

 **ALPHABOND** dental

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**HADER**  
SOLUTIONS

**60** YEARS  
ANNIVERSARY  
1963 - 2023

*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*

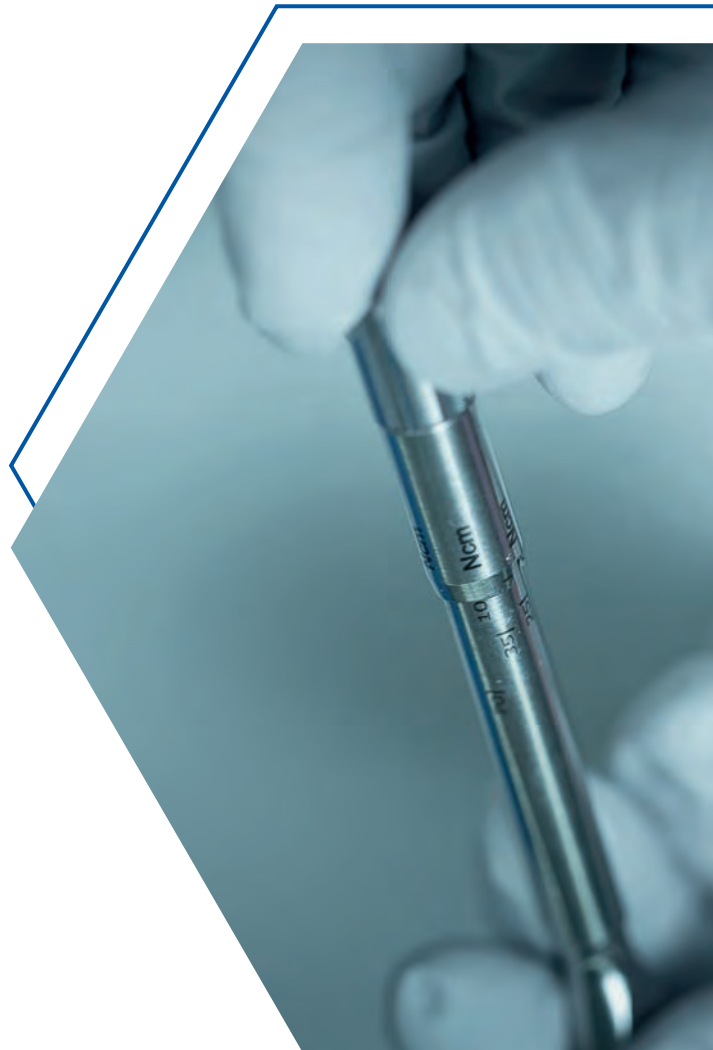
Solutions to enhance life quality

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



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



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## 01 | Instruments & Solutions

### IMPLANT BUDDY KIT

Service 99% of implants with the Hader Implant Buddy

The kit of drivers that features:

- Short and long drivers, color-coded for easy visibility
- Tapered driver tips for a stronger implant screw connection
- Convenient thumb knob fits directly into torque drivers
- Magnetic base that keeps all components secure and in place
- Entire Implant Buddy can be sterilized

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

#### 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

	<b>Implant Buddy Dental</b>	1012046-1	Prosthetic Connections (long and short) included: <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 – Ankylos</li> </ul>
	<b>Implant Buddy Dental with OMEGA</b>	1012045	
	<b>Implant Buddy Lab</b>	1012047-1	Dental implant driver kit for laboratory use  Prosthetic Connections (long and short) included: <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 – Ankylos</li> </ul>
	<b>Implant Buddy Latch</b>	1012048-1	Latch-Type Dental Implant Driver Set  Prosthetic Connections included: <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 – Ankylos</li> <li>- Multi-Unit Driver</li> </ul>
	<b>Implant Buddy Latch with OMEGA</b>	1012049	

## IMPLANT BUDDY INDIVIDUAL COMPONENTS 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	Straight implant systems
		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

## 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	Straight implant systems
		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



