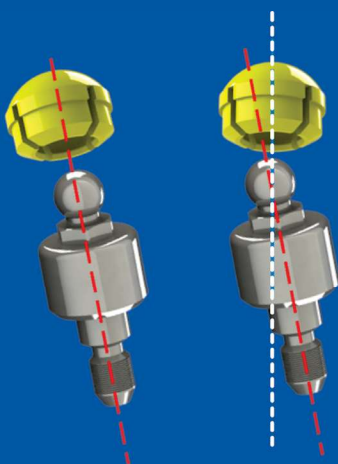
A metal housing of just 4.0 mm diameter. A small size that is ideal for cases of compromised bucco-lingual space.



### EASY PARALLELING

The round design of Hader CX, coupled with the convenient paralleling mandrel, enables easy parallelization of the females. This feature corrects divergences of up to 30° or up to 60° between two pillars with ease.

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



## HADER CX

### A GAME CHANGER IN DENTAL ATTACHMENTS

### THREE RETENTION LEVELS

Simplify maintenance with easy-to-replace plastic inserts, ensuring hassle-free upkeep. Choose from three retention options: yellow for standard, white for reduced, and red for increased retention. Hader CX allows customisation to suit the needs of every case.







## HADER CX INDIVIDUAL COMPONENTS

### FEMALE COMPONENTS

	<b>Hader CX Female Inserts</b>	
	3 retention levels: White (Reduced) Yellow (Standard) Red (Increased)	H: 2.65 mm Ø 3.55 mm
	<b>Yellow 30 PCS</b>	5011019-30
	<b>Yellow 6 PCS</b>	5011019-6
	<b>White 30 PCS</b>	5011020-30
	<b>White 6 PCS</b>	5011020-6
	<b>Red 30 PCS</b>	5011021-30
	<b>Red 6 PCS</b>	5011021-6
	<b>Combo Females 6 PCS</b>	5011002
	Set of 6 Hader CX female inserts. 2 yellow - 2 red - 2 white	
	<b>Hader CX Duplicating Female</b> Duplicating dummy for casting metal partial frames.	
	<b>30 PCS</b>	5011023-30
	<b>6 PCS</b>	5011023-6

		<b>Hader CX Metal Housing</b> Made in TITANAX for inclusion into acrylic resin. H: 2.65 mm - Ø 4 mm	
		<b>30 PCS</b>	5011022-30
		<b>6 PCS</b>	5011022-6
		<b>Hader Round Female Housing</b> Adjustable female for acrylic resin. Includes plastic ring. H: 2.8 mm - Ø 3 mm	
		<b>ORAX</b>	5011003-1
		<b>ORAX 20 PCS</b>	5011003-20
		<b>TITANAX</b>	5011005-1
		<b>TITANAX 20 PCS</b>	5011005-20

### MALE COMPONENTS



	<b>Hader CX Male Plastic Keeper Patterns</b>	
	Four angles (0°, 30°, 45°, and 60°) for axial and extracoronar structures. Lab use only.	
	<b>Hader Cemented Male Base</b>	
	Base in TITANAX with M2 threading for Hader CX males. H: 1.9 mm - Ø 2.3 mm	
	<b>Hader Threaded Base Ring</b> This Threaded Base Ring serves as a support for the Threaded Males. H 1.3 mm - Ø 3.4 mm - M2	
	<b>IRAX</b>	5011037-1
	<b>NOPRAX</b>	5011038-1
	<b>Hader CX TITANAX Male</b>	
	For cementation into a cast male keeper. Total H: 3.95 mm Ball H: 2.05 mm - Ø 2.25 mm	




		<b>Hader CX Threaded Male Ball</b> Removable spherical male in TITANAX for threading into a M2 base ring. Ø 2.25 mm - Hex: 0.9 mm»	
		<b>Standard</b> H: 2.8mm	5011010-1
		<b>Long</b> H: 3.1mm	5011011-1
		<b>Hader CX Castable Male</b> Spherical burn out male (2.25mm Ø) for incorporation into post copings and bars. Lab use only. H: 2.4mm Ball Ø 2.25mm - Base Ø 3.2mm	
		<b>1 PCS</b>	5011009-1
		<b>30 PCS</b>	5011009-30
		<b>Hader CX Green Castable Male Pattern</b> Male for casting of hard alloys. Total H: 3.95 mm Ball H: 2.05 mm - Ø 2.25 mm	
		<b>1 PCS</b>	5011027-1
		<b>30 PCS</b>	5011027-30










## 02 | Attachment Systems

### HADER CX POST

	<b>Hader CX Bur Set</b>	5011001
	Set of 3 burs for root canal preparation prior cementation of a Hader CX post.	
	<b>Hader CX Threaded Post</b>	
	Cementable post in TITANAX.	
	<b>Post only</b>	5011028-1
	<b>One piece ball &amp; post</b>	5011029-1



	<b>Hader CX Pre-Drilling Bur</b>	5011015-1
	Pre-Drilling Bur used for root canal preparation.	
	<b>Hader CX Cavity Bur</b>	5011016-1
	Cavity Bur to prepare the canal for the base of the 5011028 post.	
	<b>Hader CX Precision Reamer</b>	5011017-1
	Precision Reamer to calibrate the diameter for the 5011028 post.	

### HADER CX TOOLS

	<b>Hader CX Activating Tool</b>	5011012-1
	Used to tighten the Hader Round Female segments and increase retention.	
	<b>Hader CX Deactivating Tool</b>	5011013-1
	Used to spread the Hader Round Female segments and decrease retention.	
	<b>Hader CX Insertion Tool</b>	5011014-1
	Tool to insert the plastic females into the CX metal housing.	
	<b>Hader Round Model Analog</b>	5011008-2
	Analog for laboratory fitting of the prosthesis. 2 Analogs + 2 O-ring. H: 16 mm - Ø 2.25 mm	
	<b>Hader CX Implant Ball Analog</b>	5011030-1
	For indirect processing and relines. H: 9.5 mm - Ø 2.25 mm	
	<b>Hader Square-Type Driver 0.9mm</b>	5011040-1
	Screwdriver for screwing a threaded male into a threaded base.	
	<b>Hader CX Ball Abutment Driver</b>	
	<b>Latch Type</b>	1041005-1
	<b>Square Type</b>	1041011-1



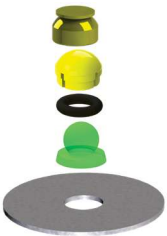




	<b>Hader O-Ring Space Maintainer</b>	5011024-6
	Elastic ring to keep space between male and female during processing.	
	<b>Hader Round Tin Spacer</b>	5011036-1
	0.4mm thick space maintainer to be used during indirect processing of post-copings. Lab use only.	
	<b>Hader CX Male Paralleling Mandrel</b>	5011034
	For CX males and plastic patterns.	
	<b>Hader CX Female Paralleling Mandrel</b>	5011035-1
	For CX Metal housings in cases of diverging males.	
	<b>Hader CX Cup Burr</b>	5011018-1
	Cutting tool for adjusting the shape of the Hader CX casted males. Lab use only.	
	<b>Hader CX Protection Cap 2 PCS</b>	5011039-2
	Cap for protecting the threaded base during the manufacture of the metal structure.	
	<b>M2 Female Impression Tool</b>	5011043-2
	Analogue for the 5011044 male impression tool 2 PCS + 2 Space Maintainers	
	<b>M2 Male Impression Tool</b>	5011044-2
	Male impression tool for the 5011028 Hader CX post. 2 PCS	

## HADER CX STARTER KITS









	DESCRIPTION
	<p>5013001 <b>Hader CX Dentists Starter Kit 001</b></p> <p>Starter kit for dentists. All of the major components and tools needed for a Hader CX post &amp; ball procedure.</p> <p>Includes:</p> <ul style="list-style-type: none"> <li>2x Hader CX 014</li> <li>1x CX bur set</li> <li>1x CX combo females</li> <li>1x CX insertion tool</li> <li>2x CX model analog + o-rings</li> </ul>
	<p>5013002 <b>Hader CX Dentists Starter Kit 002</b></p> <p>Starter kit for dentists. All of the major components and tools needed for a Hader CX post with removable ball procedure.</p> <p>Includes:</p> <ul style="list-style-type: none"> <li>2x Hader CX 012</li> <li>1x CX bur set</li> <li>1x CX combo females</li> <li>1x CX insertion tool</li> <li>2x CX female impression tool</li> <li>2x CX male impression tool</li> <li>1x CX screwdriver</li> </ul>
	<p>5013003 <b>Hader CX Lab Starter Kit 003</b></p> <p>Starter kit for lab.</p> <p>Includes:</p> <ul style="list-style-type: none"> <li>2x Hader CX 002</li> <li>1x CX male paralleling mandrel</li> <li>1x CX cup bur</li> <li>1x CX insertion tool</li> </ul>

