

Swiss
Made



HADER
SOLUTIONS

Catalogue

Solutions to enhance life quality

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

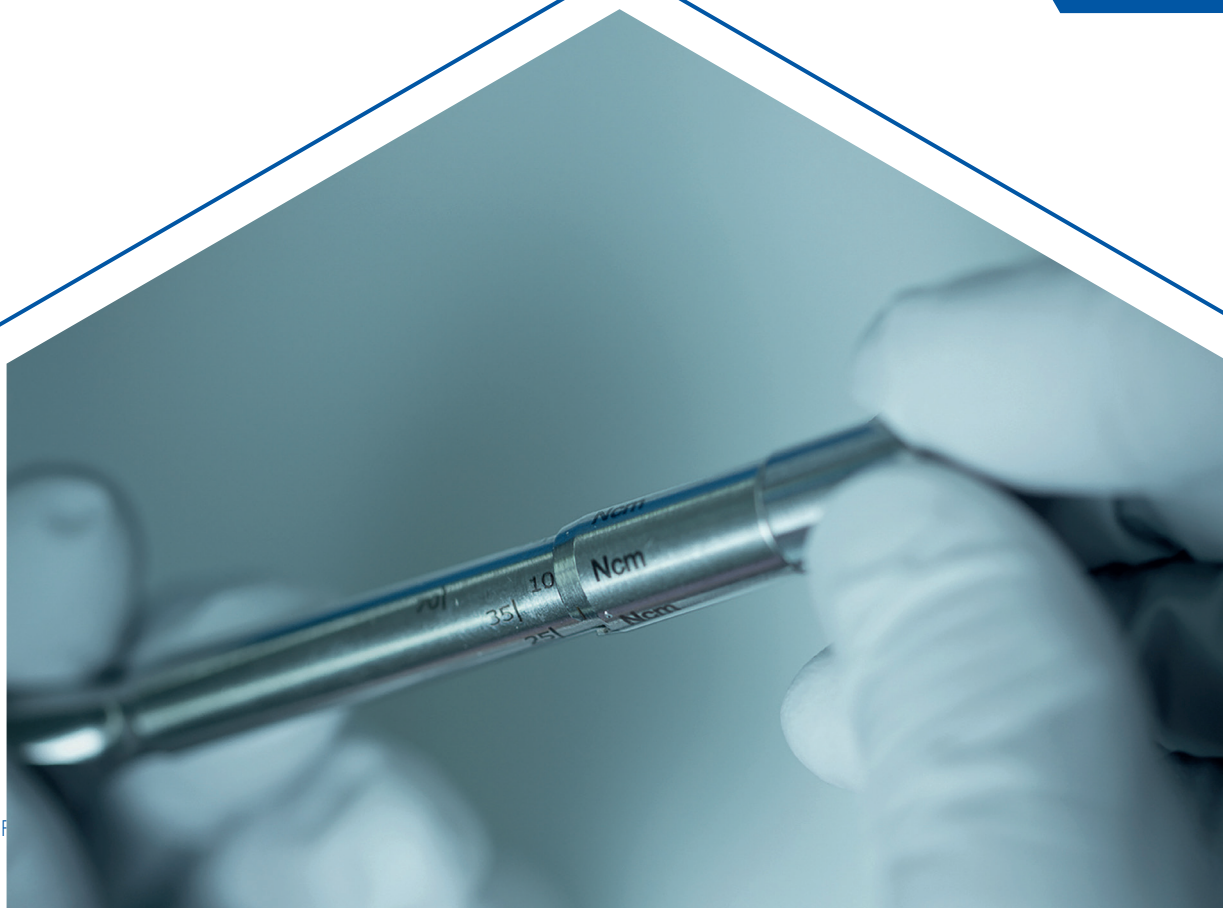
Back in the day, in 1963, Helmut Hader founded his first factory in La Chaux-de-Fonds, Switzerland, hence establishing our brand with its rich history. Numerous patents and inventions of attachments and prosthetic solutions have since contributed to this very history and tradition; the high standard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

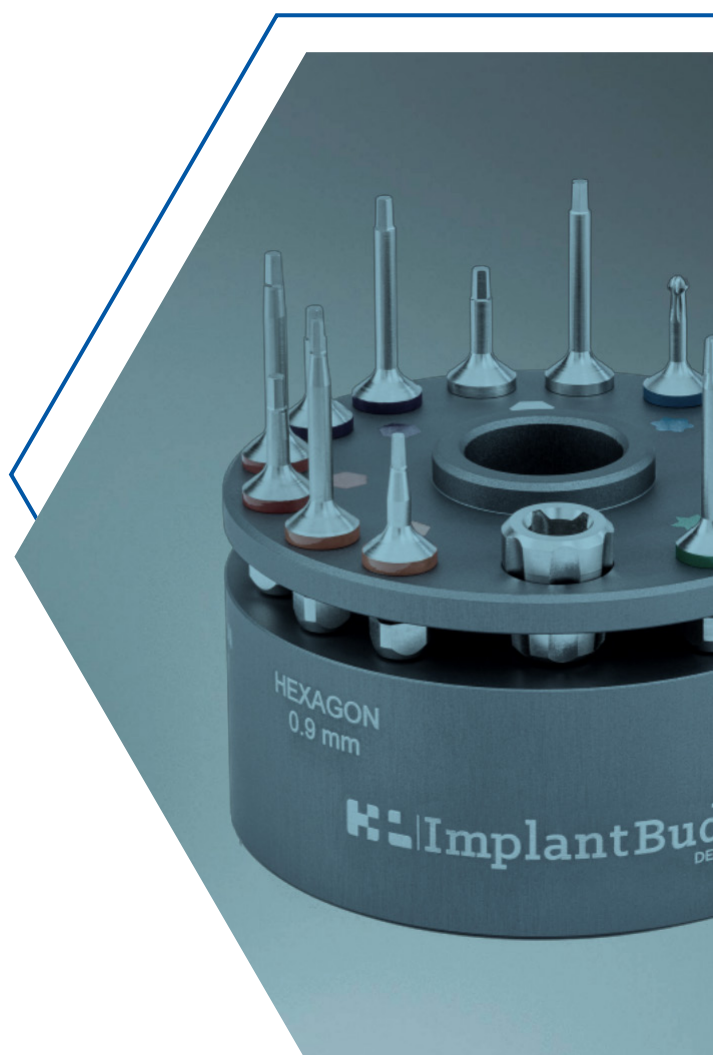
Solutions to enhance life quality

Hader Solutions is committed to providing 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



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01 | Instruments & Solutions