## IMPLANT BUDDY

### INDIVIDUAL COMPONENTS

### 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

### TORQUE WRENCHES

- 4mm square drive connection – Works hand in hand with the Implant Buddy driver set
- High precision calibrated torque
- Consistent and accurate – Guaranteed to be accurate to 6000 clicks, 300 sterilization cycles, or 3 years!
- User friendly – Easy ergonomic handle, autoclavable, simple maintenance
- CE marked

#### LUCKY



Fixed torque at 10 Ncm, 25 Ncm, 50 Ncm and 70 Ncm

Length: 100 mm

DESCRIPTION	REFERENCE
10 Ncm	1021001-1
35 Ncm	1021003-1
50 Ncm	1021004-1
70 Ncm	1021002-1

#### OMEGA




Adjustable torque - 10 Ncm to 70 Ncm

Length: 94 mm

DESCRIPTION	REFERENCE
OMEGA Torque Wrench	1031003-1

## RET WIRE (LAB USE ONLY)

	PART NAME	REFERENCE	DESCRIPTION
	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
	Refill Ret Wire	1041002-1	Anodized wire (1.05mm diameter) to provide retention in denture material 13 pieces of 80 mm long anodized wire
	Ret Wire Spare Drills 3 PCS	1041003-3	3 twist drills for hand piece Used to prepare a threaded recess in denture teeth for the wire
	Ret Wire Tool	1041012-1	Handling tool for the ret wire kit

## 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.
	Bidra Conversion Smart Polishing Cap, Short	1041007-1	Lab use only
	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

### POSTS MOOSER SYSTEM





	PART NAME	REFERENCE	MEASUREMENT	DESCRIPTION
Reamers 	Blue	1051002-1	Tip Ø: 1 mm Cone: 2°30'	Root canal reamer for Mooser system.
	Yellow	1051003-1	Tip Ø: 0.8 mm Cone: 2°30'	
Posts for Lab Use Only 	Blue	1051007-50	Length: 16.82mm Tip Ø: 1 mm Cone: 2°30'	Plastic M post for laboratory use. 50 pieces blue.
	Yellow	1051008-50	Length: 14.5mm Tip Ø: 0.8 mm Cone: 2°30'	Plastic M post for laboratory use. 50 pieces yellow.
	Blue / Yellow	1052001		Plastic M post for laboratory use. 50 pieces yellow + 50 pieces blue.
Posts for Dentists 	Blue	1051009-50	Length: 16.97mm Tip Ø: 1 mm Cone: 2°30'	Plastic M post for dentist use. 50 pieces blue.
	Yellow	1051010-50	Length: 14.4mm Tip Ø: 0.8 mm Cone: 2°30'	Plastic M post for dentist use. 50 pieces yellow.
	Blue / Yellow	1052002		Plastic M post for dentist use. 50 pieces yellow + 50 pieces blue.
	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 CC SYSTEM




	PART NAME	REFERENCE	MEASUREMENT	DESCRIPTION
Post for Lab  	Yellow A	1051011-50	Ø 1.40 mm Tip Ø 0.65 mm Cone: 4.60 mm Length: 16.60mm	Plastic CC post for laboratory use. 50 pieces yellow.
	Red B	1051012-50	Ø 1.60 mm Tip Ø 0.70 mm Cone: 5.30 mm Length: 18.60mm	Plastic CC post for laboratory use. 50 pieces red.
	Blue C	1051013-50	Ø 1.80 mm Tip: Ø 0.75 mm Cone: 6.30 mm Length: 20 mm	Plastic CC post for laboratory use. 50 pieces blue.
	Green D	1051014-50	Ø 2 mm Tip Ø 0.80 mm Cone: 7.05 mm Length: 22.40mm	Plastic CC post for laboratory use. 50 pieces green.
	Post CC Kit A	1052004		50x Yellow posts 50x Red posts 50x Blue posts 50x Green posts  Lab use only.
	Post CC Kit B	1052005		20x Yellow posts 15x Red posts 10x Blue posts 5x Green posts  Lab use only.