## 02 | Attachment Systems

### HADER CX KITS

	DESCRIPTION		DESCRIPTION
	<p>5012001 <b>Hader CX Female Set</b></p> <p>Set of 2 Hader CX females, metal housings, and space maintainers, to be used on 2.25 ball males.</p> <p>2x CX yellow female 2x CX metal housing 2x CX plastic o-ring</p>		<p>5012006 <b>Hader CX 006</b></p> <p>"All-in-one" attachment that can be used for dentures, bridges and overdentures, with house in TITANAX.</p> <p>1x CX yellow female 1x CX metal housing 1x CX plastic o-ring 1x CX titan male 1x CX plastic keeper patterns</p>
	<p>5012002 <b>Hader CX 002</b></p> <p>Axial attachment with metal housing and plastic male for incorporation into post copings.</p> <p>1x CX castable male 1x CX yellow female 1x CX metal housing 1x CX plastic o-ring 1x CX tin spacer</p>		
	<p>5012003 <b>Hader CX 003</b></p> <p>Axial attachment with plastic male for incorporation into post copings and duplicating dummy.</p> <p>1x CX castable male 1x CX yellow female 1x CX duplicating dummy 1x CX plastic o-ring 1x CX tin spacer</p>		<p>5012007 <b>Hader CX 007</b></p> <p>"All-in-one" attachment that can be used for dentures, bridges and overdentures, with duplicating dummy for cast metal partial frames.</p> <p>1x CX yellow female 1x CX duplicating dummy 1x CX plastic o-ring 1x CX titan male 1x CX plastic keeper patterns</p>
	<p>5012005 <b>Hader CX 005</b></p> <p>Axial attachment with replaceable male and female components.</p> <p>1x CX threaded male 1x CX yellow female 1x CX metal housing 1x CX plastic o-ring 1x CX tin spacer 1x CX threaded base ring</p>		<p>5012008 <b>Hader CX 008</b></p> <p>Hader CX for removable partial denture and overdenture constructions, with bondable TITANAX insert, threaded male and housing in TITANAX for incorporation into acrylic resin.</p> <p>1x CX yellow female 1x CX metal housing 1x CX plastic o-ring 1x CX threaded male 1x CX plastic keeper patterns 1x CX cemented male base</p>

## HADER CX KITS

	DESCRIPTION		DESCRIPTION
	<b>5012009</b> <b>Hader CX 009</b> <p>Hader CX for removable partial denture and overdenture constructions, with bondable TITANAX insert, threaded male and female duplicating dummy for cast metal partial dentures.</p> <p>1x CX yellow female 1x CX duplicating dummy 1x CX plastic o-ring 1x CX threaded male 1x CX plastic keeper patterns 1x CX cemented male base</p>		<b>5012013</b> <b>Hader CX 013</b> <p>Hader CX threaded post and ball complete with duplicating dummy.</p> <p>1x CX yellow female 1x CX duplicating dummy 1x CX plastic o-ring 1x CX threaded male 1x CX post only 1x CX tin spacer</p>
	<b>5012010</b> <b>Hader CX 010</b> <p>"All-in-one" attachment that can be used for dentures, bridges and overdentures, with house in TITANAX and castable plastic male.</p> <p>1x CX yellow female 1x CX metal housing 1x CX plastic o-ring 1x CX green castable male 1x CX plastic keeper patterns</p>		<b>5012014</b> <b>Hader CX 014</b> <p>Hader CX one piece ball &amp; post.</p> <p>1x CX yellow female 1x CX metal housing 1x CX plastic o-ring 1x CX post &amp; ball 1x CX tin spacer</p>
	<b>5012011</b> <b>Hader CX 011</b> <p>"All-in-one" attachment that can be used for dentures, bridges and overdentures, with duplicating dummy for cast metal partial frames and castable plastic male.</p> <p>1x CX yellow female 1x CX duplicating dummy 1x CX plastic o-ring 1x CX green castable male 1x CX plastic keeper patterns</p>		<b>5012015</b> <b>Hader CX 015</b> <p>Hader CX one piece ball &amp; post with duplicating dummy.</p> <p>1x CX yellow female 1x CX duplicating dummy 1x CX plastic o-ring 1x CX post &amp; ball 1x CX tin spacer</p>
	<b>5012012</b> <b>Hader CX 012</b> <p>Hader CX threaded post and ball complete.</p> <p>1x CX yellow female 1x CX metal housing 1x CX plastic o-ring 1x CX threaded male 1x CX post only 1x CX tin spacer</p>		<b>5012022</b> <b>Hader CX 022</b> <p>Attachment kit with Hader round female in TITANAX and castable male.</p> <p>1x CX round female TITANAX w/ plastic ring 1x CX round castable male 1x CX round tin spacer</p>

## 02 | Attachment Systems

### HADER CX CAD-CAM KITS



# CAD CAM

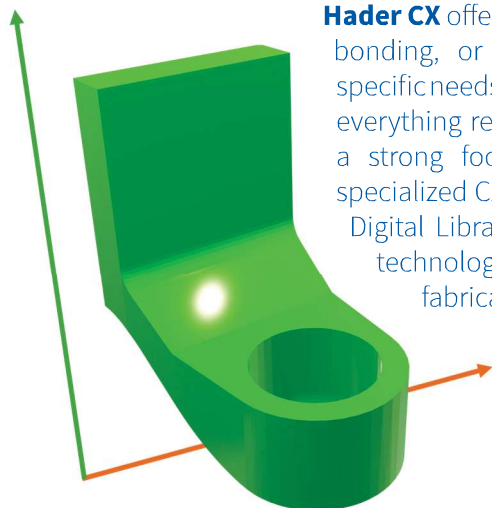
Kits carefully designed for CAD-CAM users.

	DESCRIPTION		DESCRIPTION
	<p>5012016 <b>Hader CX 016 CAD-CAM</b></p> <p>Attachment kit with threadable male for axial, extracoronar and bar constructions, for CAD-CAM design.</p> <p>1x CX yellow female 1x CX metal housing 1x CX plastic o-ring 1x CX threaded male 1x CX tin spacer</p>		<p>5012019 <b>Hader CX 019 CAD-CAM</b></p> <p>Attachment kit with threadable male and base for cementation, for axial, extracoronar and bar constructions, for CAD-CAM design.</p> <p>1x CX yellow female 1x CX metal housing 1x CX plastic o-ring 1x CX threaded male 1x CX cemented male base</p>
	<p>5012017 <b>Hader CX 017 CAD-CAM</b></p> <p>Attachment kit with cementable male for extracoronar and bar constructions, for CAD-CAM design.</p> <p>1x CX yellow female 1x CX metal housing 1x CX plastic o-ring 1x CX titan male</p>		
	<p>5012018 <b>Hader CX 018 CAD-CAM</b></p> <p>Attachment kit with cementable male and duplicating dummy for extracoronar and bar constructions, for CAD-CAM design.</p> <p>1x CX yellow female 1x CX duplicating dummy 1x CX plastic o-ring 1x CX titan male</p>		<p>5012020 <b>Hader CX 020 CAD-CAM</b></p> <p>Attachment kit with threadable male, base for cementation and duplicating dummy, for axial, extracoronar and bar constructions, for CAD-CAM design.</p> <p>1x CX yellow female 1x CX duplicating dummy 1x CX plastic o-ring 1x CX threaded male 1x CX cemented male base</p>

**Hader CX** is your go-to solution, covering all bases. It's not just for implants - it works wonders as an extracoronary element, alongside bars, and even on endodontically treated roots. Versatile and dependable, it's the answer for every case, no matter the challenge.



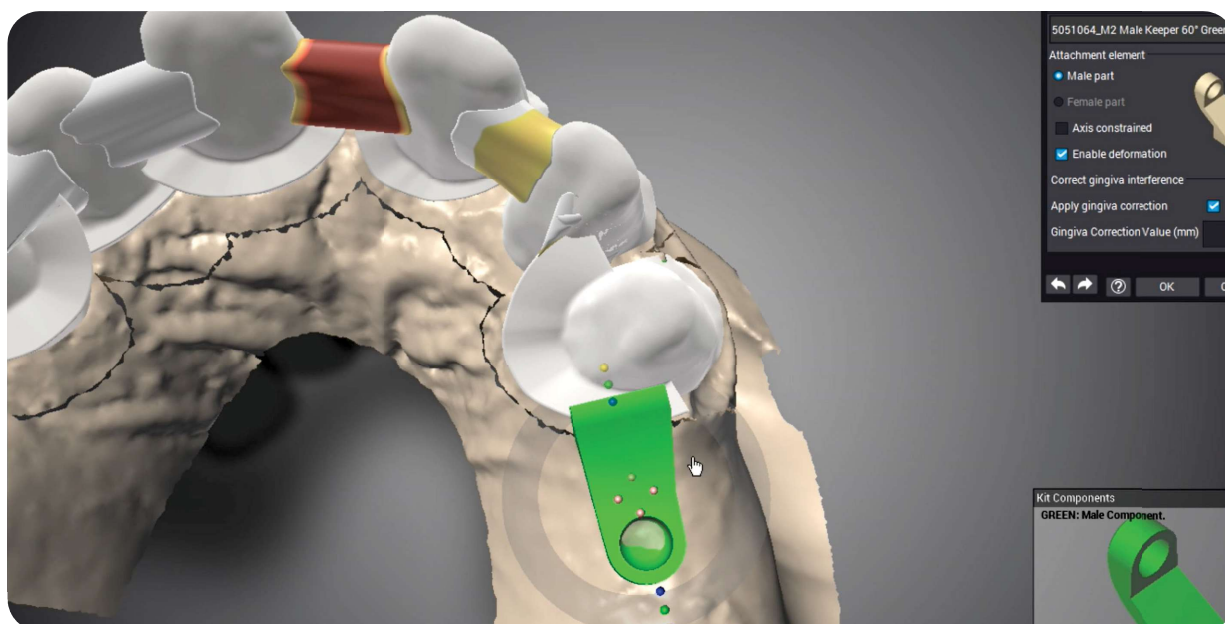
# CAD CAM



**Hader CX** offers a range of males for threading, bonding, or casting, tailored to suit your specific needs. Our expertly crafted kits provide everything required for each procedure. With a strong focus on digital innovation, our specialized CAD-CAM kits and comprehensive Digital Library equip you with cutting-edge technology, streamlining the design and fabrication of precise restorations like never before.



It's time to unlock the full potential of digital dentistry with the **Hader Digital Library**. Visit our website [www.hader.eu](http://www.hader.eu), or **scan the QR code** to download the Digital Library today, and take your dental practice to new heights.