IMPLANT BUDDY & OMEGA	6
KITS	7
OMEGA TORQUE WRENCH.....	7
INDIVIDUAL COMPONENTS.....	8
WORKING AIDS	10
POSTS.....	10
RET WIRE	11
SPECIALTIES	12

02 | Attachment Systems


HADER CX.....	14
HADER VX	22
HADER SX	28
HADER RX.....	34
BARS	42



Explore our website at 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: - SCS Screwdriver – Straumann - Angled Access Driver - Unigrip Driver – Nobel Biocare - Hex 1.3mm – BioHorizons, Astra, Sweden & Martina - Hex 1.25mm – Zimmer, Camlog - Hex 1.2mm – 3i Systems, Megagen, BTI - Hex 0.9mm – Ankylos
	Implant Buddy Dental with OMEGA	1012045	
	Implant Buddy Lab	1012047-1	Dental implant driver kit for laboratory use Prosthetic Connections (long and short) included: - Straight Driver – Straight Systems - SCS Screwdriver – Straumann - Angled Access Driver - Unigrip Driver – Nobel Biocare - Hex 1.3mm – BioHorizons, Astra, Sweden & Martina - Hex 1.2mm – 3i Systems, Megagen, BTI - Hex 0.9mm – Ankylos
	Implant Buddy Latch	1012048-1	Latch-Type Dental Implant Driver Set Prosthetic Connections included: - Straight Driver – Straight Systems - SCS Screwdriver – Straumann - Angled Access Driver - Unigrip Driver – Nobel Biocare - Hex 1.3mm – BioHorizons, Astra, Sweden & Martina - Hex 1.2mm – 3i Systems, Megagen, BTI - Hex 0.9mm – Ankylos - Multi-Unit Driver
	Implant Buddy Latch with OMEGA	1012049	

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	Ankylos implant systems
		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	Ankylos implant systems
		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

ACCESSORIES

	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
REAMERS		
Blue 1 PC	1051002-1	Tip Ø: 1 mm
Yellow 1 PC	1051003-1	Tip Ø: 0.8 mm
POSTS FOR DENTISTS		
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	
POSTS FOR LAB USE ONLY		
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



INDIVIDUAL COMPONENTS

PART NAME	REFERENCE	MEASUREMENT
POSTS FOR LAB USE ONLY		
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

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

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	Length: 80 mm Ø 1.05 mm
Ret Wire Spare Drills 3 PCS	1041003-3	
Ret Wire Tool	1041012-1	

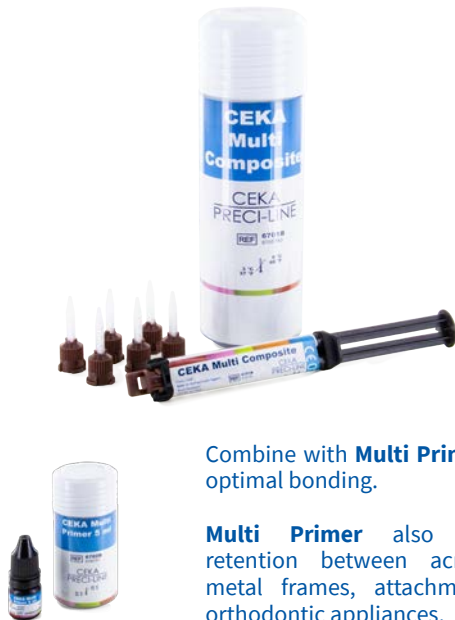
WORKING AIDS

	PART NAME	REFERENCE	DESCRIPTION
	Stippling Mandrel (Lab Use Only)	1041004-1	<ul style="list-style-type: none"> • 1/4 inch shaft to fit most standard lathe chucks. • The Stippler accepts four burs –either #2, #4, or #6
	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 Bur 2 PCS	1041013-2	Wheel Bur. Lab use only
	Measuring Gauge	1041010-1	Sterilisable 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. Lab use only.

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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



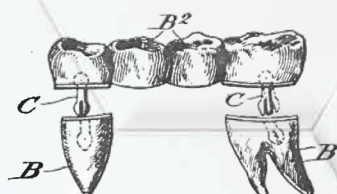
HADER
SOLUTIONS

60 YEARS
ANNIVERSARY
1963 - 2023

*More than 60
years of history*



Fig. 1.



02 | Attachments Systems

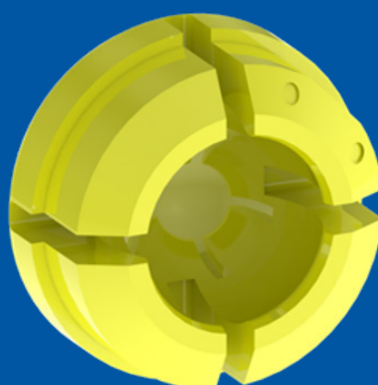


MAJOR COMPATIBILITY AND GREATER AREA OF RETENTION

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.

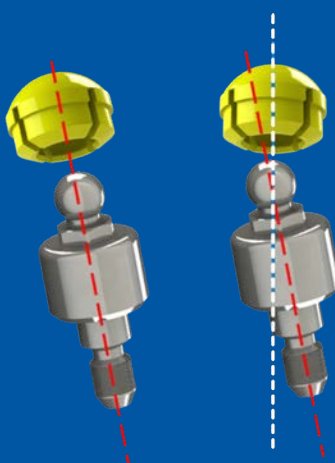
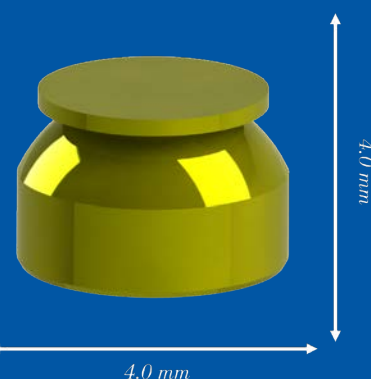
SMART DESIGN

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

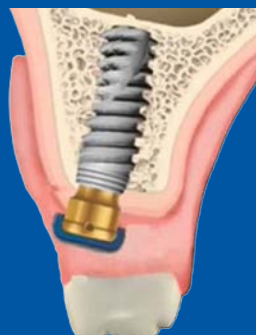
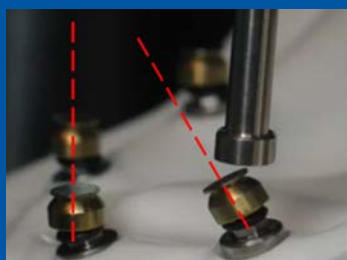
A metal housing of just 4.0 mm diameter. A small size that is ideal for cases of compromised bucco-lingual space.



