

axiom[®]

MULTI LEVEL[®]



User Guide
axiom[®] BL - TL

**You have chosen the Axiom® Multi Level® implant solution.
Thank you for the trust that you have placed in us.**

This document contains the main information you need to use the Axiom® Multi Level® solution. It describes the restoration protocols specific to the Axiom® BL and Axiom® TL systems, as well as providing a complete list of all components.

Some key reminders about correct use are also provided.

Our success lies in yours. Our sales network and team of experts are available should you require any further information.

Anthogyr



On its own, this user manual does not provide enough information to safely use Anthogyr medical devices. Please refer to the Instructions for Use (IFUs) for each product at ifu.anthogyr.com.

Upon publication of this manual, all previous versions are superseded.

INSTRUCTION FOR USE ONLINE

ifu.anthogyr.com

IFUs (instructions for use and manuals) for Anthogyr implants and prosthetic components are now available in PDF format at ifu.anthogyr.com. (PDF reader such as Adobe Player required.)



INSTRUCTIONS ON USING THE WEBSITE

This portal provides up-to-date instructions for use for Anthogyr products.

To find the right IFU for your device, proceed as follows:

1- In the search box, enter your product's name, reference number, or Global Trade Item Number.

2- Press ENTER.

The IFU for the product entered will appear in PDF format. It can be printed and/or read online using a PDF reader like Adobe.

3- Choose your language.

Our IFUs are available in several languages. To select your language, click on the language menu box.

The website is optimised for displaying instructions on a PC or Mac in a screen resolution of 1024 x 768 pixels. The supported browser versions are Microsoft Internet Explorer 11 and later, Safari 7.0 and later (Mac only), Chrome 43 and later, Firefox 38.0 and later, as well as iOS and Android.

UPDATE OF INFORMATION

The IFUs are regularly updated. Updated versions are labeled "New" and may contain important information for patient safety.

For this reason, we discourage users from saving IFUs locally. Always obtain information directly from the Anthogyr portal.

To see archived versions, click on "View old document versions."

You may also request hardcopy versions of IFUs free of charge.

To do this, complete the form under the "Contact" tab or send us your request with your next order.

Remember to specify the language.

You will receive your document within 7 calendar days.

For comments and suggestions, please contact us via the "Contact" tab.

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Axiom® Multi Level®

We constantly seek new ways to improve the reliability, accessibility, and relevance of our solutions. Anthogyr has now developed a new range that further adds even greater value to implantology while still retaining all the previous proven benefits that users love about existing products.

From this research a new range of products was born: **Axiom® Multi Level®**.

Perfectly in keeping with the solutions that have gone before it, the **Axiom® Multi Level®** range opens up new possibilities by offering **full compatibility between Bone Level and Tissue Level systems**.



1. Presentation

A. TERMINOLOGY

Axiom® BL: Axiom® Bone Level

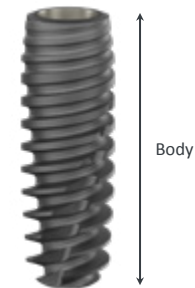
Axiom® TL: Axiom® Tissue Level

REG: Regular

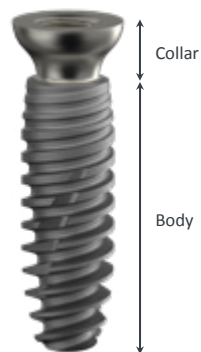
PX: Post-extraction



Axiom® BL PX

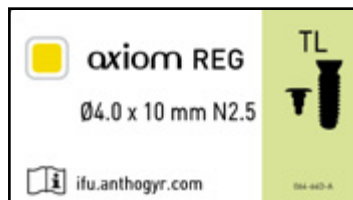


Axiom® TL PX



B. COLOR CODES

We have color-coded our implant packaging so that users can quickly distinguish between Tissue Level (green) and Bone Level (pink) implants.



Example label for an Axiom® TL implant



Example label for an Axiom® BL implant

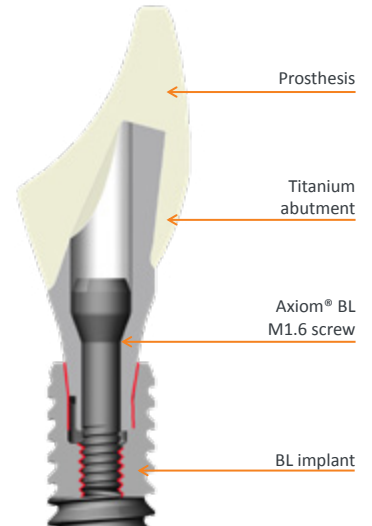
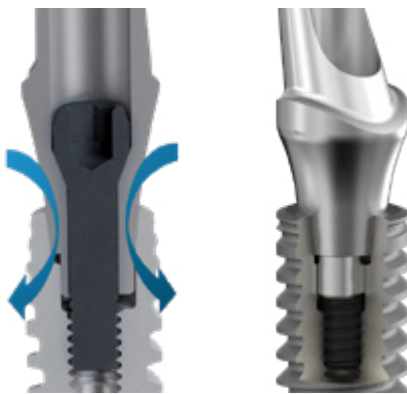
Color coding on packaging				
Implant Ø	3.4	4.0	4.6	5.2
				

2. Connections

A. AXIOM® BL

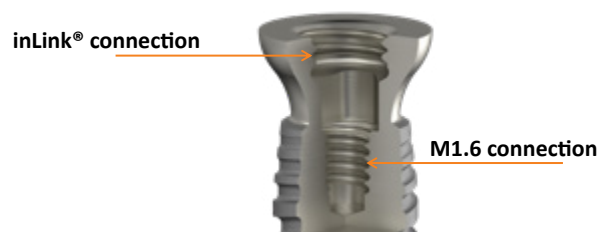
The prosthetic connections in this range all have a 2.7 mm diameter. This ensures full compatibility with all Axiom® BL implants, regardless of the implant diameter chosen.

- Prosthesis emergence diameter 2.7 mm.
- Extended, indexed, three-lobed "Morse taper" connection.
- M1.6 thread



B. AXIOM® TL

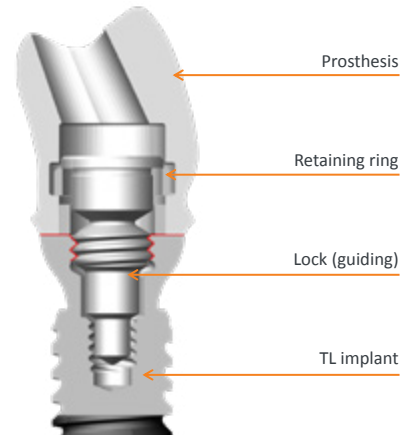
The Axiom® TL implants have two connections:





• **INLINK® CONNECTION:**

- For multiple-unit screw-retained fixed restorations.
- Two platform diameters: Narrow (N) Ø4.0 and Regular (R) Ø4.8.
- Minimum height of prosthesis: 4.2 mm.
- Minimum width of prosthesis: 4.2 x 5.2 mm.
- Flat non-indexed connection
- Lock-in fixation (lock + ring).
- M2.8 thread



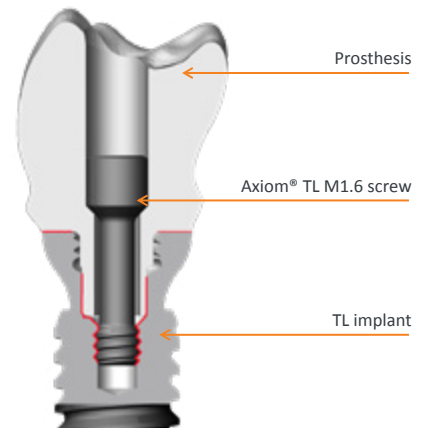
axiom® BL

axiom® TL



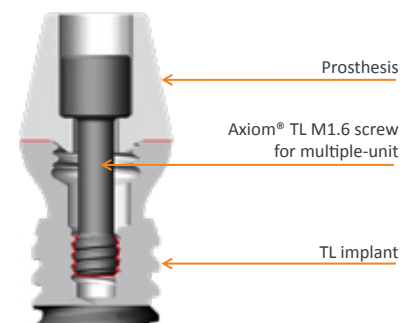
• **INDEXED M1.6 CONNECTION:**

- For single- and multiple-unit screw-retained restorations.
- Two platform diameters (N: Ø4.0 and R: Ø4.8).
- Three-lobed indexed connection.
- Screw-in fixation (screw).
- M1.6 thread



• **M1.6 MULTIPLE-UNIT CONNECTION:**

- Implant-supported bar for removable overdentures.
- Two platform diameters (N: Ø4.0 and R: Ø4.8).
- Flat non-indexed connection
- M1.6 thread

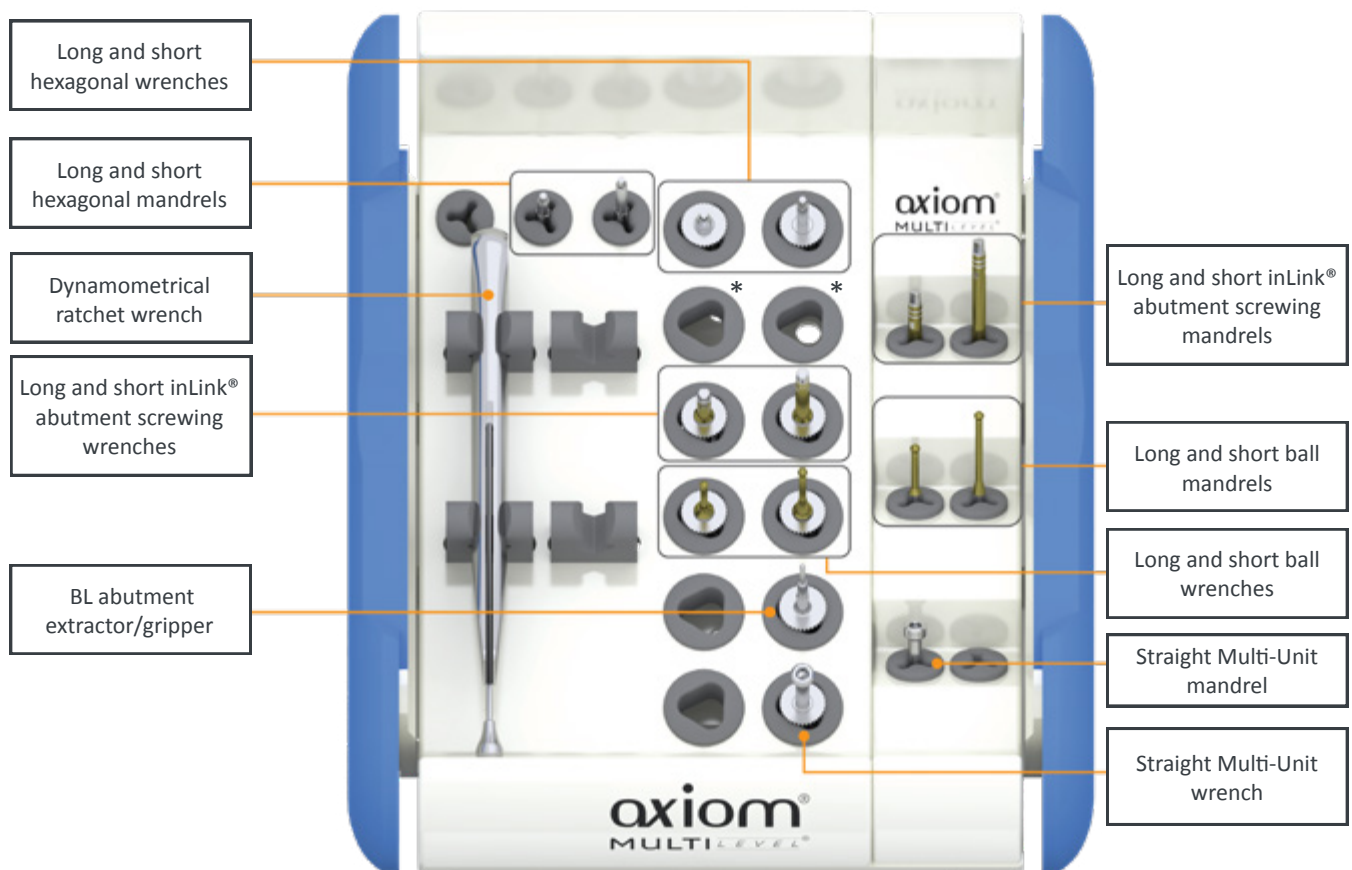


Prosthetic instruments

1. Prosthetic kit

The prosthetic kit (Ref. INMODOPP3) contains empty slots for adding optional instruments (see p.123).

The extra-long ball and hexagonal wrenches must be placed in the slots marked with an (*) in the photo.



Dynamometrical ratchet. Torque range: 15 / 25 / 35 N.cm. Please refer to the product user guide by typing "INCCD" into the search box at ifu.anthogyr.com.

TECHNICAL SPECIFICATIONS

The kit is made of medical-grade materials, making it suitable for thermal disinfection and autoclave sterilisation.

The adjustable protection flaps allow the user to change the position of the kit for easy access to the instruments.



2. Axiom® BL abutment extractor/gripper

A. EXTRACTOR FUNCTION

Characteristics:



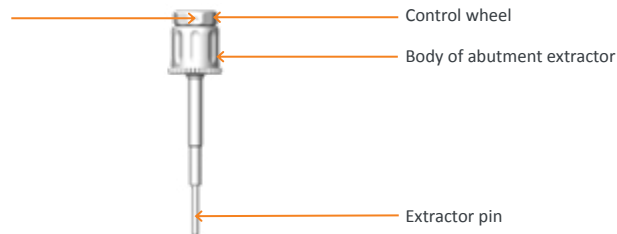
- Available in two lengths (long and short).
- Used to retrieve the abutment without damaging the implant/prosthesis connection or placing any strain on the assembly.
- Suitable for use in a lab or dental practice.

Only for use with abutments/Axiom® BL abutments marked “Extractible-Removable” on the traceability label.



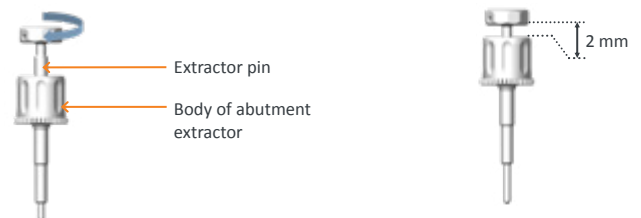
Description:

Slot for tying off the instrument to prevent it from falling into the patient's mouth

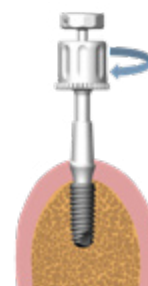


Protocol for use:

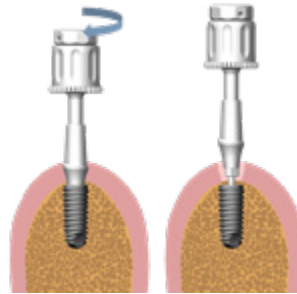
- Place the pin in the body and tighten the control wheel until approximately 2 mm from the body.



- Screw the extractor into the abutment by turning the body.



- Tighten the control wheel down onto the extractor body to retrieve the abutment.



- Unscrew the abutment by turning the body.



- Unscrew the body and pin to disassemble the extractor for cleaning.

For cleaning instructions, please refer to the Cleaning and Sterilisation User Guide (063NETT-STE_NOT). Type the code "INMODOPS3" into the search box.

B. GRIPPER FUNCTION

Characteristics:



Abutment gripper

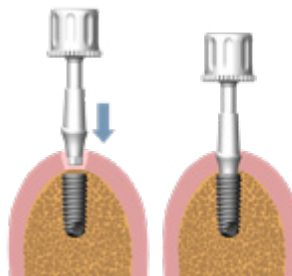
- Facilitate insertion into the mouth, even in hard-to-reach locations.
- When using this instrument as a gripper, only the body is used.

Protocol for use:

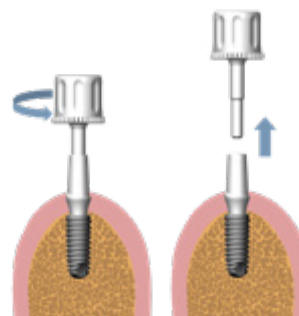
- Screw the body of the gripper into the abutment.



- Use the gripper to insert the abutment into the implant.



- Unscrew the gripper.



Prosthesis on Axiom® BL

1. Overview of Axiom® BL prosthetic components

The Axiom® BL range of prosthetic components can be used with all Axiom® BL implants.

They are suitable for single/multiple-unit and cement/screw-retained restorations, as well as for stabilizing removable overdentures.

Because they all have the same prosthetic connection (Ø2.7 mm), they are fully compatible with all Axiom® BL implants except Axiom® 2.8.

To ensure the best esthetic results, the abutments in this range have different emergence profile diameters, each one corresponding to a healing screw diameter.

Refer to the table of healing screws on page 14 for guidance on selecting the right diameter healing screw for each restoration.

Please note that some prosthetic components are delivered sterile for immediate, definitive oral placement. These include the standard titanium abutments for cement-retained restorations and Multi-Unit abutments for screw-retained restorations.

Reducing the number of restorative steps helps both preserve peri-implant tissue and shorten treatment time. For information on Simeda® milled prostheses, please refer to the Customised Prosthesis Design Manual at www.anthogyr.com.

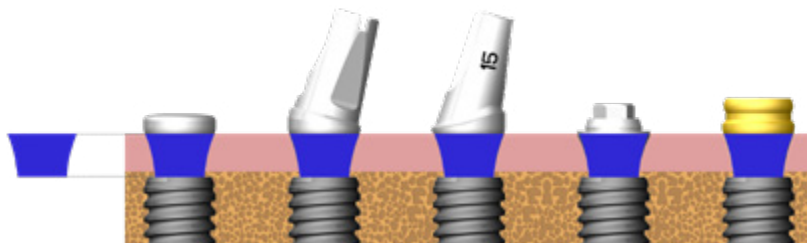
	Impression			Temporary				Definitive											
	Pop-in transfers	Pick-up transfers	Standard abutment transfers	Healing screws	Temporary abutments	AXIN® temporary copings	Multi-Unit temporary copings	Esthetic abutments	Standard abutments	Castable gold abutments	Trimable abutments	FlexiBase®	CEREC®-compatible bases	Multi-Unit abutments	Copings* for cast prostheses	Abutments for removable overdentures	inLink® abutments	AXIN® bases	Simeda® customised prosthesis
Indications																			
Restoration	Single unit			X	X	X		X	X	X	X	X	X					X	X
	Multiple unit				X		X	X	X	X	X	X		X	X	X			X
	Full arch				X		X	X	X	X	X	X		X	X	X	X		X
Characteristics	Cement-retained				X			X	X	X	X	X	X						X
	Screw-retained				X	X	X			X		X	X	X	X		X	X	X
	Removable															X			X
Material	Delivered sterile			X	X				X					X			X		
	Extractible				X			X	X			X	X					X	X
	Titanium	X	X		X	X	X	X	X		X	X	X	X	X	X	X	X	X
Material	Castable gold									X									
	PMMA									X					X				
	PEEK			X			X												
Material	CoCr														X				X
	Zirconia																		X
	Page	16	16	19	14	20	22	46	29	31	36	38	33	35	42	51	56	40	25
Material																			**

*Fully castable, castable CoCr or Pacific

** Please refer to the Customised Prosthesis Design Manual (ref. MANUEL-CAD_NOT)

2. Healing phase

A. SINGLE EMERGENCE PROFILE



The emergence profile is the same across all prosthetic components, from the healing screw to the final abutment.

B. HEALING SCREW FOR AXIOM® BL IMPLANT

HEALING SCREW



Catalog p.103

Characteristics:

- Delivered sterile.
- Single-use.

NECESSARY EQUIPMENT



Manual surgical wrench
OPCS100

Healing screw (Ø/HEIGHT)					
	Ht 0.75	Ht 1.5	Ht 2.5	Ht 3.5	Ht 4.5
Ø3.4					
Ø4.0					
Ø5.0					
Ø6.0					

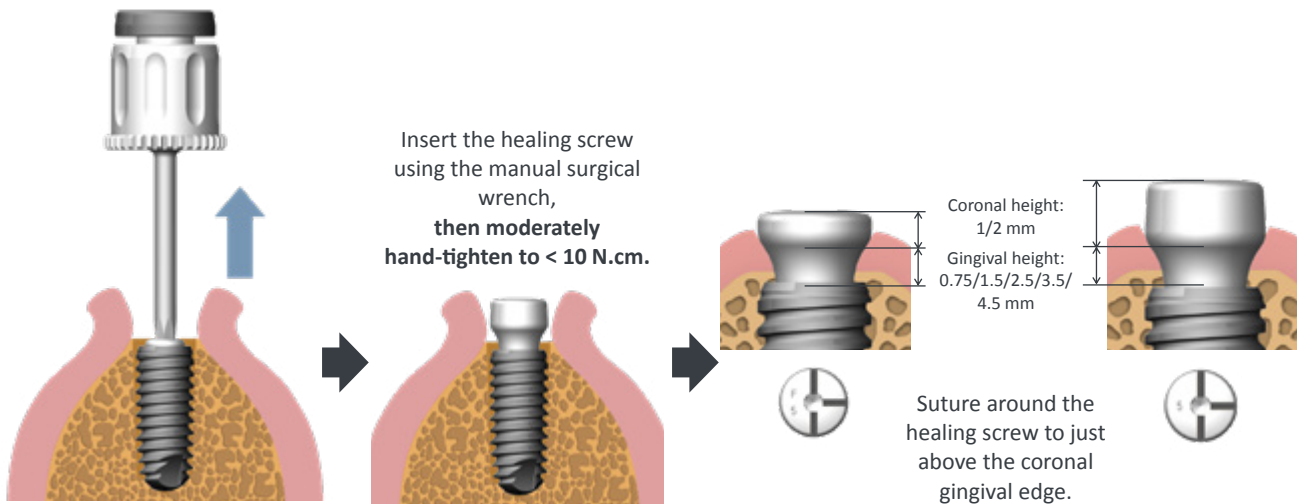
Healing screws come in five gingival heights (**0.75, 1.5, 2.5, 3.5, and 4.5 mm**), **four emergence profile diameters (3.4, 4.0, 5.0, and 6.0 mm)** and two coronal heights.

To select the right emergence profile for a specific restoration, please refer to the table opposite.

The laser markings on the head of each healing screw indicate its diameter (4/5/6), gingival height (lines), and coronal height.

• PLACING THE HEALING SCREW AND SUTURING

Remove the closure screw using the manual surgical wrench.



Please note:

The surgical wrench is only for manual tightening. It must not be attached to a reversible ratchet wrench (Ref. INCC) or dynamometrical ratchet wrench (Ref. INCCD).

• SIZE OF TOOTH BEING RESTORED AND CORRESPONDING PROSTHETIC DIAMETER

Mesiodistal width in mm			Recommended Axiom® BL emergence diameter			
			3.4	4.0	5.0	6.0
Maxilla	Central incisor	7.6 - 10.5			●	●
	Lateral incisor	5.3 - 8.3		●	●	
	Canine	6.9 - 8.8		●	●	
	First premolar	6.0 - 8.2		●	●	
	Second premolar	5.9 - 7.5		●	●	
	First molar	9.7 - 12.7			●	●
	Second molar	8.7 - 11.4			●	●
Mandible	Central incisor	4.7 - 6.2	●	●		
	Lateral incisor	5.3 - 7.0	●	●		
	Canine	6.0 - 8.1		●	●	
	First premolar	6.0 - 8.1		●	●	
	Second premolar	6.4 - 8.8		●	●	
	First molar	9.7 - 12.5			●	●
	Second molar	9.3 - 11.9			●	●

Source: Laverigne, Bulletins et Mémoires de la société d'Anthropologie de Paris, vol 1, série XIII, 1974, 351-355.

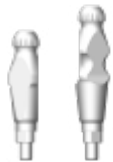
Legend:

- Preferred choice
- Alternative option

3. Single-unit prosthesis

A. IMPRESSION

a. TAKING AN IMPLANT-LEVEL IMPRESSION



POP-IN TRANSFER

Closed-tray impression on an Axiom® BL implant.

OPPI100S / OPPI100



PICK-UP TRANSFER

Open-tray impression on an Axiom® BL implant.