Explore our website at [www.hader.eu](http://www.hader.eu) to access a wealth of resources, including user guides, inspiring design videos, brochures, and many more valuable tools to enhance your experience. Dive into a world of innovation and excellence today!

## 02 | Attachments Systems

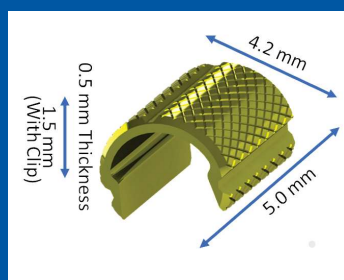
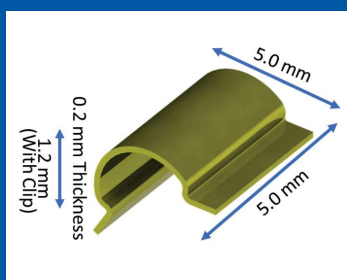
### FOR BARS AND EXTRACORONAL CONSTRUCTIONS

Hader VX is a top choice for bar-supported overdentures and is the most popular dental attachment of its kind. With more than 40 years of use around the world, it's clear that dentists and dental technicians trust and appreciate this attachment. Its versatility shines through, as it can also be used as an extracoronar attachment, offering both reliable security and attractive results.



### TWO HOUSINGS

The original housing is ultra-thin, measuring just 0.2mm thick, making it an excellent choice for cases where space is limited. For even more precision, the alignment housing, which is slightly smaller at 4.2mm wide, features a parallel groove on the top. This groove is specifically designed to ensure accurate parallel alignment before processing, helping to achieve a precise fit and optimal results everytime.



### AESTHETIC SOLUTION

Hader VX offers beautiful aesthetic results when used as an extracoronar attachment, thanks to its compact size. This allows the male component to be placed very close to the abutment teeth, with the first denture teeth easily covering the attachments, enhancing the overall appearance, and providing a natural look for the patient.

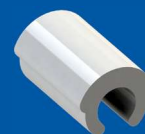


## HADER VX

### THE MOST POPULAR BAR SYSTEM IN THE WORLD

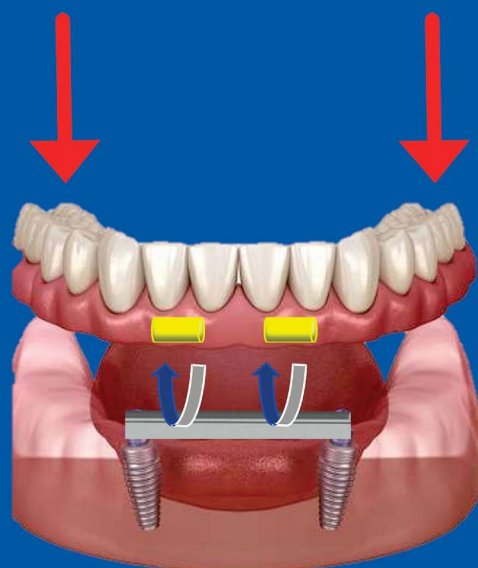
### THREE RETENTION LEVELS

Simple maintenance with user-friendly plastic inserts, designed for easy replacement with the yellow and red insertion tools. Choose from three retention levels: yellow for standard, white for reduced, and red for increased retention, allowing Hader VX to be tailored precisely to meet the unique demands of any case.



### 20° ROTATION

Hader VX allows for natural rotational movement of up to 20° at the bar level, which is crucial for compensating for the compression of soft tissue during chewing. This design feature helps to distribute forces evenly, reducing harmful stress on the supporting pillars. By accommodating the natural movement and compression of the gums, the Hader VX not only enhances patient comfort but also extends the longevity of the dental restoration by minimizing the risk of damage caused by excessive loading.



# HADER VX INDIVIDUAL COMPONENTS

## FEMALE COMPONENTS

Hader VX Female Inserts		
	3 retention levels: White (Reduced) Yellow (Standard) Red (Increased)	H: 2.7 mm Ø 1.7 mm L: 5 mm
	Yellow 30 PCS	5021010-30
	Yellow 6 PCS	5021010-6
	White 30 PCS	5021011-30
	White 6 PCS	5021011-6
	Red 30 PCS	5021012-30
	Red 6 PCS	5021012-6
	Combo Females 6 PCS	5021020
	Set of 6 Hader VX female inserts. 2 yellow - 2 red - 2 white	
	Combo Females 50 PCS	5021022
	Set of 50 Hader VX female inserts. 25 yellow - 15 red - 10 white	

Hader VX Traditional Metal Housing		
	Thin housing in stainless steel for inclusion in acrylic resin.	
	W: 5.0 mm - H (with Clip): 1.2 mm Thickness: 0.2 mm	
	30 PCS	5021004-30
	6 PCS	5021004-6
Hader VX Alignment Metal Housing		
	The parallel grooves on the top of the alignment housings provide an easy way to assure clips have not rotated prior to processing and assure a parallel path of insertion/draw.	
	W: 4.2 mm - H (with Clip): 1.5 mm	
	30 PCS	5021005-30
	6 PCS	5021005-6

## CASTABLE ELEMENTS

	Hader VX Vertical Bar	
	Male with 45° inclination. H: 5.9 mm (may be reduced up to 3 mm) - Ø: 1.8 mm - Lab use only.	
	With Mandrel 30 PCS	5021008-30
	With Mandrel 6 PCS	5021008-6
	With Extension 30 PCS	5021009-30
	With Extension 6 PCS	5021009-6
	Hader VX Vertical Cast Element	
	Lost wax plastic housing for casting, Lab use only. H: 7 mm - L: 12 mm - Ø 3.3 mm	
	30 PCS	5021013-30
	6 PCS	5021013-6

	Hader VX Plastic Bar	
	Plastic Bar model for the manufacturing of the metal structure.	
	Lab use only.	
	L: 50 mm - Ø: 1.8 mm H: 8.25mm (large) 4.00 mm (standard) It may be reduced to 3.0 mm	
	Large 30 PCS	5021002-30
	Large 6 PCS	5021002-6
	Standard 30 PCS	5021003-30
	Standard 6 PCS	5021003-6

## 02 | Attachment Systems

### HADER VX INDIVIDUAL COMPONENTS

#### HADER VX TOOLS

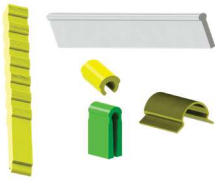

	<b>Hader Green Processing Spacers</b> The tail of the spacer is as wide as the widest part of the Hader clip. This makes it simple to put in and take out the clip. Additionally, it creates a wide tunnel, which prevents any harm to the clip when inserting or removing the prosthesis. L: 5 mm - Lab use only	
	30 PCS	5021001-30
	6 PCS	5021001-6
	<b>Hader VX Vertical Paralleling Mandrel</b> 5021006-1 Adjustable paralleling mandrel for the vertical VX bar. Lab use only	
	<b>Hader VX Bar Paralleling Mandrel</b> 5021007-1 Used to position the Plastic Bar Structure on the model in the laboratory. Ideal for paralleling multiple sections of bars Lab use only	
	<b>Hader VX Guide Vertical</b> Plastic mandrel for the VX vertical bar. L: 26 mm	
	1 PCS	5021016-1
	30 PCS	5021016-30
	<b>Hader VX Insertion Tool - Yellow</b> Used to insert plastic females in dentures over bars. L: 47.2 mm	
	1 PCS	5021014-1
	<b>Hader VX Insertion Tool - Red</b> 5021015-1 Used to insert a Hader VX plastic female when attached on the side of the teeth. L: 43.4 mm	
	<b>Hader VX Analog Vertical 2 PCS</b> 5021017-2 Brass analog male part for repairing of models or for elaboration of a new prosthesis. L: 9 mm - H: 4 mm Lab use only	
	<b>Hader White Delrin Analog Bar 2 PCS</b> 5021019-2 Non-adhering analog for the working model. Used for repairs, relines, or duplicating. H: 8.22 mm - L: 49.3 mm Lab use only	
	<b>Hader Aluminium Analog</b> 5021018-1 Analog for processing relines, remakes, and new cases. H: 12.7 mm - L: 50 mm Lab use only	

## HADER VX KITS

	DESCRIPTION		DESCRIPTION
	<p>5022001 <b>Hader VX S Kit</b></p> <p>2x VX plastic bar short 6x VX yellow female 6x VX processing spacers 1x VX yellow insertion tool</p>		<p>5022005 <b>Hader VX Extracoronar Slide Kit A</b></p> <p>Kit for extracoronar slide attachments.</p> <p>6x VX yellow female 6x VX vertical bar with extension 1x VX red insertion tool</p>
	<p>5022002 <b>Hader VX C Kit</b></p> <p>2x VX plastic bar short 2x VX yellow female 2x VX processing spacers 1x VX yellow insertion tool 2x VX traditional metal housing</p>		<p>5022008 <b>Hader VX Extracoronar Slide Kit B</b></p> <p>Kit for extracoronar slide attachment.</p> <p>6x VX yellow female 6x VX vertical bar 1x VX red insertion tool 1x VX guide vertical</p>
	<p>5022010 <b>Hader VX C Alignment Kit</b></p> <p>2x VX plastic bar short 2x VX yellow female 2x VX processing spacers 1x VX yellow insertion tool 2x VX alignment metal housing</p>		<p>5022009 <b>Hader VX Extracoronar Slide Kit C</b></p> <p>Kit for extracoronar slide attachment.</p> <p>1x VX combo females 6 PCS 2x VX vertical bar 2x VX vertical cast element 1x VX red insertion tool 1x VX guide vertical</p>

## 02 | Attachment Systems

### HADER VX KITS

	DESCRIPTION		DESCRIPTION
	<b>Hader VX Service Kit</b>  Hader VX service kit with replaceable male and female components.  1x white delrin analog bar 2x VX female inserts 2x VX processing spacers 1x VX yellow insertion tool 2x VX traditional metal housing  <b>With Yellow Inserts</b> 5022004 <b>With Red Inserts</b> 5022013 <b>With White Inserts</b> 5022014		<b>Hader VX Service Alignment Kit</b>  Hader VX service kit with replaceable male and female components.  1x white delrin analog bar 2x VX female inserts 2x VX processing spacers 1x VX insertion tool 2x VX alignment metal housing  <b>With Yellow Inserts</b> 5022011 <b>With Red Inserts</b> 5022015 <b>With White Inserts</b> 5022016



# CAD CAM

Kits carefully designed for CAD-CAM users.