EASY PARALLELING

The round design of Hader CX, coupled with the convenient paralleling mandrel, allows easy parallelisation 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

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

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

MALE COMPONENTS



	Hader CX Male Plastic Keeper Patterns	5011041-1
	Four angles (0°, 30°, 45°, and 60°) for axial and extracoronar structures. Lab use only.	
	Hader Cemented Male Base	5011042-1
	Base in TITANAX with M2 threading for Hader CX males. H: 1.9 mm - Ø 2.3 mm	
	Hader Threaded Base Ring This Threaded Base Ring serves as a support for the Threaded Males. H 1.3 mm - Ø 3.4 mm - M2	
	IRAX	5011037-1
	NOPRAX	5011038-1
	Hader CX TITANAX Male	
	For cementation into a cast male keeper. Total H: 3.95 mm Ball H: 2.05 mm - Ø 2.25 mm	




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











02 | Attachment Systems

HADER CX POST

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

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


HADER CX TOOLS

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

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



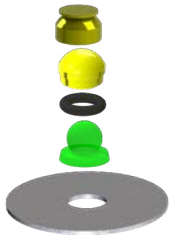



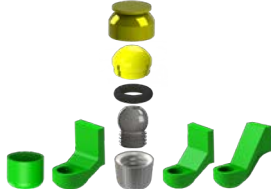




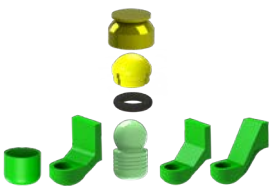




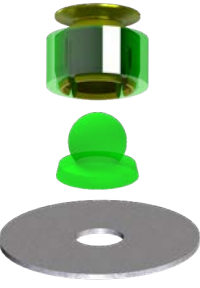
HADER CX STARTER KITS

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

02 | Attachment Systems

HADER CX KITS

	DESCRIPTION		DESCRIPTION
	<p>5012001 Hader CX Female Set</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 Hader CX 006</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 Hader CX 002</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 Hader CX 003</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 Hader CX 007</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 Hader CX 005</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 Hader CX 008</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>

	DESCRIPTION		DESCRIPTION
	<p>5012009 Hader CX 009</p> <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>		<p>5012013 Hader CX 013</p> <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>
	<p>5012010 Hader CX 010</p> <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>		<p>5012014 Hader CX 014</p> <p>Hader CX one piece ball & post.</p> <p>1x CX yellow female 1x CX metal housing 1x CX plastic o-ring 1x CX post & ball 1x CX tin spacer</p>
	<p>5012011 Hader CX 011</p> <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>		<p>5012015 Hader CX 015</p> <p>Hader CX one piece ball & post with duplicating dummy.</p> <p>1x CX yellow female 1x CX duplicating dummy 1x CX plastic o-ring 1x CX post & ball 1x CX tin spacer</p>
	<p>5012012 Hader CX 012</p> <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>		<p>5012022 Hader CX 022</p> <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**

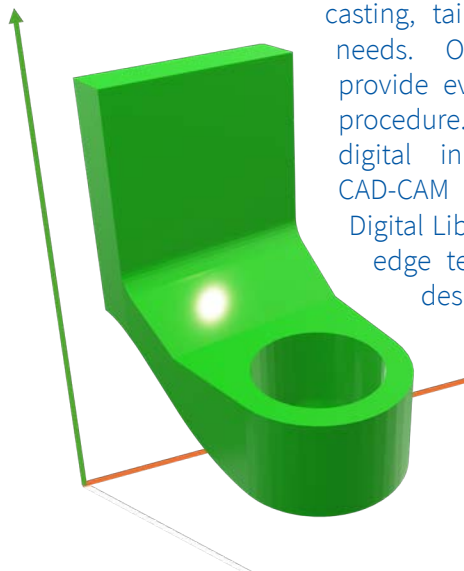
Kits carefully designed
for CAD-CAM users.

	DESCRIPTION		DESCRIPTION
	<p>5012016 Hader CX 016 CAD-CAM</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 Hader CX 019 CAD-CAM</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 Hader CX 017 CAD-CAM</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 Hader CX 018 CAD-CAM</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 Hader CX 020 CAD-CAM</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>



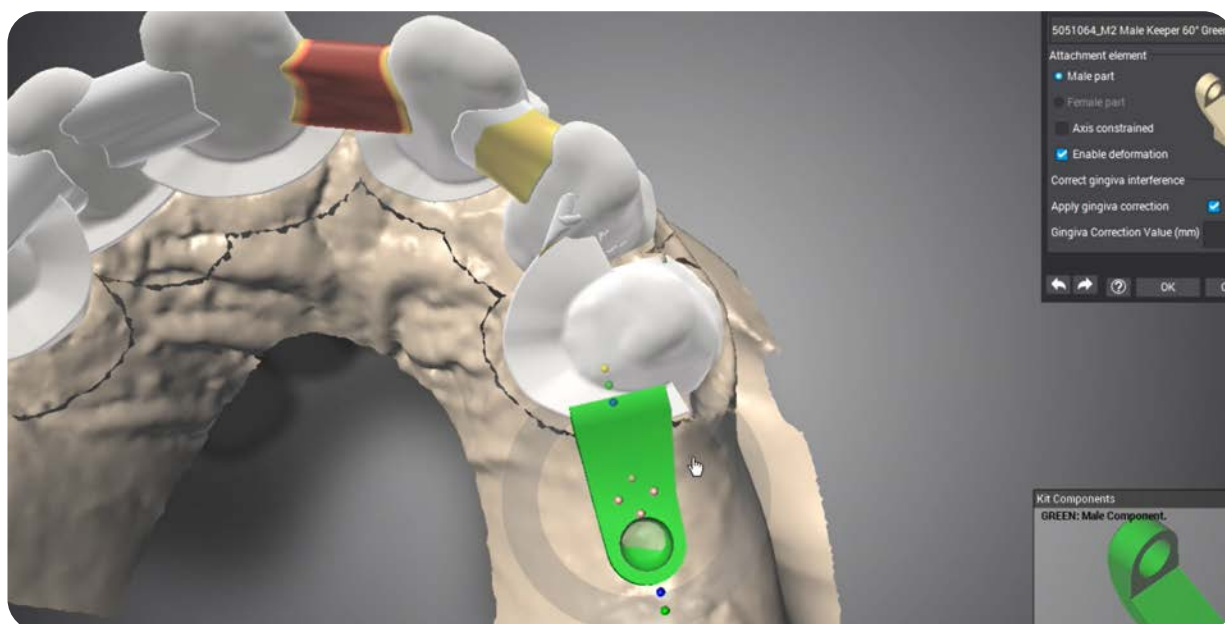
Hader CX is your go-to solution, covering all bases. It's not just for implants - it works wonders as an extracoronary element, alongside bars, and even on endodontically treated roots. Versatile and dependable, it's the answer for every case, no matter the challenge.