OPPU100 / OPPU100L

Characteristics:

- Delivered non-sterile.
- Single-use.

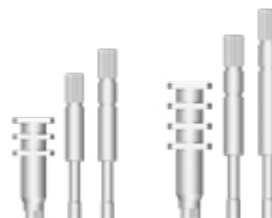
NECESSARY EQUIPMENT



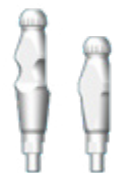
Hexagonal wrenches
INCHECV / INCHELV / INCHEXLV



Implant analog
OPIA100



Pick-up transfers
OPPU100 / OPPU100L



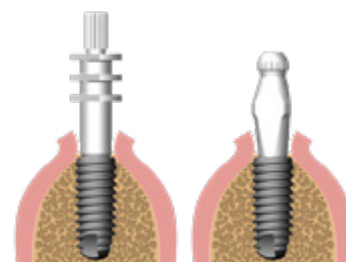
Pop-in transfers
OPPI100 / OPPI100S

PROTOCOL FOR USE:

• TAKING AN IMPRESSION:

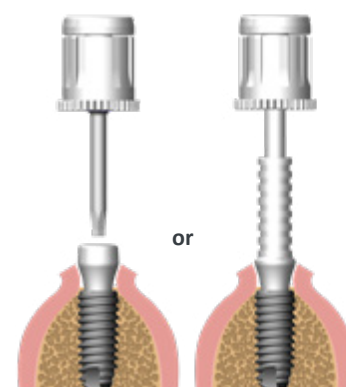
- Remove the healing screw using the long hexagonal wrench.
- Fully insert the pick-up or pop-in transfer into the implant and moderately hand-tighten the transfer screw.
- Take a closed-tray (pop-in) or open-tray (pick-up) impression.

- Reinsert the healing screw or a temporary abutment for a temporary prosthesis (see p.20).



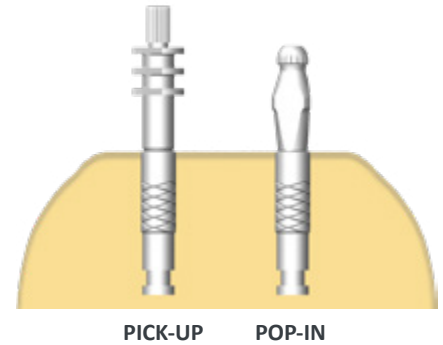
PICK-UP

POP-IN



• TRANSFERRING THE IMPRESSION AND FABRICATING THE MASTER CAST:

- Position the analog on the transfer. Using the hexagonal wrench, hand-tighten the transfer screw to < 10 N.cm while holding the analog by the flat portion of the analog surface.
- Fabricate the master cast.



axiom® BL

b. REGISTERING THE GINGIVAL PROFILE

IMPRESSION RING



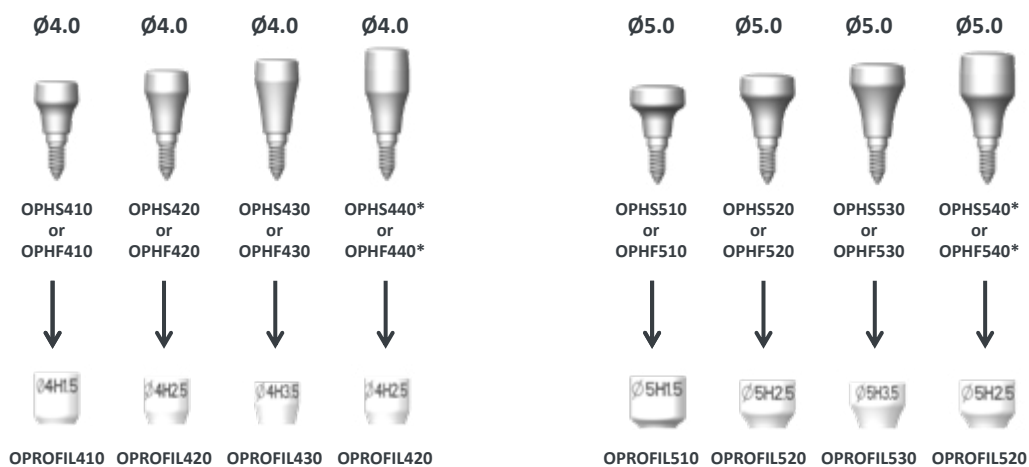
Characteristics:

- Only for use with pick-up transfers on Axiom® BL implants.
- Take an impression on an Axiom® BL implant while accurately registering the gingival profile (Ø4.0 and 5.0 mm).
- Delivered non-sterile.

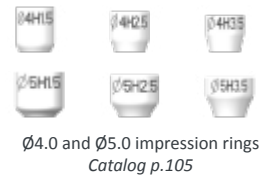
THE CHOICE OF RING DEPENDS ON THE AXIOM® BL EMERGENCE PROFILE.

The shape of the impression rings exactly matches that of the 4.0 and 5.0 mm healing screws. Hence the choice of impression ring depends on the healing screw (or temporary abutment) in place, on the final abutment being used, as well as on the gingival height and diameter of the Axiom® BL emergence profile.

**The H2.5 impression rings are compatible with the H2.5 and H4.5 emergence profiles.*

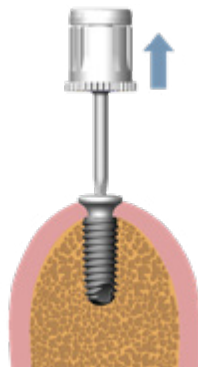


NECESSARY EQUIPMENT

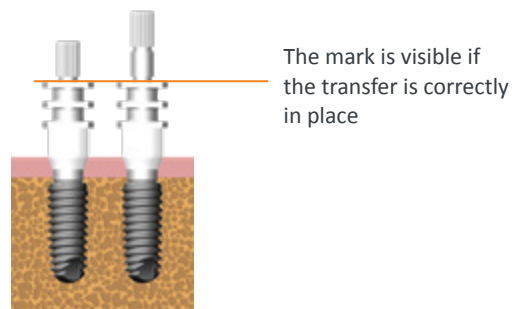
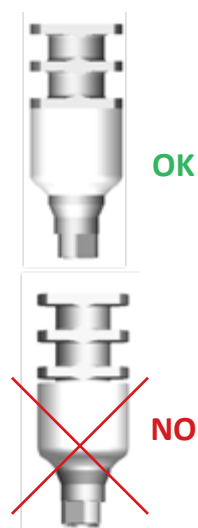


PROTOCOL FOR USE:

- Remove the healing screw (or temporary abutment) with the hexagonal wrench.



- Place the impression ring that matches the selected emergence profile on the pick-up transfer. Ensure that the impression ring is contacting the first retention feature of the transfer (see diagram below with pick-up transfer). Insert the pick-up transfer into the implant and hand-tighten the transfer screw. Check the mark to verify that the transfer is correctly seated in the implant.



- Take an open-tray impression.
- Reinsert the healing screw or temporary abutment.

c. TAKING AN IMPRESSION ON A STANDARD ABUTMENT

ABUTMENT TRANSFER



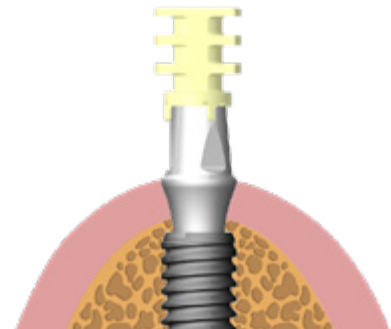
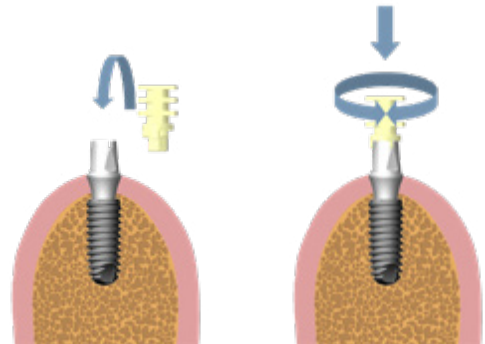
OPTT100

Characteristics:

- Closed-tray impression on a standard titanium abutment.
- Single-use.
- Delivered non-sterile.

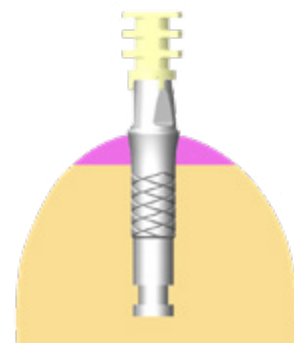
PROTOCOL FOR USE:

- Place the abutment transfer on top of the standard titanium abutment.
- Press down lightly and rotate to align the index of the transfer with the abutment.
- Once the index is properly aligned, press the transfer into the unmodified abutment until a click is heard.
- Take a conventional impression using a commercial impression tray.
- Once the impression has been taken, protect the screw head and seal the access channel with filler.



MASTER CAST

- Visualize the position of the analog in the impression, then press the abutment analog into the transfer in the intaglio of the impression until a click is heard.
- Check that the analog is properly seated in the impression. Repeat the previous steps if necessary. Fabricate the master cast.



B. TEMPORARY IMPLANT-BORNE PROSTHESIS

TEMPORARY ABUTMENT

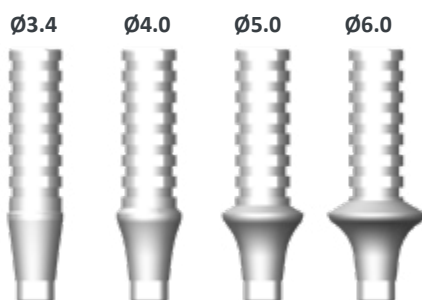


Catalog p.106

Characteristics:

- For temporary single- or multiple-unit restorations on Axiom® BL implants.
- Delivered sterile.
- Single-use.
- Extractible.

CHOICE OF ABUTMENT



EMERGENCE PROFILE

Choice of five gingival heights (0.75, 1.5, 2.5, 3.5, and 4.5 mm) and **four emergence profile diameters (3.4, 4.0, 5.0, and 6.0 mm)**.

Ideally, the abutment should be chosen based on the desired emergence profile.

NOTE: try-in abutments are also available to facilitate the choice of gingival height.

NECESSARY EQUIPMENT



Hexagonal mandrels
INMHECV / INMHELV /
INMHEXLV



Hexagonal wrenches
INCHECV / INCHELV /
INCHEXLV



Lab screws
OPTS162

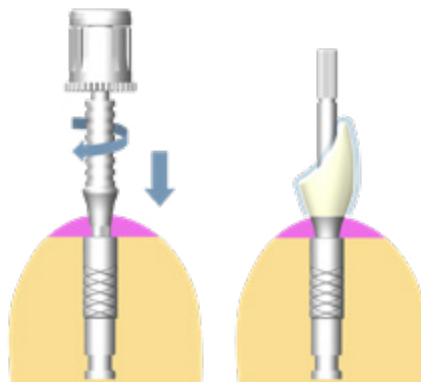


Temporary abutments
Catalog p.106

FABRICATING AND SEATING THE TEMPORARY PROSTHESIS

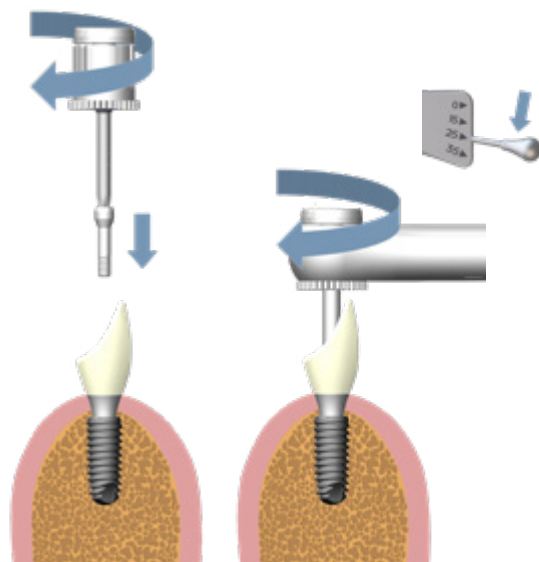
IN THE LAB

- Insert the temporary abutment into the analog and hand-tighten the lab screw to a moderate torque of **< 10 N.cm**.
- Prepare the temporary abutment and modify if necessary.
- Fabricate the temporary prosthesis.



AT THE DENTAL PRACTICE

- Place the prosthesis in the mouth.
- Tighten the M1.6 prosthetic screw to **25 N.cm** using a hexagonal wrench and the dynamometrical ratchet wrench (Ref. INCCD) or a hexagonal mandrel and the TORQ CONTROL®.
- Fill in the screw channel, then seal with composite.



C. TEMPORARY PROSTHESIS ON AN AXIN® BASE



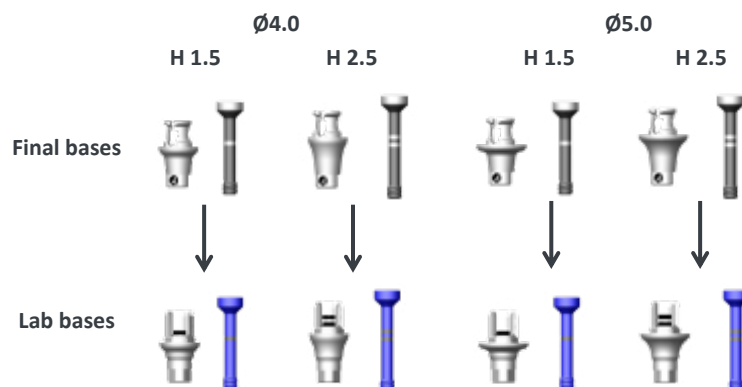
Catalog p.107

Characteristics:

- For temporary single-unit restorations on an AxIN® base with angulated access up to 25°.
- Delivered non-sterile.
- A temporary prosthesis with an AxIN® base comprises an AxIN® base, an AxIN® fixation screw, and a AxIN® temporary coping.
- The temporary coping is sold separately. The screw is supplied with the AxIN® base.
- The surface morphology of the AxIN® temporary coping enhances resin adhesion.

PLEASE NOTE: Handle the AxIN® bases with care.

CHOICE OF BASE AND LAB BASE



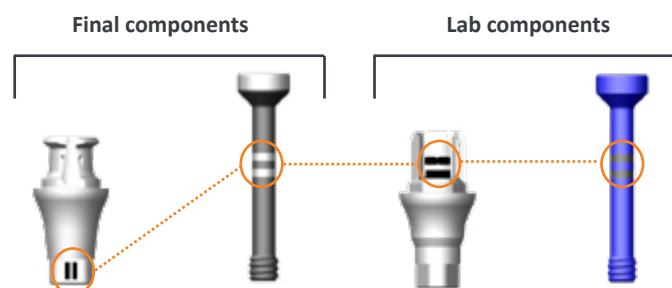
The bases are available in **two heights (1.5 and 2.5 mm)** and **two diameters (Ø4.0 and Ø5.0 mm)**.

Select a lab base with the right height and diameter for the final base.

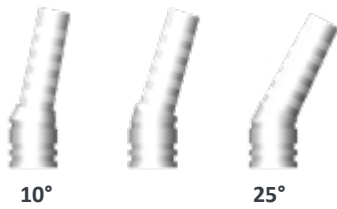
Axin® laser markings

The laser markings on the final bases, lab bases, final screws, and lab screws are used to match up the height of the components.

Matching up 2.5 mm components on an Axiom® BL implant:



CHOICE OF AXIN® TEMPORARY COPING

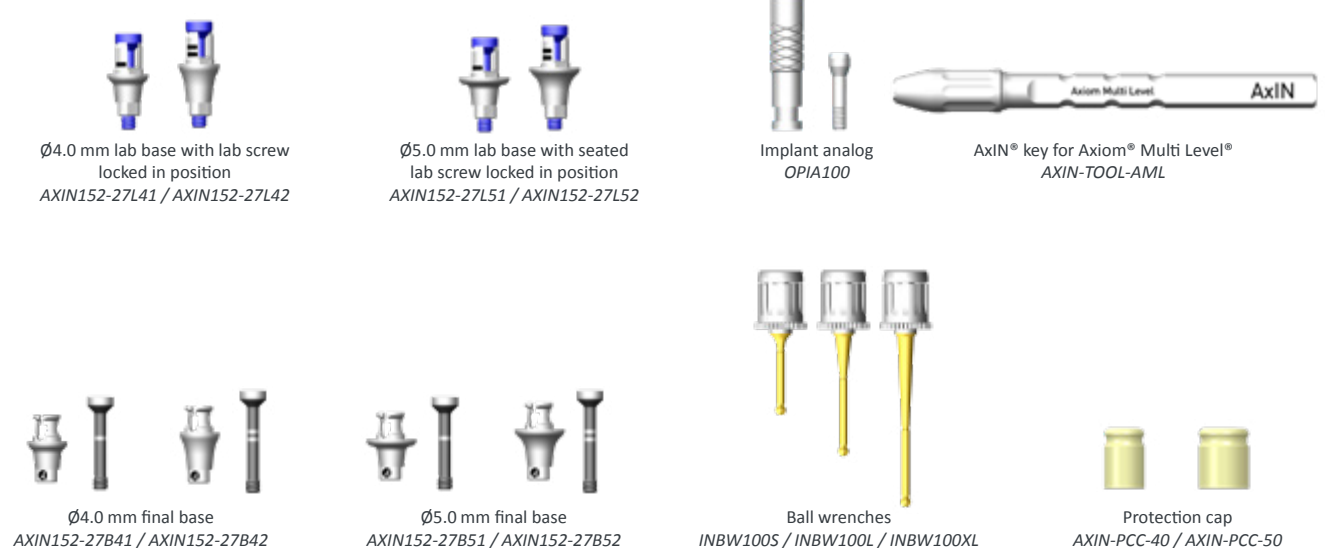


- The AxIN® temporary copings are available in two diameters (Ø4.0 and Ø5.0) and three angulations (10°, 15°, and 25°).
- The coping has a three-lobed connection, meaning that it can be seated on the base in three possible positions.

Please note:

Make sure to insert the coping into the implant in the position that matches the correct angulation for the restoration.

NECESSARY EQUIPMENT



a. FABRICATING THE PROSTHESIS IN THE LAB

Preparing the temporary prosthesis

- Attach the lab base and lab screw to the implant analog in the master cast. This assembly is the support structure on which the temporary prosthesis is fabricated.
- Attach the temporary coping to the lab base. A gentle hand-tightening of the lab screw securely attaches the temporary coping to the lab base.
- Prepare the temporary coping and modify if necessary.

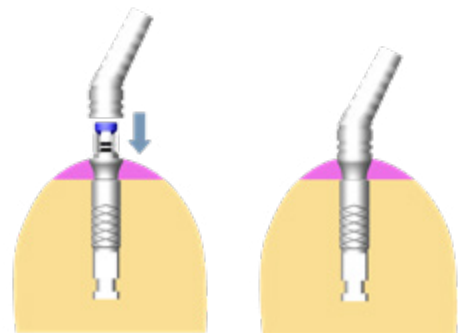
Please note:

A minimum height of 4 mm is required.

- Fabricate the temporary prosthesis while maintaining access to the AxIN® connection and screw channel.
- Brush and then steam-clean the AxIN® connection and screw channel of the temporary prosthesis.

Attaching the temporary prosthesis

- Insert the final screw into the AxIN® base.
- Seat the temporary prosthesis on the resulting assembly, making sure to correctly align the three-lobed index to lock the screw in position.
- Do a final check on the master cast before sending it to the dental practitioner.



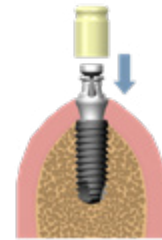
b. FABRICATING THE PROSTHESIS IN THE DENTAL PRACTICE

Preparing the temporary prosthesis

- Insert the final screw into the AxIN® base.
- Seat the temporary coping on the resulting assembly to lock the screw in position.
- Screw the assembly into the implant for an initial try-in, hand-tightening the screw to a moderate torque.
- Unscrew and retrieve the temporary coping if modifications are required. If the base must remain in the mouth, place a protection on the AxIN® base and screw.

The protection can be inserted and retrieved by hand or with a tweezers.

When placing the protection cap on the base, make sure to unscrew the final screw to prevent the wings of the AxIN® base from deploying.



Please note:

Tightening the final screw deploys the AxIN® retaining ring. The resulting friction between the protection and base will make it difficult to place or remove the protection.

- Attach the lab base and lab screw to the implant analog. This assembly is the support structure on which the temporary prosthesis is fabricated.
- Attach the temporary coping to the lab base. A gentle hand-tightening of the lab screw securely attaches the temporary coping to the lab base.
- Prepare the temporary coping and modify if necessary.
- Fabricate the temporary prosthesis while maintaining access to the connection and screw channel.
- Brush and then steam-clean the connection and screw channel of the temporary prosthesis.

c. PLACING THE PROSTHESIS

Please refer to page 27, “c. Placing the prosthesis at the dental practice”.

D. FINAL PROSTHESIS ON AN AXIN® BASE



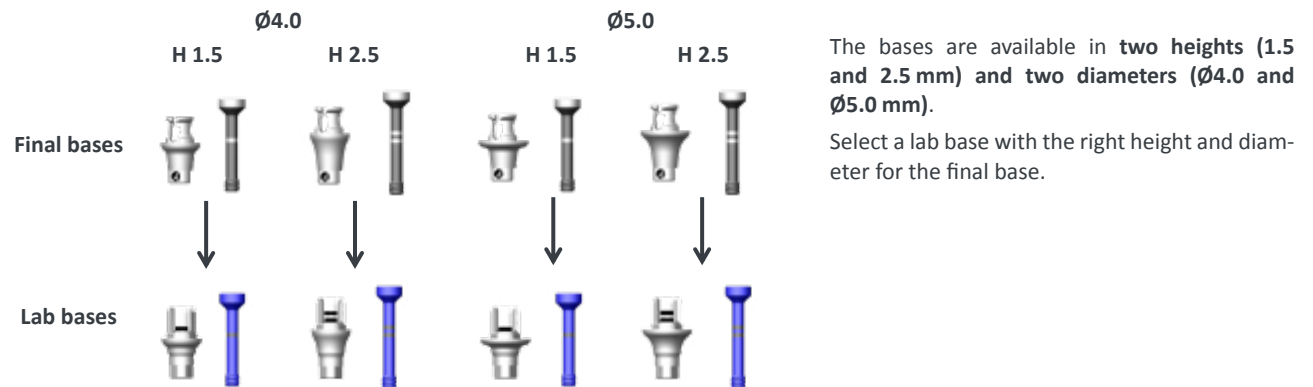
Catalog p.107

Characteristics:

- For a customised single-unit Simeda® restoration on an AxIN® base with angulated access up to 25°.
- Cement- and adhesive-free screw-retained restoration.
- Delivered non-sterile.
- Restoration available in zirconia.

PLEASE NOTE: Handle the AxIN® bases with care.

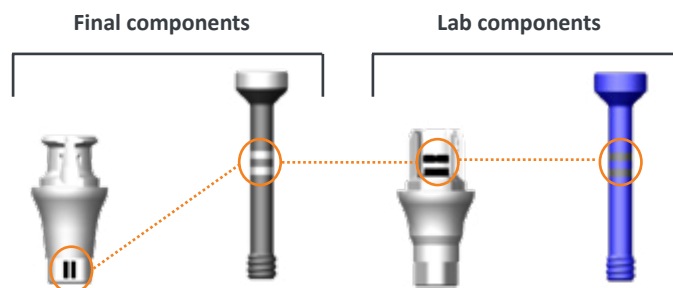
CHOICE OF BASE AND LAB BASE



AxIN® laser markings

The laser markings on the final bases, lab bases, final screws, and lab screws are used to match up the height of the components.

Matching up 2.5 mm components on an Axiom® BL implant:



a. DESIGNING THE FINAL PROSTHESIS IN THE LAB

NECESSARY EQUIPMENT



Implant analog
OPIA100



Lab scan adapter
152-27-SAA



Screwdriver for scan adapter
SATOOL-01

- The screw supplied with the implant analog must not be used in an AxIN® restoration.