## 01 | Instruments &amp; Solutions

## SPECIALTIES

	PART NAME	REFERENCE	DESCRIPTION
	Multi Composite	1041015-1	Colourless, purely chemical curing attachment composite for adhesive bonding of zirconia constructions to restorations made of zirconia, stainless steel, non-stainless steel and ceramic.  2x Multi composite x 4g 6x Automix tips
	Multi Composite O	1041018-1	Fluorescent white, purely chemical curing attachment composite for adhesive bonding of zirconia constructions to restorations made of zirconia, stainless steel, non-stainless steel and ceramic.  2x Multi composite O x 4g 6x Automix tips
	Multi Primer	1041016-1	Multi Primer 5ml
	Mix Tips 20 PCS	1041017-20	20 pieces

## SPECIALTIES

	PART NAME	REFERENCE	DESCRIPTION
	Latex-Sep 15ml	1041014-1	<p>Latex-Sep is a latex-based separator, spacer and release agent for multiple dental applications.</p> <p>For lab use only.</p>
	3-CP 20g	1041019-1	<p>Crystalline powder to improve light reflection and aesthetics avoiding yellow-green discolouration during the production of artificial teeth.</p> <p>Store in a well-sealed package in a dry place.</p> <p>Lab use only</p>
	SITE B	1041020-1	<p>Bonding composite for fixing TITANAX retention parts and other parts to be cemented.</p>

## 02 | Attachment Systems

### HADER CX INDIVIDUAL COMPONENTS

The Hader CX Dental Attachment System, a game-changer in dental technology.

Its design allows the female component to engage all around the ball, providing an increased area of retention for the utmost stability and confidence for your patients.

A distinctive advantage of the CX system is an audible click, which provides immediate tactile feedback and peace of mind to the user.

When the need for servicing arises, the Hader CX does not disappoint. With three retention options for females and replaceable threaded males, maintaining these attachments is both efficient

and cost-effective.



The standout feature of the Hader CX System is the remarkable ability to parallelize the female components. If the males are not aligned in perfect parallel, our exclusive paralleling mandrel allows for quick and precise adjustments without sacrificing any retention or stability.




The Hader CX Dental Attachment System is designed with user flexibility in mind. Whether it is crafting a prosthesis over post copings, implants, overdenture bars, or 30, 45, or 60-degree extracoronal partial dentures, the CX system is your go-to solution.




#### 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

#### 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 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
	<b>Hader Round Plastic Ring</b>	
		5011007-1
	Plastic ring for the Hader Round female attachment. H: 1.65 mm - Ø 3.5 mm x Ø 2.9 mm	

	<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.	










## MALE COMPONENTS

	<b>Hader CX Male Plastic Keeper Patterns</b> 5011041-1	Four angles (0°, 30°, 45°, and 60°) for axial and extracoronar structures. Lab use only.
	<b>Hader Cemented Male Base</b> 5011042-1	Base in TITANAX with M2 threading for Hader CX males. H: 1.9 mm - Ø 2.3 mm
	<b>Hader Threaded Base Ring</b> 5011037-1 5011038-1	This Threaded Base Ring serves as a support for the Threaded Males. H 1.3 mm - Ø 3.4 mm - M2
	<b>Hader CX TITANAX Male</b> 5011025-1	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> 5011010-1 5011011-1	Removable spherical male in TITANAX for threading into a M2 base ring. Ø 2.25 mm - Hex: 0.9 mm»
	<b>Hader CX Castable Male</b> 5011009-1 5011009-50	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>Hader CX Green Castable Male Pattern</b> 5011027-1 5011027-50	Male for casting of hard alloys. Total H: 3.95 mm Ball H: 2.05 mm - Ø 2.25 mm

## 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> 5011005-1 5011011	Latch Type Square Type








	<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 Paralleling Mandrel</b> 5011034-1 5011035-1	Male Female
	<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