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.



CAD CAM

It's time to unlock the full potential of digital dentistry with the **Hader Digital Library**. Visit our website 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 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

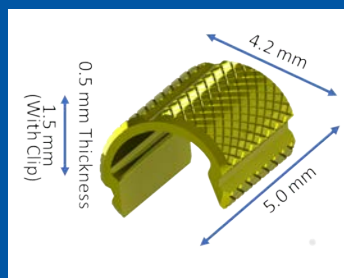
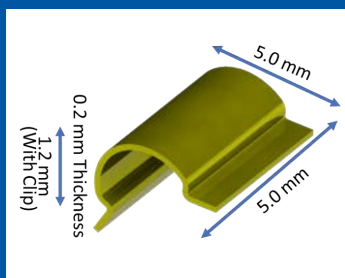
FOR BARS AND EXTRACORONAL CONSTRUCTIONS

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 extracoronal 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 every time.



AESTHETIC SOLUTION

Hader VX offers beautiful aesthetic results when used as an extracoronal 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

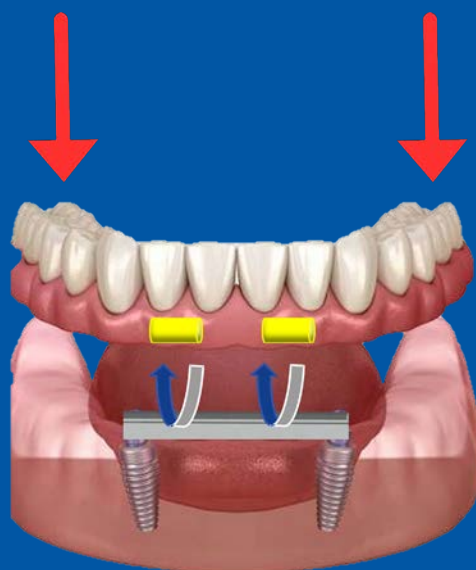
THREE RETENTION LEVELS

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 With Mandrel		
	Male with 45° inclination. H: 5.9 mm (may be reduced up to 3 mm) - Ø: 1.8 mm - Lab use only.	
	30 PCS	5021008-30
	6 PCS	5021008-6
Hader VX Vertical Bar With Extension		
	Male with built-in paralleling mandrel. H: 5.9 mm (may be reduced up to 3 mm) - Ø: 1.8 mm - Lab use only.	
	30 PCS	5021009-30
	6 PCS	5021009-6

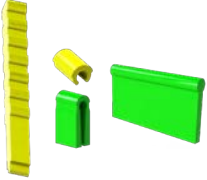
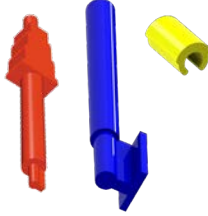
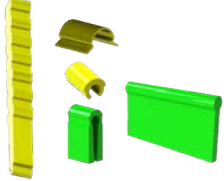
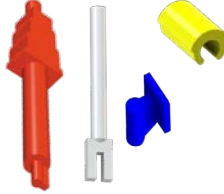
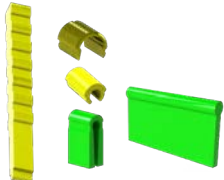
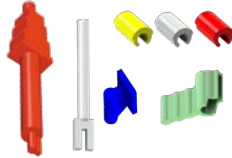
Hader VX Plastic Bar		
	Plastic bar model for the manufacturing of the metal structure. Lab use only.	
	L: 50 mm H: 8.25mm (large) 4.00 mm (standard) It may be reduced to 3.0 mm	
	Large 30 PCS	5021002-30
	Large 6 PCS	5021002-6
	Standard 30 PCS	5021003-30
	Standard 6 PCS	5021003-6
Hader VX Vertical Cast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

02 | Attachment Systems

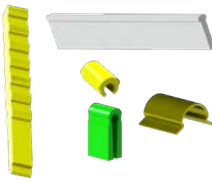
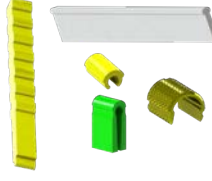
HADER VX TOOLS

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

HADER VX KITS

	DESCRIPTION		DESCRIPTION
	<p>5022001 Hader VX S Kit</p> <p>2x VX plastic bar short 6x VX yellow female 6x VX processing spacers 1x VX yellow insertion tool</p>		<p>5022005 Hader VX Extracoron Slide Kit A</p> <p>Kit for extracoron slide attachments.</p> <p>6x VX yellow female 6x VX vertical bar with extension 1x VX red insertion tool</p>
	<p>5022002 Hader VX C Kit</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 Hader VX Extracoron Slide Kit B</p> <p>Kit for extracoron slide attachment.</p> <p>6x VX yellow female 6x VX vertical bar 1x VX red insertion tool 1x VX guide vertical</p>
	<p>5022010 Hader VX C Alignment Kit</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 Hader VX Extracoron Slide Kit C</p> <p>Kit for extracoron 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

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

HADER VX CAD-CAM KITS



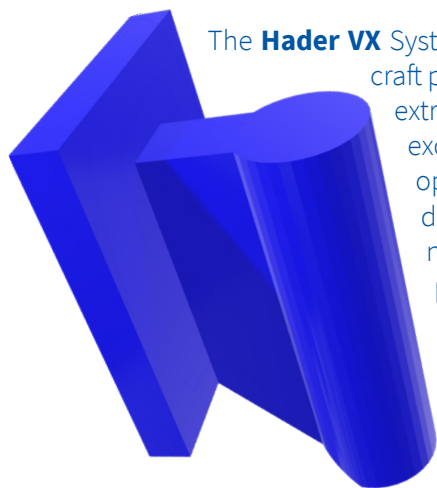
CAD CAM

Kits carefully designed
for CAD-CAM users.

	DESCRIPTION		DESCRIPTION
	5022006 Hader VX C Kit CAD-CAM 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 Hader VX C Alignment Kit CAD-CAM 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
			5022017 Hader VX EC Kit C CAD-CAM 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.