PROTOCOL FOR USE:

- Select the appropriate library and scan the platform using the scan adapter and a lab scanner approved by Anthogyr S.A. Please refer to the Customised Prosthesis Design Manual at www.anthogyr.com (Ref. MANUEL-CAD_NOT).
- Design the abutment with a wax-up or compatible CAD software:
 - Up to 25° angulated access
 - Minimum height of prosthesis on an AxIN® base: 4.9 mm
 - Minimum diameter of prosthesis on an AxIN® base: 4.5 mm
- Milling of the AxIN® Simeda® prosthesis (order via Anthogyr WebOrder and send an STL file or a physical wax-up).

b. FABRICATING THE FINAL PROSTHESIS IN THE LAB

NECESSARY EQUIPMENT



Ø4.0 mm lab base with lab screw
locked in position
AXIN152-27L41 / AXIN152-27L42



Ø5.0 mm lab base with seated
lab screw locked in position
AXIN152-27L51 / AXIN152-27L52



Ball wrenches
INBW100S / INBW100L / INBW100XL



AxIN® key for Axiom® Multi Level®
AXIN-TOOL-AML

PROTOCOL FOR USE:

Mounting the ceramic

- AxIN® Simeda® prosthesis arrives.
- Mount the lab base and lab screw on the implant analog in the master cast.
- The resulting assembly can now be used to easily attach or remove the prosthesis as it moves through the firing cycles:
 - The milled prosthesis has a three-lobed index. This means that the final prosthesis can attach to the lab base in three positions.
 - A gentle hand-tightening of the lab screw securely attaches the final prosthesis to the lab base.

Comment:

Over-tightening the screw reduces the number of times the lab base can be re-used.

- Fire the prosthesis.

Please note:

Make sure that there is no glazing under the crown where it meets the platform of the AxIN® base.

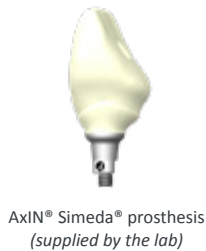
Assembling the final components

- Insert the final screw into the base.
- Seat the milled prosthesis on the resulting assembly, and correctly align the three-lobed index to lock the screw in position.
- Do a final check on the master cast before sending the final restoration to the dental practitioner.



c. PLACING THE PROSTHESIS IN THE DENTAL PRACTICE

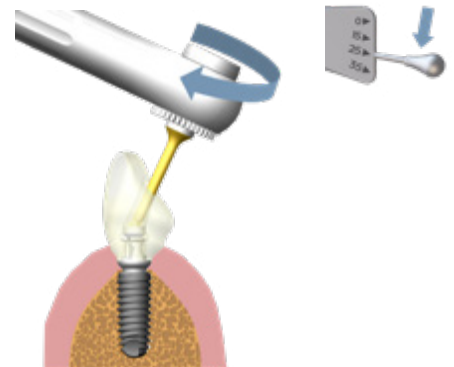
NECESSARY EQUIPMENT



PROTOCOL FOR USE:

Placing the prosthesis

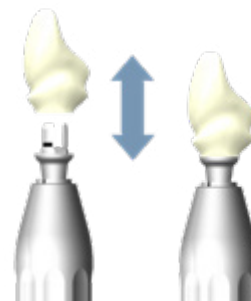
- Clean the implant connection.
- Place the prosthesis in the mouth.
- Tighten the screw to **25 N.cm** using a ball wrench mounted on the dynamometrical ratchet wrench (Ref. INCCD) or a ball mandrel attached to the TORQ CONTROL®.
- Check radiographically that the restoration and base are correctly positioned.
- Fill in the screw channel with Teflon, then seal with composite.
- If the AxIN® base needs to be retrieved or replaced, use the abutment extractor (Ref. INEXPS/INEXPL). Attach the crown to the base extraorally using the AxIN® key.



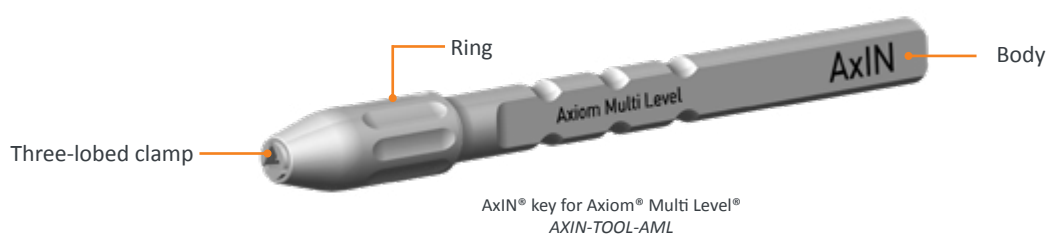
d. AXIN® KEY

Characteristics:

- Facilitates AxIN® assembly.
- Attach or remove the milled prosthesis from the final base EXTRAORALLY.
- For use with three-lobed Axiom® BL or Axiom® TL.

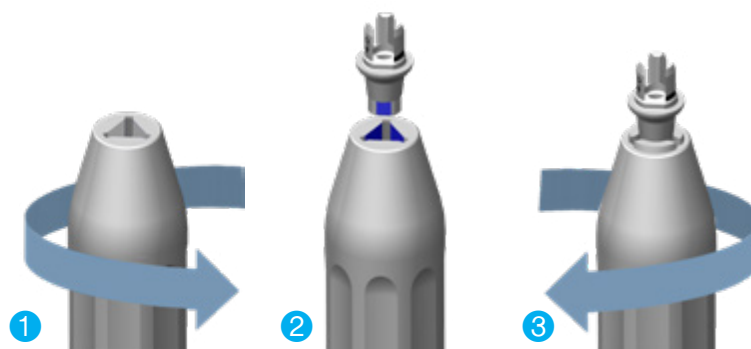


Description



Instructions:

- ❶ Unscrew the ring.
- ❷ Insert the three-lobed interface of the base or lab base into the clamp.
- ❸ Tighten the ring.



E. PROSTHESIS ON ESTHETIC TITANIUM ABUTMENTS

ESTHETIC ABUTMENT

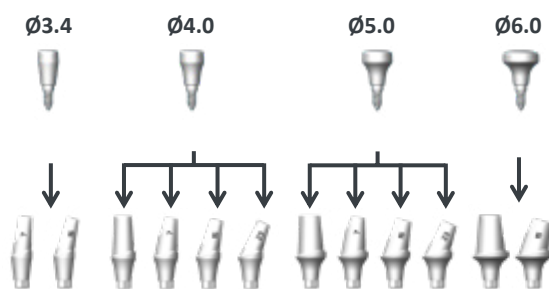


Catalog p.108

Characteristics:

- For single- or multiple-unit cement-retained restorations on Axiom® BL implants.
- Delivered non-sterile.
- Anti-rotational interface with the crown.
- Esthetic collar line for cement-retained prostheses.
- Extractable.

CHOICE OF ABUTMENT



EMERGENCE PROFILE

Choice of five gingival heights (0.75, 1.5, 2.5, 3.5, and 4.5 mm), four prosthetic emergence profiles (3.4, 4.0, 5.0, and 6.0 mm), and four coronal angulations (0°, 7°, 15°, and 23°). Ideally, the abutment should be chosen based on the healing screw inserted and maintain the emergence profile.

PLEASE NOTE: Try-in abutments are available to facilitate the choice of abutment. Follow the same protocol for use for both straight and angulated abutments. Always consider the orientation of the implant when working with esthetic abutments.

PLEASE NOTE: Esthetic titanium abutments with a 4.5 mm gingival height have a gingival profile that allows them to be used in two situations:

- 4.5 mm gingival height and 7 mm coronal height.
- 2.5 mm gingival height and 9 mm coronal height (in which case raise the cylindrical section by 2 mm).



Laser markings clearly indicate the diameter, gingival height, and angulation of each abutment.

NECESSARY EQUIPMENT



Hexagonal mandrels
INMHECV / INMHVELV / INMHXLV



Hexagonal wrenches
INCHECV / INCHELV / INCHEXLV



Implant analog
OPIA100



Esthetic abutment
Catalog p.108

PROTOCOL FOR USE:

→ Take an impression (see p.16).

• FABRICATE THE PROSTHESIS:

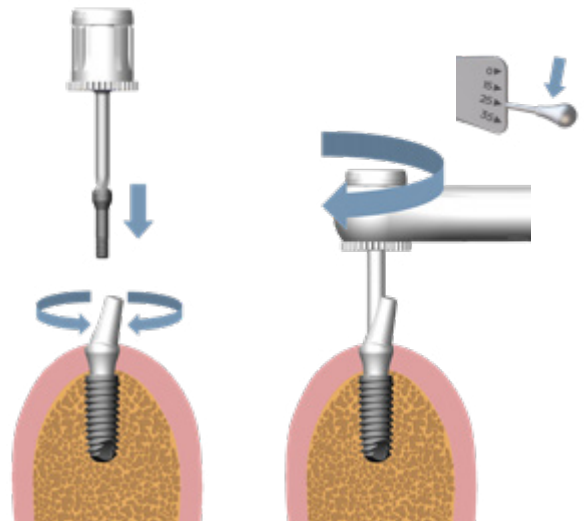
- Fully insert the selected esthetic titanium abutment into the analog, verifying correct orientation. Tighten the M1.6 lab fixation screw.
- Modify the abutment if necessary.

• PLACING THE ABUTMENT:

- Align the index and then insert the abutment into the implant, verifying correct orientation. Tighten the black M1.6 fixation screw provided.
- Retroalveolar radiography may be performed to confirm that the abutment is correctly seated in the implant.

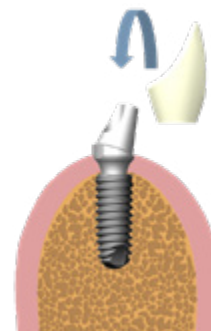


Tighten to **25 N.cm** using a hexagonal wrench and the dynamometrical ratchet wrench (Ref. INCCD) or a hexagonal mandrel and the TORQ CONTROL®.



• RESTORATION:

- Protect the screw head, then seal the access channel with filler.
- Permanently bond the crown to the inserted abutment.



F. PROSTHESIS ON A STANDARD TITANIUM ABUTMENT

STANDARD ABUTMENT

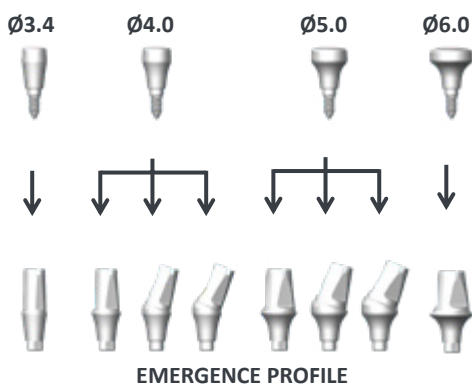


Catalog p.109

Characteristics:

- Straight abutments for single- or multiple-unit cement-retained restorations.
- Angulated abutments for multiple-unit cement-retained restorations.
- Only the straight standard titanium abutment is indexed.
- Delivered sterile.
- Extractable.

CHOICE OF ABUTMENT



Choice of three gingival heights (1.5, 2.5, and 3.5 mm), two coronal heights with straight abutments (4 and 6 mm), and two angulations with non-indexed angulated abutments (15° and 23°).

Ideally, choose the abutment based on the healing screw inserted and maintain the emergence profile. Choose an abutment that does not need to be modified.

PLEASE NOTE: Try-in abutments are available to facilitate the choice of abutment. Follow the same protocol for use for both straight and angulated abutments. Always consider the orientation of the implant when using angulated abutments.

NECESSARY EQUIPMENT



Hexagonal mandrels
INMHECV / INMHVELV /
INMHXLV



Hexagonal wrenches
INCHECV / INCHELV /
INCHEXLV



Protection cap
Catalog p.109



Indexed and non-indexed
castable copings
Catalog p.110



Abutment analog
Catalog p.106



Standard abutment
Catalog p.109

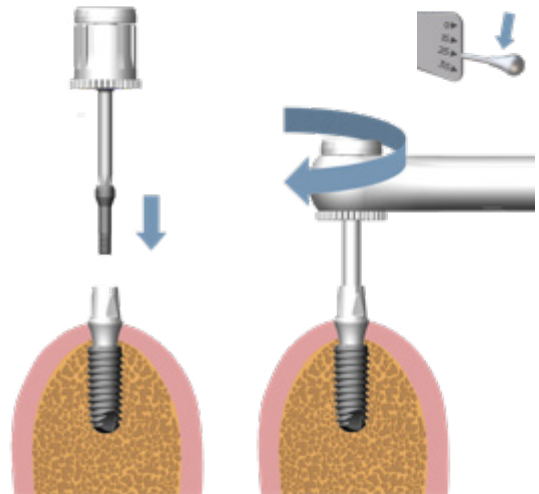
PROTOCOL FOR USE:

• INSERTING THE ABUTMENT:

- Remove the healing screw using the long hexagonal wrench.
- Fully seat the standard titanium abutment into the implant and tighten the black M1.6 fixation screw provided.
- Retroalveolar radiography may be performed to confirm that the abutment is correctly seated in the implant.

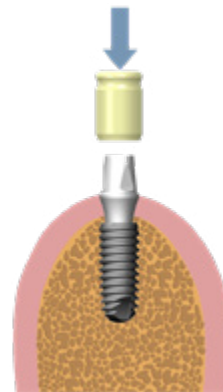


Tighten to **25 N.cm** using a hexagonal wrench and the dynamometrical ratchet wrench (Ref. INCCD) or a hexagonal mandrel and the TORQ CONTROL®.



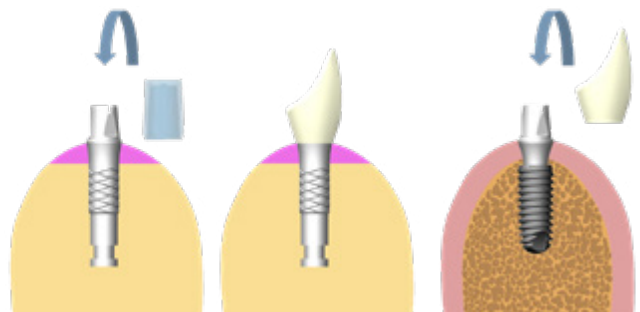
• PROTECTING THE ABUTMENT:

- Thoroughly clean the abutment.
- Protect the screw head, then temporarily bond the protection cap onto the abutment.
- Carefully remove any excess cement.



• FABRICATING THE PROSTHESIS:

- Take an impression (see p.19).
- Use the castable coping(s) to fabricate the metal substructure. Apply die spacer to the analogs to stabilise the castable copings on the master cast.
- Fabricate the final prosthesis according to current restoration guidelines.
- Protect the screw head, then seal the access channel with filler.
- Permanently bond the crown to the inserted abutment.
- Carefully remove any excess cement.



PLEASE NOTE: indexed and non-indexed copings are available for single- and multiple-unit cement-retained prostheses, respectively.

G. PROSTHESIS ON A LAB BASE

AXIOM® BL FLEXIBASE®

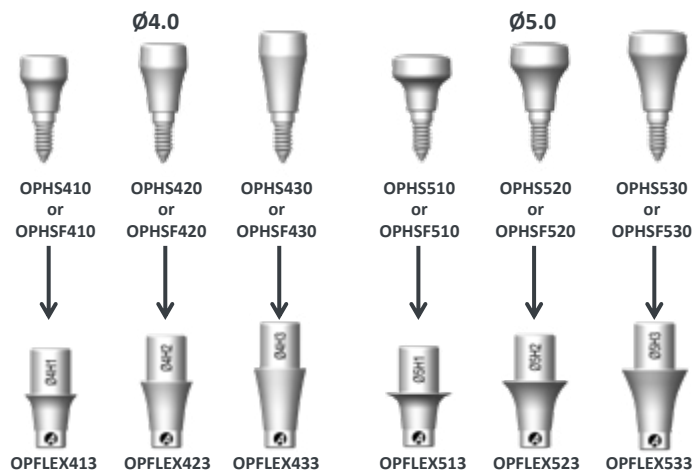


Catalog p.107

Characteristics:

- For single-unit screw-retained restorations on Axiom® BL implants.
- Delivered non-sterile.
- Single-use.
- Extractible.

CHOICE OF BASE



The Axiom® BL FlexiBase® is available in two diameters (4.0 and 5.0 mm) and three gingival heights (1.5, 2.5, and 3.5 mm).

EMERGENCE PROFILE

NECESSARY EQUIPMENT



Hexagonal mandrels
INMHECV / INMHEL /
INMHELV



Hexagonal wrenches
INCHECV / INCHEL /
INCHELV



Castable copings
OPFLEXC403 / OPFLEXC503



FlexiBase® base
Catalog p.107



Implant analog
OPIA100

PROTOCOL FOR USE:

IN THE LAB

- **CAD/CAM MILLING THE SUPERSTRUCTURE:**

- Exocad, 3Shape, and Dental Wings CAD libraries may be downloaded from www.anthogyr.com.
- For information on which scan adapter and digital transfer to use, please refer to the Labside compatibility list at www.anthogyr.com
- For more information on intraoral scanning, please refer to the user manual at ifu.anthogyr.com (AXIOM-SIO_NOT). In the search box, type the code "152-27-DT".
- If milling zirconia, please refer to the restoration material manufacturer for recommendations on the minimum thickness of the superstructure.

- **POURING THE SUPERSTRUCTURE:**

- Use the appropriate castable coping.

- **CEMENTING:**

- Please refer to the cement manufacturer's guidelines. Anthogyr recommends PANAVIA™ V5 by Kuraray Dental.

- ① **Sandblasting:**

- Protect the base's connection by attaching the base to an analog.
- Sandblast the coronal part of the base with 50 to 125 µm aluminum oxide (Al₂O₃) at 2 to 4 bars of pressure, then steam-clean.
- Lightly sandblast the intaglio of the prosthesis.
- For the following steps, we recommend handling the bases with a dental tweezers.

- ② **Cementing:**

- Apply primer to the coronal part of the base and intaglio of the prosthesis.
- Seal the access channel with wax.
- Apply cement to the coronal part of the base. Allow to cure for a few seconds under an ultraviolet (UV) curing light. Remove excess cement.
- Unseal the access channel and clean.
- Photopolymerise the prosthesis in a UV cabinet for 5 min.

AT THE DENTAL PRACTICE

- Clean and sterilize the prosthetic restoration and final prosthetic screw.
-  Attach the prosthetic restoration to the implant using the M1.6 fixation screw. Tighten to **25 N.cm** using the dynamometrical ratchet wrench (Ref. INCCD) or TORQ CONTROL®.
- Protect the screw head, then seal the access channel with filler.

H. PROSTHESIS ON A CEREC®-COMPATIBLE BASE

CEREC®-COMPATIBLE AXIOM® BL BASE

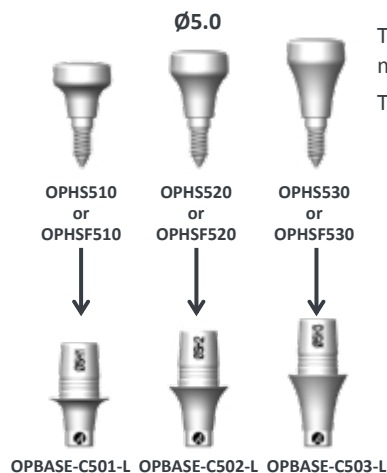


Catalog p.107

Characteristics:

- For single-unit screw-retained restorations on Axiom® BL implants.
- Delivered non-sterile.
- The base is only compatible with the milling blocks marketed by Dentsply Sirona.
- Extractible.

CHOICE OF BASE



The coronal part of the base is compatible with the CEREC® scan bodies and milling machines marketed by Dentsply Sirona.

They are available in **three gingival heights (1.5, 2.5, and 3.5 mm)**.

EMERGENCE PROFILE

NECESSARY EQUIPMENT



Hexagonal mandrels
INMHECV / INMHXLV /
INMHEXLV



Hexagonal wrenches
INCHECV / INCHELXV /
INCHEXLV



FlexiBase® base
Catalog p.107

PROTOCOL FOR USE:



Tighten the base to **25 N.cm** using the corresponding M1.6 titanium screw.

- Place the **Dentsply Sirona size L scan body** on the base, then take the impression.
- Select the NB RS 4.3 platform in CEREC® version 4.5.2 (software folder **Dentsply Sirona Others**), then image and design the restoration.
- Refer to the restoration material manufacturers' guidelines on the minimum thickness for the superstructure.
- Mill the restoration from a size L block.
- Cement the superstructure to the base.
- Refer to the cement manufacturers' guidelines for cementing instructions.

I. PROSTHESIS ON OTHER ABUTMENTS

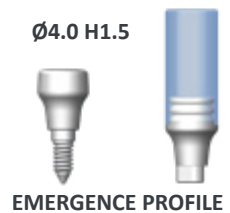
a. CASTABLE GOLD ABUTMENT



OPOG110

Characteristics:

- For single-unit screw-retained or multiple-unit cement-retained restorations on Axiom® BL implants.
- Delivered non-sterile.
- The castable gold abutment is available in a single emergence profile (4.0 mm).
- Technical specifications:
 - CERAMICOR® composition: Au 60%, Pd 20%, Pt 19%, Ir 1%.
 - Firing temperature: 1400–1490°C.
 - *Technical support: Cendres+Métaux S.A.*
- Modify the abutment and fabricate the prosthesis in the lab only.



NECESSARY EQUIPMENT



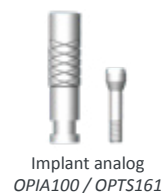
Hexagonal mandrels
INMHECV / INMHVELV /
INMHXLV



Hexagonal wrenches
INCHECV / INCHELVE /
INCHEXLV



Lab screws
OPTS162



Implant analog
OPIA100 / OPTS161



Castable gold abutment
OPOG110

PROTOCOL FOR USE:

- Take an impression (see p.16).

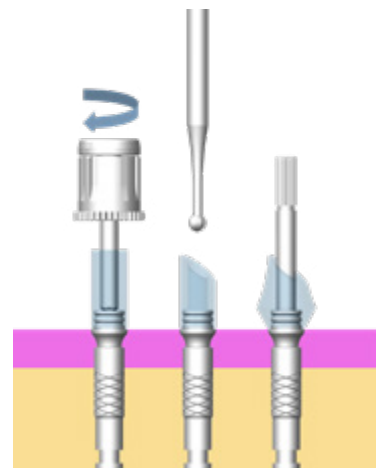
Please note:

As there is only one size castable gold abutment, there is only one size healing screw as well.

• FABRICATING THE ABUTMENT:

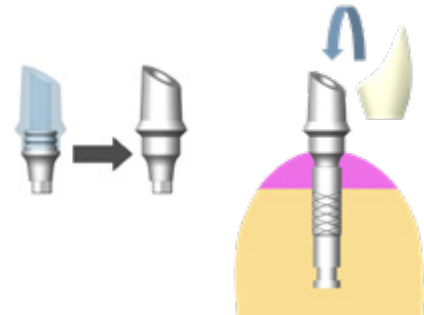
- Insert the castable gold abutment into the analog and tighten the M1.6 lab fixation screw.
- Modify the castable sleeve with a bur and/or by adding castable resin (wax) to create a customised abutment.

NOTE: Use the long lab screw to maintain access to the screw channel as the resin is added.



• FABRICATING THE ABUTMENT AND FINAL CROWN:

- Carefully remove the customised castable gold abutment from the master cast.
- Cast the abutment according to the material manufactures' instructions and current casting guidelines.
- Reattach the abutment to the master cast in the correct orientation using the M1.6 fixation screw. Fabricate the final prosthesis.



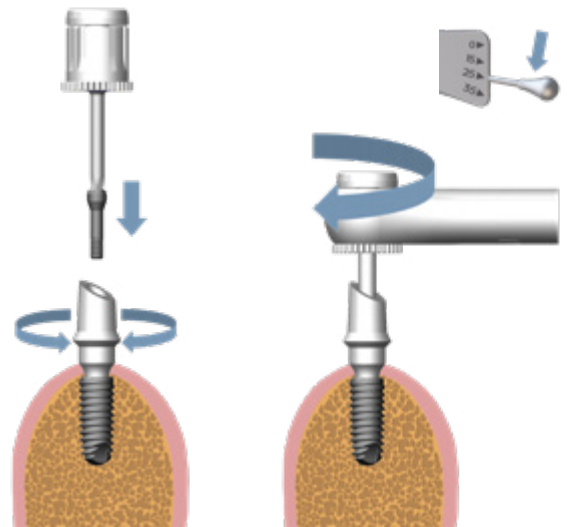
axiom® BL

• PLACING THE ABUTMENT:

- Align the index, then insert the customised gold abutment into the implant in the correct orientation. Tighten the black M1.6 fixation screw provided.
- Retroalveolar radiography may be performed to confirm that the abutment is securely seated in the implant.