	DESCRIPTION		DESCRIPTION
	5022006 <b>Hader VX C Kit CAD-CAM</b>  Ideal kit for CAD-CAM designers. It includes all finishing parts for a Hader VX bar construction.  2x VX yellow female 2x VX processing spacers 1x VX yellow insertion tool 2x VX traditional metal housing		5022012 <b>Hader VX C Alignment Kit CAD-CAM</b>  Kit for CAD-CAM designers. Includes all finishing parts for a Hader VX bar construction.  2x VX yellow female 2x VX processing spacers 1x VX yellow insertion tool 2x VX alignment metal housing
	5022007 <b>Hader VX EC Kit A CAD-CAM</b>  Hader VX Extracoronar Kit CAD-Cam Ideal kit for CAD-CAM designers. It includes:  6x VX yellow female 1x VX red insertion tool		5022017 <b>Hader VX EC Kit C CAD-CAM</b>  Ideal kit for CAD-CAM designers. It includes:  1x VX combo females 6 PCS 2x VX vertical cast element 1x VX red insertion tool

**Hader VX:** A Legacy of Versatility, Security, and Unmatched Value. Hader VX has become the world's most popular and versatile bar attachment, earning its place through decades of clinical success. Trusted by dental professionals everywhere, Hader VX excels in delivering patient satisfaction and security. It provides superior retention for prostheses, giving patients unwavering confidence in their dental solutions.

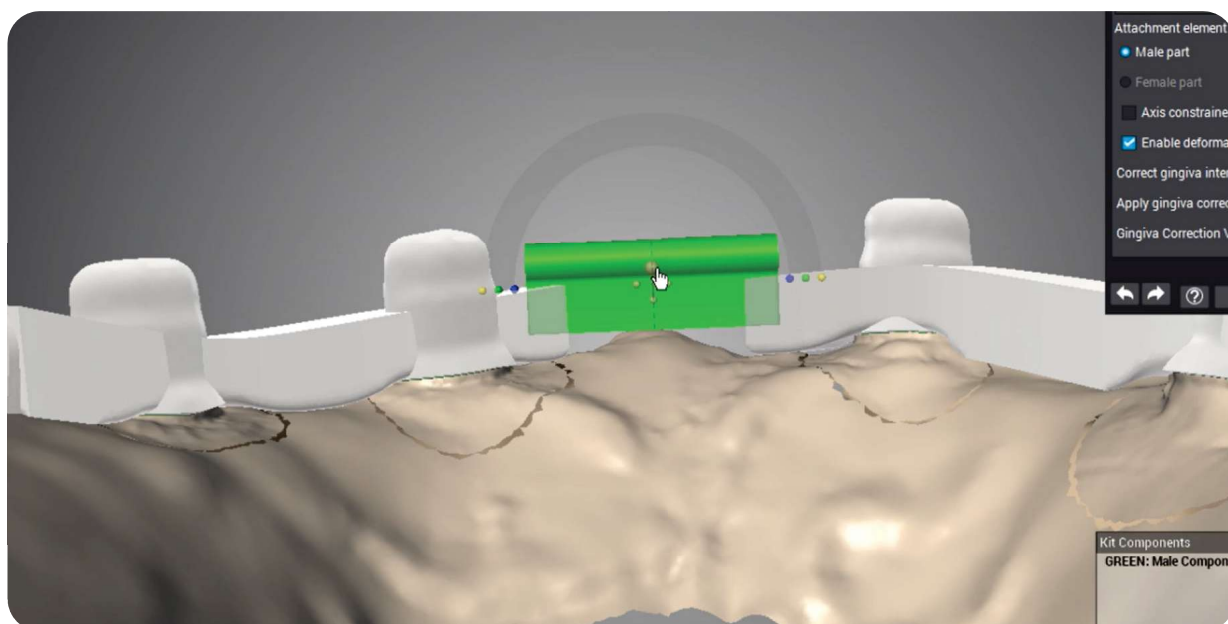


The **Hader VX** System allows dental professionals to craft prostheses over a bar or use it as an extracoronary attachment, providing exceptional flexibility in treatment options. We offer thoughtfully designed kits that include all the necessary components for each procedure, whether you're working with traditional manufacturing methods or utilizing advanced CAD/CAM systems.



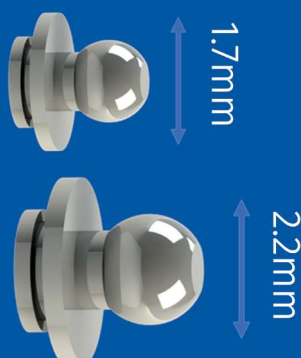
# CAD CAM

It's time to unlock the full potential of digital dentistry with the **Hader Digital Library**. Visit our website [www.hader.eu](http://www.hader.eu), or **scan the QR code** to download the Digital Library today, and take your dental practice to new heights.



Explore our website at [www.hader.eu](http://www.hader.eu) to access a wealth of resources, including user guides, inspiring design videos, brochures, and many more valuable tools to enhance your experience. Dive into a world of innovation and excellence today!

## 02 | Attachments Systems



### COMPACT DESIGN

Hader SX features two ultra-small male sizes, offering a standard option of 2.2mm and an extra-small alternative of only 1.7mm. Its compact design ensures seamless integration into prosthetic restorations while maintaining optimal retention and aesthetics.

### VERSATILITY

Hader SX offers exceptional versatility, making it suitable for use as both an extracoronal attachment and in bar constructions. With a range of prefabricated components for casting, cast-on, and threading, it allows dental professionals to select the most adaptable configuration for each case, ensuring a precise fit and long-lasting performance.



### SMALL HOUSING

The female component requires minimal space, offering two options: use the prefabricated housing, available in standard and extra-small sizes, or create the space directly in the metal frame with our duplicating dummy. This second option ensures the smallest footprint in the denture, requiring only Ø 4.2mm for the standard version and Ø 3.1mm for the extra-small version, while maintaining great retention.



## HADER SX

### THE SOLUTION FOR COMPROMISED SPACE

### THREE RETENTION LEVELS

Hader SX ensures easy maintenance with user-friendly replaceable inserts. It features three retention levels: yellow for standard, white for reduced, and red for increased retention. It provides a tailored solution for each case while ensuring long-term stability and reliability.



### AESTHETIC EXCELLENCE

Designed to provide the most aesthetic solution, Hader SX remains discreet while delivering exceptional retention. Whether used as an extracoronal attachment or for bar constructions, it ensures seamless integration with the prosthesis, enhancing the final result.



# HADER SX INDIVIDUAL COMPONENTS

## FEMALE COMPONENTS



### Hader SX Female Inserts

3 retention levels: White (Reduced) Yellow (Standard) Red (Increased)	SX 1.7 H: 3.1 mm Ø: 3.1 mm
	SX 2.2 H: 4.1 mm Ø: 4.2 mm
1.7 Yellow 30 PCS	5031004-30
1.7 Yellow 6 PCS	5031004-6
2.2 Yellow 30 PCS	5031013-30
2.2 Yellow 6 PCS	5031013-6
1.7 White 30 PCS	5031005-30
1.7 White 6 PCS	5031005-6
2.2 White 30 PCS	5031014-30
2.2 White 6 PCS	5031014-6
1.7 Red 30 PCS	5031006-30
1.7 Red 6 PCS	5031006-6
2.2 Red 30 PCS	5031015-30
2.2 Red 6 PCS	5031015-6
1.7 Combo Females 6 PCS	5031001
Set of 6 Hader SX 1.7 female inserts. 2 yellow, 2 red, 2 white	
2.2 Combo Females 6 PCS	5031002
Set of 6 Hader SX 2.2 female inserts. 2 yellow, 2 red, 2 white	



### Hader SX Metal Housing

SX 1.7  
H: 3.3 mm - W: 3.8 mm - L: 9.1 mm

SX 2.2  
H: 4.5 mm - W: 4.9 mm - L: 9.5 mm

1.7 - 2 PCS	5031011-2
1.7 - 20 PCS	5031011-20
2.2 - 2 PCS	5031021-2
2.2 - 20 PCS	5031021-20



### Hader SX Female Duplicate Dummy

Used to make the housing imprint.