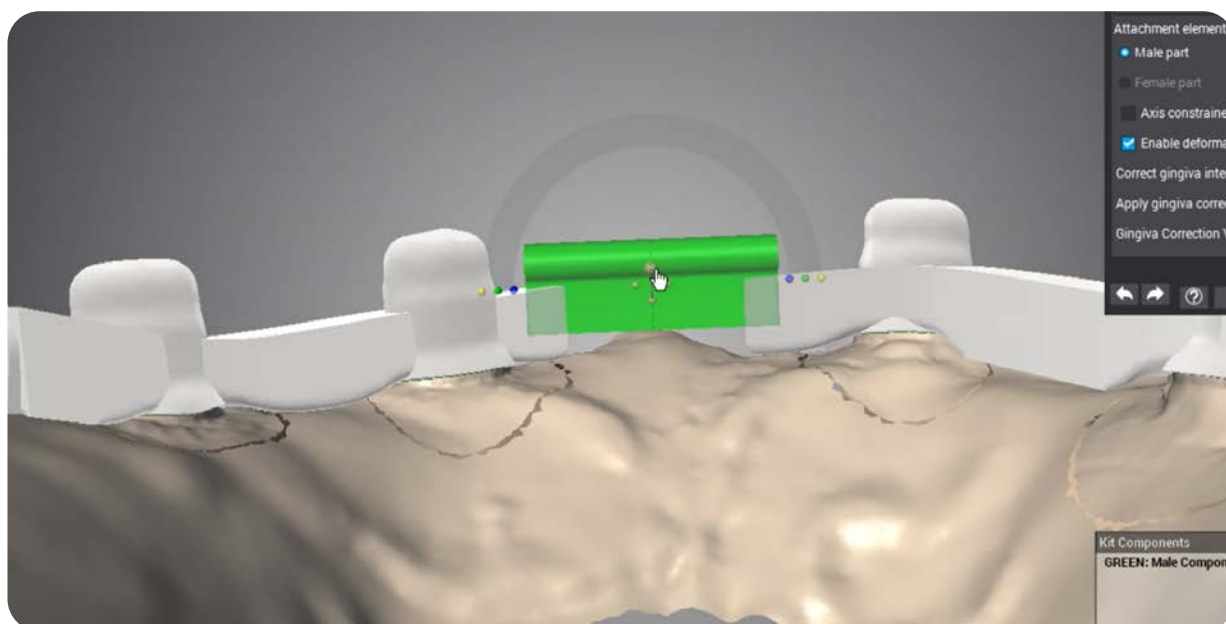


The **Hader VX** System allows dental professionals to craft prostheses over a bar or use it as an extracoronary attachment, providing exceptional flexibility in treatment options. We offer thoughtfully designed kits that include all the necessary components for each procedure, whether you're working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



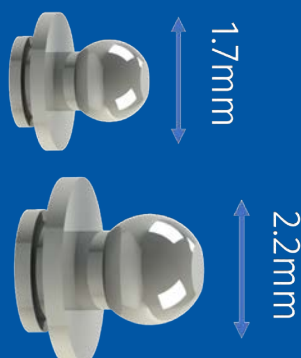
CAD CAM

It's time to unlock the full potential of digital dentistry with the **Hader Digital Library**. Visit our website www.hader.eu, 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 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 extracoronary 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

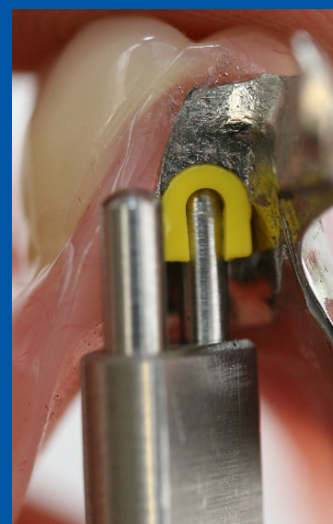
THREE RETENTION LEVELS

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 extracoronary 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			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	
	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 - 2 PCS 5031011-2	
	1.7 Yellow 6 PCS	5031004-6		1.7 - 20 PCS 5031011-20	
	2.2 Yellow 30 PCS	5031013-30		2.2 - 2 PCS 5031021-2	
	2.2 Yellow 6 PCS	5031013-6		2.2 - 20 PCS 5031021-20	
	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 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

MALE COMPONENTS

	Hader SX Plastic Castable Male 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
	Hader SX Cast Male NOPRAX 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
	Hader SX 2.2 NOPRAX Threaded Male 5031019-1 NOPRAX standard male 2.2 mm ø with M2 threading and 0.9 mm internal hex. Use the 5011040 screw-driver.	
	Hader SX Universal Threaded Ball 2.2 5031023-1 M2 - Ø 3.6 mm - H: 4.2 mm	

HADER SX TOOLS

	Hader SX Universal Parallel Mandrel	5031003-1		Hader Square- Type Driver 0.9mm	5011040-1
	Universal paralleling mandrel for the Hader SX males.			Screwdriver for screwing a threaded male into a threaded base	
	Hader SX Insertion Tool	5031010-1		Hader SX Analogue Analogue for laboratory fitting of the prosthesis.	
				1.7 - 2 PCS	5031012-2
	Universal insertion tool for the Hader SX females 1.7 mm and 2.2 mm.			2.2 - 2 PCS	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 (normal retention), two white female inserts (reduced retention), two pink female inserts (normal retention), two red female inserts (increased retention), a black universal paralleling mandrel, and a black universal insertion tool.</p>	<p>5033001 Hader SX Starter Kit Plastic Male</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"> 2x SX castable plastic males 1.7 2x SX castable plastic males 2.2 2x SX yellow females normal retention 1.7 2x SX yellow females normal retention 2.2 2x SX white females reduced retention 1.7 2x SX white females reduced retention 2.2 2x SX red females increased retention 1.7 2x SX red females increased retention 2.2 2x SX duplicating dummies 1.7 2x SX duplicating dummies 2.2 1x SX universal paralleling mandrel 1x SX universal insertion tool
 <p>The image shows the components of the Hader SX Starter Kit Cast-to Metal Male. It includes two grey cast-on NOPRAX males (1.7 and 2.2), two yellow female inserts (normal retention), two white female inserts (reduced retention), two pink female inserts (normal retention), two red female inserts (increased retention), a black universal paralleling mandrel, and a black universal insertion tool.</p>	<p>5033002 Hader SX Starter Kit Cast-to Metal Male</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"> 2x SX cast-on NOPRAX males 1.7 2x SX cast-on NOPRAX males 2.2 2x SX yellow females normal retention 1.7 2x SX yellow females normal retention 2.2 2x SX white females reduced retention 1.7 2x SX white females reduced retention 2.2 2x SX red females increased retention 1.7 2x SX red females increased retention 2.2 2x SX duplicating dummies 1.7 2x SX duplicating dummies 2.2 1x SX universal paralleling mandrel 1x SX universal insertion tool

02 | Attachment Systems

HADER SX KITS

	DESCRIPTION
	Hader SX Complete Plastic w/Housing 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 metal housing
	1.7 5032001
	2.2 5032003
	Hader SX Complete Metal w/Housing 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 metal housing
	1.7 5032005
	2.2 5032007