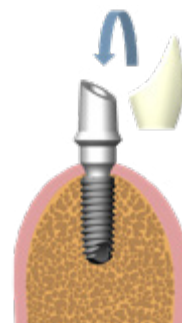


Tighten to **25 N.cm** using a hexagonal wrench and the dynamometrical ratchet wrench (Ref. INCCD) or a hexagonal mandrel and the TORQ CONTROL®.



• RESTORATION:

- Protect the screw head, then seal the access channel(s) with filler.
- Permanently cement the crown to the inserted abutment. Carefully remove any excess cement.



b. TRIMMABLE ABUTMENT



OPFS100

Characteristics:

- For single- or multiple-unit cement-retained restorations on Axiom® BL implants.
- Delivered non-sterile.
- Coronal portion of abutment is modifiable (minimum thickness 0.5 mm).

Ø4.0 H1.5



EMERGENCE PROFILE

NECESSARY EQUIPMENT



Hexagonal mandrels
INMHECV / INMHXLV / INMHEXLV



Hexagonal wrenches
INCHECV / INCHEXLV / INCHEXLV



Implant analog
OPIA100



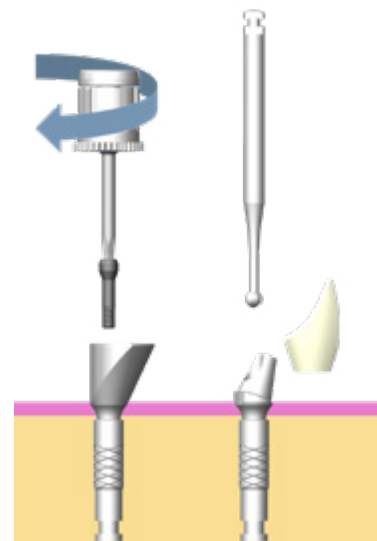
Trimable abutment
OPFS100

PROTOCOL FOR USE:

- Take an impression (see p.16).

• FABRICATING THE PROSTHESIS:

- Align the index, then insert and engage the trimmable abutment in the analog in the correct orientation. Tighten the M1.6 lab fixation screw.
- With the abutment now seated on the master cast, trim the abutment using a bur (leaving a minimum thickness of 0.5 mm).
- Fabricate the final prosthesis.

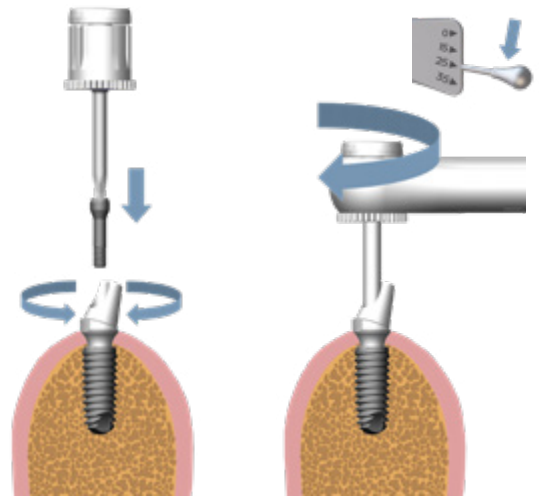


• **PLACING THE ABUTMENT:**

- Align the index, then insert the trimmed abutment into the implant in the correct orientation. Tighten the black M1.6 fixation screw provided.
- Retroalveolar radiography may be performed to confirm that the abutment is securely seated in the implant.



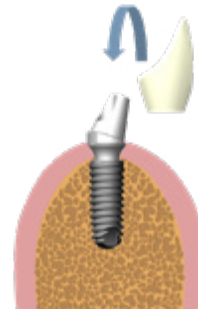
Tighten to **25 N.cm** using a hexagonal wrench and the dynamometrical ratchet wrench (Ref. INCCD) or a hexagonal mandrel and the TORQ CONTROL®.



axiom® BL

• **RESTORATION:**

- Protect the screw head, then seal the access channel(s) with filler.
- Permanently cement the crown to the inserted abutment. Carefully remove any excess cement.



4. Multiple-unit prosthesis on inLink® abutments

INLINK® ABUTMENT

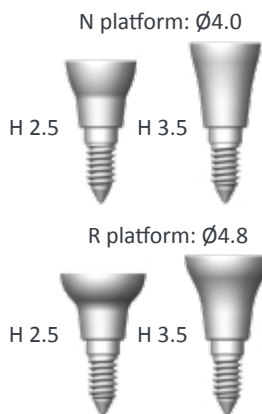


Catalog p.110

Characteristics:

- For complete fixed screw-retained inLink® restorations on Axiom® BL implants.
- These abutments make it possible to use the inLink® connection on an Axiom® BL implant.
- A multiple-unit inLink® prosthesis can be used on a combination of Axiom® TL implants and Axiom® BL implants with inLink® abutments.
- Delivered sterile.

CHOICE OF ABUTMENT

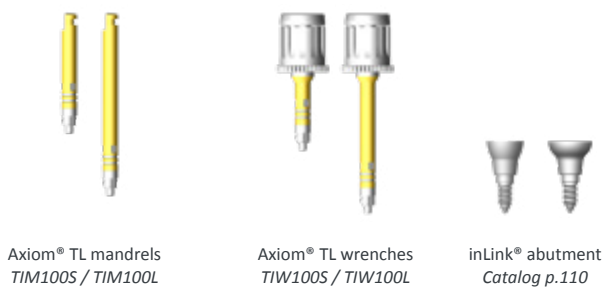


The inLink® abutments are available in two collar heights (2.5 and 3.5 mm) and two platform diameters (N: Ø4.0 and R: Ø4.8).

Ideally, the patient's available gingival height should determine the gingival height of the inLink® abutment.

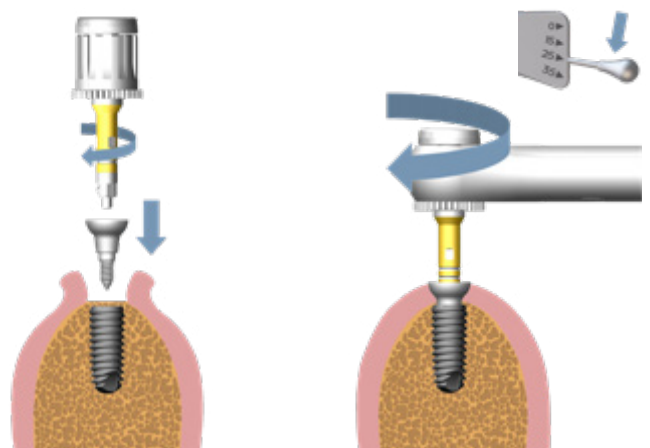
An inLink® abutment may also be directly used for the healing phase. Simply mount a closure screw or TL healing screw on top (see p.65).

NECESSARY EQUIPMENT



PLACING THE ABUTMENT

- Insert the inLink® abutments into the Axiom® BL implants.
- Tighten to **25 N.cm** with an Axiom® TL wrench and the dynamometrical ratchet wrench (Ref. INCCD) or with an Axiom® TL mandrel and the TORQ CONTROL®.



IMPRESSION

See the section about taking impressions on multiple-unit inLink® prostheses (p.79).

TEMPORARY PROSTHESIS

See the section “Temporary inLink® prosthesis” (p.80).

FINAL PROSTHESIS

See the section “Final inLink® prosthesis” (p.83).

ACCESSORIES

See the section “inLink® accessories” (p.86).

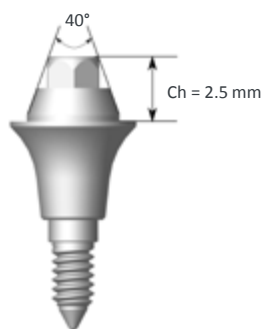
5. Multiple-unit screw-retained prosthesis on Multi-Unit abutments

A. PRESENTATION

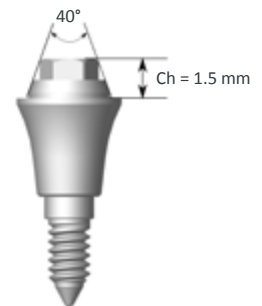
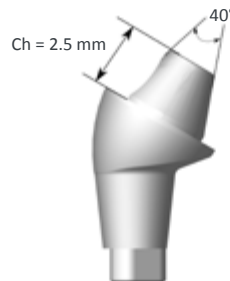
The Axiom® BL Multi-Unit abutment range comprises:

- Straight and angulated abutments with a Ø4.8 mm platform and corresponding components.
- Straight abutments with a Ø4.0 mm platform and corresponding components.

Dimensions:



Ø4.8 mm platform



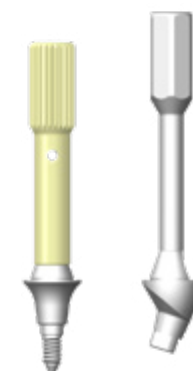
Ø4.0 mm platform

Color coding of corresponding components:

- Blue: the Multi-Unit M1.4 titanium lab screw and pick-up screw are compatible with the Multi-Unit Ø4.8 and Ø4.0 mm abutments.
- Yellow or laser-marked "4.8": components are specifically for Multi-Unit Ø4.8 mm abutments.
- Green or laser-marked "4.0" or "N": components are specifically for Multi-Unit Ø4.0 mm abutments.

Characteristics:

- For multiple-unit screw-retained restorations on Axiom® BL implants.
- Delivered sterile.
- Single-use.
- All Multi-Unit abutments are delivered with a pre-mounted holder.



Multi-Unit
COMMON platform
Ø4.8 mm



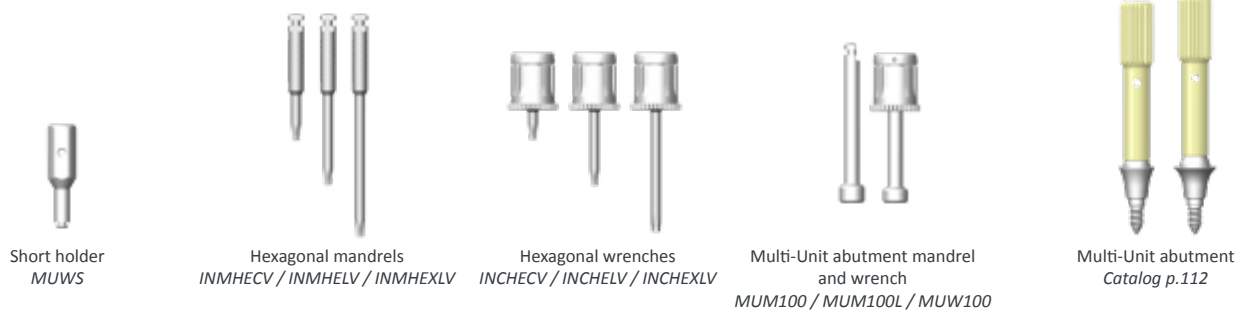
Multi-Unit
NARROW platform
Ø4.0 mm

B. PLACEMENT

CHOICE OF MULTI-UNIT ABUTMENT

- The Multi-Unit abutment range comprises straight and angulated abutments.
- The straight Multi-Unit abutments are available in two platform sizes (N: Ø4.0 and R: Ø4.8 mm) and five gingival heights (0.75, 1.5, 2.5, 3.5, and 4.5 mm).
- The angulated Multi-Unit abutments are available in one platform size (R: Ø4.8 mm), four gingival heights (0.75, 1.5, 2.5, and 3.5 mm), and two coronal angulations (18° and 30°), with an indexed or non-indexed interface.

NECESSARY EQUIPMENT

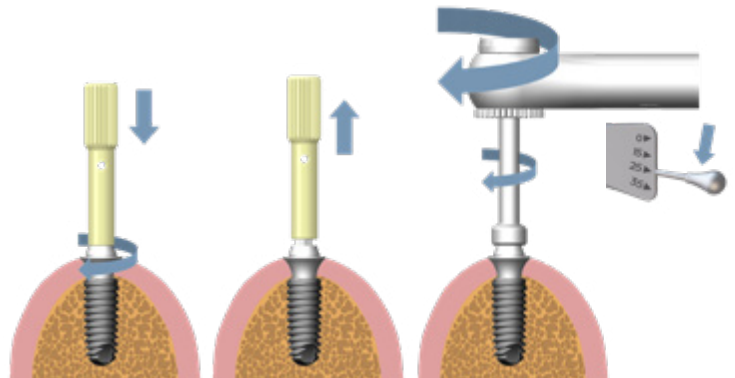


PROTOCOL FOR USE:

• STRAIGHT MULTI-UNIT ABUTMENT

- Lightly screw the straight Multi-Unit abutment into the implant using the Multi-Unit holder. Remove the holder.

 Tighten the straight Multi-Unit abutment to **25 N.cm** using the Multi-Unit wrench and the dynamometrical ratchet wrench (Ref. INCCD) or the Multi-Unit mandrel and TORQ CONTROL®.

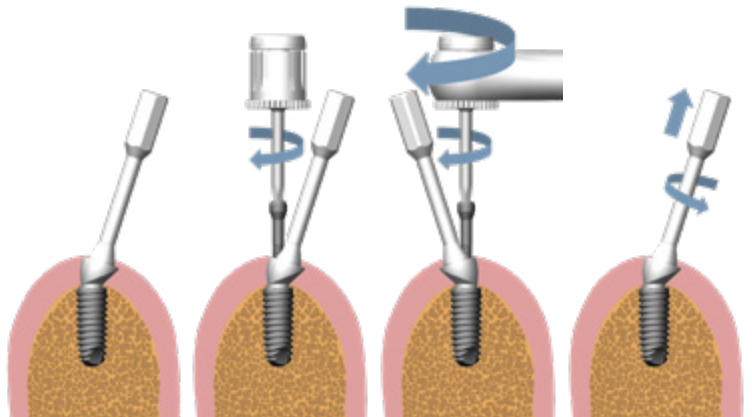


• ANGULATED MULTI-UNIT ABUTMENT

- Insert and (if indexed) engage the angulated Multi-Unit abutment in the correct orientation. Tighten the black M1.6 Multi-Unit abutment screw using a hexagonal wrench.

 Tighten the screw to **25 N.cm** using a hexagonal wrench and the dynamometrical ratchet wrench (Ref. INCCD) or a hexagonal mandrel and the TORQ CONTROL®.

- Remove the holder.

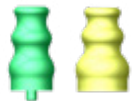


Please note:

In cases with limited mouth opening, remove the abutment holder supplied with the Multi-Unit abutment and replace it with the short holder.

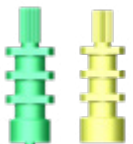
C. IMPRESSION

Characteristics:



POP-IN TRANSFER

- For closed-tray impressions on Multi-Unit abutments.
- Delivered non-sterile.
- Single-use.



PICK-UP TRANSFER

- For open-tray impressions on Multi-Unit abutments.
- Delivered non-sterile.
- Single-use.



PROTECTION CAPS

- Protection caps are available if a healing phase is required after taking the impression.
- Delivered sterile.
- Single-use.

CHOICE OF COMPONENT:

- The protection caps as well as the pop-in and pick-up transfers come in two platform sizes (Ø4.0 and Ø4.8 mm).

NECESSARY EQUIPMENT



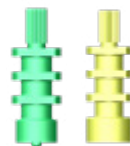
Hexagonal mandrels
INMHECV / INMHXLV /
INMHEXLV



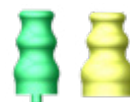
Hexagonal wrenches
INCHECV / INCHELXV /
INCHEXLV



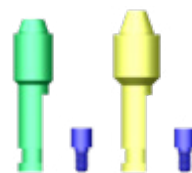
Protection cap
MUNCAP / MUCAP



Pick-up transfer
MUNT100 / MUT100



Pop-in transfer
MUNT200 / MUT200

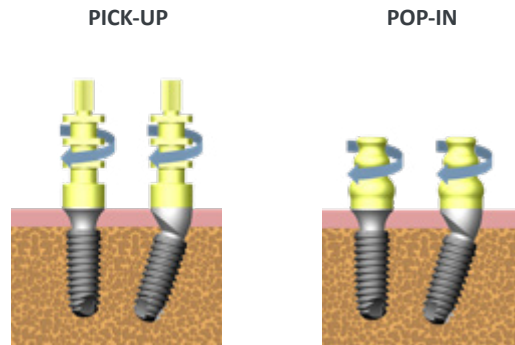


Abutment analog
MUNA100 / MUA100

PROTOCOL FOR USE:

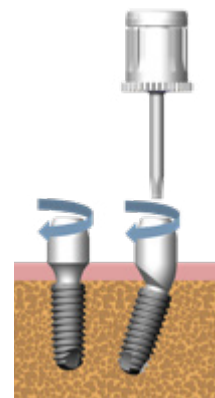
• IMPRESSION:

- Attach the pop-in or pick-up transfer to the Multi-Unit abutment and hand-tighten to **< 10 N.cm**.
- Take a closed-tray (pop-in) or open-tray (pick-up) impression.
- We recommend taking a radiograph while the transfer is in place to check that it is correctly positioned.



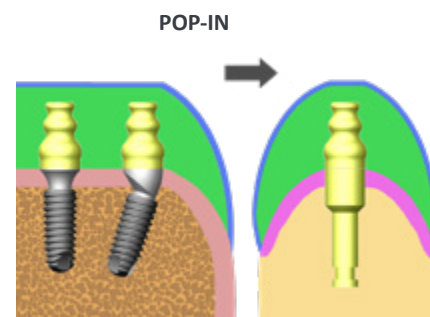
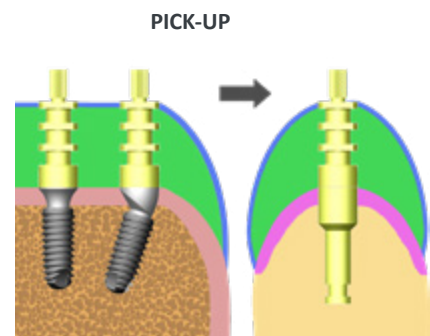
• HEALING PHASE:

- Insert the Multi-Unit protection caps and hand-tighten to **< 10 N.cm**.



• FABRICATE THE MASTER CAST:

- Place a Multi-Unit analog on each transfer.
- Fabricate the master cast.



D. TEMPORARY PROSTHESIS



Catalog p.113

The temporary prosthesis can be fabricated on straight or angulated copings.

a. STRAIGHT TEMPORARY PROSTHESIS

Characteristics:

- Temporary multiple-unit screw-retained restoration on Multi-Unit abutments.
- Straight screw channel.
- Delivered non-sterile.
- Single-use.

CHOICE OF TEMPORARY COPING

The temporary copings are available in two platform sizes (N: Ø4.0 and R: Ø4.8 mm).

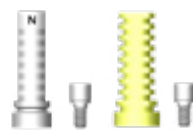
NECESSARY EQUIPMENT



Hexagonal mandrels
INMHECV / INMHELV /
INMHEXLV



Hexagonal wrenches
INCHECV / INCHELV /
INCHEXLV



Temporary titanium coping
MUNC100 / MUC100



Temporary PEEK coping
MUNC200 / MUC200



Protection analog
MUNA200 / MUA200



Ø2.0 mm channel rod
CR20-4

PROTOCOL FOR USE:

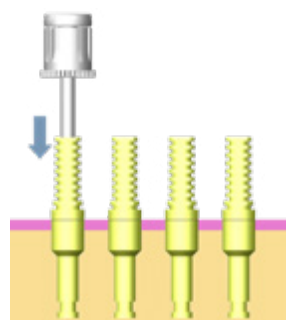
IN THE LAB

- Using a hexagonal instrument and M1.4 lab screws, attach the temporary titanium or PEEK copings to the Multi-Unit abutment analogs in the master cast.
- Modify the height of the temporary copings if necessary.

Please note:

A minimum height of 4 mm is required.

- Fill in the screw channels with wax or channel rods.
- Fabricate the framework.

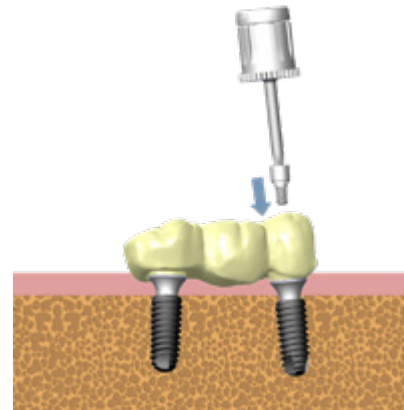


- Unscrew and remove the temporary prosthesis.
- Insert the Multi-Unit protection analogs into the intaglio of the prosthesis using a hexagonal instrument and M1.4 lab screws.
- Make final adjustments.



AT THE DENTAL PRACTICE

- Clean and sterilize the prosthesis and M1.4 titanium screws.
- Insert the temporary prosthesis using a hexagonal wrench and the M1.4 titanium screws provided.
- Tighten to **15 N.cm** using a hexagonal wrench and the dynamometrical ratchet wrench (Ref. INCCD) or a hexagonal mandrel and the TORQ CONTROL®.
- Take a radiograph to verify that the prosthesis is correctly in place.
- Seal the screw channels.



b. TEMPORARY PROSTHESIS WITH ANGULATED ACCESS

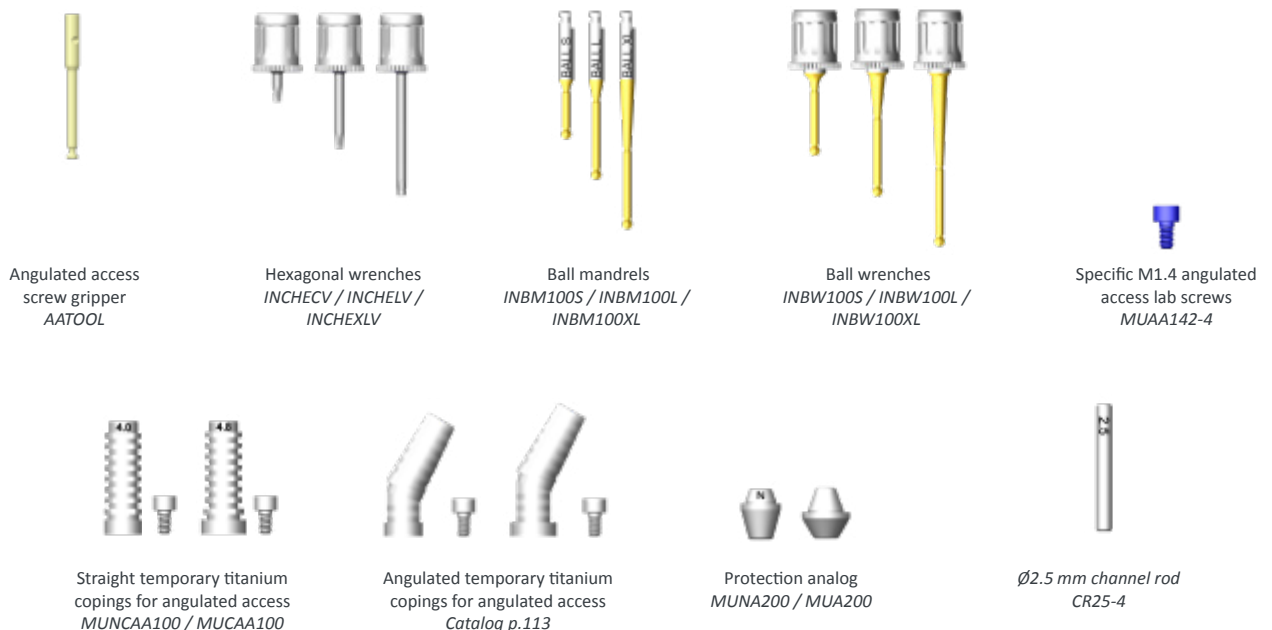
Characteristics:

- Temporary multiple-unit restoration on Multi-Unit abutments.
- Angulated screw channel.
- Specific M1.4 angulated access screws.
- Delivered non-sterile.
- Single-use.

CHOICE OF TEMPORARY COPING

The temporary copings are available in four angulations (0°, 10°, 15°, and 25°) and two platform sizes (N: Ø4.0 and R: Ø4.8 mm).

