



HADER
SOLUTIONS

CATALOGUE 2023



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 rebranded 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 LDT. is the "One-Stop Shop" that delivers on high quality, has CE markings conforming with the new MDR, and offers fair prices on implant components, attachments, and specialty prosthetic items in Europe.

CATALOGUE

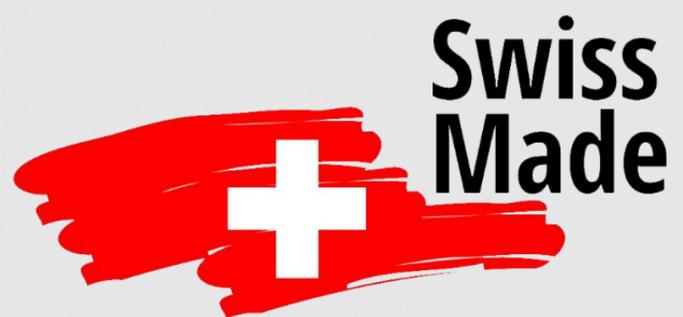
ENGLISH



MISSION

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.

- High Precision Components
- Advanced Technology
- Swiss Quality Standards
- 60 Years of Experience
- All of products are CE mark



DISTRIBUTORS

Scan the QR code for information about our distributors in Europe



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INSTRUMENTS & SOLUTIONS



*Implant Buddy Dental with Omega

IMPLANT BUDDY

KITS

Service 99% of implants with the Hader Implant Buddy Set

Dental Implant Driver Set Features:

- Both 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
- Prosthetic Connections (long and short) included:

IMPLANT BUDDY DENTAL

Short Drivers
Total length 17mm
Shaft length 6.5mm

Long Drivers
Total length 24mm
Shaft length 13.5mm

IMPLANT BUDDY LAB

Short Drivers
Total length 24mm
Shaft length 16mm

Long Drivers
Total length 40mm
Shaft length 32mm



1012045 **IBD - Implant Buddy Dental with OMEGA**

1012046 **IBD - Implant Buddy Dental**

- SCS Screwdriver – Straumann
- Angled Access Driver
- UniGrip Driver – Nobel Biocare
- Hex 1.3mm/.050 inch – BioHorizon, Astra, Zimmer
- Hex 1.25mm/.049 inch – Sweden&Martina
- Hex 1.2mm/.048 inch – 3i Systems, Megagen
- Hex 0.9mm/.035 inch – Ankylos



1012047 **IBD - Implant Buddy Lab**

- Straight Driver – Straight Systems
- SCS Screwdriver – Straumann
- Angled Access Driver
- UniGrip Driver – Nobel Biocare
- Hex 1.3mm/.050 inch – BioHorizon, Astra, Zimmer
- Hex 1.2mm/.048 inch – 3i Systems, Megagen
- Hex 0.9mm/.035 inch – Ankylos



1012048 **IBD - Implant Buddy Latch**

1012049 **IBD - Implant Buddy Latch with OMEGA**

The Implant Buddy LT / Latch-Type Driver Set has the same dental implant system connections as the original Implant Buddy Dental Implant Driver Set. The Implant Buddy LT is designed to work with Omega Adjustable Torque Wrench, as well as Right-Angled Driver.

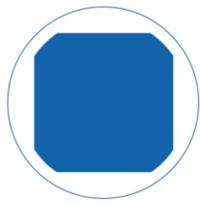
Total length: 24mm

- Straight Driver – Straight Systems
- SCS Screwdriver – Straumann
- Angled Access Driver
- UniGrip Driver – Nobel Biocare
- Hex 1.3mm/.050 inch – BioHorizon, Astra, Zimmer
- Hex 1.2mm/.048 inch – 3i Systems, Megagen
- Hex 0.9mm/.035 inch – Ankylos
- Multi-Unit Driver

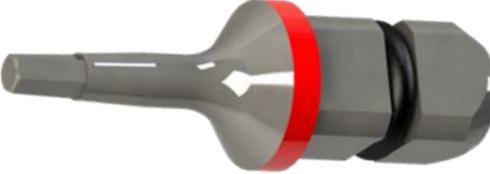
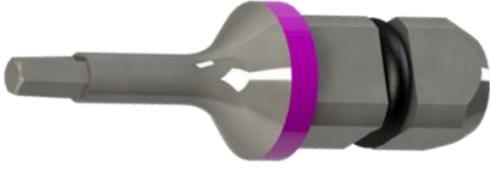
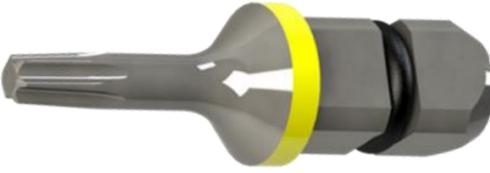
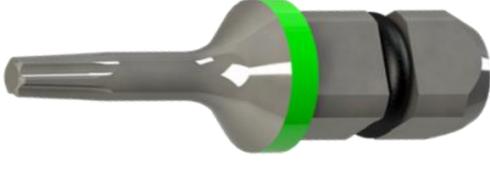
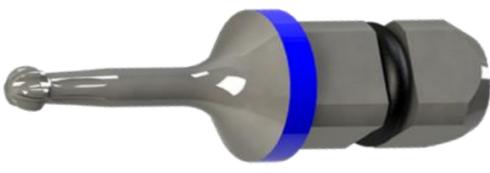


DRIVERS - LATCH TYPE

Driver	Total Length	Reference	Recommended for
 Hex 0.9 mm	17 mm	1011045	Recommended for Ankylos implant systems.
	24 mm	1011016	
 Hex 1.2 mm	17 mm	1011017	Recommended for Biomet 3i and MegaGen
	24 mm	1011018	
 Hex 1.25 mm	17 mm	1011005	Recommended for Sweden & Martina implant systems
	24 mm	1011006	
 Hex 1.3 mm	17 mm	1011046	Recommended for Astra Tech, Zimmer and BioHorizons implant systems.
	24 mm	1011020	
 SCS	17 mm	1011009	Recommended for Straumann implant systems.
	24 mm	1011010	
 Unigrip	17 mm	1011011	Recommended for Nobel Biocare implant systems
	24 mm	1011012	
 Straight	17 mm	1011047	Recommended for Straight systems
	24 mm	1011019	
 Angled Screw Channel	17 mm	1011007	Recommended for angulated screw channel implant systems.
	24 mm	1011008	
 Multi-Unit	20 mm	1011021	Recommended for Multi-Unit Abutments
 Hader CX Ball	21 mm	1041005	Hader CX ball abutments