	DESCRIPTION
	Hader SX Complete Plastic 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
	Hader SX Complete Metal 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

HADER SX CAD-CAM KITS



**CAD
CAM**

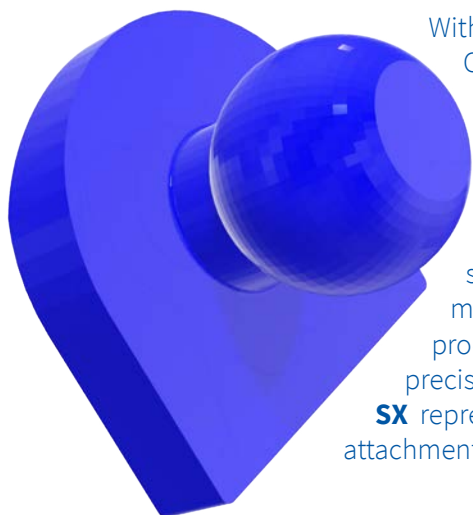
Kits carefully designed
for CAD-CAM users.

	DESCRIPTION
	5032009 Hader SX Complete Threaded Male CAD-CAM Ideal for CAD-CAM bars or all dental alloys. 2.2mm only 1x SX threaded NOPRAX male 1x SX yellow plastic female 1x SX white plastic female 1x SX red plastic female 1x SX duplicating dummy
	5032012 Hader SX 2.2 Complete CAD-CAM 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
	5032010 Hader SX Complete Threaded Male w/Housing CAD-CAM Ideal for CAD-CAM bars or all dental alloys. 2.2mm only 1x SX metal housing 1x SX threaded NOPRAX male 1x SX yellow plastic female 1x SX white plastic female 1x SX red plastic female 1x SX duplicating dummy
	5032011 Hader SX 2.2 Complete w/Housing CAD-CAM 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 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.

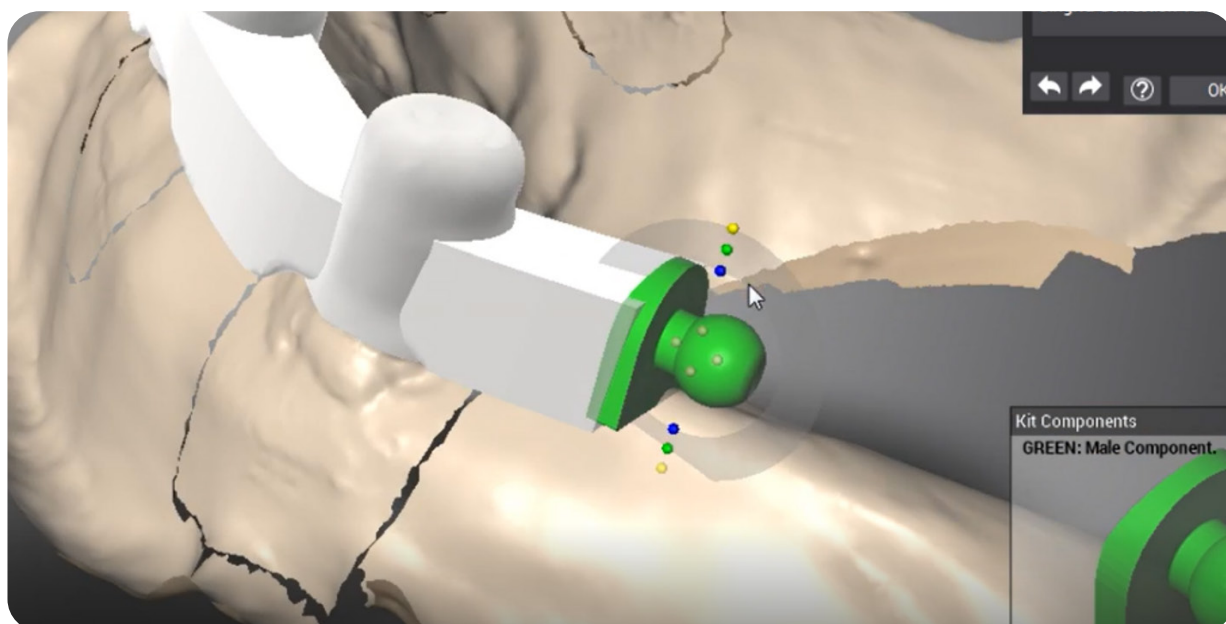


With carefully designed CAD-CAM kits and a Digital Library offering high-quality digital files, **Hader SX** is ideal for digital workflows, ensuring efficiency and accuracy in design. It provides a seamless solution for digital manufacturing, streamlining production and guaranteeing precision-fit restorations. **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, or **scan the QR code** to download the Digital Library today, and take your dental practice to new heights.

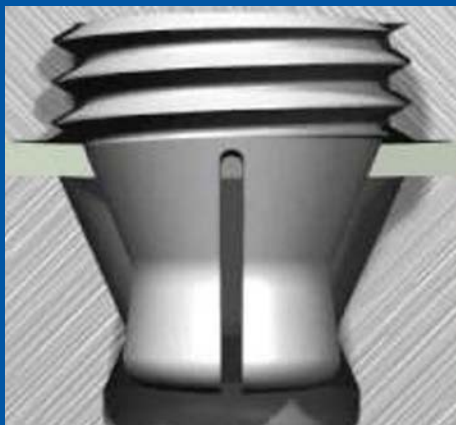


Explore our website at www.hader.eu to access a wealth of resources, including user guides, inspiring design videos, brochures, and many more valuable tools to enhance your experience. Dive into a world of innovation and excellence today!

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.

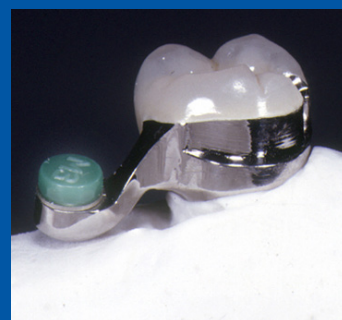


HADER RX

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 AESTHETICS & 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
		
	M3	5051111-2
	Hader RX Spring Pin Rigid 2 PCS PALLAX	
	M3	5051032-2
	Hader RX Spring Pin Long 2 PCS	
	Extra long spring pin (0.3 mm longer). PALLAX..	
	M2	5051043-2
	M3	5051017-2


Hader RX Spring Pin with Larger Head 2 PCS

Removable spring pin. PALLAX. For worn females, use one of the spring pins with larger head. Use the spring pin indicator set (5051078) to verify the diameter of the female.		Larger head Red Ø1.95mm Blue Ø2.02mm Black Ø2.09mm M2: Ø2 mm H: 2.7 mm 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