## 02 | Attachment Systems

### HADER CX STARTER KITS









	DESCRIPTION
 <p>The image shows the components of the Hader CX Dentists Starter Kit 001. It includes two yellow Hader CX 014 posts, a silver and a red ball, a silver and a red female component, a silver and a red male component, a silver and a red insertion tool, a silver and a red bur set, a silver and a red combo female, a silver and a red insertion tool, and a silver and a red model analog with o-rings.</p>	<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: 2x Hader CX 014 1x CX bur set 1x CX combo females 1x CX insertion tool 2x CX model analog + o-rings</p>
 <p>The image shows the components of the Hader CX Dentists Starter Kit 002. It includes two yellow Hader CX 012 posts, a silver and a red ball, a silver and a red female component, a silver and a red male component, a silver and a red insertion tool, a silver and a red bur set, a silver and a red combo female, a silver and a red insertion tool, a silver and a red female impression tool, a silver and a red male impression tool, a silver and a red screwdriver, and a silver and a red model analog with o-rings.</p>	<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: 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>
 <p>The image shows the components of the Hader CX Lab Starter Kit 003. It includes two yellow Hader CX 002 posts, a silver and a red ball, a silver and a red female component, a silver and a red male component, a silver and a red insertion tool, a silver and a red bur set, a silver and a red male paralleling mandrel, a silver and a red cup bur, and a silver and a red insertion tool.</p>	<p>5013003 <b>Hader CX Lab Starter Kit 003</b></p> <p>Starter kit for lab.</p> <p>Includes: 2x Hader CX 002 1x CX male paralleling mandrel 1x CX cup bur 1x CX insertion tool</p>

## 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 or bars.</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>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>5012003 <b>Hader CX 003</b></p> <p>Axial attachment with plastic male for incorporation into post copings or bars 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>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>
	<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>		

## 02 | Attachment Systems

### HADER CX KITS

	DESCRIPTION		DESCRIPTION
	<p><b>5012009</b> <b>Hader CX 009</b></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><b>5012013</b> <b>Hader CX 013</b></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><b>5012010</b> <b>Hader CX 010</b></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><b>5012014</b> <b>Hader CX 014</b></p> <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>
	<p><b>5012011</b> <b>Hader CX 011</b></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><b>5012015</b> <b>Hader CX 015</b></p> <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>
	<p><b>5012012</b> <b>Hader CX 012</b></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><b>5012022</b> <b>Hader CX 022</b></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>

## 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>

## 02 | Attachment Systems

### HADER VX INDIVIDUAL COMPONENTS

The Hader VX Attachment System: A Legacy of Versatility, Security, and Unmatched Value.

The Hader VX has earned its reputation as the most popular and versatile bar attachment globally. With decades of clinical success, it is the trusted choice for dental professionals everywhere.

When it comes to patient satisfaction and security, the Hader VX excels. It offers the best retention for prostheses, providing your patients with unwavering confidence in their dental solutions.

With three levels of retention and easily replaceable plastic females, servicing becomes a hassle-free, cost-effective endeavor.

The Hader VX system allows dental professionals to craft prostheses over a bar or use it as an extracoronal attachment, providing exceptional flexibility in treatment options.

When used as an extracoronal attachment, the Hader VX does not compromise on aesthetics. It combines superb retention with visually pleasing results, ensuring both functionality and a beautiful smile.



### 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
White 6 PCS	5021011-6
Red 30 PCS	5021012-30
Red 6 PCS	5021012-6
	Combo Females 6 PCS
Set of 6 Hader VX female inserts. 2 yellow - 2 red - 2 white	
Combo Females 6 PCS	5021022
Set of 50 Hader VX female inserts. 25 yellow - 10 red - 15 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

## HADER VX INDIVIDUAL COMPONENTS





### CASTABLE ELEMENTS

	<b>Hader VX Vertical Bar</b> 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
	<b>Hader VX Vertical Cast Element</b> 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

	<b>Hader VX Plastic Bar</b> Plastic Bar model for the manufacturing of the metal structure. The low bar is for low-height. articulation. - Lab use only. L: 50 mm H: 8.25mm standard - 4.00 mm short (may be reduced to 3.0 mm)	
	Standard 30 PCS	5021002-30
	Standard 6 PCS	5021002-6
	Short 30 PCS	5021003-30
	Short 6 PCS	5021003-6