DRIVERS - SQUARE TYPE

Driver	Total Length	Reference	Recommended for	
	17 mm	1011022		
	Hex 0.9 mm	24 mm	1011023	Recommended for Ankylos implant systems.
	40 mm	1011024		
	17 mm	1011025		
	Hex 1.2 mm	24 mm	1011026	Recommended for Biomet 3i and MegaGen
	40 mm	1011027		
	17 mm	1011042		
	Hex 1.25 mm	24 mm	1011043	Recommended for Sweden & Martina implant systems
	40 mm	1011049		
	17 mm	1011028		
	Hex 1.3 mm	24 mm	1011029	Recommended for Astra Tech, Zimmer and BioHorizons implant systems
	40 mm	1011030		
	17 mm	1011036		
	SCS	24 mm	1011037	Recommended for Straumann implant systems.
	40 mm	1011038		
	17 mm	1011039		
	Unigrip	24 mm	1011040	Recommended for Nobel Biocare implant systems
	40 mm	1011041		
	17 mm	1011048		
	Straight	24 mm	1011034	Recommended for Straight systems
	40 mm	1011035		
	17 mm	1011031		
	Angled Screw Channel	24 mm	1011032	Recommended for angulated screw channel implant systems.
	40 mm	1011033		
Multi-Unit	20 mm	1011044	Recommended for Multi-Unit Abutments	
Hader CX Ball	21 mm	1041011	Hader CX ball abutments	

ACCESSORIES

Description	Reference	Measurements	Recommended for	
	IBD - Driver Thumb Knob - Lab	1011002	Ø10mm Length: 22mm	Use with compatible drivers for easier insertion of the screw
	IBD - Driver Thumb Knob - Dental	1011003	Ø8.2mm Length: 10mm Square: 4mm	
	IBD - Latch to Square Driver Insert	1011004		To allow square-connection torque wrenches to utilize latch-style drivers
	IBD - Driver Blocker (For lab use only)	1011001	Total Length: 70mm Ø 11mm	Handle for square type driver for laboratory use only



LUCKY

Features of the Lucky Torque Wrench:

- Universal Square Drive Connection – Works hand in hand with the Implant Buddy driver set
- High Precision Calibrated Torque – Fixed torque at 10Ncm, 35Ncm or 70Ncm
- 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

Description	Reference
LUCKY - Torque wrench 10 Ncm	1021001
LUCKY - Torque wrench 35 Ncm	1021002
LUCKY - Torque wrench 50 Ncm	1021004
LUCKY - Torque wrench 70 Ncm	1021003

Width: 6.55mm X 12.55mm Tail:Ø9mm
 Length:100mm
 HEX:3.50mm

OMEGA



- Universal Square Drive Connection Ø 4mm – Works hand in hand with the Implant Buddy driver set
- High Precision Adjustable Torque – Adjustable to 15 / 35 / 50 Ncm
- 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

Description	Reference
Torque Wrench OMEGA	1031003

Length: 94mm
 Torque value interval: 5Ncm
 Torque precision: ± 10% of max torque
 Weight: about 27g

WORKING AIDS

RET WIRE (For lab use only)



Description	Reference	Measurements	Recommended for
Kit Ret Wire	1041001	Ø8mm Length: 100mm	Titanium anodized wire for incorporation into predrilled openings in denture teeth, providing retention in acrylic resin or composite. Includes: • 1 Wire Holder • 3 Twist drills • 13 pieces of 80mm long anodized wire
Refill Ret Wire	1041002	M1 Length: 80mm	Titanium anodized wire (13 pieces x 80mm length) to provide retention in denture material
Spare Drills	1041003-3	Total length: 44.5mm 3 drills	3 Twist drills for hand piece Used to prepare a threaded recess in denture teeth for the wire
Ret Wire Tool	1041012		Tool for the ret wire kit



OTHERS

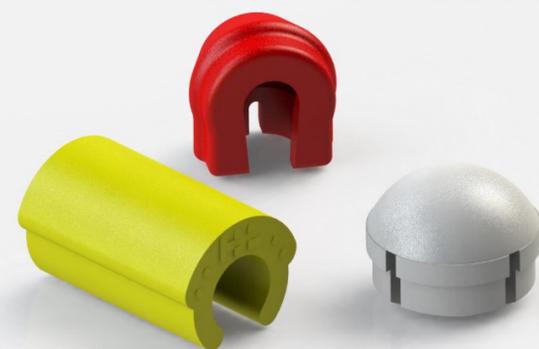
Description	Reference	Measurements	Recommended for
Stippling Mandrel (For lab use only)	1041004	Ø12.6mm Length: 54.2mm Øint: 5.18mm	• 1/4 inch shaft to fit most standard lathe chucks. • The Stippler accepts four burs –either #2, #4, or #6
Bidra Conversion Smart Polishing Cap (For lab use only)	1041006	Øext: 6mm Øint: 5mm Height: 3.4mm Thread: M1.4x0.3	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 Smart Polishing Cap, Short (For lab use only)	1041007		
Build-Up & Milling Plastic Wax (For lab use only)	5051096		Wax with plastic filler for the build-up and milling technique. For lab use only.



ATTACHMENTS SYSTEMS



HADER CX



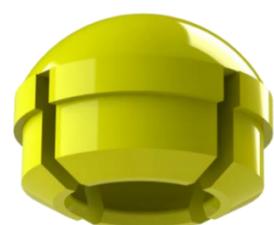
The Hader CX design allows the female to engage all around the ball for an increased area of retention. Besides far greater retention than other spherical systems, the CX offers the patient security of an audible click.

When servicing is required, three retentions of females are available, along with the option of replacing the threaded sphere.