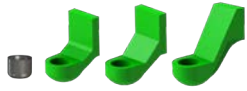
02 | Attachment Systems

THREADED BASES

	Hader RX Retention Part Bonding 2 PCS 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
	M3 Dummy Green 10 PCS	5051084-10
	Hader RX Retention Part Soldering PALLAX 2 PCS	
	M2	5051011-2
	M3	5051030-2
	Hader RX M3 Base Ring for Soldering PALLAX	
	M3	5051008-1


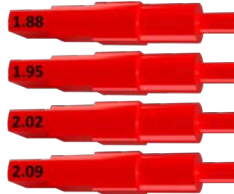
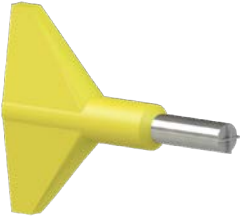









	Hader RX Winged Retention Part 2 PCS Retention part for winged fixation in acrylic resin. TITANAX. No soldering. Do not heat.	
	M2	5051037-2
	M3	5051027-2
	Hader RX Circular Retention Part 2 PCS Retention part for circular fixation in acrylic resin. TITANAX. No soldering. Do not heat.	
	M2	5051039-2
	M3	5051028-2
	Hader Threaded Base Ring For cast-on technique. H 1.3 mm - Ø 3.4 mm - M2	
	IRAX For precious alloys	5011037-1
	NOPRAX For non-precious alloys	5011038-1

FEMALE COMPONENTS

	Hader RX Female TITANAX 2 PCS For bonding technique.	
	M2	5051013-2
	M3	5051018-2
	Hader RX Female TITANAX with Keepers 3 Plastic keepers (30°, 45°, 60°) with female for bonding technique.	
	M2	5051117-1
	M3	5051118-1

	Hader RX Axial TITANAX Female with Keeper Female in TITANAX with plastic keeper for bonding in post copings or bar constructions.	
	M2	5051120-1
	M3	5051119-1
	Hader RX M3 Axial Female TITANAX For retention in acrylic resin.	
	M3	5051025-1

HADER RX TOOLS

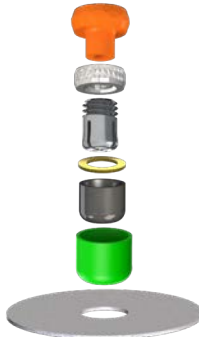
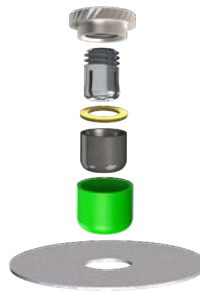





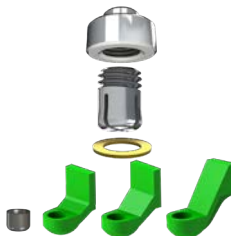
	Hader RX Activating tool	5051004-1		Spring Pin Indicator Set	5051078
	Activating tool and screw-driver.			Set of 4 indicators to verify the diameter of the females. (1.88, 1.95, 2.02, 2.09)	
	Hader RX Laboratory Key	5051094-1		Hader RX Retention Adjusting Accessory	5051086-1
	For M2 and M3. Lab use only			Instrument to deactivate spring Pins. For M2 and M3. For lab use only.	
	Hader RX Paralleling Mandrel Axial	For axial base rings. Lab use only.		Hader RX Paralleling Mandrel for Females	5051046-1
	M2	5051047-1		For extracoronar females. Lab use only.	
	M3	5051044-1			
	Hader RX Paralleling Mandrel Profile	For green male keepers. Lab use only.		Hader RX Bonding and Sandblasting Tool	5051089-1
	M2	5051048-1		Paralleling mandrel for fixing and sandblasting TITANAX females. For lab use only.	
	M3	5051045-1			
	Hader RX Soldering Accessory 2 PCS	Soldering accessory for extracoronar retention parts. For lab use only.		Hader RX Diamond Drill 2 PCS	5051001-2
	M2	5051093-2		Diamond bur for the bonding technique. For lab use only.	
	M3	5051005-2			
	Hader RX Axial Soldering Accessory 2 PCS	For axial base rings. Lab use only.		Hader RX Carbide Drill	5051002-1
	M2	5051051-2		Carbide bur with smooth stop for the metal sleeve. For lab use only.	
	M3	5051049-2			

02 | Attachment Systems


HADER RX TOOLS

	Hader RX Male Impression Tool 2 PCS For axial attachments. To be used with the female impression tool 5011043 or 5051110.			Hader RX Space Maintainer 10 PCS Stainless steel. 0.3 mm thick.	
	M2	5011044-2		M2	5051077-10
	M3	5051109-2		M3	5051076-10
	Hader RX Female Impression Tool 2 PCS + 2 Space Maintainer To be used with the male 5051109, or with the spring pin, space maintainer and the female analogue 5051088.			Hader RX Large Space Maintainer Tinfoil. 0.4 mm thickness for resilient constructions. For lab use only.	
	M2	5011043-2		M2	5011036-1
	M3	5051110-2		M3	5051083-1
	Hader RX Female Analogue 2 PCS + 2 Space Maintainer For repair and rebasing technique. For lab use only..			Hader RX Resilient Working Dummy 2 PCS Stainless steel. Lab use only.	
	M2	5051092-2		M2	5051091-2
	M3	5051088-2		M3	5051087-2
	Hader RX Protection Cap 2 PCS Protection cap in TITANAX for threading into the base ring.			Hader RX Build-Up & Milling Plastic Wax	
	M2	5011039-2		5051096-1 Wax with plastic filler for the build-up and milling technique. For lab use only.	

HADER RX KITS

	DESCRIPTION			DESCRIPTION	
	Hader RX TITANAX Bonding Kit Axial			Hader RX TITANAX Acrylic Kit Axial	
	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			
	Hader RX TITANAX Bonding Kit Extracoral			Hader RX TITANAX Soldering Kit Axial	
	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			
	Hader RX TITANAX Winged Acrylic Kit			Hader RX TITANAX Circular Acrylic Kit	
	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			
	Hader RX M3 PLATIRAX Acrylic Kit			Hader RX TITANAX Soldering Kit	
	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 M3 PLATIRAX Bonding Kit	
	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	
	Resilient	5052019
	Rigid	5052022



	Hader RX M3 PLATIRAX Soldering Kit	
	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	
	Resilient	5052020
	Rigid	5052023


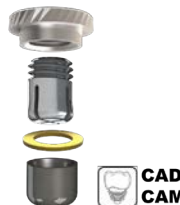
HADER RX CAD-CAM KITS



**CAD
CAM**

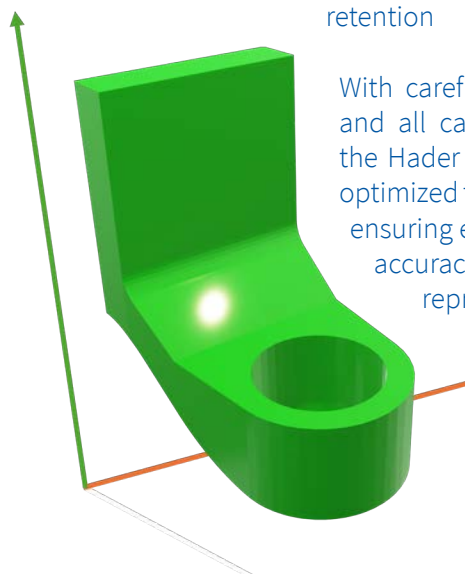
Kits carefully designed
for CAD-CAM users.