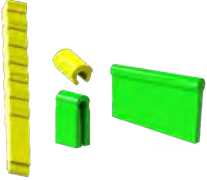

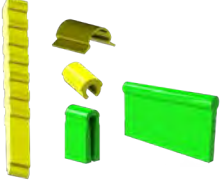
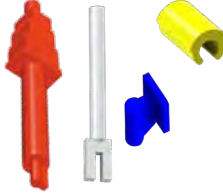
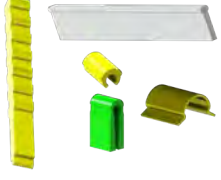
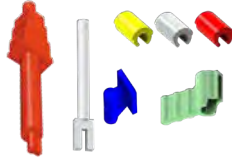
### HADER VX TOOLS

	<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 Paralleling Mandrel</b>	
	Male	5021006-1
	Female	5021007-1
	<b>Hader VX Guide Vertical</b> Plastic mandrel for the VX vertical bar. L: 26 mm	
	1 PCS	5021016-1
	50 PCS	5021016-50
	<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	

	<b>Hader VX Insertion Tool - Yellow</b> Used to insert plastic females in dentures over bars. L: 47.2 mm	
	1 PCS	5021014-1
	50 PCS	5021014-50
	<b>Hader VX Insertion Tool - Red</b> 5021015-1	
	<b>Hader VX Analog Vertical</b> 2 PCS 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</b> 2 PCS 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	

## 02 | Attachment Systems

### 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>5022004 <b>Hader VX Service Kit</b></p> <p>Hader VX service kit with replaceable male and female components.</p> <p>1x white delrin analog bar 2x VX yellow female 2x VX processing spacers 1x VX yellow insertion tool 2x VX traditional 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>

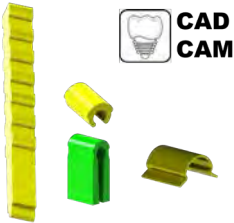




## HADER VX KITS

	DESCRIPTION		DESCRIPTION
	<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>5022011 <b>Hader VX Service Alignment Kit</b></p> <p>Hader VX service kit with replaceable male and female components.</p> <p>1x white delrin analog bar 2x VX yellow female 2x VX processing spacers 1x VX insertion tool 2x VX alignment metal housing</p>



Kits carefully designed for CAD-CAM users.

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

## 02 | Attachment Systems

### HADER SX INDIVIDUAL COMPONENTS

The Hader SX Attachment System: Where Aesthetics Meets Precision and Versatility

Featuring a sagittal ball attachment with a segmented female, the Hader SX excels in partial dentures and implant bar applications, providing a superior level of precision and flexibility.

Hader SX is available in two ball sizes, the Mini 1.7 mm and Standard 2.2 mm, ensuring a tailored solution for every patient.

The Mini SX, requiring only 3.1 mm of space, is an ideal choice for cases with limited room, offering a solution where space is a premium.

The replaceable plastic female, available in three retention levels, can be seamlessly incorporated into the framework or housed inside our exclusive metal housing. The male component offers various options, including plastic to cast in a hard alloy, NOPRAX for non-precious alloys and a threaded male with a special cast-on base ring.

#### FEMALE COMPONENTS

Hader SX Female Inserts		Hader SX Metal Housing		
	3 retention levels: White (Reduced) Yellow (Standard) Red (Increased)	SX 1.7 H: 3.1 mm Ø: 3.1 mm	SX 1.7 H: 3.3 mm - W: 3.8 mm - L: 9.1 mm	
		SX 2.2 H: 4.1 mm Ø: 4.2 mm	SX 2.2 H: 4.5 mm - W: 4.9 mm - L: 9.5 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				
		<b>Hader SX Female Duplicate Dummy</b> 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	

## 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
	<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
	<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	
	5031018-2 5031018-20	
	<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	
	IRAX	5011037-1
	NOPRAX	5011038-1
	<b>Hader SX Universal Threaded Ball 2.2</b>	
	M2 - Ø 3.6 mm - H: 4.2 mm	