Another unique feature of the CX System is the availability of a female paralleling mandrel. If the attachments are not parallel, the correction may be made by paralleling the female without sacrificing any retention or stability.

The basic premise of this attachment is to allow the user flexibility. The user can make an overdenture stud, overdenture bar, and 30, 45, or 60 degree (assures the best tooth and tissue alignment while reducing forces, assuring good hygienic access, and allowing maximum space for the removable partial denture) extracoronal partial denture from the same simple kit.

INDIVIDUAL COMPONENTS



Hader CX Female Clips

3 retention levels
White (Reduced)
Yellow (Standard)
Red (Increased)

5011019-30 **Yellow 30 UND**

5011019-6 **Yellow 6 UND**



5011020-30 **White 30 UND**

5011020-6 **White 6 UND**



5011021-30 **Red 30 UND**

5011021-6 **Red 6 UND**



5011002 **Hader CX Combo Females 6 UND**

Set of 6 Hader CX female inserts:
2 yellow, 2 white, 2 red



5011015

Hader CX Pre-Drilling Burr

Burr for right angle
Ø 1.2 mm

Pre-Drilling Burr used for root canal preparation



5011016

Hader CX Cavity Burr

Diamond burr with pilot post
Ø base: 3.55 mm

Cavity Burr to prepare the canal for the base of the 5011028 post



5011017

Hader CX Precision Reamer

Burr for right angle
Ø 1.36 mm

Precision Reamer to calibrate the diameter for the 5011028 post

Height: 2.65 mm
Ø 3.55 mm

Elastic plastic



5011018

Hader CX Cup Burr

5011001

Hader CX Burr Set

Set of 3 burs for root canal preparation prior cementation of a Hader CX post

Hader CX Round Castable Male
Spherical burn out male (2.25mm ϕ)
for incorporation into post
copings/bars



5011009-1 **1 UND**

5011009-50 **50 UD**

Height: 2.4 mm
 ϕ 2.25 mm
 ϕ base: 3.2 mm



Hader Round Female Component
Adjustable female for acrylic resin.
Includes plastic ring

5011003

Orax

Height: 2.8 mm
 ϕ 3 mm

5011005

Titanium

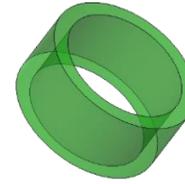
Hader CX Threaded Male Ball
Removable spherical male in Titanax
for threading into a base ring



5011010

Standard
Height: 2.8 mm

ϕ 2.25 mm
Threads: M 2
Internal hex:
0.9 mm



5011007-1

Hader Round Plastic Ring

Height : 1.65mm
 ϕ 3.5mm X ϕ 2.9mm

Plastic ring for the Hader Round female attachment.

5011011

Long
Height: 3.1 mm



5011008-2

Hader Round Model Analog
2 PCS

stainless steel
Total height: 16mm
 ϕ 2.25 mm

5011012-1 **Hader CX Activating tool**



stainless steel
Total length: 70 mm



Analog for laboratory fitting of the prosthesis.
2 Analogs + 2 O-Ring

Used to tighten the Hader Round segments and increase retention

Hader CX Metal Housing

5011013-1

Hader CX Deactivating tool



stainless steel
Total length: 70 mm



5011022-30

30 UND

Height: 2.65 mm
Thickness: 0.2 mm
 ϕ 4 mm

5011022-6

6 UND

Ti Grade 5

Used to spread the Hader Round segments and decrease retention

Hader CX Duplicating Female

Duplicating dummy of self-isolating plastic
for cast metal partial frames

5011014-1

Hader CX Insertion Tool



Total length:
67.5 mm



5011023-30

30 UND

Height: 2.8 mm
 ϕ 3.55 mm

5011023-6

6 UND

Isolating plastic

Tool to insert the plastic females into the CX metal housing

Hader CX Ball Abutment Driver



1041005

Latch Type

ϕ 3.81mm
Length:
21.2mm



5011024-6

Hader O-Ring Space Maintainer 6 UND

Height: 0.7 mm
 ϕ 1.8 mm

Rubber ring

1041011

Square Type

5011025 **Hader CX Titanax Male**



For cementation into a cast male keeper

Height: 3.95 mm
Ball he: 2.05 mm
Ø ball: 2.25 mm

Hader Threaded Base Ring

For support of the threaded rounded males



5011037 **Standard**

Height: 1.3 mm
Ø 3.4 mm
Threads: M 2

5011038 **CrCo**

Hader CX Grey Castable Male Pattern

Male for casting of hard alloys



5011027-1 **Green**

Height: 3.95 mm
Ball he: 2.05 mm
Ø ball: 2.25 mm

transparent, burn-out plastic

Hader CX Protection cap

For protecting the threaded base during the manufacture of the metal structure
2 PCS



5011039-2

Height: 2.5mm
Ø3mm

Hader CX Threaded Post



5011028 **Post Only**

Post length: 7 mm
Ø base: 3.4 mm
Ø post: 1.35 mm
Threads: M 2
Ø ball: 2,25 mm

TI Grade 5

5011029 **Pivot One piece Ball & Post**



5011040

Hader Square-Type Driver 0.9mm

For screwing a threaded rounded male into a threaded base

Total length: 26 mm
External hex: 0.9 mm



5011041

Hader CX Male Plastic Keeper Patterns (4-Pack)