	DESCRIPTION	
	Hader RX TITANAX Bonding Kit CAD-CAM	
	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	
	M2	5052013
	M3	5052005
	Hader RX TITANAX Winged Acrylic Kit CAD-CAM	
	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	
	M2	5052011
	M3	5052003

	DESCRIPTION	
	Hader RX TITANAX Soldering Kit CAD-CAM	
	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	
	M2	5052009
	M3	5052001
	Hader RX TITANAX Circular Acrylic Kit CAD-CAM	
	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	
	M2	5052015
	M3	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.

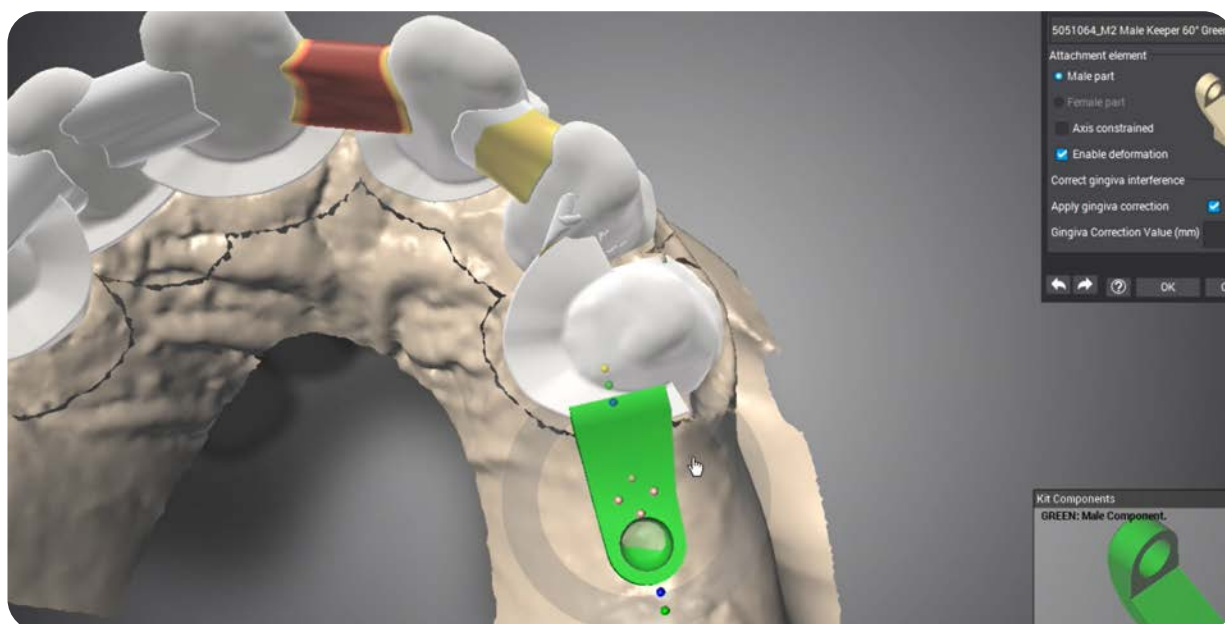


With carefully designed CAD-CAM kits and all castable patterns available in the Hader Digital Library, **Hader RX** is optimized for modern digital workflows, ensuring efficient production, superior accuracy, and a precise fit. **Hader RX** represents a classic attachment system, now enhanced for the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

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

Rounded: L: 50mm - Ø: 1.8mm

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

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

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

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

	DESCRIPTION	
	Lateral Retention 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	
	Occlusal Retention 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	
	Bar Standard Paralleling Mandrel For lab use only.	
	5061001-1	

MINI PARALLELING MANDREL

	DESCRIPTION	
	Bar Mini Paralleling Mandrel 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 components 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, 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: * Exocad Digital Library

Company * Exocad Digital Library

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:

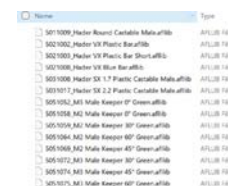
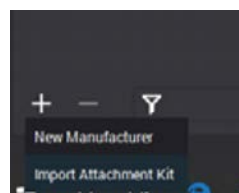
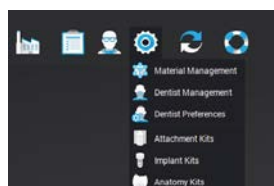


Save the library to a location on your PC or laptop that can be easily accessed by the user.

1. On the SETTINGS menu, select ATTACHMENT KITS

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

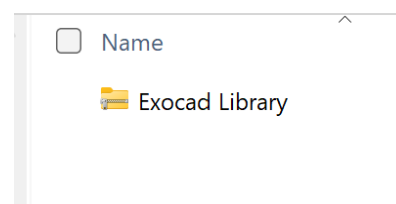
3. Select all Hader Attachments and click OPEN



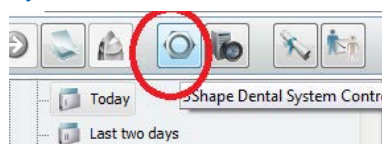
1. Unzip the Exocad Library Folder and copy it

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

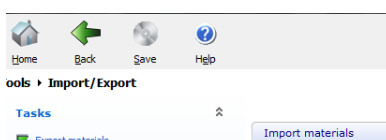
3. Paste the Exocad Library folder



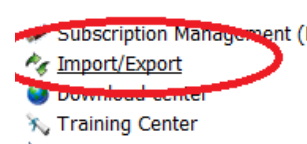
1. Open the 3Shape Dental System Control Panel



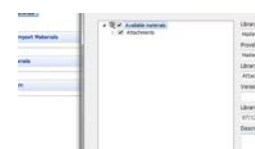
3. Select "Import Materials"



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 ambitious skipper. Many sailors with big names in ocean racing have participated in it.

For more information visit:
benoitalt.ch
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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