SX 1.7  
H: 3.1 mm - Internal Ø 1.75 mm

SX 2.2  
H: 4.1 mm - Internal Ø 2.35 mm

1.7 - 30 PCS	5031007-30
1.7 - 6 PCS	5031007-6
2.2 - 30 PCS	5031016-30
2.2 - 6 PCS	5031016-6

## 02 | Attachment Systems

### HADER SX INDIVIDUAL COMPONENTS

#### MALE COMPONENTS

	<b>Hader SX Plastic Castable Male</b> Plastic rounded male for casting in a hard alloy. Lab use only.	
	SX 1.7: Base: 3 x 3 mm H: 2.6 mm - Ball Ø: 1.7 mm	
	SX 2.2: Base: 4 x 4 mm H: 3.2 mm - Ball Ø: 2.2 mm	
	1.7 - 30 PCS	5031008-30
	1.7 - 6 PCS	5031008-6
	2.2 - 30 PCS	5031017-30
	2.2 - 6 PCS	5031017-6
	<b>Hader Threaded Base Ring</b> This threaded base ring serves as a support for the threaded males. H 1.3 mm - Ø 3.4 mm - M2	
	<b>Hader SX Cast Male NOPRAX</b> NOPRAX male for cast-on technique with non-precious alloys.	
	SX 1.7: Ball Ø: 1.7 mm  SX 2.2: Ball Ø: 2.2 mm	
	1.7 - 2 PCS	5031009-2
	1.7 - 20 PCS	5031009-20
	2.2 - 2 PCS	5031018-2
	2.2 - 20 PCS	5031018-20
	<b>Hader SX 2.2 NOPRAX Threaded Male</b>  NOPRAX standard male 2.2 mm Ø with M2 threading and 0.9 mm internal hex. Use the 5011041 screw-driver.	5031019-1
	<b>Hader SX Universal Threaded Ball 2.2</b>  M2 - Ø 3.6 mm - H: 4.2 mm	5031023-1

#### HADER SX TOOLS

	<b>Hader SX Universal Parallel Mandrel</b>	5031003-1		<b>Hader Square-Type Driver 0.9mm</b>	5011040-1
	Universal paralleling mandrel for the Hader SX males.			Screwdriver for screwing a threaded male into a threaded base	
	<b>Hader SX Insertion Tool</b>	5031010-1		<b>Hader SX Analog</b> Analog for laboratory fitting of the prosthesis.	
	Universal insertion tool for the Hader SX females Ø 1.7 mm and 2.2 mm.			<b>1.7 - 2 PCS</b>	5031012-2
				<b>2.2 - 2 PCS</b>	5031022-2

## HADER SX STARTER KITS

	DESCRIPTION
 <p>The image shows the components of the Hader SX Starter Kit Plastic Male. It includes two blue male inserts, two yellow female inserts, two white female inserts, two pink female inserts, and two red female inserts. There are also two black universal paralleling mandrels and one black universal insertion tool.</p>	<p>5033001 <b>Hader SX Starter Kit Plastic Male</b></p> <p>Starter kit with all the tools and female inserts in all colours, for both sizes 1.7 and 2.2. Cast the males in any hard dental alloy.</p> <p>Includes:</p> <ul style="list-style-type: none"> <li>2x SX castable plastic males 1.7</li> <li>2x SX castable plastic males 2.2</li> <li>2x SX yellow females normal retention 1.7</li> <li>2x SX yellow females normal retention 2.2</li> <li>2x SX white females reduced retention 1.7</li> <li>2x SX white females reduced retention 2.2</li> <li>2x SX red females increased retention 1.7</li> <li>2x SX red females increased retention 2.2</li> <li>2x SX duplicating dummies 1.7</li> <li>2x SX duplicating dummies 2.2</li> <li>1x SX universal paralleling mandrel</li> <li>1x SX universal insertion tool</li> </ul>
 <p>The image shows the components of the Hader SX Starter Kit Cast-to Metal Male. It includes two grey cast-on NOPRAX males, two yellow female inserts, two white female inserts, two pink female inserts, and two red female inserts. There are also two black universal paralleling mandrels and one black universal insertion tool.</p>	<p>5033002 <b>Hader SX Starter Kit Cast-to Metal Male</b></p> <p>Starter kit with all the tools and female inserts in all colours, for both sizes 1.7 and 2.2 with cast-on NOPRAX males. Cast-on technique for non-precious alloys.</p> <p>Includes:</p> <ul style="list-style-type: none"> <li>2x SX cast-on NOPRAX males 1.7</li> <li>2x SX cast-on NOPRAX males 2.2</li> <li>2x SX yellow females normal retention 1.7</li> <li>2x SX yellow females normal retention 2.2</li> <li>2x SX white females reduced retention 1.7</li> <li>2x SX white females reduced retention 2.2</li> <li>2x SX red females increased retention 1.7</li> <li>2x SX red females increased retention 2.2</li> <li>2x SX duplicating dummies 1.7</li> <li>2x SX duplicating dummies 2.2</li> <li>1x SX universal paralleling mandrel</li> <li>1x SX universal insertion tool</li> </ul>

## 02 | Attachment Systems

### HADER SX KITS

	DESCRIPTION
	<b>Hader SX Complete Plastic w/Housing</b>  1x SX castable plastic male 1x SX yellow plastic female 1x SX white plastic female 1x SX red plastic female 1x SX duplicating dummy 1x SX titanium metal housing
	1.7 5032001
	2.2 5032003
	<b>Hader SX Complete Metal w/Housing</b>  1x SX cast-on NOPRAX male 1x SX yellow plastic female 1x SX white plastic female 1x SX red plastic female 1x SX duplicating dummy 1x SX titanium metal housing
	1.7 5032005
	2.2 5032007

	DESCRIPTION
	<b>Hader SX Complete Plastic</b>  1x SX castable plastic male 1x SX yellow plastic female 1x SX white plastic female 1x SX red plastic female 1x SX duplicating dummy
	1.7 5032002
	2.2 5032004
	<b>Hader SX Complete Metal</b>  1x SX cast-on NOPRAX male 1x SX yellow plastic female 1x SX white plastic female 1x SX red plastic female 1x SX duplicating dummy
	1.7 5032006
	2.2 5032008



Kits carefully designed for CAD-CAM users.

	DESCRIPTION
	5032012 <b>Hader SX 2.2 Complete CAD-CAM</b>  Ideal for CAD-CAM users. Includes:  1x SX yellow plastic female 1x SX white plastic female 1x SX red plastic female 1x SX duplicating dummy

	DESCRIPTION
	5032011 <b>Hader SX 2.2 Complete w/Housing CAD-CAM</b>  Ideal for CAD-CAM users. Includes:  1x SX yellow plastic female 1x SX white plastic female 1x SX red plastic female 1x SX duplicating dummy 1x SX titanium metal housing

**Hader SX** Combine precision, versatility, and CAD-CAM integration. Designed for compromised spaces, it features ultra-small male sizes while maintaining optimal retention and aesthetics. With its advanced digital adaptability, **Hader SX** ensures smooth integration into modern CAD workflows, allowing for effortless design and fabrication in both extracoronary applications and bar constructions.

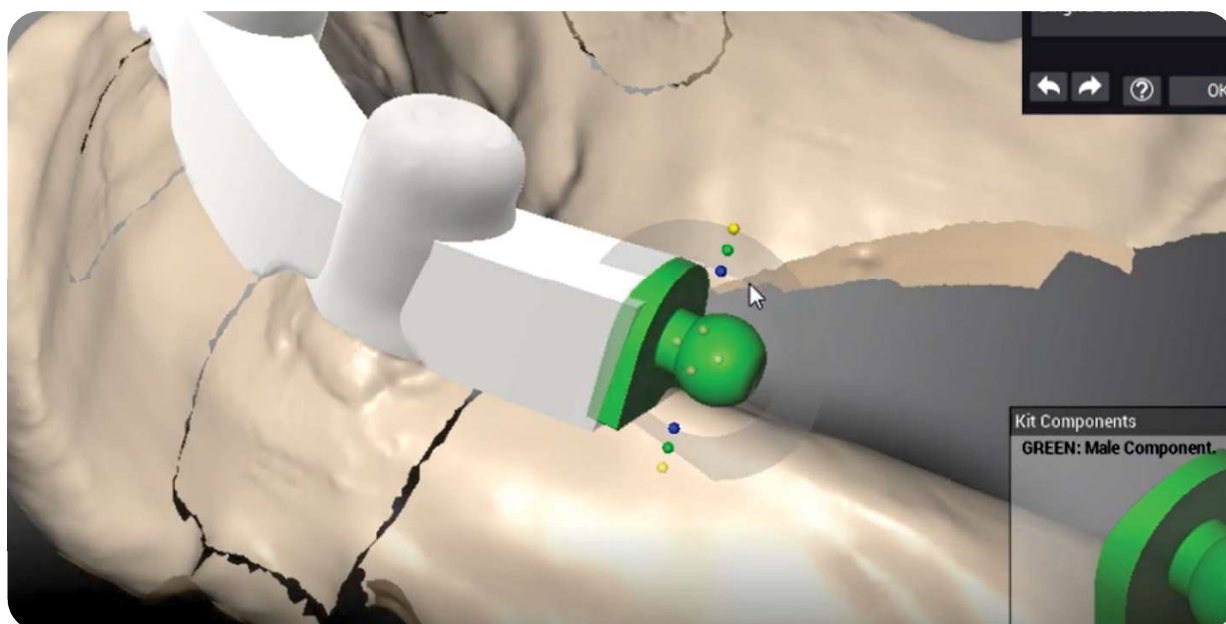


With carefully designed CAD-CAM kits and a Digital Library offering high-quality digital files, **Hader SX** is ideal for digital workflows, ensuring efficiency and accuracy in design. It provides a seamless solution for digital manufacturing, streamlining production and guaranteeing precision-fit restorations. **Hader SX** represents the next generation of attachment solutions.



# CAD CAM

It's time to unlock the full potential of digital dentistry with the **Hader Digital Library**. Visit our website [www.hader.eu](http://www.hader.eu), or **scan the QR code** to download the Digital Library today, and take your dental practice to new heights.

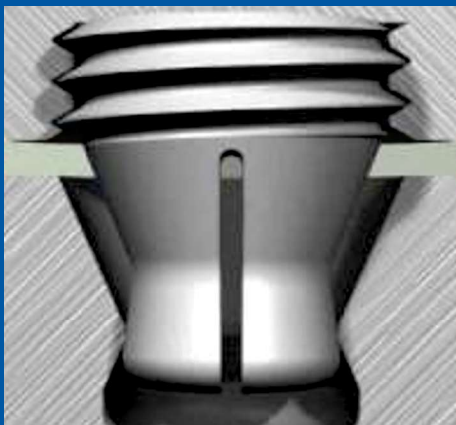


Explore our website at [www.hader.eu](http://www.hader.eu) to access a wealth of resources, including user guides, inspiring design videos, brochures, and many more valuable tools to enhance your experience. Dive into a world of innovation and excellence today!