Four angles (0°, 30°, 45°, and 60°) for axial and extracoronar structures



5011030-1

Hader CX Implant Ball Analog

For indirect processing and relines

Post length: 9.5mm
base: Ø3mm Øball: 2.25mm
HEX:2.4mm



5011042

Hader Cemented Male Base

Base in Titanax with M2 threading for the 5011010 Hader CX male

Height: 1.9 mm
Ø 2.3 mm

Hader Paralleling Mandrel



5011034-1 **Male**

Ø 2.35 mm

5011035-1 **Female**

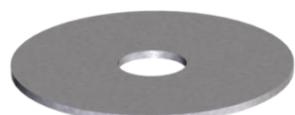


5011043-2

Female Impression Tool

Analogue for the 5011044 male impression tool
2 PCS + 2 Space Maintainers

Threads: M 2
Total height: 6 mm



5011036-1

Hader Round Tin Spacer

Space maintainer for processing of Hader female attachments

0.4mm thick



5011044-2

Male Impression Tool

Male impression tool for the 5011028 Hader CX post
2 PCS

Threads: M 2
Total height: 7 mm

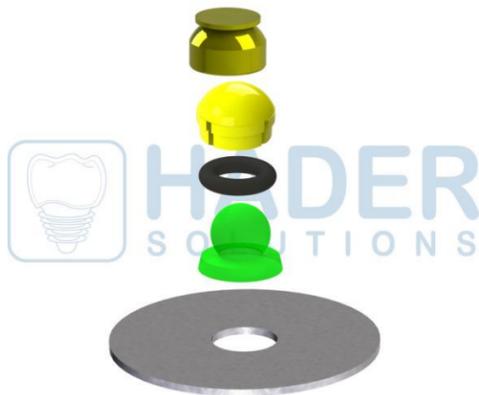
5012001 - Hader CX Female Set



To be used on 2.25 ball males

- 2x - CX Yellow Female
- 2x - CX Metal Housing
- 2x - CX Plastic O'Ring

5012002 - Hader CX 002



Axial attachment with metal housing and plastic male for incorporation into post copings or bars

- 1x - CX Castable Male
- 1x - CX Yellow Female
- 1x - CX Metal Housing
- 1x - CX Plastic O'Ring
- 1x - CX Tin Spacer

5012003 - Hader CX 003



Axial attachment with plastic male for incorporation into post copings or bars and duplicating dummy

- 1x - CX Castable Male
- 1x - CX Yellow Female
- 1x - CX Duplicating Dummy
- 1x - CX Plastic O'Ring
- 1x - CX Tin Spacer

5012005 - Hader CX 005



Axial attachment with replaceable male and female components

- 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

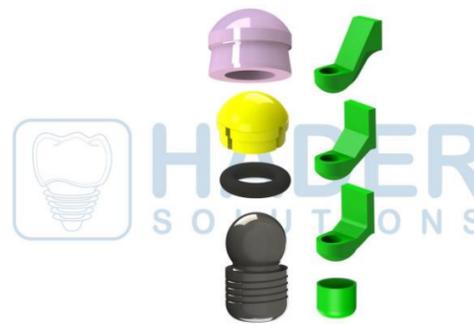
5012006 - Hader CX 006



"all-in-one" attachment that can be used for dentures, bridges and overdentures, with house in Titanax

- 1x - CX Yellow Female
- 1x - CX Metal Housing
- 1x - CX Plastic O'Ring
- 1x - CX Titan Male
- 1x - CX Plastic Keeper Patterns

5012007 - Hader CX 007



"all-in-one" attachment that can be used for dentures, bridges and overdentures, with duplicating dummy for cast metal partial frames

- 1x - CX Yellow Female
- 1x - CX Duplicating Dummy
- 1x - CX Plastic O'Ring
- 1x - CX Titan Male
- 1x - CX Plastic Keeper Patterns

5012008 - Hader CX 008



Hader CX for removable partial denture and overdenture constructions, with bondable TI insert, threaded male and housing in Titanax for incorporation into acrylic resin.

- 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

5012009 - Hader CX 009



Hader CX for removable partial denture and overdenture constructions, with bondable TI insert, threaded male and Female duplicating dummy for cast metal partial dentures.

- 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

5012010 - Hader CX 010



"all-in-one" attachment that can be used for dentures, bridges and overdentures, with house in Titanax and castable plastic male

- 1x - CX Yellow Female
- 1x - CX Metal Housing
- 1x - CX Plastic O'Ring
- 1x - CX Green Castable Male
- 1x - CX Plastic Keeper Patterns

5012011 - Hader CX 011



"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

- 1x - CX Yellow Female
- 1x - CX Duplicating Dummy
- 1x - CX Plastic O'Ring
- 1x - CX Green Castable Male
- 1x - CX Plastic Keeper Patterns



5012012 - Hader CX 012

Hader CX Threaded Post/Ball Complete

- 1x - CX Threaded Male
- 1x - CX Yellow Female
- 1x - CX Metal Housing
- 1x - CX Plastic O'Ring
- 1x - CX Post Only
- 1x - CX Tin Spacer



5012013 - Hader CX 013

Hader CX Threaded Post/Ball Complete with duplicating dummy

- 1x - CX Threaded Male
- 1x - CX Yellow Female
- 1x - CX Duplicating Dummy
- 1x - CX Plastic O'Ring
- 1x - CX Post Only
- 1x - CX Tin Spacer



5012014 - Hader CX 014

Hader CX One piece Ball & Post

- 1x - CX Yellow Female
- 1x - CX Metal Housing
- 1x - CX Plastic O'Ring
- 1x - CX Post&Ball
- 1x - CX Tin Spacer



5012015 - Hader CX 015

Hader CX One piece Ball & Post with duplicating dummy

- 1x - CX Yellow Female
- 1x - CX Duplicating Dummy
- 1x - CX Plastic O'Ring
- 1x - CX Post&Ball
- 1x - CX Tin Spacer



CAD CAM

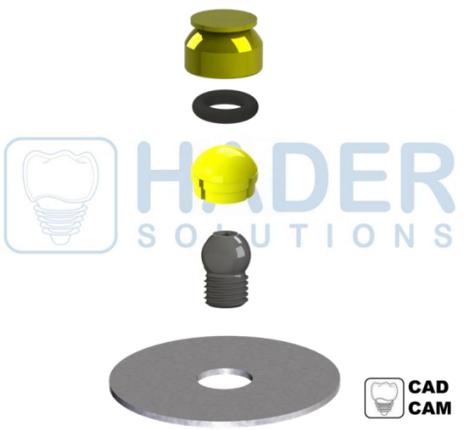
Sets carefully designed for CAD/CAM users.



5012018 - Hader CX 018 CAD CAM

Attachment set with cementable male and duplicating dummy for extracoronar and bar constructions, for CAD/CAM design.

- 1x - CX Yellow Female
- 1x - CX Duplicating Dummy
- 1x - CX Plastic O'Ring
- 1x - CX Titan Male



5012016 - Hader CX 016 CAD CAM

Attachment set with threadable male for axial, extracoronar and bar constructions, for CAD/CAM design.