NECESSARY EQUIPMENT



PROTOCOL FOR USE:

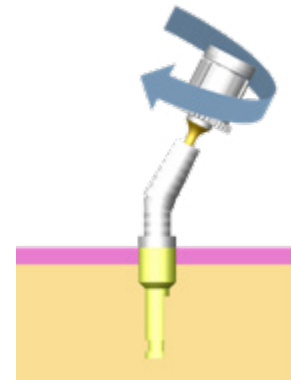
IN THE LAB

- Using a ball instrument and M1.4 angulated access lab screws, attach the temporary copings to the Multi-Unit abutment analogs in the master cast.
- Modify the height of the temporary copings if necessary.

Please note:

A minimum height of 4 mm is required.

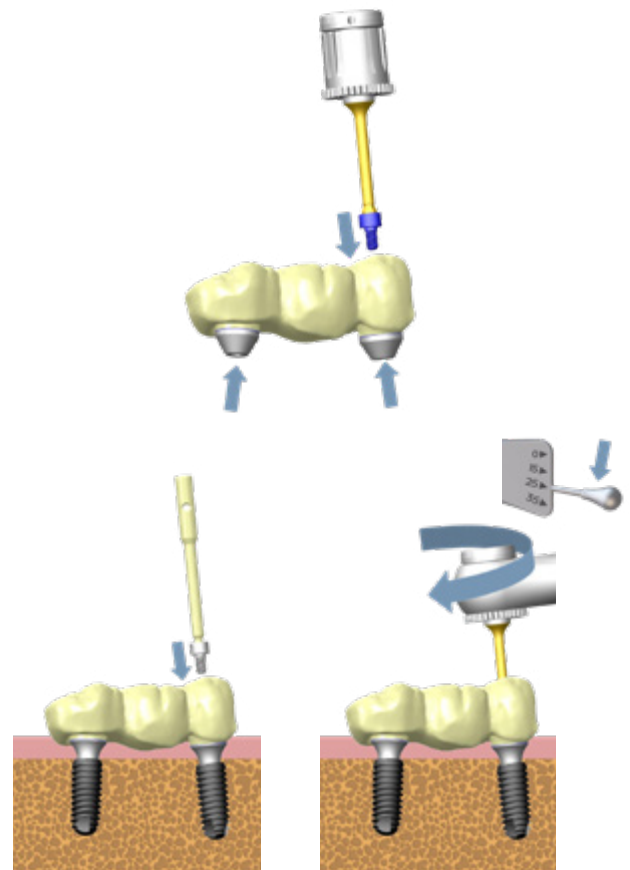
- Fill in the screw channels with wax or channel rods.
- Fabricate the framework.



- Unscrew and remove the temporary prosthesis.
- Insert the Multi-Unit protection analogs into the intaglio of the prosthesis using a ball instrument and M1.4 angulated access lab screws.
- Make final adjustments.

AT THE DENTAL PRACTICE

- Clean and sterilize the prosthesis and M1.4 angulated access screws.
- Insert the temporary prosthesis using a ball instrument and the M1.4 angulated access screws. Optional: The angulated access screw gripper can also be used to place the screws in the mouth.
- Tighten to **15 N.cm** using a ball wrench and the dynamometrical ratchet wrench (Ref. INCCD) or a ball mandrel and the TORQ CONTROL®.
- Take a radiograph to verify that the prosthesis is correctly in place.
- Seal the screw channels.



E. FINAL PROSTHESIS

a. FINAL PROSTHESIS ON FLEXIBASE®

Characteristics:

- Final multiple-unit screw-retained restorations on Multi-Unit abutments.
- Delivered non-sterile.
- Single-use.

CHOICE OF BASE

FlexiBase® Multi-Unit bases are available in two platform sizes (N: Ø4.0 and R: Ø4.8 mm).

NECESSARY EQUIPMENT



PROTOCOL FOR USE:

IN THE LAB

• CAD/CAM MILLING THE SUPERSTRUCTURE

- The appropriate Exocad, 3Shape, and Dental Wings CAD libraries may be downloaded from www.anthogyr.com.
- For information on which scan adapter and digital transfer to use, please refer to the Labside compatibility list at www.anthogyr.com.
- For more information on intraoral scanning, please refer to the user manual at ifu.anthogyr.com (AXIOM-SIO_NOT). In the search box, type the code "156-02-DT".
- If milling the superstructure from zirconia, please refer to the restoration material manufacturers for recommendations on minimum thickness.

• POURING THE SUPERSTRUCTURE

- Use the appropriate castable copings.

• CEMENTING THE BASES:

Please refer to the cement manufacturer's guidelines. Anthogyr recommends PANAVIA™ V5 by Kuraray Dental.

Sandblasting:

- Protect the connection of the base by attaching the base to an analog.
- Sandblast the coronal part of the base with 50 to 125 µm aluminum oxide (Al₂O₃) at 2 to 4 bars of pressure, then steam-clean.
- Lightly sandblast the intaglio of the prosthesis, then steam-clean.
- For the following steps, we recommend handling the bases with a dental tweezers.

Cementing the first base:

We recommend cementing the bases onto the most angulated analogs first.

- a. Apply primer to the coronal part of the base and intaglio of the prosthesis.
- b. Seal the access channel of the base with wax.
- c. Apply cement to the coronal part of the base, then place the prosthesis on the base to attach it. Allow to cure for a few seconds under a UV curing light. Remove excess cement.
- d. Unseal the access channel and clean.
- e. Photopolymerise the prosthesis in a UV cabinet for 5 min.

Cementing the other bases:

- Attach the bases to the master cast using long or short lab screws.
- Repeat steps "a" to "e".

AT THE DENTAL PRACTICE

- Clean and sterilize the prosthesis and final prosthetic screws.
- Place the prosthesis in the mouth.
-  Tighten the black M1.4 screws to **15 N.cm** using a hexagonal wrench and the dynamometrical ratchet wrench (Ref. INCCD) or a hexagonal mandrel and the TORQ CONTROL®.
- Take a radiograph to verify that the prosthesis is correctly in place.
- Seal the screw channels.

b. FINAL PROSTHESIS USING CASTABLE COPINGS



Catalog p.114

Characteristics:

- Final multiple-unit screw-retained restorations on Multi-Unit abutments.
- Fully castable coping.
- Pour the prosthesis using the lost-wax technique.
- Single-use.

CHOICE OF CASTABLE COPING

The castable copings are available in two platform sizes (N: Ø4.0 and R: Ø4.8 mm).

NECESSARY EQUIPMENT



Hexagonal mandrels
INMHCEV / INMHEL /
INMHXLV



Hexagonal wrenches
INCHEV / INCHEL /
INCHEXLV



Multi-Unit castable coping
MUNC300 / MUC300



Protection analog
MUNA200 / MUA200

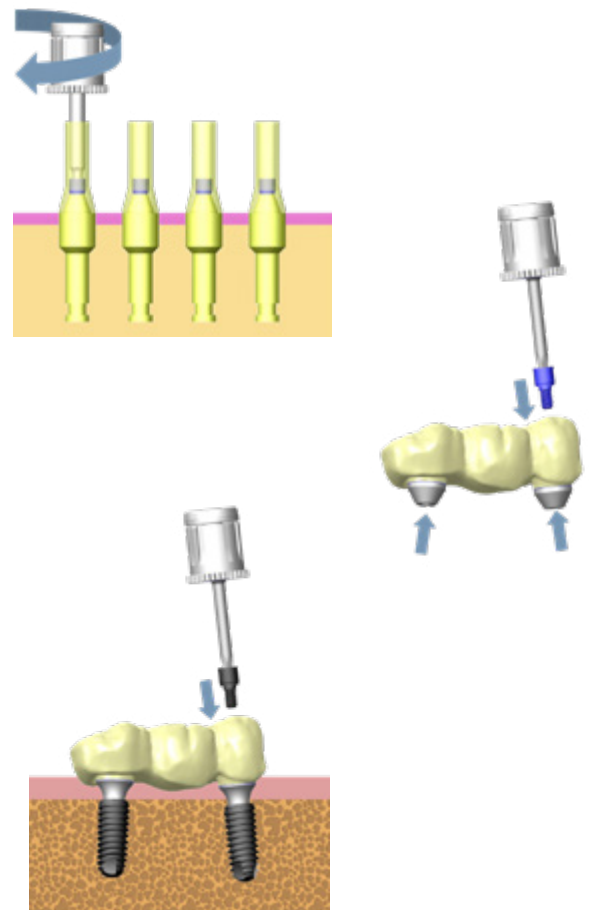
PROTOCOL FOR USE:

IN THE LAB

- Using a hexagonal instrument and M1.4 lab screws, attach the castable copings to the Multi-Unit abutment analogs in the master cast.
- Modify the height of the temporary copings if necessary.
- Seal the screw channels.
- Fabricate and cast the framework.
- Insert the Multi-Unit protection analogs into the intaglio of the prosthesis using a hexagonal instrument and M1.4 lab screws.
- Make final adjustments.

AT THE DENTAL PRACTICE

- Clean and sterilize the prosthesis and black M1.4 screws.
- Insert the prosthesis using a hexagonal instrument and the black M1.4 screws.
- Tighten to **15 N.cm** using a hexagonal wrench and the dynamometrical ratchet wrench (Ref. INCCD) or a hexagonal mandrel and the TORQ CONTROL®.
- Take a radiograph to verify that the prosthesis is correctly in place.
- Seal the screw channels.



c. FINAL PROSTHESIS ON CASTABLE CoCr COPINGS



Catalog p.114

Characteristics:

- Final multiple-unit screw-retained restorations on Multi-Unit abutments.
- Castable CoCr coping for pouring a superstructure.
- Delivered non-sterile.
- Single-use.

CHOICE OF CASTABLE COCR COPING

The castable CoCr copings are available in two platform sizes (N: Ø4.0 and R: Ø4.8 mm).

NECESSARY EQUIPMENT



Hexagonal mandrels
INMHECV / INMHEL /
INMHEXLV



Hexagonal wrenches
INCHECV / INCHEL /
INCHEXLV



Multi-Unit
castable CoCr coping
MUNC400 / MUC400

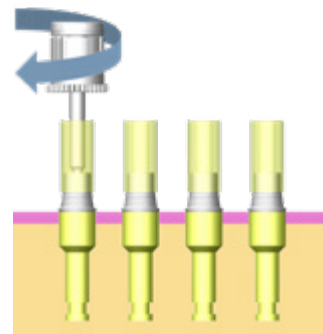


Protection analog
MUNA200 / MUA200

PROTOCOL FOR USE:

IN THE LAB

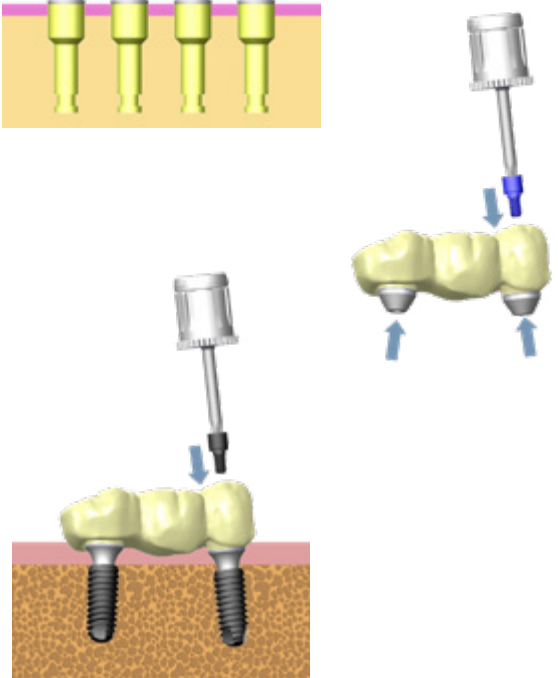
- Using a hexagonal instrument and M1.4 lab screws, attach the castable CoCr copings to the Multi-Unit abutment analogs in the master cast.
- Modify the height of the copings if necessary.
- Seal the screw channels.
- Fabricate and cast the framework according to the material manufacturers' recommendations with a CoCr alloy whose melting point is below 1338°C.



- Insert the Multi-Unit protection analogs into the intaglio of the prosthesis using a hexagonal instrument and M1.4 lab screws.
- Make final adjustments.

AT THE DENTAL PRACTICE

- Clean and sterilize the prosthesis and black M1.4 screws.
- Insert the final prosthesis using a hexagonal instrument and the black M1.4 screws.
- Tighten to **15 N.cm** using a hexagonal wrench and the dynamometrical ratchet wrench (Ref. INCCD) or a hexagonal mandrel and the TORQ CONTROL®.
- Take a radiograph to verify that the prosthesis is correctly in place.
- Seal the screw channels.



d. FINAL PROSTHESIS ON PACIFIC RINGS

Ø4.0 MULTI-UNIT ABUTMENTS



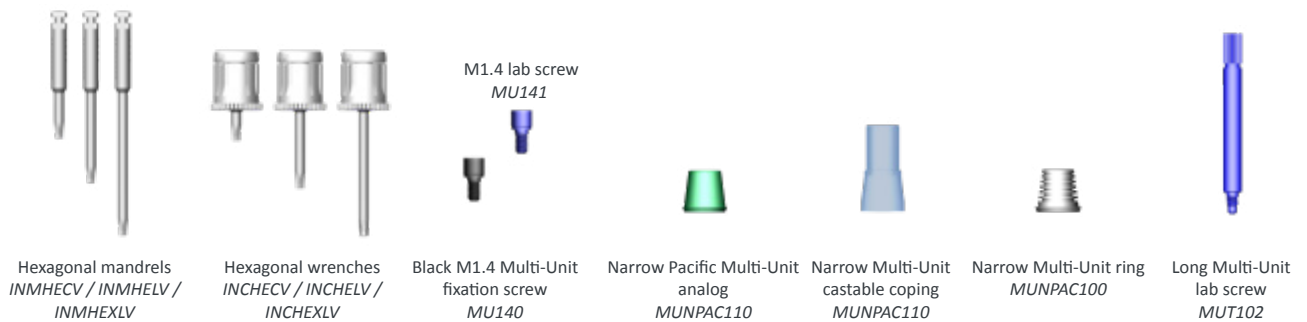
Catalog p.114

Pacific is an additional system that is only for use with multiple-unit or complete screw-retained prostheses on straight abutments. The Pacific ring is inserted between the straight Multi-Unit abutment and the framework cast by the lab, thereby guaranteeing a passive fit when the final prosthesis is screwed into place.

Characteristics and instructions:

- Multiple-unit screw-retained restorations on Ø4.0 mm Multi-Unit abutments.
- The ring is delivered disinfected but non-sterile with a final black M1.4 fixation screw.
- The recommended torque for the fixation screw is **15 N.cm**.
- The ring is only for use with straight Ø4.0 mm Multi-Unit abutments.

NECESSARY EQUIPMENT



PROTOCOL FOR USE:

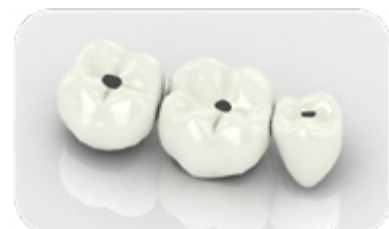
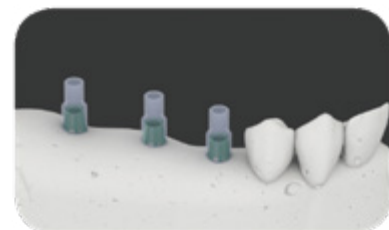
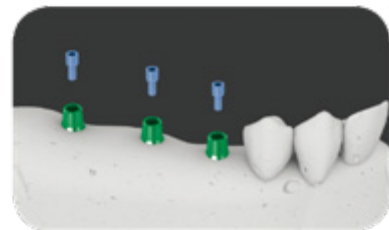
IN THE LAB

• PLACING THE ABUTMENT AND TAKING THE IMPRESSION:

- Refer to page 43.

• FABRICATING THE FINAL PROSTHESIS:

- Connect the narrow Pacific Multi-Unit analogs to the Multi-Unit abutment analogs using the M1.4 Multi-Unit lab screw. Hand-tighten to a moderate torque (< **10 N.cm**) with the hexagonal wrench.
- Place the castable copings on the narrow Pacific Multi-Unit analogs. Using a dental bur and/or by adding castable resin and linking the copings together, adjust as needed to create a customised castable framework or bar.
- Cast according to the material manufacturers' recommendations. Next, build up and fire the ceramic onto the framework. Apply the finishing touches.
- Sandblast and clean the intaglio of the prosthesis.



• CHECKING PASSIVE FIT:

- Unscrew the Pacific analogs from the master cast.
- Place a narrow Multi-Unit ring inside each housing in the framework.
- Screw the resulting assembly onto the master cast using long or short pick-up screws for Multi-Unit abutments. If a passive fit is not achieved, modify the intaglio of the prosthesis.
- Disassemble.



• CEMENTING THE PACIFIC RINGS:

- Apply dental cement to the grooved section of the narrow Pacific Multi-Unit rings as well as to the intaglio of the framework.
- Place a ring inside each housing in the framework.
- Screw the resulting assembly back onto the master cast using long or short pick-up screws for Multi-Unit abutments.
- Adhere to the drying time specified by the cement manufacturer.



AT THE DENTAL PRACTICE

• PLACING THE PROSTHESIS:

- Insert the prosthesis into the patient's mouth using the new black M1.4 Multi-Unit screws supplied with the rings.

 Tighten to **15 N.cm** with the dynamometrical ratchet wrench or TORQ CONTROL®.



6. Multiple-unit cement-retained prosthesis

Fabricate the restoration using esthetic, standard, cast, or trimmable abutments.

Refer to the following pages:

- Esthetic abutments: p.29 to 30
- Standard abutments: p.31 to 32
- Cast abutments: p.36 to 37
- Trimmable abutments: p.38 to 39

7. Removable overdentures on abutments



Abutments with the Novaloc® attachment



Abutments with the LOCATOR® attachment



Abutments with the Dalbo® attachment

Characteristics:

- Stabilise removable overdentures on Axiom® BL implants.
- Three abutment ranges with three attachment systems: Novaloc®, LOCATOR®, and Dalbo®.
 - LOCATOR® is patented by Zest Dental.
 - Novaloc® is patented by Straumann AG.
 - DALBO® is patented by Cendres+Métaux.
- Delivered non-sterile.
- Single-use.

A. PROSTHESIS ON NOVALOC® ABUTMENTS

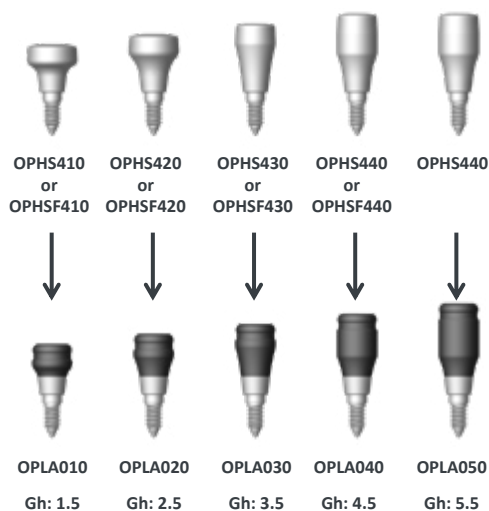


Catalog p.116

Novaloc® characteristics:

- The Novaloc® attachment system stabilises removable overdentures on Axiom® BL implants.
- Material: titanium alloy, DLC coating.

CHOICE OF ABUTMENT



Abutments come in five gingival heights (1.5, 2.5, 3.5, 4.5, and 5.5 mm) as well as in a single emergence diameter (Ø4.0 mm).

EMERGENCE PROFILE

NECESSARY EQUIPMENT FOR INSERTING THE ABUTMENT

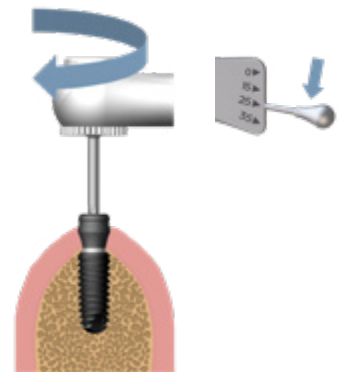


INSERTING THE ABUTMENTS



Tighten the abutments to **25 N.cm** using a hexagonal wrench and the dynamometrical ratchet wrench (Ref. INCCD) or a hexagonal mandrel and the TORQ CONTROL®.

- Retroalveolar radiography may be performed to confirm that the abutments are securely seated in the implants.



a. FABRICATING A PROSTHESIS

NECESSARY EQUIPMENT



Impression coping
2010.722-NOV



Novaloc® analog
2010.721-NOV



Processing collar
2010.724-NOV



Matrix housing
Catalog p.116



Retention insert
Catalog p.116



Blue Novaloc®
processing insert
removal instrument
2010.731-NOV



Brown Novaloc®
retention insert
instrument
2010.731-NOV

AT THE DENTAL PRACTICE

Step 1 - Attach the Novaloc® impression copings

- Attach an impression coping to each Novaloc® abutment.



Step 2 - Take the impression

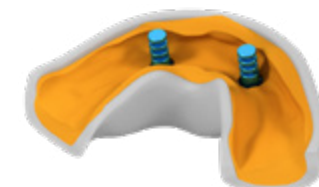
- Take the impression and send it to the dental lab.



IN THE DENTAL LAB

Step 3 - Insert the Novaloc® analogs

- Insert a Novaloc® analog into each Novaloc® impression coping.



Step 4 - Fabricate the master cast

- Pour a master cast using the usual methods.



Step 5 - Attach the Novaloc® processing collars and matrix housings

- Place a processing collar on each Novaloc® abutment analog and a matrix housing with a pre-mounted processing insert on each Novaloc® abutment.



Please note:

If polymerizing the Novaloc® matrix housings chair-side, use the Novaloc® block-out spacer to create the space needed.

Step 6 - Fabricate the overdenture

- Fabricate the overdenture using the usual methods.
- The dental lab then returns the finished Novaloc® overdenture to the dental practice with the processing inserts in place.



AT THE DENTAL PRACTICE

Step 7 - Remove the Novaloc® processing inserts

- Remove all processing inserts from the matrix housings using the processing insert removal instrument.



Step 8 - Select and mount the Novaloc® retention inserts

- Choose the appropriate Novaloc® retention inserts.
- Mount the retention inserts in the matrix housings using the retention insert instrument.



Step 9 - Seat the overdenture

- Seat the overdenture in the patient's mouth and check occlusion.



b. ADJUSTING AN EXISTING PROSTHESIS AT THE DENTAL PRACTICE

Step 1 - Attach the processing collars

- Attach a processing collar to each Novaloc® abutment. The collar protects the transgingival part of the abutment from resin or cement residue.
- Attach a matrix housing with the pre-mounted processing insert, then press them down on the collar.

Step 2 - Prepare the overdenture

- Create holes in the the base of the existing overdenture where the Novaloc® matrix housings will sit. Make these holes at least 1 mm wider than necessary so that the self-polymerizing resin around the housings will be sufficiently thick.



Step 3 - Verify the overdenture

- Use light silicone impression material to confirm adequate clearance between the matrix housings and overdenture base.
- The matrix housings attached to the Novaloc® abutments must not touch the intaglio of the overdenture. Adjust the overdenture base until it sits passively in occlusion without touching the matrix housings.



Step 4 - Prepare the overdenture

- Apply a monomer to the holes created in the overdenture. Use a thin layer of petroleum jelly to protect areas that must remain free from resin.

Step 5 - Polymerize the matrix housings

- Fill the holes with self-curing PMMA resin to polymerize the matrix housings into the overdenture.
- Insert a small amount of acrylic resin into the holes in the overdenture and around the matrix housings. Insert the complete overdenture into the patient's mouth.

Step 6 - Position the overdenture in occlusion

- Once the overdenture is properly seated, maintain the patient in complete occlusion while the acrylic sets.



Step 7 - Remove the Novaloc® processing collars

- Once the impression material has cured, remove the overdenture from the mouth and discard the processing collars.

Step 8 - Apply the finishing touches

- After final curing, remove any excess resin and apply the finishing touches to the overdenture base.

c. USING THE NOVALOC® INSTRUMENTS

• NOVALOC® MATRIX HOUSING EXTRACTION INSTRUMENT

Removing the Novaloc® matrix housings from the overdenture



- Heat the tip of the Novaloc® matrix housing extraction instrument.
- Press the hot Novaloc® matrix housing extraction instrument into the matrix housing. Allow the heat to transfer to the resin around the matrix housing for 2 to 3 seconds to melt it.
- Tilt the Novaloc® matrix housing extraction instrument away from the beak at the tip of the instrument to remove the Novaloc® matrix housing.