## 02 | Attachments Systems

### SMART FUNCTIONAL DESIGN

Hader RX features a smart design that allows for immunity to resilience during function. Whether during mastication or daily wear, its vertical and hinge movement ensures consistent stability while preventing unwanted forces from affecting the prosthesis and the surrounding tissues. Additionally, the spring pin mechanism produces a distinct “click” when it snaps into the conical female, providing the patient with clear confirmation that the prosthesis is securely seated. This smart engineering results in a comfortable, reliable, and long-lasting restoration.



### VERSATILITY

Hader RX is one of the most adaptable attachment systems, suitable for full and partial dentures, as well as for use in extracoronary applications, over bars, and post-copings. It provides multiple manufacturing options, allowing dental professionals to choose from pre-fabricated components for bonding, acrylic retention, or soldering, depending on the case requirements.

### EASY MAINTENANCE

The threadable male components make maintenance and replacement incredibly easy. Retention doesn't always require replacing the male, it can be re-adjusted using the activating tool and retention adjustment accessory, extending the lifespan of the attachment. This ensures simplicity, efficiency, and precision, reducing the need for frequent replacements.



## HADER RX

### IMMUNITY TO RESILIENCE AND EASY MAINTENANCE

### MULTIPLE SIZE OPTIONS

Hader RX is available in two main spring pin diameters (2mm and 3mm), with additional oversized options to accommodate various case requirements. Its adjustable and removable design makes it a versatile and reliable solution.






### OPTIMIZED FOR ESTHETICS & FUNCTION

The spring pin and conical female system of Hader RX are completely hidden, providing a discreet alternative with secure retention. The unique buccal reduction of the female profile allows more space for acrylic resin or porcelain veneering, ensuring aesthetic excellence without compromising retention.



# HADER RX INDIVIDUAL COMPONENTS

## MALE COMPONENTS



	Hader RX Spring Pin Resilient 2 PCS	
	PALLAX. Standard head - Ø 1.88 mm M2: Ø2 mm - H: 2.7 mm M3: Ø3 mm - H: 3.15 mm 2 spring pins + 2 space maintainers	
	M2	5051112-2
	Hader RX Spring Pin Rigid 2 PCS	
	PALLAX 2 spring pins	
	M3	5051032-2
	Hader RX Spring Pin Long 2 PCS	
	Extra long spring pin (0.3 mm longer). PALLAX. 2 pieces.	
	M2	5051043-2
	M3	5051017-2

## Hader RX Spring Pin with Larger Head 2 PCS

Removable spring pin. PALLAX. 2 PCS		Larger head Red Ø1.95mm Blue Ø2.02mm Black Ø2.09mm
For worn females, use one of the spring pins with larger head.		M2: Ø2 mm H: 2.7 mm
Use the spring pin indicator set (5051078) to verify the diameter of the female.		M3: Ø3 mm H: 3.15 mm
	M2 Resilient Red 1.95	5051041-2
	M2 Resilient Blue 2.02	5051042-2
	M3 Resilient Red 1.95	5051014-2
	M3 Resilient Blue 2.02	5051015-2
	M3 Resilient Black 2.09	5051016-2
	M3 Rigid Red 1.95	5051019-2
	M3 Rigid Blue 2.02	5051020-2
	M3 Rigid Black 2.09	5051021-2


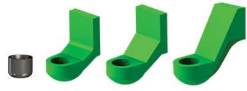
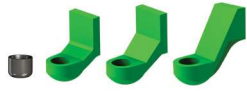
## 02 | Attachment Systems

### THREADED BASES

	<b>Hader RX Retention Part Bonding 2 PCS</b> Retention part with duplicating dummy for the bonding technique. TITANAX alloy. No soldering. Do not heat.	
	M2	5051106-2
	M3	5051107-2
	M2 Dummy Orange 10 PCS	5051090-10
	<b>Hader RX Retention Part Soldering PALLAX 2 PCS</b>	
	M2	5051011-2
	<b>Hader RX M3 Base Ring for Soldering PALLAX</b>	
	M3	5051008-1

	<b>Hader RX Winged Retention Part 2 PCS</b> Retention part for winged fixation in acrylic resin. TITANAX. No soldering. Do not heat.	
	M2	5051037-2
	<b>Hader RX Circular Retention Part 2 PCS</b> Retention part for circular fixation in acrylic resin. TITANAX. No soldering. Do not heat.	
	M2	5051039-2
	<b>Hader Threaded Base Ring</b> For cast-on technique. H 1.3 mm - Ø 3.4 mm - M2	
	IRAX For precious alloys	5011037-1
	<b>NOPRAX</b> For non-precious alloys	
		5011038-1


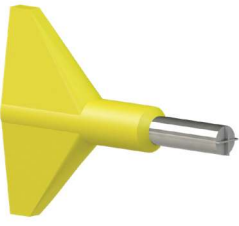





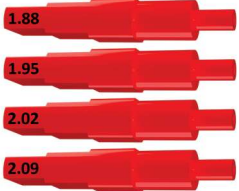
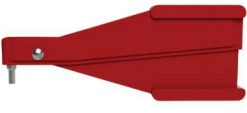



### FEMALE COMPONENTS

	<b>Hader RX Female TITANAX 2 PCS</b> For bonding technique.	
	M2	5051013-2
	<b>Hader RX Female TITANAX with Keepers</b> 3 Plastic keepers (30°, 45°, 60°) with female for bonding technique.	
	M2	5051117-1
	<b>M3</b>	
		5051118-1

	<b>Hader RX Axial TITANAX Female with Keeper</b> Female in TITANAX with plastic keeper for bonding in post copings or bar constructions.	
	M2	5051120-1
	<b>M3</b>	
		5051119-1
	<b>Hader RX M3 Axial Female</b> TITANAX: Retention in acrylic resin. IRAX: Retention in acrylic resin, soldering, or direct casting.	
	TITANAX	5051025-1
	<b>IRAX</b>	
		5051026-1

## HADER RX INDIVIDUAL COMPONENTS


### HADER RX TOOLS


	<b>Hader RX Activating tool</b>	5051004-1
	Activating tool and screw-driver.	
	<b>Hader RX Laboratory Key</b>	5051094-1
	For M2 and M3. Lab use only	
	<b>Hader RX Paralleling Mandrel Axial</b>	For axial base rings. Lab use only.
	M2	5051047-1
	<b>Hader RX Paralleling Mandrel Profile</b>	For green male keepers. Lab use only.
	M2	5051048-1
	<b>Hader RX Soldering Accessory 2 PCS</b>	Soldering accessory for extracoronaral retention parts. For lab use only.
	M2	5051093-2
	<b>Hader RX Axial Soldering Accessory 2 PCS</b>	For axial base rings. Lab use only.
	M2	5051051-2
	<b>Hader RX Carbide Drill</b>	5051002-1
	Carbide bur with smooth stop for the metal sleeve. For lab use only.	
	<b>Spring Pin Indicator Set</b>	5051078
	Set of 4 indicators to verify the diameter of the females. (1.88, 1.95, 2.02, 2.09)	
	<b>Hader RX Retention Adjusting Accessory</b>	5051086-1
	Instrument to deactivate spring Pins. For M2 and M3. For lab use only.	
	<b>Hader RX Paralleling Mandrel for Females</b>	5051046-1
	For extracoronaral females. Lab use only.	
	<b>Hader RX Bonding and Sandblasting Tool</b>	5051089-1
	Paralleling mandrel for fixing and sandblasting TITANAX females. For lab use only.	
	<b>Hader RX Diamond Drill 2 PCS</b>	5051001-2
	Diamond bur for the bonding technique. For lab use only. 2 PCS	

## 02 | Attachment Systems

### HADER RX INDIVIDUAL COMPONENTS


#### HADER RX TOOLS


	<b>Hader RX Male Impression Tool 2 PCS</b> For axial attachments. To be used with the female impression tool 5011043 or 5051110.	
	M2	5011044-2
	M3	5051109-2


	<b>Hader RX Female Impression Tool 2 PCS + 2 Space Maintainer</b> To be used with the male impression tool, or with the spring pin, space maintainer and the female analogue..	
	M2	5011043-2
	M3	5051110-2

	<b>Hader RX Female Analogue 2 PCS + 2 Space Maintainer</b> For repair and rebasing technique. For lab use only. 2 pieces.	
	M2	5051092-2
	M3	5051088-2









	<b>Hader RX Space Maintainer</b> Stainless steel. 0.3 mm thick. 10 PCS	
	M2	5051077-10
	M3	5051076-10

	<b>Hader RX Large Space Maintainer</b> Tinfoil. 0.4 mm thickness for resilient constructions. For lab use only.	
	M2	5011036-1
	M3	5051083-1

	<b>Hader RX Resilient Working Dummy 2 PCS</b> Stainless steel. Lab use only. 2 pieces	
	M2	5051091-2
	M3	5051087-2


	<b>Hader RX Protection Cap</b> Protection cap in TITANAX for threading into the base ring 2 PCS.	
	M2	5011039-2