- 1x - CX Threaded Male
- 1x - CX Yellow Female
- 1x - CX Metal Housing
- 1x - CX Plastic O'Ring
- 1x - CX Tin Spacer



5012017 - Hader CX 017 CAD CAM

Attachment set with cementable male for extracoronar and bar constructions, for CAD/CAM design.

- 1x - CX Metal Housing
- 1x - CX Yellow Female
- 1x - CX Titan Male
- 1x - CX Plastic O'Ring



5012019 - Hader CX 019 CAD CAM

Attachment set with threadable male and base for cementation, for axial, extracoronar and bar constructions, for CAD/CAM design.

- 1x - CX Threaded Male
- 1x - CX Yellow Female
- 1x - CX Metal Housing
- 1x - CX Plastic O'Ring
- 1x - Cemented Male Base



5012020 - Hader CX 020 CAD CAM

Attachment set with threadable male, base for cementation and duplicating dummy, for axial, extracoronar and bar constructions, for CAD/CAM design.

- 1x - CX Threaded Male
- 1x - CX Yellow Female
- 1x - CX Duplicating Dummy
- 1x - CX Plastic O'Ring
- 1x - Cemented Male Base



5013001

Hader CX Dentists Starter Kit 001

Starter kit for dentists. All of the major components and tools needed for a Hader CX procedure. Includes a 5012012 post

- 2x - CX Yellow Female
- 2x - CX Metal Housing
- 2x - CX Plastic O'Ring
- 2x - CX Post&Ball
- 2x - CX Tin Spacer
- 1x - CX Burr Set
- 1x - CX Insertion Tool
- 1x - CX Round Analog
- 1x - CX Females Set



5013002

Hader CX Dentists Starter Kit 002

Starter kit for dentists. All of the major components and tools needed for a Hader CX procedure. Includes a 5012014 post and ball

- 2x - CX Threaded Male
- 2x - CX Yellow Female
- 2x - CX Metal Housing
- 2x - CX Plastic O'Ring
- 2x - CX Post Only
- 2x - CX Tin Spacer
- 1x - CX Burr Set
- 1x - CX Insertion Tool
- 1x - CX Screwdriver
- 1x - CX Male Impression Tool
- 1x - CX Female Impression Tool
- 1x - CX Combo Females

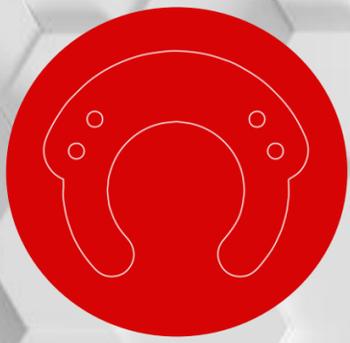


5013003

Hader CX Lab Starter Kit 003

Starter kit for lab. Includes tools and plastic males.

- 2x - CX Castable Male
- 2x - CX Yellow Female
- 2x - CX Metal Housing
- 2x - CX Plastic O'Ring
- 2x - CX Tin Spacer
- 1x - CX Insertion Tool
- 1x - CX Paralleling Mandrel Male
- 1x - CX Cup Burr



HADER VX

Hader VX – Design How You Want It.

The Hader VX and Hader Bar System is the most popular and versatile bar attachment in the world as it is low profile, provides secure retention options, and is simple to service!

Three different retention levels available!

Yellow Standard Retention

White Reduced Retention

Red Increased Retention

INDIVIDUAL COMPONENTS

Hader VX Female Inserts

Yellow Standard Retention

White Reduced Retention

Red Increased Retention



5021010-30 **Yellow**

5021010-6 **Yellow**



5021011-30 **White**

5021011-6 **White**



5021012-30 **Red**

5021012-6 **Red**

5021020 **Hader VX Combo Females 6 UND**

Set of 6 Hader VX female inserts:
2 yellow, 2 white, 2 red



5021022 **Hader VX Combo Females 50 UND**

Set of 50 Hader VX female inserts:
25 yellow, 10 white, 15 red

Hader Green Processing Spacers
Reduce height to fit the vertical height of the bar



5021001-6 **6 UND**

5021001-30 **30 UND**

height: 2.7mm
length: 5mm

Height : 9.05mm
Length : 5mm

Hader VX Traditional Metal Housing

5021004-30 **30 UND**

5021004-6 **6 UND**

- 5.0mm Width
- 1.2mm Height (with clip)
- 0.2mm Thin

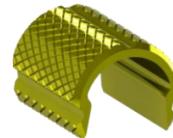


Hader VX Alignment Metal Housing

5021005-30 **30 UND**

5021005-6 **6 UND**

- 4.2mm Width
- 1.5mm Height (with clip)



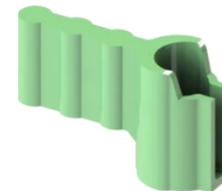
Hader VX Vertical Cast Element

Lost wax plastic housing to be used on the side of the tooth for casting, in order to weld, seal or fix in the resin.

5021013-30 **30 UND**

5021013-6 **6 UND**

Height: 7mm
length 12mm



Hader VX Blue Bar

Male with 45° inclination for maximum incorporation possibilities and periodontal friendly design.

5021008-30 **With Mandrel 30 UND**

5021008-6 **With Mandrel 6 UND**

5021009-30 **With Extension 30 UND**

5021009-6 **With Extension 6 UND**

Male height: 5.9 mm (may be reduced up to 3 mm)

Ø male: 1.8 mm

Ø paralleling mandrel: 2.35 mm





Hader Paralleling Mandrel

Used to position the Plastic Bar Structure on the model in the laboratory.

5021006-1 **Male**

5021007-1 **Female**

Hader VX Plastic Bar

Plastic Bar model for the manufacturing of the metal structure.

The low bar is for low-height articulation.