### HADER SX TOOLS

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

## 02 | Attachment Systems

### HADER SX STARTER KITS

	DESCRIPTION
 <p>The image shows the components of the Hader SX Starter Kit Plastic Male. It includes two blue castable plastic males (1.7 and 2.2 sizes), two yellow female inserts (normal retention), two white female inserts (reduced retention), two pink female inserts (normal retention), and two red female inserts (increased retention). There are also two duplicating dummies (1.7 and 2.2 sizes), one universal paralleling mandrel, and one 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 (1.7 and 2.2 sizes), two yellow female inserts (normal retention), two white female inserts (reduced retention), two pink female inserts (normal retention), and two red female inserts (increased retention). There are also two duplicating dummies (1.7 and 2.2 sizes), one universal paralleling mandrel, and one 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>

## 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	
	<b>5032009 Hader SX Complete Threaded Male CAD-CAM</b>	
	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	
	<b>5032012 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	
	<b>5032010 Hader SX Complete Threaded Male w/Housing CAD-CAM</b>	
	Ideal for CAD-CAM bars or all dental alloys. 2.2mm only	
	1x SX titanium 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	
	<b>5032011 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	

## 02 | Attachment Systems

### HADER RX INDIVIDUAL COMPONENTS

The Hader RX, where innovation meets reliability to revolutionize the dental field. These versatile male spring pins, available in the sizes, M2 and M3, are engineered to provide resilience and rigidity, ensuring precise engagement with the females. Ideal for a wide range of applications, from over bars and post copings to extracoronal constructions, the Hader RX system offers unmatched flexibility.






When space allows, we recommend opting for the M3 size for enhanced stability. For extracoronal use, our males come in three different angulations

(30°, 45°, and 60°), ensuring a periodontal-friendly design and impeccable aesthetics. With over 60 years of clinical use, Hader RX has earned the trust of dentists and dental technicians worldwide for its proven security and patient satisfaction.

Hader RX is easy to service, as males can be effortlessly replaced. For cases involving worn females, we offer slightly larger males.









Hader RX, a name synonymous with confidence and security. Keeping prostheses attached and patients delighted.

#### MALE COMPONENTS



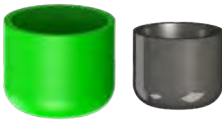


	<b>Hader RX Spring Pin Resilient 2 PCS</b> PALLAX. Standard head - Ø 1.88 mm M2: Ø2 mm - H: 2.7 mm M3: Ø3 mm - H: 3.15 mm 2 spring pins + 2 space maintainers	
	M2	5051112-2
	<b>Hader RX Spring Pin Resilient 2 PCS</b> PALLAX. Standard head - Ø 1.88 mm M2: Ø2 mm - H: 2.7 mm M3: Ø3 mm - H: 3.15 mm 2 spring pins + 2 space maintainers	
	M3	5051111-2
	<b>Hader RX Spring Pin Rigid 2 PCS</b> PALLAX 2 spring pins	
	M3	5051032-2
	<b>Hader RX Spring Pin Long 2 PCS</b> Extra long spring pin (0.3 mm longer). PALLAX. 2 pieces.	
	M2	5051043-2
	M3	5051017-2
	<b>Hader RX Spring Pin with Larger Head 2 PCS</b> Removable spring pin. PALLAX. 2 PCS 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	
	<b>M2 Resilient Red 1.95</b>	
	<b>M2 Resilient Blue 2.02</b>	
	<b>M3 Resilient Red 1.95</b>	
	<b>M3 Resilient Blue 2.02</b>	
	<b>M3 Resilient Black 2.09</b>	
	<b>M3 Rigid Red 1.95</b>	
	<b>M3 Rigid Blue 2.02</b>	
<b>M3 Rigid Black 2.09</b>		

## HADER RX INDIVIDUAL COMPONENTS

### 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
	M3 Dummy Green 10 PCS	5051084-10
	<b>Hader RX Retention Part Soldering PALLAX 2 PCS</b> Retention part for soldering. PALLAX. 2 Pieces.	
	M2	5051011-2
	M3	5051030-2
	<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
	M3	5051027-2
	<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
	M3	5051028-2
	<b>Hader Threaded Base Ring</b> For cast-on technique.	
	IRAX	5011037-1
	NOPRAX	5011038-1