• NOVALOC® PROCESSING INSERT REMOVAL INSTRUMENT

Removing the Novaloc® processing inserts



- Insert the hooked tip of the removal instrument into the Novaloc® processing insert.
- Tilt the removal instrument away from the hooked end of the instrument to remove the Novaloc® processing insert from the matrix housing.



Placing the Novaloc® analog



- Pick up the Novaloc® analog with the other end of the Novaloc® processing insert removal instrument.
- Position the Novaloc® analog in the impression.



• NOVALOC® RETENTION INSERT INSTRUMENT



Mounting the Novaloc® retention insert

→ Pick up the Novaloc® retention insert with the tweezer-shaped end of the instrument. The Novaloc® retention insert locks into place.



→ Place the retention insert in the Novaloc® matrix housing.



→ The retention insert “clicks” into position.



Demounting the Novaloc® retention insert

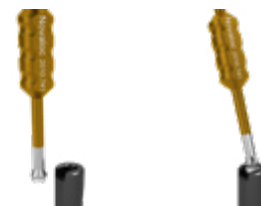
→ Insert the flared end of the retention insert instrument into the Novaloc® retention insert and press down gently.



→ Now slightly rotate the instrument to remove the Novaloc® retention insert from the Novaloc® matrix housing.



→ Using the retention insert instrument, wedge the Novaloc® retention insert into the notch in the handle of the Novaloc® matrix housing extraction instrument. Now tilt the instrument to free the retention insert.



B. OVERDENTURE ON LOCATOR® ABUTMENTS

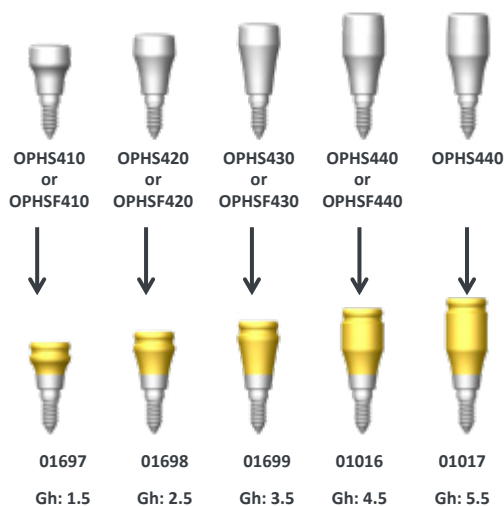


Catalog p.115

LOCATOR® characteristics:

- The LOCATOR® attachment system stabilises removable overdentures on Axiom® BL implants.
- Material: titanium alloy, TiN coating.
- The clear, pink, and blue LOCATOR® inserts can be used to compensate for a maximum divergence of 20° between any two implants.
- The red, green, orange, and gray LOCATOR® inserts of the extended range can be used to compensate for a maximum divergence of 40° between any two implants.

CHOICE OF ABUTMENT



The abutments come in **five gingival heights (1.5, 2.5, 3.5, 4.5, and 5.5 mm)** as well as in a **single emergence diameter (Ø4.0 mm)**.

EMERGENCE PROFILE

NECESSARY EQUIPMENT FOR INSERTING THE ABUTMENTS



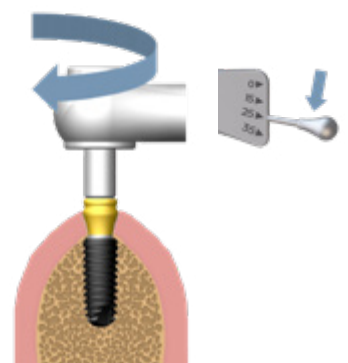
INSERTING THE ABUTMENTS

- Tighten the abutments to **25 N.cm** using the LOCATOR® wrench and dynamometrical ratchet wrench (Ref. INCCD) or the LOCATOR® mandrel and TORQ CONTROL®.
- Perform retroalveolar radiography to confirm that the abutments are securely seated in the implants.

FABRICATING THE OVERDENTURE

Fabricate the prosthesis according to the techniques for removable implant-borne overdentures. Anthogyr distributes a complete range of attachment components and instruments for processing prostheses. References for available products can be found at the end of this user guide.

Instructions for the attachment system and related components are available at www.zestdent.com.



C. OVERDENTURE ON DALBO® ABUTMENTS

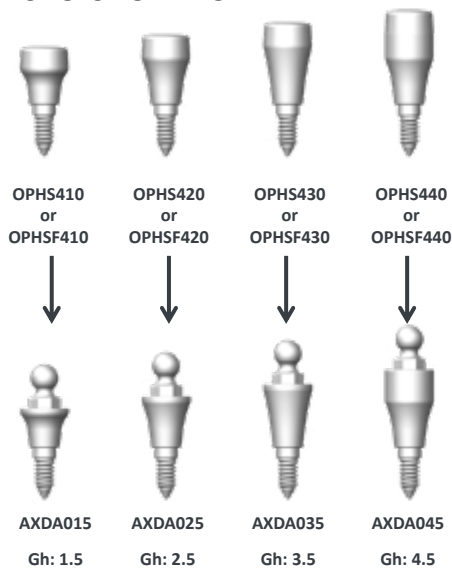


Catalog p.117

Dalbo® characteristics:

- The Dalbo® attachment system stabilises removable overdentures on Axiom® BL implants.
- Material: titanium alloy.
- The level of retention can be adjusted by tightening or loosening the insert with the Dalbo® screwdriver/activator.

CHOICE OF ABUTMENT



EMERGENCE PROFILE

The abutments come in **four gingival heights (1.5, 2.5, 3.5, and 4.5 mm)** as well as in a **single emergence diameter (Ø4.0 mm)**.

NECESSARY EQUIPMENT FOR INSERTING THE ABUTMENT



INSERTING THE ABUTMENTS



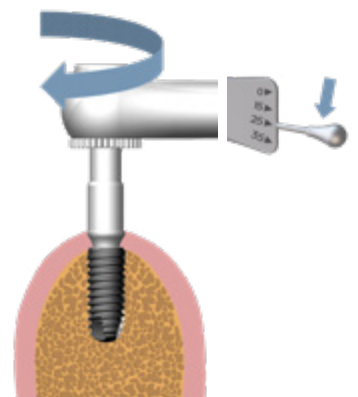
Tighten the abutments to **25 N.cm** using the Dalbo® wrench and dynamometrical ratchet wrench (Ref. INCCD) or the Dalbo® mandrel and TORQ CONTROL®.

- Perform retroalveolar radiography to confirm that the abutments are securely seated in the implants.

FABRICATING THE OVERDENTURE

Fabricate the prosthesis according to the techniques for removable implant-borne overdentures. Anthogyr distributes a complete range of attachment components and instruments for processing prostheses. The product references may be found at the end of this user manual.

Instructions for the attachment system and related components are available at www.cmsa.ch.



Prosthesis on Axiom® TL

1. Overview of Axiom® TL components

		Impression		Temporary					Definitive								
		Pop-in transfers	Pick-up transfers	Closure and healing screws	Temporary abutments	AXIN® temporary copings	Multi-Unit temporary copings	inlink® temporary abutments	Single-unit Simeda® prosthesis	FlexiBase®	CEREC®-compatible bases	Multi-Unit abutments	Copings for castable prostheses	Abutments for re-movable overden-tures	AXIN® bases	Multiple-unit Simeda® prosthesis	inlink® Simeda® pros-thesis
Indications	Single unit																
	Multiple unit			X			X			X		X	X	X		X	
	Full arch			X			X	X		X		X	X	X		X	X
Restoration	Cement-retained			X													
	Screw-retained			X	X	X	X	X	X	X	X	X	X		X	X	X
	Removable													X		X	
Characteristics	Delivered sterile			X								X					
Material	Titanium	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	PMMA												X			X	X
	PEEK						X									X	X
	CoCr								X				X			X	X
	Zirconia															X	X
	Page	67/79	67/79	65	68	69	46	80	75	76	78	92	57	96	72		

For information on customised Simeda® prostheses, please refer to the Customised Prosthesis Design Manual at www.anthogyr.com (Ref. MANUEL-CAD_NOT).

COLOR-CODING

Blue or marked "R": Axiom® TL prosthetic component is compatible with Ø4.8 mm platforms.

Pink or marked "N": Axiom® TL prosthetic component is compatible with Ø4.0 mm platforms.

2. Healing phase

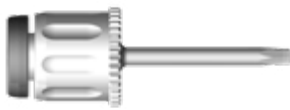


Catalog p.104

Characteristics:

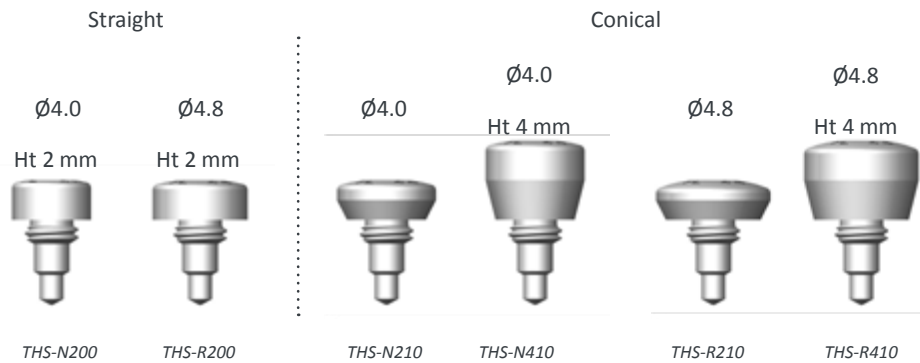
- Delivered sterile.
- Single-use.

NECESSARY EQUIPMENT

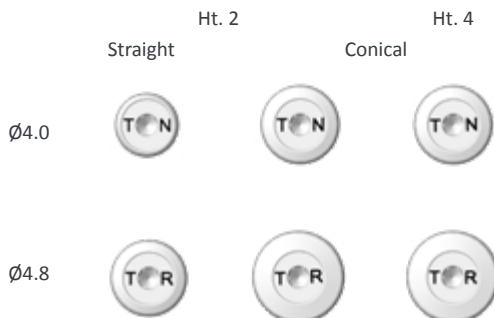


Manual surgical wrench
OPCS100

HEALING SCREW



HEALING SCREWS (Ø/HEIGHT)

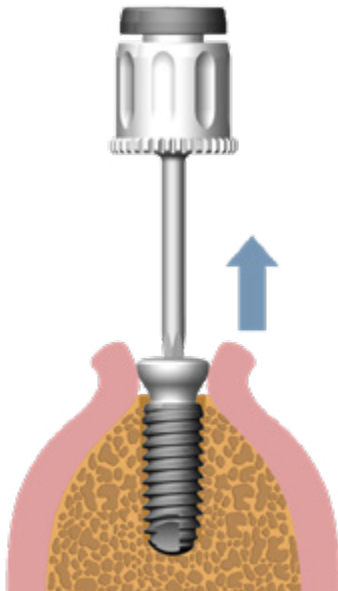


The straight healing screws are for clinical cases with limited space. They come in one coronal height (**2 mm**) and two platform diameters (**N: Ø4.0** and **R: Ø4.8**).

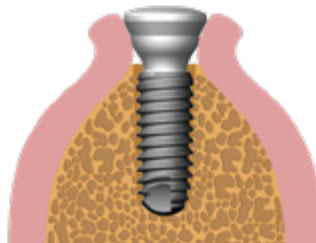
The conical healing screws come in two coronal heights (**2 and 4 mm**) and two platform diameters (**N: Ø4.0** and **R: Ø4.8**).

• PLACING THE HEALING SCREW AND SUTURING

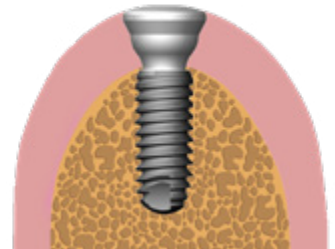
Remove the closure screw using the manual surgical wrench.



Insert the healing screw using the manual surgical wrench, **hand-tightening to a moderate torque of < 10 N.cm.**



Suture around the implant collar.



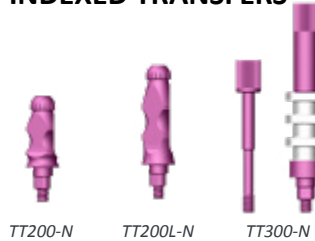
Please note:

The surgical wrench is only for manual tightening. It must not be attached to a ratchet wrench (Ref. INCC) or dynamometrical ratchet wrench (Ref. INCCD).

3. Single-unit prosthesis

A. IMPLANT-LEVEL IMPRESSIONS

INDEXED TRANSFERS



POP-IN

Closed-tray impressions on Axiom® TL implants.

PICK-UP

Open-tray impressions on Axiom® TL implants.

Characteristics:

- Delivered non-sterile.
- Single-use.

CHOICE OF TRANSFER

- Pop-in transfers come in two lengths and two platform diameters (**N: Ø4.0** and **R: Ø4.8**).
- Pick-up transfers come in two platform diameters (**N: Ø4.0** and **R: Ø4.8**).

NECESSARY EQUIPMENT



Hexagonal wrenches
INCHCV / INCHEL /
INCHELV



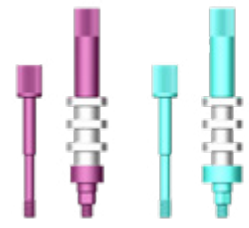
Implant analogs
TA100-N / TA100-R



Indexed pop-in transfers
TT200-N / TT200-R



Long indexed pop-in transfers
TT200L-N / TT200L-R



Indexed pick-up transfers
TT300-N / TT300-R

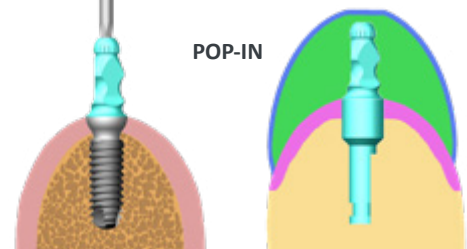
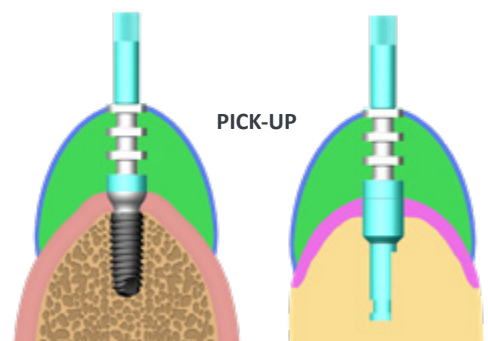
PROTOCOL FOR USE:

AT THE DENTAL PRACTICE

- Remove the sealing screw, healing screw, or temporary restoration with a hexagonal wrench.
- Attach the pop-in or pick-up transfer to the implant and hand-tighten to **< 10 N.cm**.
- Take a closed-tray (pop-in) or open-tray (pick-up) impression.
- We recommend taking a radiograph while the transfer is in place to check that it is correctly positioned.
- Remount the sealing screw, healing screw, or temporary restoration with a hexagonal wrench.

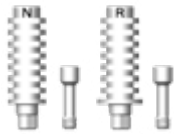
IN THE LAB

- Select an analog that matches the platform diameter of the pop-in transfer (**N: Ø4.0** or **R: Ø4.8 mm**).
- Position the analog on the transfer.
- Fabricate the master cast.



B. TEMPORARY INDEXED PROSTHESIS

TEMPORARY INDEXED ABUTMENT



TC100-N TC100-R

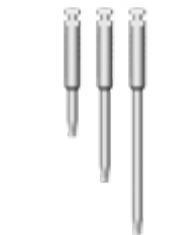
Characteristics:

- For temporary single-unit restorations with Axiom® TL implants.
- Delivered non-sterile.
- Single-use.

CHOICE OF ABUTMENT

Temporary abutments come in **two platform diameters (N: Ø4.0 and R: Ø4.8 mm)**.

NECESSARY EQUIPMENT



Hexagonal mandrels
INMHECV / INMHXLV /
INMHELV



Hexagonal wrenches
INCHECV / INCHELV /
INCHEXLV



Temporary indexed abutments
TC100-N / TC100-R



Long Axiom® TL M1.6
lab screw
TS162



Short Axiom® TL M1.6
lab screw
TS163

FABRICATING AND SEATING THE TEMPORARY PROSTHESIS

IN THE LAB:

- Mount the temporary abutment on the analog using a hexagonal wrench. Hand-tighten **to a moderate torque of < 10 N.cm**.
- Prepare the temporary abutment and modify if necessary.

Please note:

A minimum height of 4 mm is required.

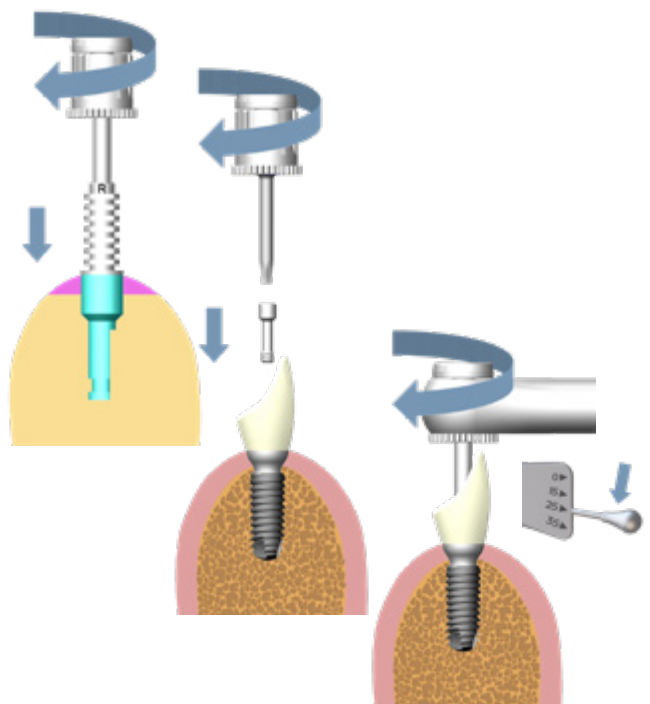
- Fabricate the temporary prosthesis.
- Before polishing the prosthesis, protect the abutment platform with an analog.

AT THE DENTAL PRACTICE:

- Place the prosthesis in the mouth.
- Tighten the screw included with the temporary abutment to **25 N.cm** using a hexagonal wrench and the dynamometrical ratchet wrench (Ref. INCCD) or a hexagonal mandrel and the TORQ CONTROL®.
- Fill in the screw channel, then seal with composite.

Please note:

The temporary abutments must not be used for impressions or for a multiple-unit restoration.]



C. TEMPORARY PROSTHESIS ON AN AXIN® BASE



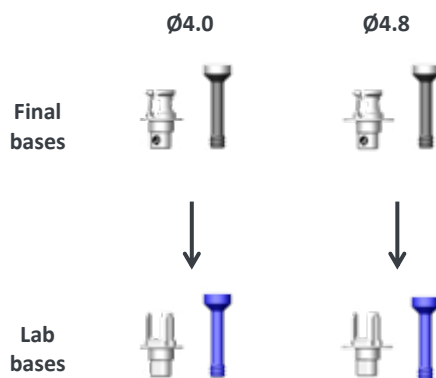
Catalog p.107

Characteristics:

- For temporary single-unit restorations on an AxIN® base with angulated access up to 25°.
- Delivered non-sterile.
- A temporary prosthesis on an AxIN® base comprises an AxIN® base, an AxIN® fixation screw, and an AxIN® temporary coping.
- The screw is supplied with the AxIN® base. The temporary coping is sold separately.
- The surface morphology of the AxIN® temporary coping enhances resin adhesion.

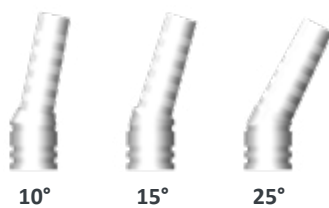
PLEASE NOTE: Handle the AxIN® bases with care.

CHOICE OF BASE AND LAB BASE



The bases come in two platform diameters (**N: Ø4.0 and R: Ø4.8**).
Select the lab base that matches the final base.

CHOICE OF AXIN® TEMPORARY COPING

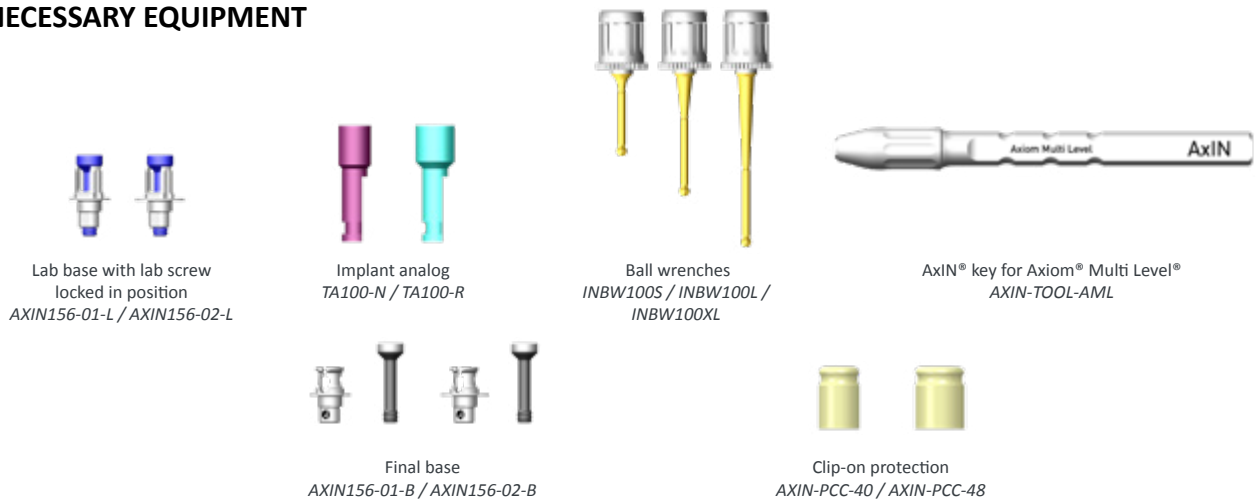


- The AxIN® temporary coping has the same internal design as the final prosthesis.
- AxIN® temporary copings come in two platform diameters (**N: Ø4.0 and R: Ø4.8**).
- The coping has a three-lobed connection, meaning that it can be seated on the base in three possible positions.

Please note:

Ensure that the implant and coping angulation match.

NECESSARY EQUIPMENT



a. FABRICATING THE PROSTHESIS IN THE LAB

Preparing the temporary prosthesis

- Mount the lab base and lab screw on the implant analog in the master cast. This assembly is the support structure on which the temporary prosthesis is fabricated.
- Attach the temporary coping to the lab base. A gentle hand-tightening of the lab screw securely attaches the temporary coping to the lab base.

Comment

Over-tightening the screw reduces the number of times the lab base can be re-used.

- Prepare the temporary coping and modify if necessary.

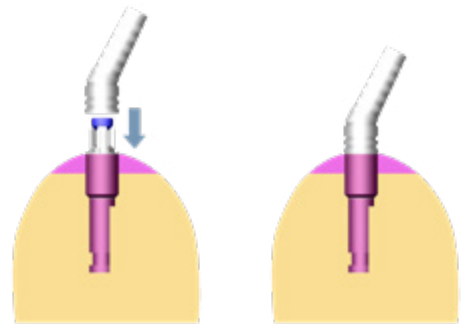
Please note:

A minimum height of 4 mm is required.

- Fabricate the temporary prosthesis while maintaining access to the AxIN® connection and screw channel.
- Brush and then steam-clean the screw channel and AxIN® connection of the temporary prosthesis.

Attaching the temporary prosthesis

- Insert the final screw into the AxIN® base.
- Seat the temporary prosthesis on the resulting assembly, making sure to correctly align the three-lobed index to lock the screw in position.
- Do a final check on the master cast before sending it to the dental practitioner.



b. FABRICATING THE PROSTHESIS IN THE DENTAL PRACTICE

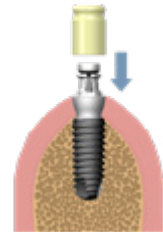
Preparing the temporary prosthesis

- Insert the final screw into the AxIN® base.
- Seat the temporary coping on the resulting assembly to lock the screw in position.
- Screw the assembly into the implant for an initial try-in. Only moderately tighten the screw.
- Unscrew and retrieve the temporary coping to modify as needed. If the base remains in the mouth, place the clip-on protection on the AxIN® base and base screw.