5021002-30 **Standard 30 UND**

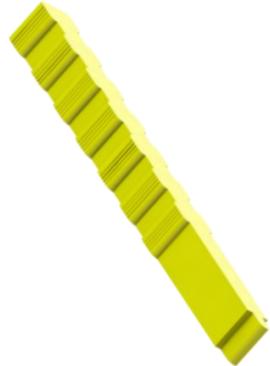
5021002-6 **Standard 6 UND**

Length 50mm,
Height 8.25mm
Shorth: 4.00mm
(may be reduced to 3.0 mm)



5021003-30 **Short 30 UND**

5021003-6 **Short 6 UND**



Hader VX Insertion Tool - Yellow

5021014-1 Tool for insertion of any color of continuous Hader VX inserts.

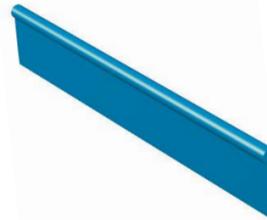
Height: 4.55mm
length: 47.2mm

Hader VX Plastic Wax Bar

Plastic-Wax pattern, ideal for use with speed investments. May be reduced to be used on close bite cases. Cast in hard alloy

5021021-4 **4 PCS**

5021021-50 **50 PCS**



Hader VX Insertion Tool - Red

5021015-1 Tool for insertion of any color of Hader VX inserts when attached on the side of the teeth.

Height: 4.6mm
length:43.4mm

Hader Aluminium Analog
5021018-1 Analog for processing relines, remakes, and new cases.

Height: 12.7mm
length: 50mm



5021016-1 **Hader VX Guide Vertical**

length : 26mm

Hader White Delrin Analog Bar 2 PCS

5021019-2 Non-adhering analog for the working model. Used for repairs, relines, or duplicating

Height: 8.22mm
length: 49.3mm



Hader VX Analog Vertical

5021017-1 Brass analog male part for repairing of models or for elaboration of a new prosthesis.

Length: 9mm
height: 4mm

5022001 - Hader VX S Kit

- 2x - VX Plastic Bar Short
- 6x - VX Yellow Female
- 6x - VX Processing Spacer
- 1x - VX Yellow Insertion Tool

5022002 - Hader VX C Kit

- 2x - VX Plastic Bar Short
- 2x - VX Yellow Female
- 2x - VX Processing Spacer
- 1x - VX Yellow Insertion Tool
- 2x - VX Metal Housing

5022003 - Hader VX Plastic Wax Set

Set with burn-out plastic-wax bar, ideal for use with speed investments.

- 6x - VX Yellow Female
- 6x - VX Processing Spacer
- 1x - VX Yellow Insertion Tool
- 2x - VX Plastic Wax Bar

5022004 - Hader VX service set

Axial attachment with replaceable male and female components

- 1x - VX White Delrin Analog Bar
- 2x - VX Yellow Female
- 2x - VX Processing Spacer
- 1x - VX Yellow Insertion Tool
- 2x - VX Metal Housing

5022005 - Hader VX Extracoronar Slide Set A

Set for extracoronar slide attachment, it provides good lateral stabilisation of the prothesis. Includes a burn-out plastic male.

- 6x - VX Yellow Female
- 6x - VX Blue Bar With Extension
- 1x - Red Insertion Tool

5022008 - Hader VX Extracoronar Slide Set B

Set for extracoronar slide attachment, it provides good lateral stabilisation of the prothesis. Includes a burn-out plastic male.

- 6x - VX Yellow Female
- 1x - Red Insertion Tool
- 6x - Blue Bar With Extension
- 1x - VX Vertical Guide

5022009 - Hader VX Extracoronar Slide Set C

- 2x - VX Yellow Female
- 2x - VX White Female
- 2x - VX Red Female
- 1x - Red Insertion Tool
- 2x - Blue Bar
- 1x - VX Vertical Guide
- 2x - VX Vertical Cast Element



CAD CAM Sets carefully designed for CAD/CAM users.

5022006 - Hader VX C Kit Cad Cam

- 2x - VX Yellow Female
- 2x - VX Processing Spacer
- 1x - VX Yellow Insertion Tool
- 2x - VX Metal Housing

5022007 - Hader VX A Kit Cad Cam

- 6x - VX Yellow Female
- 1x - Red Insertion Tool



HADER SX

Sagittal ball attachment with segmented female for partial dentures and implant bar applications. The replaceable plastic female in three retention levels is incorporated directly into the framework. The male is available in plastic and cast in a hard alloy, in pre-fabricated metal and cast-to with any alloy, or also as a threaded male with a special cast-on base ring. The "clipping", or flexing of the rigid female around the height of contour of the sphere allows the female 35% more retention area contact than previous designs of a sagittal spherical attachment.

Hader SX is available in two ball sizes: Mini 1.7 mm and Standard 2.2 mm.

Space Requirements for each ball size are:

Mini 1.7 mm: 3.1mm vertical, 3.1mm diameter

Standard 2.2 mm: 4.1mm vertical, 4.2mm diameter

INDIVIDUAL COMPONENTS

Hader SX Females Inserts

For SX 1.7mm and SX 2.2mm

Yellow Standard Retention

White Reduced Retention

Red Increased Retention



5031001 **Combi Females 6 UND 1.7**

5031002 **Combi Females 6 UND 2.2**

5031004-30 **1.7 Yellow 30 UND**

5031004-6 **1.7 Yellow 6 UND**



5031013-30 **2.2 Yellow 30 UND**

5031013-6 **2.2 Yellow 6 UND**

5031005-30 **1.7 White 30 UND**

5031005-6 **1.7 White 6 UND**



5031014-30 **2.2 White 30 UND**

5031014-6 **2.2 White 6 UND**

5031006-30 **1.7 Red 30 UND**

5031006-6 **1.7 Red 6 UND**



5031015-30 **2.2 Red 30 UND**

5031015-6 **2.2 Red 6 UND**

Hader SX 1.7 Female Duplicate Dummy

Used to make the housing imprint for the small or large SX.