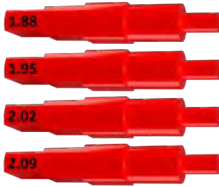










### FEMALE COMPONENTS

	<b>Hader RX Female TITANAX 2 PCS</b> For bonding technique.	
	M2	5051013-2
	M3	5051018-2
	<b>Hader RX Female TITANAX with Keepers</b> 3 Plastic keepers (30°, 45°, 60°) with female for bonding technique.	
	M2	5051117-1
	M3	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
	M3	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
	IRAX	5051026-1
	<b>Hader RX M3 Cast-on Female</b>	
	PLATIRAX	5051099-1

## 02 | Attachment Systems

### HADER RX INDIVIDUAL COMPONENTS

#### 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.			Instrument to deactivate spring Pins. For M2 and M3. For lab use only.	
	Hader RX Paralleling Mandrel Axial			Hader RX Paralleling Mandrel for Females	5051046-1
	For axial base rings. Lab use only.			For extracoronar females. Lab use only.	
	M2	5051047-1			
	M3	5051044-1			
	Hader RX Paralleling Mandrel Profile			Hader RX Bonding and Sandblasting Tool	5051089-1
	For green male keepers. Lab use only.			Paralleling mandrel for fixing and sandblasting TITANAX females. For lab use only.	
	M2	5051048-1			
	M3	5051045-1			
	Hader RX Soldering Accessory 2 PCS			Hader RX Diamond Drill 2 PCS	5051001-2
	Soldering accessory for extracoronar retention parts. For lab use only.			Diamond bur for the bonding technique. For lab use only. 2 PCS	
	M2	5051093-2			
	M3	5051005-2			
	Hader RX Axial Soldering Accessory 2 PCS			Hader RX Carbide Drill	5051002-1
	For axial base rings. Lab use only.			Carbide bur with smooth stop for the metal sleeve. For lab use only.	
	M2	5051051-2			
	M3	5051049-2			



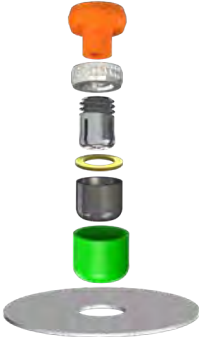
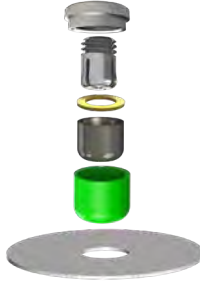






## HADER RX INDIVIDUAL COMPONENTS

### HADER RX TOOLS


	<b>Hader RX Male Impression Tool</b> 2 PCS For axial attachments. To be used with the female impression tool 5011043 or 5051110.			<b>Hader RX Space Maintainer</b> Stainless steel. 0.3 mm thick. 10 PCS	
	M2	5011044-2		M2	5051077-10
	M3	5051109-2		M3	5051076-10
	<b>Hader RX Female Impression Tool</b> 2 PCS + 2 Space Maintainer To be used with the male 5051109, or with the spring pin, space maintainer and the 5051088.			<b>Hader RX Large Space Maintainer</b> 5051083-1	
	M2	5011043-2		Tinfoil. 0.4 mm thickness for resilient constructions. For lab use only.	
	M3	5051110-2			<b>Hader RX Resilient Working Dummy</b> 2 PCS Stainless steel. Lab use only. 2 pieces
M2	5011091-2	M2	5051091-2		
M3	5051087-2	M3	5051087-2		
	<b>Hader RX Female Analogue</b> 2 PCS + 2 Space Maintainer For repair and rebasing technique. For lab use only. 2 pieces.			<b>Hader RX Profile Plastic Wax</b> 5051095-4	
	M2	5051092-2		Wax with plastic filler in 2 x 8° patterns. For lab use only. 4 PCS	
	M3	5051088-2			<b>Hader RX Build-Up &amp; Milling Plastic Wax</b> 5051096-1
M2	5011039-2	Wax with plastic filler for the build-up and milling technique. Lab use only.			
M3	5051108-2				
	<b>Hader RX Protection Cap</b> Protection cap in TITANAX for threading into the base ring 2 PCS.				
	M2	5011039-2			
	M3	5051108-2			