## HADER RX KITS

	DESCRIPTION			DESCRIPTION		
	<b>Hader RX TITANAX Bonding Kit Axial</b>			<b>Hader RX TITANAX Acrylic Kit Axial</b>		
	Kit with retention part for bonding, with TITANAX female for cementation. For use in post copings and bar constructions.			Kit with retention part for acrylic retention, with TITANAX female for cementation. For use in post copings and bar constructions.		
	1x RX retention part bonding 1x RX spring pin w/space maintainer 1x RX axial female TITANAX w/keeper 1x RX large space maintainer			1x RX retention part circular acrylic 1x RX spring pin w/space maintainer 1x RX axial female TITANAX w/keeper 1x RX large space maintainer		
	M2	5052016		M2	5052017	
	M3	5052007				
	<b>Hader RX TITANAX Bonding Kit Extracoral</b>			<b>Hader RX TITANAX Soldering Kit Axial</b>		
	Kit with retention part for bonding, with TITANAX female for cementation. For use in extracoral preparations.			Kit with retention part for soldering, with TITANAX female for cementation. For use in post copings and bar constructions.		
	1x RX retention part bonding 1x RX spring pin w/space maintainer 1x RX female TITANAX w/keepers			1x RX retention part soldering 1x RX spring pin w/space maintainer 1x RX axial female TITANAX w/keeper 1x RX large space maintainer		
	M2	5052012		M2	5052024	
	M3	5052004				
	<b>Hader RX TITANAX Winged Acrylic Kit</b>			<b>Hader RX TITANAX Circular Acrylic Kit</b>		
	Kit with retention part for winged acrylic fixation, with TITANAX female for cementation.			Kit with retention part for circular acrylic fixation, with TITANAX female for cementation.		
	1x RX retention part winged acrylic 1x RX spring pin w/space maintainer 1x RX female TITANAX w/keepers			1x RX retention part circular acrylic 1x RX spring pin w/space maintainer 1x RX female TITANAX w/keepers		
	M2	5052010		M2	5052014	
	M3	5052002				
	<b>Hader RX M3 PLATIRAX Acrylic Kit</b>			<b>Hader RX TITANAX Soldering Kit</b>		
	M3 kit with PLATIRAX female for casting in all alloys and two sets of attachments and retention parts for acrylic fixation.			Kit with retention part for soldering, with TITANAX female for cementation. For use in extra coronal preparations.		
	2x RX retention part winged acrylic 2x RX spring pin w/space maintainer 1x RX cast-on female			1x RX retention part soldering PALLAX 1x RX spring pin standard 1x RX female TITANAX w/keepers		
	Resilient	5052018		M2	5052008	
	Rigid	5052021				

## 02 | Attachment Systems

### HADER RX KITS



	<b>Hader RX M3 PLATIRAX Bonding Kit</b>	
	M3 kit with PLATIRAX female for casting in all alloys and two sets of attachments and retention parts for bonding	
	2x RX retention part bonding 2x RX spring pin w/space maintainer 1x RX cast-on female	
<b>Resilient</b>		5052019
<b>Rigid</b>		5052022



	<b>Hader RX M3 PLATIRAX Soldering Kit</b>	
	M3 kit with PLATIRAX female for casting in all alloys and two sets of attachments and retention parts for soldering..	
	2x RX retention part soldering 2x RX spring pin w/space maintainer 1x RX cast-on female	
<b>Resilient</b>		5052020
<b>Rigid</b>		5052023



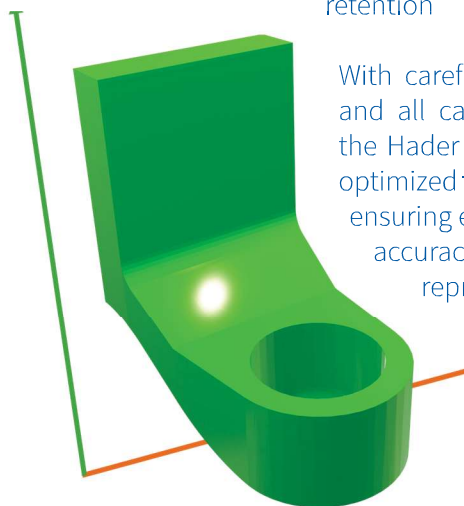
# CAD CAM

Kits carefully designed for CAD-CAM users.

	DESCRIPTION	
	<b>Hader RX TITANAX Bonding Kit CAD-CAM</b>	
	Kit with retention part for bonding, with TITANAX female for cementation. For CAD-CAM users.	
	1x RX retention part bonding 1x RX spring pin w/space maintainer 1x RX female TITANAX	
<b>M2</b>		5052013
<b>M3</b>		5052005
	<b>Hader RX TITANAX Winged Acrylic Kit CAD-CAM</b>	
	Kit with retention part for winged acrylic fixation, with TITANAX female for cementation. For CAD-CAM users.	
	1x RX retention part winged acrylic 1x RX spring pin w/space maintainer 1x RX female TITANAX	
<b>M2</b>		5052011
<b>M3</b>		5052003

	DESCRIPTION	
	<b>Hader RX TITANAX Soldering Kit CAD-CAM</b>	
	Kit with retention part for soldering, with TITANAX female for cementation. For CAD-CAM users.	
	1x RX retention part soldering PALLAX 1x RX spring pin standard 1x RX female TITANAX	
<b>M2</b>		5052009
<b>M3</b>		5052001
	<b>Hader RX TITANAX Circular Acrylic Kit CAD-CAM</b>	
	Kit with retention part for circular acrylic fixation, with TITANAX female for cementation. For CAD-CAM users.	
	1x RX retention part circular acrylic 1x RX spring pin w/space maintainer 1x RX female TITANAX	
<b>M2</b>		5052015
<b>M3</b>		5052006

**Hader RX** combines versatility with a precision-engineered design, making it a reliable solution for partial and full dentures. Designed for a wide range of applications, it can be used as an extracoronal attachment, on bars, or with post-copings, adapting to various treatment approaches. With multiple male sizes and a spring pin mechanism that provides a distinct click upon secure seating, **Hader RX** ensures predictable retention and patient confidence.

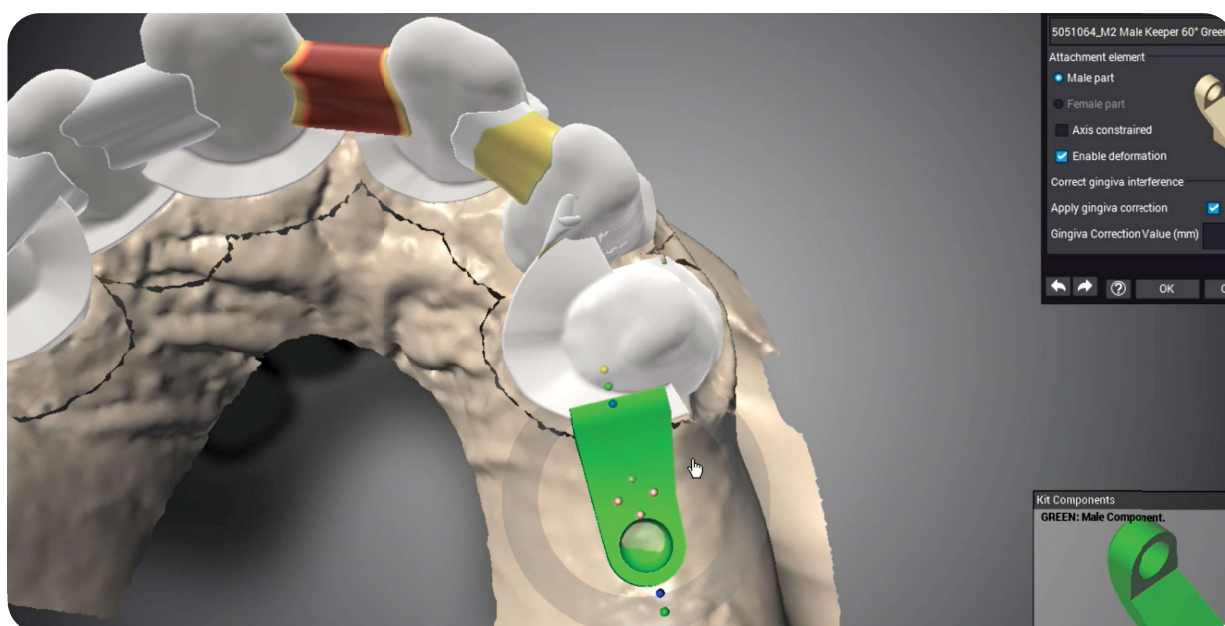


With carefully designed CAD-CAM kits and all castable patterns available in the Hader Digital Library, **Hader RX** is optimized for modern digital workflows, ensuring efficient production, superior accuracy, and a precise fit. **Hader RX** represents a classic attachment system, now enhanced for the next generation of digitally optimized solutions.



# CAD CAM

It's time to unlock the full potential of digital dentistry with the **Hader Digital Library**. Visit our website [www.hader.eu](http://www.hader.eu), or **scan the QR code** to download the Digital Library today, and take your dental practice to new heights.





Explore our website at [www.hader.eu](http://www.hader.eu) to access a wealth of resources, including user guides, inspiring design videos, brochures, and many more valuable tools to enhance your experience. Dive into a world of innovation and excellence today!