5031007-30 **30 UND 1.7**

5031007-6 **6 UND 1.7**

5031016-30 **30 UND 2.2**

5031016-6 **6 UND 2.2**



Combi 6 UND:
Set of 6 Hader SX female inserts:
2 yellow, 2 red, 2 white

SX 1.7
Height: 3.1 mm
Ø 3.1 mm

SX 2.2
Height: 4.1 mm
Ø 4.2 mm

Polyacetal,
compatible with
VKS-SG

Hader SX Plastic Castable Male

Plastic rounded male for casting in a hard alloy

SX 1.7
Base: 3x3mm
Height: 2.6mm
Ball: Ø1.7mm

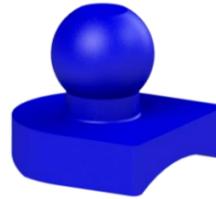
5031008-30 **1.7 - 30 UND**

5031008-6 **1.7 - 6 UND**

SX 2.2
Base: 4x4mm
Height: 3.2mm
Ball: Ø2.3mm

5031017-30 **2.2 - 30 UND**

5031017-6 **2.2 - 6 UND**



Hader SX Cast Male Noprax CrCo

NOPRAX male for cast-on technique with non-precious alloys

SX 1.7
1.7mm

5031009-2 **1.7 - 2 UND**

SX 2.2
2.2mm

5031009-20 **1.7 - 20 UND**

5031018-2 **2.2 - 2 UND**

5031018-20 **2.2 - 20 UND**



5031003-1 **Hader SX Universal Parallel Mandrel** Ø 1.7 mm
Length: 2.2 mm



5031010-1 **Hader SX Insertion Tool**
Universal insertion tool for the Hader SX females Ø 1.7 mm and 2.2 mm
Length: 66mm





Hader SX Metal Housing		SX 1.7
5031011-2	1.7 - 2 UND	Height: 3.3 mm Width: 3.8 mm Length: 9.1 mm
5031011-20	1.7 - 20 UND	
5031021-2	2.2 - 2 UND	SX 2.2
5031021-20	2.2 - 20 UND	Height: 4.5 mm Width: 4.9 mm Length: 9.5 mm



5031023	Hader SX Universal Threaded Ball 2.2	Thread: M2 Height: 4.2mm
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Hader SX Analog		
Analog for laboratory fitting of the prosthesis		
		Ø 1.7 mm
5031012-2	1.7 - 2 UND	Ø 2.2 mm
5031022-2	2.2 - 2 UND	



Hader Threaded Base Ring		
For support of the threaded rounded males		
5011037	Standard	Height: 1.3 mm Ø 3.4 mm
5011038	CrCo	Threads: M 2



Hader SX 2.2 Threaded Male		
5031019	Noprax	Ø 2.2 mm Threads: M 2
5031020	Titanax	



Hader Square-Type Driver 0.9mm		
5011040	For screwing a threaded rounded male into a threaded base	length: 26 mm hex: 0.9 mm

KITS



Hader SX Complete Plastic w/Housing

Cast the males in any hard dental alloy

- 1x - Castable Plastic Male
- 1x - Yellow Plastic Female
- 1x - White Plastic Female
- 1x - Red Plastic Female
- 1x - Duplicating Dummy
- 1x - Titanium metal housing.

5032001 **SX 1.7**

5032003 **SX 2.2**



Hader SX Complete Plastic

Cast the males in any hard dental alloy

- 1x - Castable Plastic Male
- 1x - Yellow Plastic Female
- 1x - White Plastic Female
- 1x - Red Plastic Female
- 1x - Duplicating Dummy

5032002 **SX 1.7**

5032004 **SX 2.2**



Hader SX Complete Metal w/Housing

Cast-on technique for all dental alloys

- 1x - Cast-on NOPRAX Male
- 1x - Yellow Plastic Female
- 1x - White Plastic Female
- 1x - Red Plastic Female
- 1x - Duplicating Dummy
- 1x - Titanium metal housing.

5032005 **SX 1.7**

5032007 **SX 2.2**



Hader SX Complete Threaded Male 2.2mm only

Ideal for CAD CAM bars or all dental alloys

- 1x - Threaded NOPRAX male
- 1x - Yellow Plastic Female
- 1x - White Plastic Female
- 1x - Red Plastic Female
- 1x - Duplicating Dummy

5032009



Hader SX Complete Metal

Cast-on technique for all dental alloys

- 1x - Cast-on NOPRAX Male
- 1x - Yellow Plastic Female
- 1x - White Plastic Female
- 1x - Red Plastic Female
- 1x - Duplicating Dummy

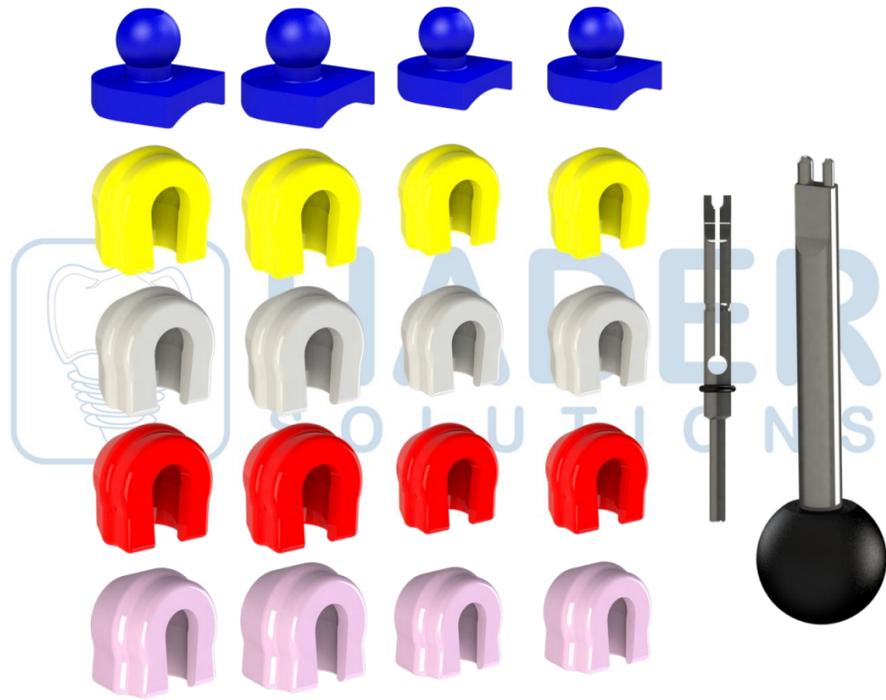
5032006 **SX 1.7**

5032008 **SX 2.2**



Hader SX Complete Threaded Male with Housing 2.2mm only

- 1x - Titanium metal housing
- 1x - Threaded NOPRAX male
- 1x - Yellow Plastic Female
- 1x - White Plastic Female
- 1x - Red Plastic Female
- 1x - Duplicating Dummy