The clip-on protection can be inserted and removed by hand or with a tweezers.

When placing the protection coping on the base, make sure to unscrew the final screw so as not to deploy the wings of the AxIN® base.

Tightening the final screw deploys the AxIN® wings. The resulting friction between the protection coping and the base makes it difficult to attach and remove the protection.



axiom® TL

- Attach the lab base and lab screw to the implant analog. This assembly is the support structure on which the temporary prosthesis is fabricated.
- Attach the temporary coping to the lab base. A gentle hand-tightening of the lab screw securely attaches the temporary coping to the lab base.

Comment

Over-tightening the screw reduces the number of times the lab base can be re-used.

- Prepare the temporary coping and modify if necessary.
- Fabricate the temporary prosthesis while maintaining access to the connection and screw channel.
- Brush and then steam-clean the connection and screw channel of the temporary prosthesis.

c. PLACING THE PROSTHESIS

Please refer to page 74, “c. Placing the prosthesis at the dental practice”.

D. FINAL PROSTHESIS ON AN AXIN® BASE



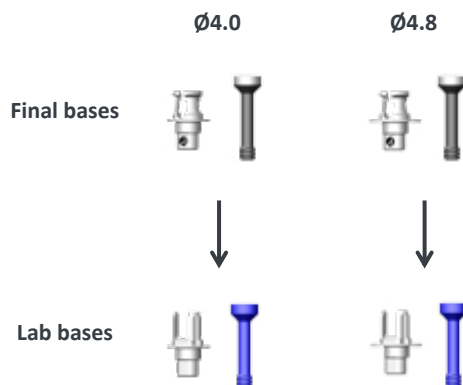
Catalog p.119

Characteristics:

- For a customised single-unit Simeda® restoration on an AxIN® base with angulated access up to 25°.
- Cement- and adhesive-free screw-retained restoration.
- Delivered non-sterile.
- Restoration available in zirconia.

PLEASE NOTE: Handle the AxIN® bases with care.

CHOICE OF BASE AND LAB BASE

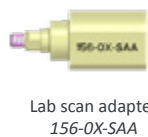
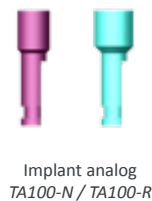


The bases are available in **two heights (1.5 and 2.5 mm)** and **two platform diameters (N: Ø4.0 and R: Ø4.8)**.

Select a lab base with the right platform diameter for the final base.

a. DESIGNING THE FINAL PROSTHESIS IN THE LAB

NECESSARY EQUIPMENT



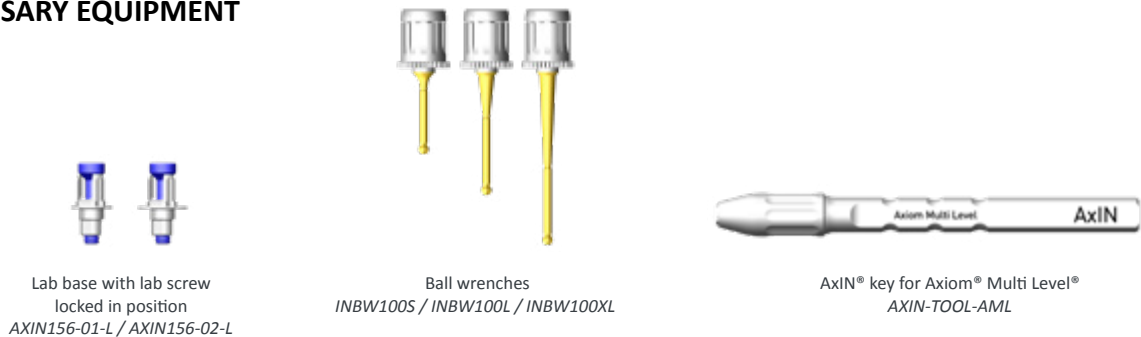
- The screw supplied with the implant analog must not be used with an AxIN® restoration.

PROTOCOL FOR USE:

- Select the appropriate library and scan the platform using the scan adapter and a lab scanner approved by Anthogyr S.A. Please refer to the Customised Prosthesis Design Manual at www.anthogyr.com (Ref. MANUEL-CAD_NOT).
- Design the abutment with a wax-up or compatible CAD software:
 - Up to 25° angulated access
 - Minimum height of prosthesis on AxIN® base: 4.9 mm
 - Minimum diameter of prosthesis on AxIN® base: 4.5 mm
- Milling of the AxIN® Simeda® prosthesis (order via Anthogyr WebOrder and send an STL file or a physical wax-up).

b. FABRICATING THE FINAL PROSTHESIS IN THE LAB

NECESSARY EQUIPMENT



PROTOCOL FOR USE:

Mounting the ceramic

- AxIN® Simeda® prosthesis arrives.
- Mount the lab base and lab screw on the implant analog in the master cast.
- The resulting assembly can now be used to easily mount or demount the prosthesis as it moves through the firing cycles:
 - The milled prosthesis has a three-lobed index, meaning that the final prosthesis can attach to the lab base in three positions.
 - A gentle hand-tightening of the lab screw securely attaches the final prosthesis to the lab base.

Comment:

Over-tightening the screw reduces the number of times the lab base can be re-used.

- Fire the ceramic to the prosthesis.

Please note:

Make sure that there is no glazing under the crown where it meets the platform of the AxIN® base.

Assembling the final components

- Insert the final screw into the base.
- Seat the milled prosthesis on the resulting assembly, and correctly align the three-lobed index to lock the screw in position.
- Do a final check on the master cast before sending the final restoration to the dental practitioner.



c. PLACING THE PROSTHESIS IN THE DENTAL PRACTICE

NECESSARY EQUIPMENT



AxIN® Simeda® prosthesis
(supplied by the lab)



Ball mandrels
INBM100S / INBM100L / INBM100XL

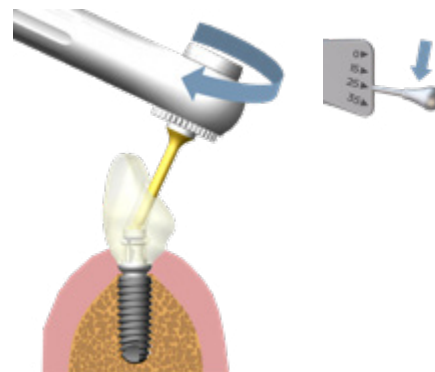


Ball wrenches
INBW100S / INBW100L / INBW100XL

PROTOCOL FOR USE:

Placing the prosthesis

- Clean the implant connection.
- Place the prosthesis in the mouth.
- Tighten the screw to **25 N.cm** using a ball wrench mounted on the dynamometrical ratchet wrench (Ref. INCCD) or a ball mandrel attached to the TORQ CONTROL®.
- Check radiographically that the restoration and base are correctly positioned.
- Fill in the screw channel with Teflon, then seal with composite.
- If the AxIN® base needs to be retrieved or replaced, attach the crown to the AxIN® base extraorally using the AxIN® key.



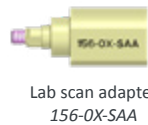
d. AXIN® KEY

Refer to the paragraph on page 28.

E. FINAL INDEXED SINGLE-UNIT SIMEDA® PROSTHESIS

a. DESIGNING THE PROSTHESIS IN THE LAB

NECESSARY EQUIPMENT



Lab scan adapter
156-0X-SAA



Screwdriver for scan adapter
SATOOL-01

PROTOCOL FOR USE:

- Scan the platform using the scan adapter and a lab scanner approved by Anthogyr S.A..
- Please refer to the Customised Prosthesis Design Manual at www.anthogyr.com (Ref. MANUEL-CAD_NOT).
- Design the abutment using CAD software or a wax-up on a temporary abutment.
- Send off the file or wax-up to have the Simeda® prosthesis milled.

b. FABRICATING AND PLACING THE PROSTHESIS

NECESSARY EQUIPMENT



Hexagonal mandrels
INMHECV / INMHVELV /
INMHEXLV



Hexagonal wrenches
INCHECV / INCHELV /
INCHEXLV



Implant analogs
TA100-N / TA100-R



Long Axiom® TL M1.6
lab screw
TS162



Short Axiom® TL M1.6
lab screw
TS163



Black Axiom® TL M1.6
screw
TS160

PROTOCOL FOR USE:

IN THE LAB:

- Customised Simeda® abutment arrives.
- Prepare the restoration using a long or short Axiom® TL M1.6 lab screw.
- Use an analog to protect the platform while polishing.

AT THE DENTAL PRACTICE:

- Place the prosthesis in the mouth.
- Tighten the screw supplied with the prosthesis fabricated by the lab to **25 N.cm** using a ball wrench mounted on the dynamometrical ratchet wrench (Ref. INCCD) or a ball mandrel attached to the TORQ CONTROL®.
- Fill in the screw channel, then seal with composite.



F. PROSTHESIS ON A LAB BASE

AXIOM® TL FLEXIBASE®



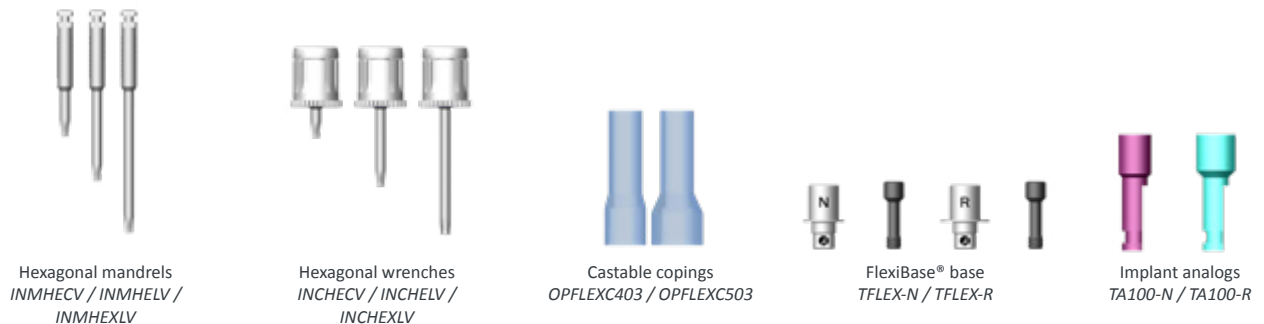
Characteristics:

- For single-unit screw-retained restorations on Axiom® TL implants.
- Delivered non-sterile.
- Single-use.

CHOICE OF BASE

The Axiom® TL FlexiBase® bases come in two platform diameters (**N: Ø4.0** and **R: Ø4.8**).

NECESSARY EQUIPMENT



IN THE LAB

• CAD/CAM MILLING THE SUPERSTRUCTURE:

- The appropriate Exocad, 3Shape, and Dental Wings CAD libraries may be downloaded from www.anthogyr.com.
- For information on which scan adapter and digital transfer to use, please refer to the Labside compatibility list at www.anthogyr.com.
- For more information on intraoral scanning, please refer to the user manual at ifu.anthogyr.com (AXIOM-SIO_NOT). In the search box, type the code "156-01-DT".
- If milling the superstructure from zirconia, please refer to the restoration material manufacturers for recommendations on minimum thickness.

• POURING THE SUPERSTRUCTURE:

- Use the appropriate castable coping.

• CEMENTING:

- Please refer to the cement manufacturer's guidelines. Anthogyr recommends PANAVIA™ V5 by Kuraray Dental.

Sandblasting:

- Protect the connection of the base by attaching it to an analog.
- Sandblast the coronal part of the base with 50 to 125 µm aluminum oxide (Al₂O₃) at 2 to 4 bars of pressure, then steam-clean.
- Lightly sandblast the intaglio of the prosthesis.
- For the following steps, we recommend handling the bases with a dental tweezers.

Cementing:

- Apply primer to the coronal part of the base and intaglio of the prosthesis.
- Seal the access channel with wax.
- Apply cement to the coronal part of the base. Allow to cure for a few seconds under a UV curing light. Remove excess cement.
- Unseal the access channel and clean.
- Photopolymerise the prosthesis in a UV cabinet for 5 min.

AT THE DENTAL PRACTICE

- Clean and sterilize the prosthetic restoration and final prosthetic screw.
-  Attach the prosthetic restoration to the implant using the M1.6 fixation screw. Tighten to **25 N.cm** using the dynamometrical ratchet wrench (Ref. INCCD) or TORQ CONTROL®.
- Protect the screw head, then seal the access channel with filler.

G. PROSTHESIS ON A CEREC®-COMPATIBLE BASE

CEREC®-COMPATIBLE AXIOM® TL BASE



Characteristics:

- For single-unit screw-retained restorations on Axiom® TL implants.
- Delivered non-sterile.
- Single-use.
- The base is only compatible with milling blocks marketed by Dentsply Sirona.

CHOICE OF BASE

The coronal part of the base is compatible with the CEREC® scan bodies and milling machines marketed by Dentsply Sirona. The bases come in two platform diameters (**N: Ø4.0** and **R: Ø4.8**).

NECESSARY EQUIPMENT



PROTOCOL FOR USE:

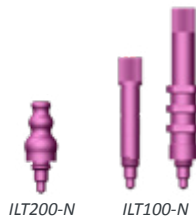
- Insert the base into the mouth using the corresponding M1.6 titanium screw.
- Place the Dentsply Sirona scan body on the base (see table below for appropriate size). Now take the scan.
- Select the appropriate platform in the CEREC® program (see table below), then design the restoration.
- For information on the minimum thickness of the superstructure, refer to the restoration material manufacturers' guidelines.
- Mill the restoration from a block (see table below for appropriate size).
- Cement the superstructure to the base.
- Refer to the cement manufacturers' guidelines for cementing instructions. If using a zirconia superstructure, Anthogyr recommends the PANAVIA™ F2.0 cement by Kuraray Dental.
- Clean and sterilize the prosthetic restoration and final prosthetic screw.
- Attach the prosthetic restoration to the implant using the M1.6 fixation screw. Tighten to **25 N.cm** using the dynamometrical ratchet wrench (Ref. INCCD) or TORQ CONTROL®.
- Protect the screw head, then seal the access channel with filler.

CEREC®-compatible base ref. no.	Dentsply Sirona scan body/block size	Appropriate platform in CEREC® (v.4.5.2)
TBASEC-N-S	Size S	CAMLOG 3.3
TBASEC-R-L	Size L	Dentsply Sirona Others NB RS 4.3

4. Multiple-unit screw-retained SIMEDA® prosthesis on inLink® connection

A. IMPRESSION

NON-INDEXED TRANSFERS



Characteristics:

- Pop-in: Closed-tray impressions on Axiom® TL implants or inLink® abutments.
- Pick-up: Open-tray impressions on Axiom® TL implants or inLink® abutments.
- Delivered non-sterile.
- Single-use.

CHOICE OF TRANSFER

The pick-up and pop-in transfers come in two platform diameters (**N: Ø4.0 and R: Ø4.8**).

Please note:

The pop-in transfers must not be used if any two implants diverge by more than 20°.

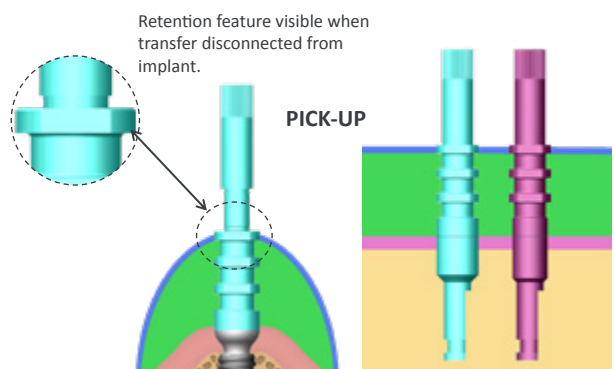
NECESSARY EQUIPMENT



PROTOCOL FOR USE:

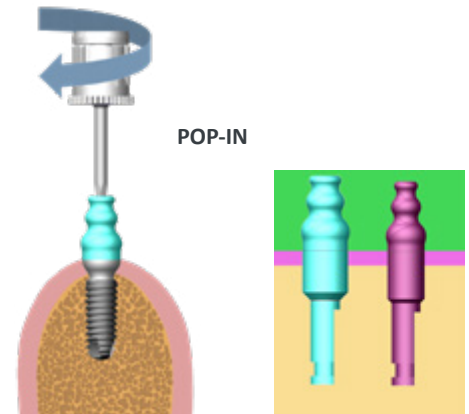
AT THE DENTAL PRACTICE:

- Remove the closure screw or healing screw with a hexagonal wrench, or the temporary restoration with a ball wrench.
- Insert a pop-in or pick-up transfer into the inLink® connection and moderately hand-tighten to **< 10 N.cm**.
- Take a closed-tray (pop-in) or open-tray (pick-up) impression.
- Check that the transfer is correctly seated. Make especially sure that the body of the pick-up transfer is stable. Confirm radiographically if unsure.
- Reinsert the closure screw or healing screw with a hexagonal wrench, or the temporary restoration with a ball wrench.



IN THE LAB:

- Select an analog that matches the transfer platform diameter (**N: Ø4.0 or R: Ø4.8**).
- Position an analog on each transfer.
- Pour a master cast with a false gingiva.
- To pour a plaster verification jig, use temporary abutments (see Temporary inLink® prosthesis).



B. TEMPORARY INLINK® PROSTHESIS

INLINK® TEMPORARY ABUTMENTS



Catalog p.121

Characteristics:

- Temporary complete fixed screw-retained restoration on inLink® connection.
- Delivered non-sterile.
- Single-use.

CHOICE OF ABUTMENT

The temporary copings are available in four angulations (0°, 10°, 15°, and 25°) and two platform diameters (N: Ø4.0 and R: Ø4.8).

NECESSARY EQUIPMENT



PROTOCOL FOR USE:

IN THE LAB:

- Lightly screw the lab locks into the analogs in the master cast (see p.90 for details). We recommend inserting two to four locks, depending on the span of the prosthesis being fabricated. Place the locks on the analogs that have the least divergence between them.
- Mount the temporary abutments on the lab locks using a ball wrench. Check that the platforms are fully contacting. **Manually tighten to a torque of < 10 N.cm.**
- Prepare the temporary abutments and modify if necessary.

Please note:

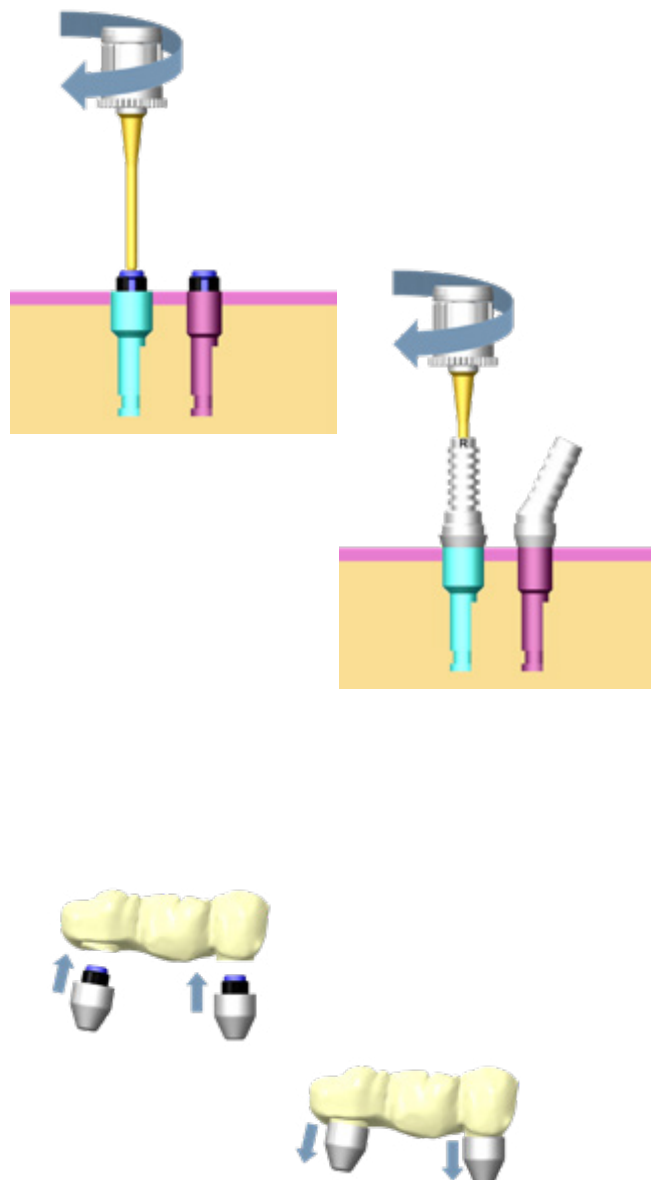
A minimum height of 4 mm is required.

- Fabricate a wax model with commercially available teeth.
- Seal the screw channels with wax. Otherwise, use the Ø2.0 channel rods for straight temporary abutments (Ref. CR20-4) or Ø2.5 rods (Ref. CR25-4) for 10, 15, and 25° temporary abutments.
- Pour the temporary acrylic prosthesis.
- Drill into the temporary prosthesis to gain access to the screw channels.
- Unseal the screw channels. Unscrew and demount the temporary prosthesis.
- Before polishing, place protection caps on the inLink® connections. (see p.91 for details).
- Polish the temporary prosthesis.
- Remove the protection caps from the temporary prosthesis.
- Brush and then steam-clean the connections and screw channels of the temporary prosthesis.
- Once the temporary prosthesis is finished, place new final locks in the prosthesis using the inLink® 2 in 1 key. We recommend mounting final guiding locks on the framework to facilitate insertion in the mouth. The guiding locks should be used on implants that have a relatively small divergence.

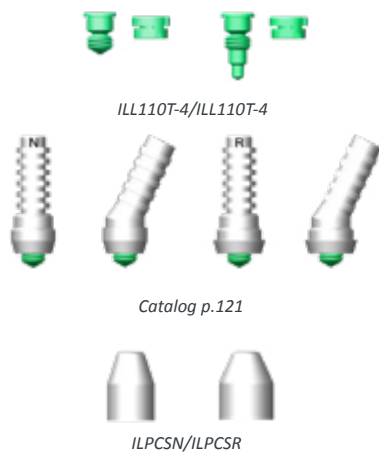
Use two final guiding locks if the framework is supported by more than two implants.

AT THE DENTAL PRACTICE:

- Unscrew the closure or healing screw with a hexagonal wrench.
- Place the temporary prosthesis with the new final locks in the mouth.
- To facilitate insertion, gradually tighten the locks in a criss-cross pattern, starting with the guiding locks.
- Tighten to **25 N.cm** using a ball wrench mounted on the dynamometrical ratchet wrench (Ref. INCCD) or a ball mandrel attached to the TORQ CONTROL®.
- Check that the platforms are properly contacting and that each lock is completely screwed in place. If in doubt, verify by means of retroalveolar radiographs perpendicular to the connections.
- Fill in the screw channels with a single ball of Teflon, then seal with composite.



OPTIONAL:



There are also standard or guiding try-in locks for lab processing operations that require the prosthesis to be attached to the cast.

Temporary abutments with pre-mounted try-in locks (green) may be found in the catalog. These can be used to make a temporary prosthesis at the dental practice.

The green try-in locks must be replaced by new final locks (supplied in the package) before definitively placing the prosthesis in the mouth.

Screw-in protection caps are available to protect the platforms.

Please note:

The temporary abutments must not be used for taking impressions.