## 02 | Attachment Systems

### BARS

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

	DESCRIPTION	
	<b>Bar Oval Resilient Standard Plastic</b> For lab use only.	
	4 PCS	5061022-4
	50 PCS	5061022-50
	<b>Bar U-Shaped Rigid Standard Plastic</b> For lab use only.	
	4 PCS	5061024-4
	50 PCS	5061024-50

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

Rounded: L: 50mm - Ø: 1.8mm

	DESCRIPTION	
	<b>Bar Oval Resilient Mini Plastic</b> For lab use only.	
	4 PCS	5061021-4
	50 PCS	5061021-50
	<b>Bar Rounded Plastic</b> For lab use only.	
	4 PCS	5061023-4
	50 PCS	5061023-50

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


	DESCRIPTION	
	<b>Bar Rider Standard With Retention</b> Adjustable standard rider with retentions for acrylic resin and space maintainer.	
	INOX	5061007-1
	ORAX	5061008-1
	PALLAX	5061009-1

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

	DESCRIPTION	
	<b>Bar Rider Mini With Retention</b> Adjustable mini rider with retentions for acrylic resin and space maintainer.	
	INOX	5061014-1
	ORAX	5061015-1
	PALLAX	5061016-1

#### HADER CLIP - L: 3.5mm - H: 3.65mm

	DESCRIPTION	
	<b>Lateral Retention</b> Adjustable rider with retentions for acrylic resin and space maintainer.	
	ORAX 2 PCS	5061031-2
	ORAX 20 PCS	5061031-20
	INOX 2 PCS	5061032-2
	INOX 20 PCS	5061032-20

	DESCRIPTION	
	<b>Occlusal Retention</b> Adjustable rider with retentions for acrylic resin and space maintainer.	
	ORAX 2 PCS	5061033-2
	ORAX 20 PCS	5061033-20
	INOX 2 PCS	5061034-2
	INOX 20 PCS	5061034-20

#### STANDARD PARALLELING MANDREL

	DESCRIPTION	
	<b>Bar Standard Paralleling Mandrel</b> For lab use only.	
		5061001-1

#### MINI PARALLELING MANDREL

	DESCRIPTION	
	<b>Bar Mini Paralleling Mandrel</b> For lab use only	
		5061002-1

## ALLOYS AND MATERIALS

**IRAX:** AU 60 - PT 24 - PD 15 - IR 1

For soldering to precious and non-precious alloys. - Melting range: 1400-1460 °C

**NOPRAX:** WHITE - CR 28 - CO (BALANCE) - MO 6 - OTHERS: SI, MN

For the cast-on technique with non-precious alloys only. - Melting range: 1355-1450 °C

**PALLAX:** WHITE - AU 2 - AG 37 - PT 9.5 - PD 37 - CU 12.5 - CO 2

For soldering to precious and non-precious alloys. - Melting range: 1067-1220 °C. - Heat treatment: 60 min at 450 °C

**ORAX:** YELLOW - AU 67 - AG 13.5 - PT 8.5 - CU 10.8 - ZN 0.2

For soldering to precious and non-precious alloys. - Melting range: 910-995 °C. - Heat treatment: 60 min at 400 °C

**TITANAX:** WHITE - TI 90 - AL 6 - V 4

Only for bonding and acrylic fixation. - Melting range: 1663-1682 °C

**STAINLESS STEEL:** WHITE - FE 63 - CR 18 - NI 13.5 - MO 2.5 - OTHER 3

Only for bonding and acrylic fixation. - Do not heat. Contains Ni.

**PLATIRAX:** WHITE - PT 85 - IR 15

For the cast-on technique with all dental alloys. Melting range: 1790-1820 °C

**POLYACETAL:** PLASTIC INSERTS HADER CX AND SX

**POLYPROPYLENE:** PLASTIC INSERTS HADER VX



## GENERAL RECOMMENDATIONS AND PRECAUTIONS

The components in this catalogue are intended for use exclusively by dentists, dental technicians, and dental nurses. It is the responsibility of the dental professional to provide proper instructions to patients regarding the correct use and care of prosthetic devices. Maintaining good oral hygiene is essential to prevent bacterial adhesion and ensure the longevity of the prosthesis.

All products are delivered non-sterile and must be sterilized before use in the patient's mouth. Handle with care during installation to avoid aspiration or ingestion by the patient. Any component showing visible alterations or damage, such as corrosion, breakage, or cracks, must be discarded immediately.

Products manufactured through plastic injection moulding may exhibit minor variations in coloration, which do not affect their quality, functionality, or performance. Additionally, attachment plastic inserts are subject to natural wear over time and should be replaced regularly (at least every 5 years) to maintain optimal retention and functionality.

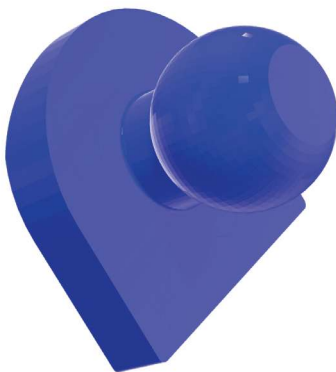


## INTRODUCING THE HADER DIGITAL LIBRARY: YOUR GATEWAY TO CUTTING-EDGE DENTISTRY

At Hader Solutions, we understand that the dental industry is evolving rapidly. Digital dentistry is the way of the future, and we are committed to helping dental professionals stay ahead of the curve. That's why we proudly present our revolutionary Hader Digital Library, a game-changer in the world of dental attachments.

### UNLOCK THE POWER OF DIGITAL DENTISTRY

In today's fast-paced world, dental laboratories need solutions that are efficient, precise, and up-to-date. The Hader Digital Library empowers you to embrace the latest digital production techniques, allowing you to craft dental prostheses with unparalleled accuracy and ease.



### YOUR DIGITAL JOURNEY BEGINS HERE

With just a few clicks, you can access our Hader Digital Library. The ultimate resource for dental professionals. Explore an extensive range of digital files tailored for the most popular CAD-CAM systems, including Exocad, 3-Shape, and Dental Wings.

### THE ATTACHMENTS YOU TRUST, NOW IN DIGITAL

The Hader Digital Library offers a treasure of digital files for our renowned Hader attachments, including the CX, VX, SX, and RX systems. Craft prostheses that fit perfectly and provide superior patient comfort, all at your fingertips.

All relevant kits in this catalogue are easily identified with the hader CAD-CAM logo



**CAD  
CAM**

### JOIN THE DIGITAL REVOLUTION WITH HADER SOLUTIONS

Ready to revolutionize your dental laboratory? It's time to unlock the full potential of digital dentistry with the Hader Digital Library. Visit our website at [www.hader.eu](http://www.hader.eu), or **scan the QR code** to request your access today, and take your dental practice to new heights.



**WELCOME TO THE FUTURE OF DENTAL ATTACHMENTS. WELCOME TO HADER.**

## SETUP INSTRUCTIONS

**DIGITAL LIBRARY**

Please fill the form to receive the digital library

**Hader Solutions Digital Library**

I need: \*

Company \*

Name \*

Street address \*

ZIP or postal code \*

Country \*

Email \*

Phone

Message

**SUBMIT**

Fill in the form in our website to receive the Digital Library by email.

Available for:

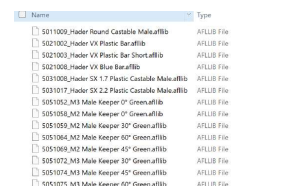
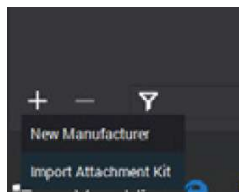
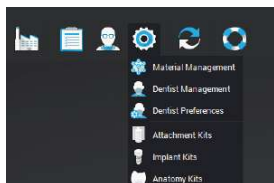


Save the library to a location on your PC or laptop that can be easily accessed by the user.

1. On the SETTINGS menu, select ATTACHMENT KITS

2. Click on the + symbol, then IMPORT ATTACHMENT KIT

3. Select all Hader Attachments and click OPEN

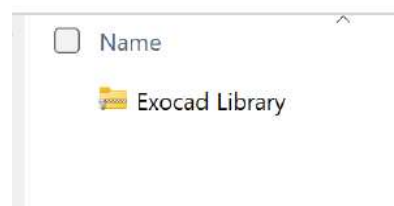


**exocad**

1. Unzip the Exocad Library Folder and copy it

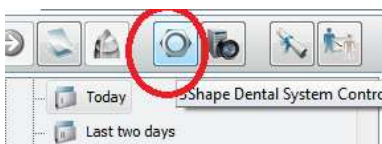
2. In Exocad go to the location DentalCADApp \ library \ attachments

3. Paste the Exocad Library folder

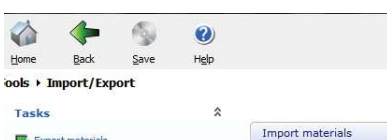


**3shape**

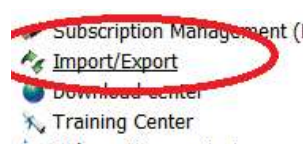
1. Open the 3Shape Dental System Control Panel



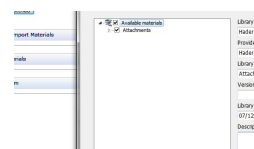
3. Select "Import Materials"



2. Select "Import/Export", under tools



4. Select Hader.dme file and click "Import"



## **SPONSORING OFFICIAL PARTNER OF THE MINI-TRANSAT**

### **WHAT IS THE MINI-TRANSAT?**

A solo transatlantic race between Les Sables-d'Olonne and Guadeloupe – with no assistance or electronic means, on boats no longer than 6.5 metres.

The Mini-Transat used to be decried for being too dangerous and filled with enormous risks. However, since those starting days, the Mini-Transat has gradually become an almost compulsory addition to the CV of every future skipper. Many sailors with big names in ocean racing have participated in it.

For more information visit:  
[benoitlt.ch](http://benoitlt.ch)  
[minitransat.fr](http://minitransat.fr)



## BENOÎT ALT

From Lentigny in Switzerland, Benoît Alt has already made great strides towards his dream of becoming one of Sailing's Great Names. Originating from a family of non-sailors, he fell in love with sailing in Estavayer, Switzerland.

Since the discovery of this great passion in 2012, he has been sailing on every available body of water – and still never lost his connection to lake Neuchâtel in Switzerland, where it all started.

«We all live with dreams and plans. Each of us will, one day or another, want to take on new challenges that will change our life. Let us dare to take the plunge and give ourselves the chance to achieve them.»

Benoît Alt



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