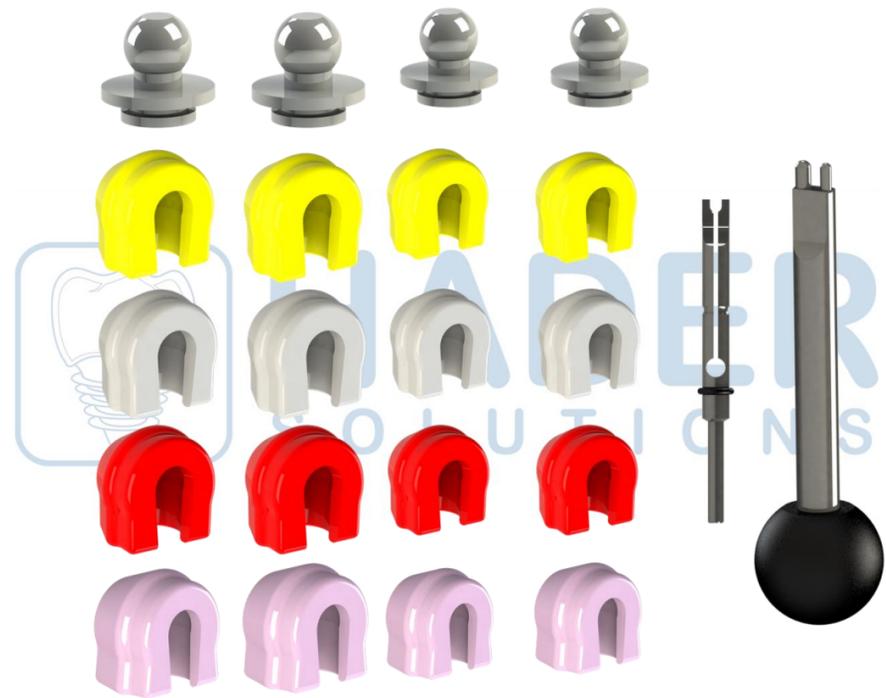


5033001

Hader SX Starter Kit Plastic Male

Starter kit with all the tools and female inserts in all colors, for both sizes 1.7 and 2.2. Cast the males in any hard dental alloy.

- 2x - Castable plastic males 1.7
- 2x - Castable plastic males 2.2
- 2x - Yellow females normal retention 1.7
- 2x - Yellow females normal retention 2.2
- 2x - White females reduced retention 1.7
- 2x - White females reduced retention 2.2
- 2x - Red females increased retention 1.7
- 2x - Red females increased retention 2.2
- 2x - Duplicating dummies 1.7
- 2x - Duplicating dummies 2.2
- 1x - Universal paralleling mandrel
- 1x - Universal insertion tool



5033002

Hader SX Starter Kit Cast-to Metal Male

Starter kit with all the tools and female inserts in all colors, for both sizes 1.7 and 2.2 with cast-on NOPRAX males. Cast-on technique for non-precious alloys.

- 2x - Cast-on NOPRAX males 1.7
- 2x - Cast-on NOPRAX males 2.2
- 2x - Yellow females normal retention 1.7
- 2x - Yellow females normal retention 2.2
- 2x - White females reduced retention 1.7
- 2x - White females reduced retention 2.2
- 2x - Red females increased retention 1.7
- 2x - Red females increased retention 2.2
- 2x - Duplicating dummies 1.7
- 2x - Duplicating dummies 2.2
- 1x - Universal paralleling mandrel
- 1x - Universal insertion tool

ANALOGS

Hader Solutions offers a wide range of Analogs for laboratory use. They are manufactured following the strictest quality control protocols that have made Swiss-made products world-famous. In this way, we ensure high quality products that dental technicians can rely on.



IMPLANT ANALOG



Universal
Base Screw
Ref – 7203022-1

DIGITAL ANALOG
Includes Base Screw

Compatible with	Platform	Reference	Reference
 Astra Tech TX	∅ 3.0	7202001-1	7203001-1
	∅ 3.5/4.0	7202002-1	7203002-1
	∅ 4.5/5.0	7202003-1	7203003-1
 Astra Tech EV	∅ 3.0	7202004-1	7203029-1
	∅ 3.6	7202005-1	7203030-1
	∅ 4.2	7202006-1	7203031-1
	∅ 4.8	7202007-1	7203032-1
	∅ 5.4	7202008-1	7203033-1
 Straumann Bone Level	RC	7202031-1	7203024-1
	NC	7202032-1	7203025-1
 Straumann BLX	RB/WB	7202036-1	7203036-1
	WB	7202037-1	7203035-1
 Straumann Tissue Level	RN	7202030-1	7203023-1
 Nobel Active/Conical	∅ 3.0	7202028-1	7203034-1
	NP	7202026-1	7203019-1
	RP	7202027-1	7203020-1
	WP	7202029-1	7203021-1
 Nobel Tri-Lobe	NP	7202022-1	7203015-1
	RP	7202023-1	7203016-1
	WP	7202024-1	7203017-1
	6.0	7202025-1	7203018-1
 Zimmer TSV	3.5	7202033-1	7203026-1
	4,5	7202034-1	7203027-1
	5.7	7202035-1	7203028-1
 Biomet 3i Certain	∅ 3.4	7202010-1	7203005-1
	∅ 4.1	7202011-1	7203006-1
	∅ 5.0	7202012-1	7203007-1
	∅ 6.0	7202013-1	7203008-1
 MegaGen Anyridge	∅ 4.0	7202018-1	7203012-1
 BioHorizons	∅ 3.0	7202009-1	7203004-1
	∅ 3.5	-	-
	∅ 4.5	-	-
Neoss	∅ 4.1	7202021-1	7203014-1
Legacy	∅ 3.0	7202017-1	7203011-1



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S O L U T I O N S

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