## 02 | Attachment Systems

### HADER RX KITS

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



# 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	
	Resilient	5052019
	Rigid	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	
	Resilient	5052020
	Rigid	5052023



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	
	M2	5052013
	M3	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	
	M2	5052011
	M3	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	
	M2	5052009
	M3	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	
	M2	5052015
	M3	5052006

## 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
	Bar Oval Resilient Standard 5cm ORAX	
	1 PCS	5061010-1

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

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

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

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

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

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

**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

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

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

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

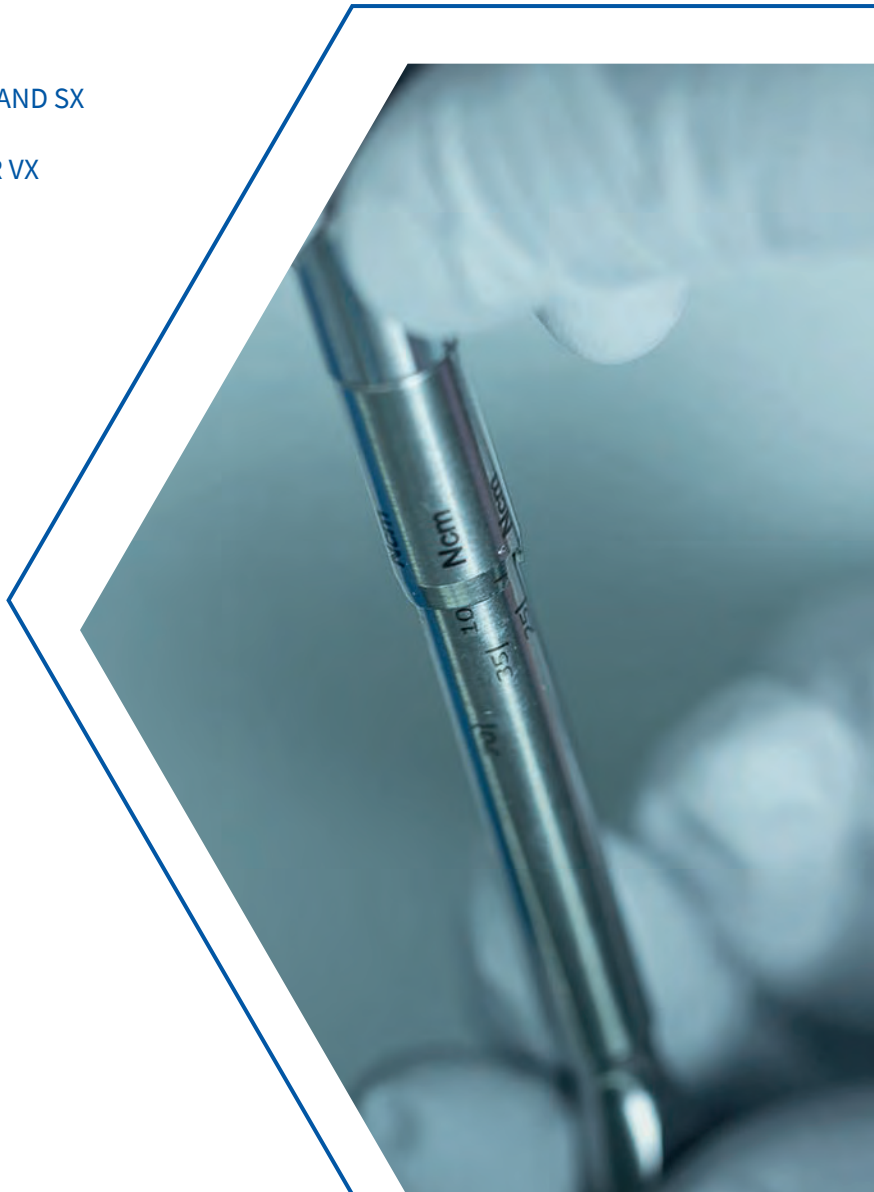
**TITANAX:** WHITE - TI 90 - AL 6 - V 4

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

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

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

**POLYPROPYLENE:** PLASTIC INSERTSHADER VX





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