C. FINAL INLINK® PROSTHESIS

Characteristics:

Complete fixed screw-retained restoration on an inLink® connection.

a. DESIGNING THE PROSTHESIS IN THE LAB

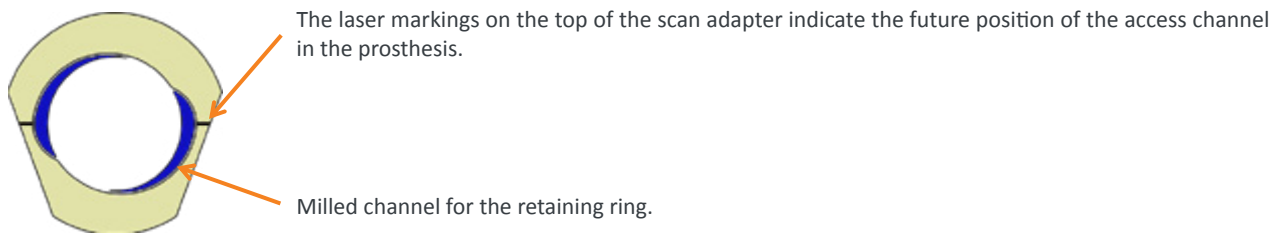
Design the prosthesis after taking an impression.

NECESSARY EQUIPMENT



PROTOCOL FOR USE:

- Scan the platforms with the orientable scan adapters and a lab scanner approved by Anthogyr. These scan adapters are like any other Simeda® scan adapter, except that their orientation can be adjusted. (Refer to the Customised Prosthesis Design Manual.)

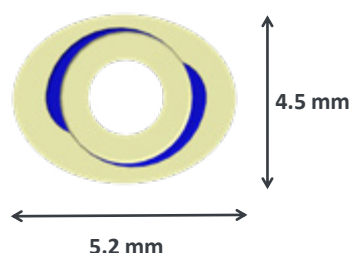


- To minimise the vestibulolingual width of the prosthesis, align the laser markings on the scan adapters with the center of the restorative space.
- Design the framework using CAD software or a wax-up on temporary abutments.
- Send the file or wax-up to Anthogyr S.A. Mersch to have the prosthesis milled.

A user guide may be found at www.anthogyr.com, under Resources center/Manuals and user guides/CAD-CAM (Ref. MANUEL-CAD_NOT).

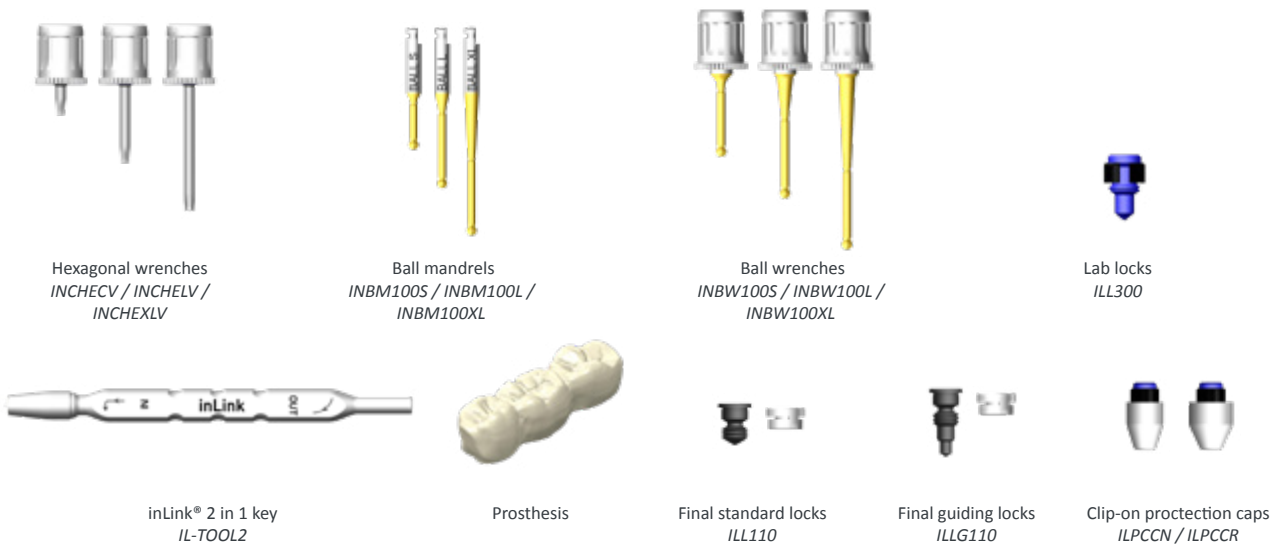
Designing the prosthesis with a wax-up or compatible CAD software:

- Up to 25° angulated access.
- Minimum height of inLink® prosthesis: 4.2 mm.
- Minimum width of inLink® prosthesis: an ellipse of at least 4.5 x 5.2 mm.



b. FABRICATING AND PLACING THE PROSTHESIS

NECESSARY EQUIPMENT



The final locks are supplied with the Simeda® prosthesis.

PROTOCOL FOR USE:

IN THE LAB:

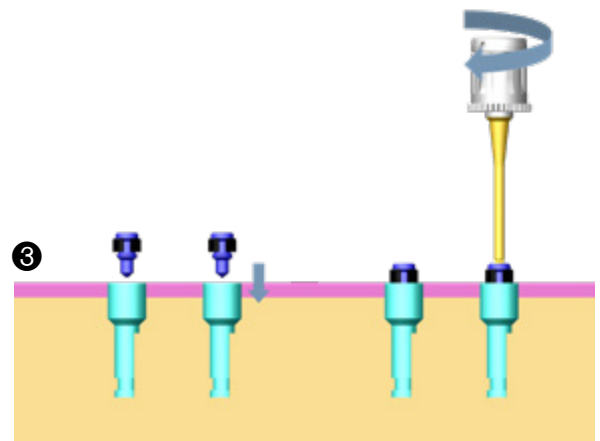
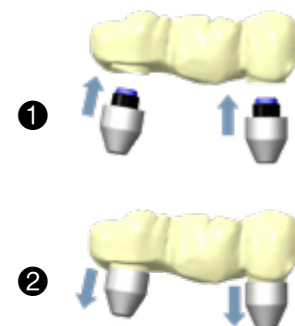
- Milled Simeda® framework arrives.
- The final locks supplied with the prosthesis must not be used during lab processing. They are mounted once the prosthesis is ready for delivery to the practitioner.
- ① Before modifying or sandblasting the milled framework, attach the clip-on protection caps to the inLink® connections.
- Seal the screw channels with wax.
- Sandblast the framework.
- Unseal the screw channels.
- Steam-clean the framework.
- ② Remove the protection caps.
- ③ Lightly screw the lab locks onto the master cast, making sure that the framework platforms are properly contacting the analogs.

We recommend inserting two to four locks, depending on the span of the prosthesis being fabricated. Place the locks on the analogs that have the least divergence between them.

- Process the framework in one of two ways:

Acrylic prosthesis

- Seal the screw channels with wax or channel rods (Ø2.0, Ref. CR20-4).
- Pour the acrylic prosthesis.
- Drill into the acrylic prosthesis to access the screw channels.
- Unseal the screw channels. Unscrew and demount the prosthesis from the master cast.



Ceramic prosthesis

- Veneer the framework with ceramic.
- Slightly unscrew the lab locks so that the framework can be detached between each stage of firing.
- To remove the oxidation layer, lightly sandblast the inside of the connections with 50 µm aluminum oxide (2 bars maximum).

Take special care with the contact zones. Check that the prosthetic platforms correctly contact the implant platforms in the mouth. To do this, use the green try-in locks rather than the blue lab locks.

- Before polishing the framework, place protection caps on the connections.
- Polish the prosthesis.
- Remove the protection caps.
- Brush and then steam-clean the connections and screw channels of the prosthesis.
- Once the prosthesis is finished, mount new final locks on the prosthesis using the inLink® 2 in 1 key for final delivery to the practitioner.

To facilitate insertion, we recommend attaching two final guiding locks to the framework if the framework is supported by more than two implants, or one final guiding lock if the framework is supported by only two implants. The guiding locks should be used on implants that have a relatively small divergence (max. 15°).

Please note:

The lab screws, try-in screws, and final screws must not be placed in the firing oven.

AT THE DENTAL PRACTICE:

- Unscrew the healing screw with a hexagonal wrench, or the temporary prosthesis with a ball wrench.
- Place the prosthesis with the new final locks in the mouth.

To facilitate insertion of the prosthesis, gradually tighten the locks in a criss-cross pattern, starting with the guiding locks.

- Tighten to **25 N.cm** using a ball wrench mounted on the dynamometrical ratchet wrench (Ref. INCCD) or a ball mandrel attached to the TORQ CONTROL®.

- Check that the platforms are properly contacting and that each lock is fully tightened. If in doubt, verify by means of retroalveolar radiographs perpendicular to the connections.
- Fill in the screw channel with Teflon, then seal with composite.

Caring for the prosthesis:

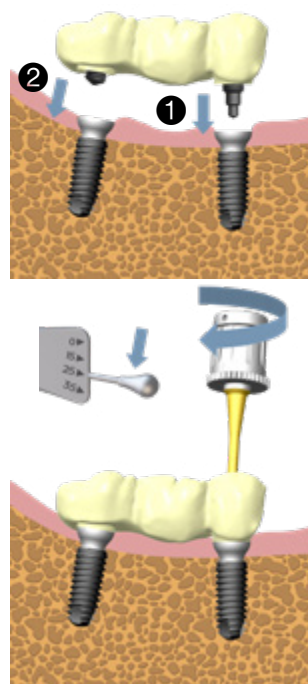
We recommend changing the locks every time the prosthesis is de-mounted. Final locks pre-mounted on holders are available to facilitate insertion.

OPTIONAL:



ILL110T-4 / ILLG110T-4

Eight standard or guiding try-in locks are available for recording occlusion or trialing the prosthesis in the patient's mouth, as well as for any lab operations that require the prosthesis to be screwed into the model. These locks are delivered non-sterile.



D. INLINK® ACCESSORIES

a. INLINK® 2 IN 1 KEY

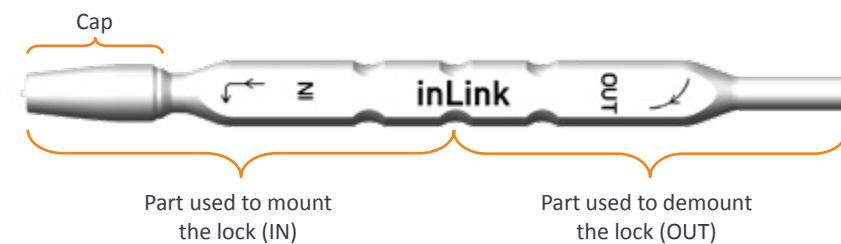
Characteristics:

For mounting or demounting final or try-in inLink® locks.

NECESSARY EQUIPMENT



DESCRIPTION



MOUNTING STEPS

→ Using the "IN" part of the inLink® key.

① Remove the cap.

② Place the lock in the retaining ring.

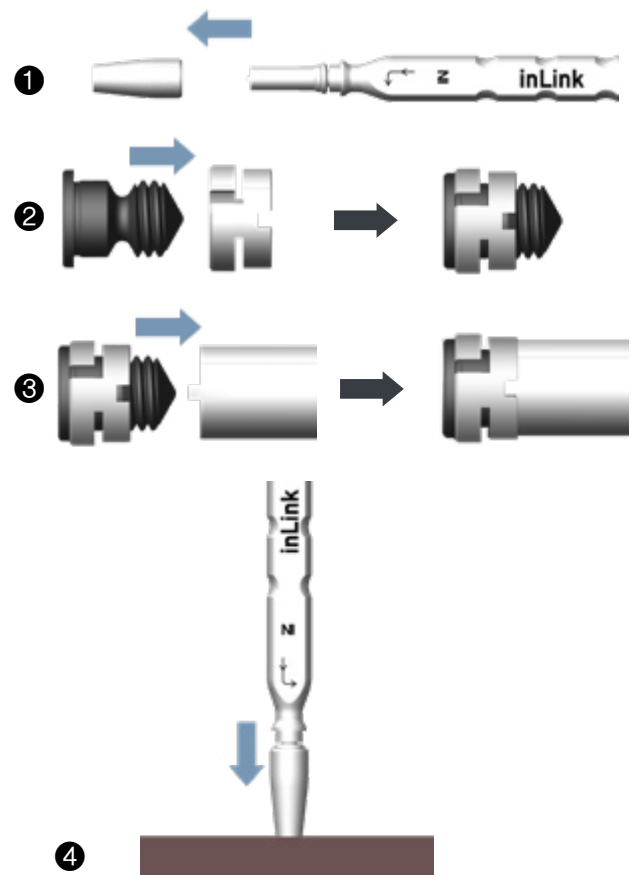
Important: when inserting the ring onto the fixation lock, make sure that the square notches in the ring point toward the tip of the lock.

③ Clip the assembled lock and ring into the inLink® key.

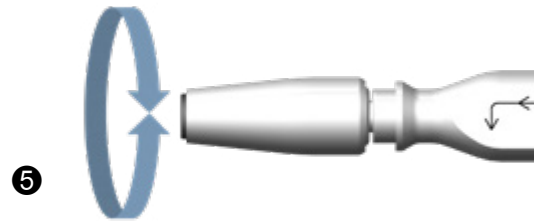
The lugs of the inLink® key must sit in the notches of the ring.

④ Put the cap back on the key.

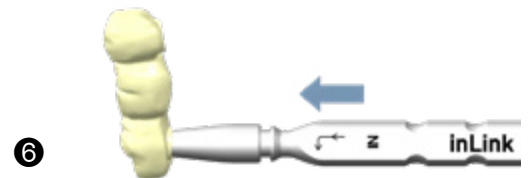
Push the inLink® key into the cap.



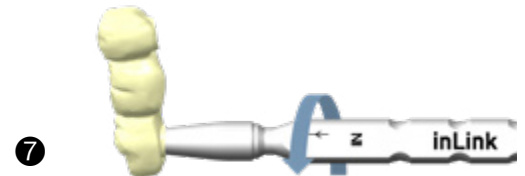
- 5 Rotate slightly until the head of the lock appears.



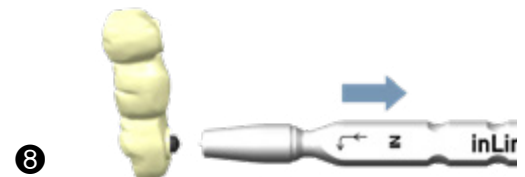
- 6 Push the lock into the prosthesis.



- 7 Rotate the inLink® key anticlockwise until it reaches the stop. Do not rotate the key beyond the stop. Otherwise, the wings of the lock will retract and the lock will subsequently detach in the mouth.



- 8 Remove the inLink® key.



- 9 Check that the lock is properly seated by pressing down on the head of the lock with the ball wrench.

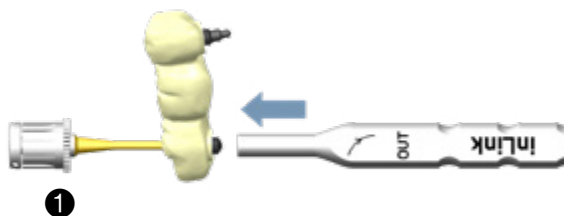
Please note:

If the lock is not properly seated, it may detach from the prosthesis in the patient's mouth.

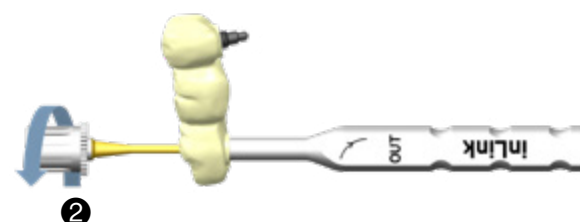


DEMOUNTING

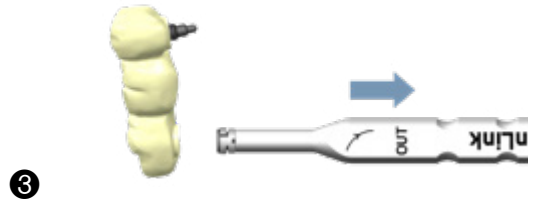
- 1 Use the "OUT" part of the inLink® key.



- 2 Screw the lock into the inLink® key using the ball wrench.



- Remove the lock by turning the key clockwise and pulling.



- Unscrew the lock from the key using the ball wrench.



TUTORIAL



A video tutorial is available on YouTube.

b. INLINK® REMOVAL TOOL

Characteristics:

Demounting the inLink® locks in the dental practice.

NECESSARY EQUIPMENT



inLink® 2 in 1 key
IL-TOOL2



Long ball wrenches
INBW100L / INBW100XL



Final standard locks
ILL110



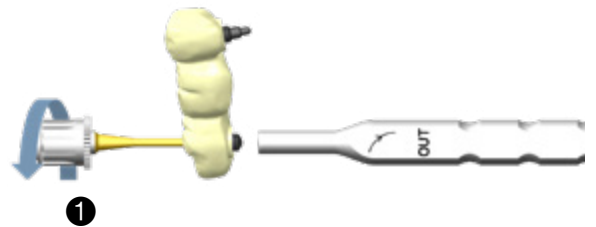
Final guiding locks
ILG100



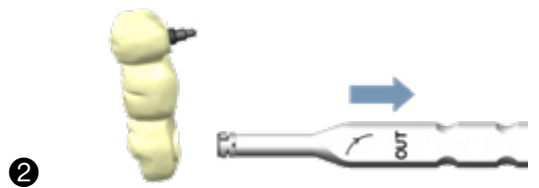
Prosthesis

STEPS:

- Screw the lock into the inLink® key using the ball wrench.



- Remove the lock by turning the key clockwise and pulling.



- Unscrew the lock from the key using the ball wrench.



c. LOCKS PRE-MOUNTED ON HOLDERS

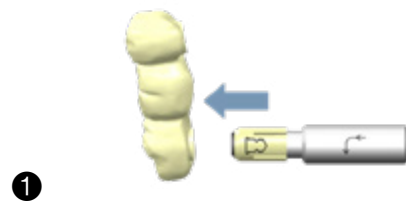
Characteristics:

- Facilitates insertion of inLink® standard and guiding locks into the prosthesis.
- For use in the dental practice.
- Delivered non-sterile.

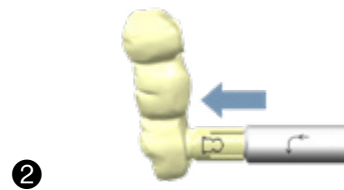
NECESSARY EQUIPMENT



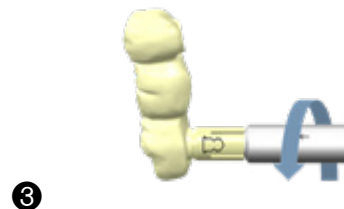
- 1 Place the holder in the prosthesis.



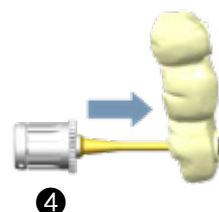
- 2 Press down on the holder to insert the lock and ring into the prosthesis.



- 3 Turn the holder anticlockwise until it reaches the stop.



- 4 Using a ball wrench, press down on the lock to ensure that the lock and ring are securely seated.

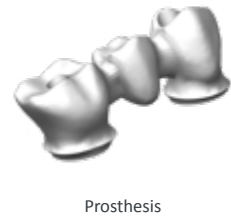


d. LAB LOCKS

Characteristics:

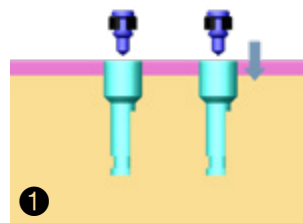
Secures the prosthesis to the master cast.

NECESSARY EQUIPMENT

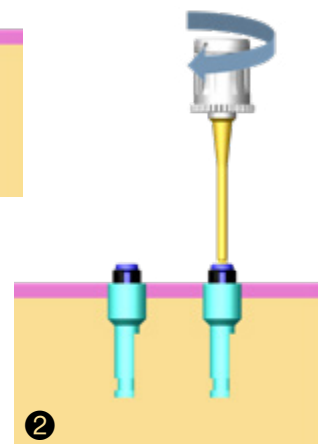


ASSEMBLY

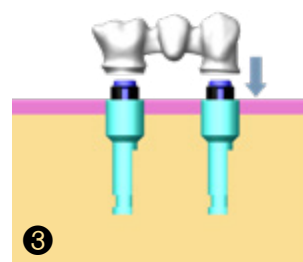
- 1 Place two to four lab locks on the master cast. Choose the analogs that have the least divergence between them.



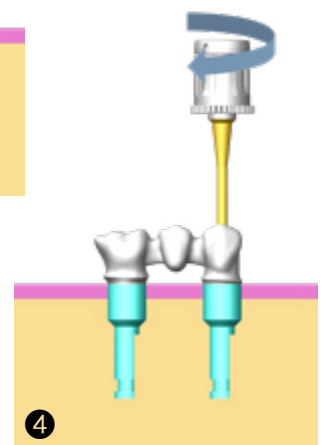
- 2 Using a ball wrench, screw the lab locks into the analogs without compressing the elastic rings.



- 3 Place the prosthesis on the lab locks, making sure that it is fully seated.

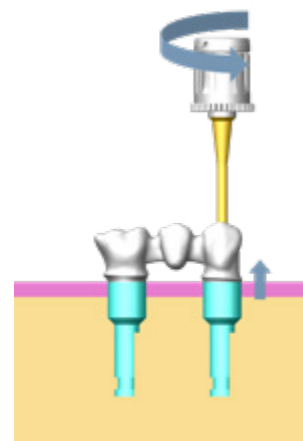


- 4 Continue tightening the lock with the ball wrench until the prosthesis is securely attached.



DISASSEMBLY

- Unscrew the locks to detach the prosthesis.



e. CLIP-ON PROTECTION CAPS

Characteristics:

Protect the inLink® connections of the prosthesis.

NECESSARY EQUIPMENT



Ball wrenches
INBW100S / INBW100L /
INBW100XL



Hexagonal wrenches
INCHECV / INCHELV /
INCHEXLV



Clip-on protection caps
ILPCCN / ILPCCR



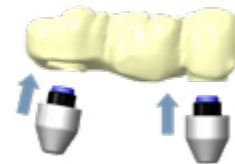
Prosthesis



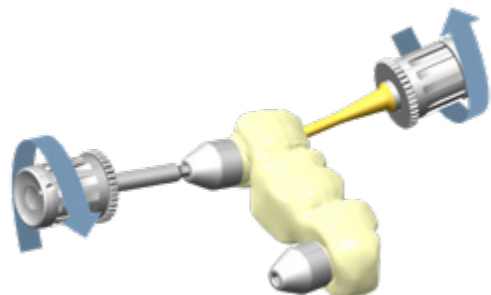
Prosthesis

axiom® TL

→ Insert a cap into each connection.



→ To attach the cap, use a hexagonal wrench to hold it in position while tightening the screw at the other end with a ball wrench.



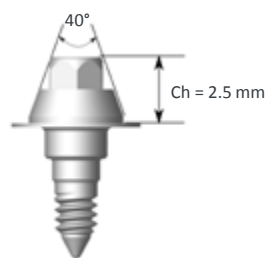
5. Multiple-unit screw-retained prosthesis on Multi-Unit abutments

A. PRESENTATION

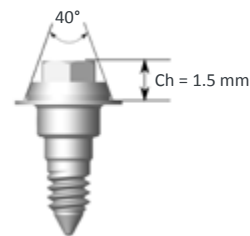
The Axiom® TL Multi-Unit abutment range comprises:

- Straight abutments that come in two platform diameters (N: Ø4.0 and R: Ø4.8 mm).
- The components used with Axiom® TL Multi-Unit abutments are the same as those used with Axiom® BL Multi-Unit abutments.

Dimensions:



Ø4.8 mm platform



Ø4.0 mm platform

Color-coding of corresponding components:

- Blue: the Multi-Unit M1.4 titanium lab screws and Multi-Unit pick-up lab screws are compatible with both Multi-Unit N (Ø4.0) and R (Ø4.8 mm) abutments.
- Yellow or marked "4.8": these components are specifically for Multi-Unit R abutments (Ø4.8 mm).
- Green or marked "4.0" or "N": these components are specifically for Multi-Unit N abutments (Ø4.0 mm).

Characteristics:

- For multiple-unit screw-retained restorations on Axiom® TL implants.
- Delivered sterile.
- Single-use.
- All Multi-Unit abutments come pre-mounted on a holder.



Ø4.8 mm platform



Ø4.0 mm platform

B. PLACEMENT

CHOICE OF MULTI-UNIT ABUTMENT

The straight Multi-Unit abutments are available in two platform sizes (**N: Ø4.0** and **R: Ø4.8 mm**).

NECESSARY EQUIPMENT



PROTOCOL FOR USE:

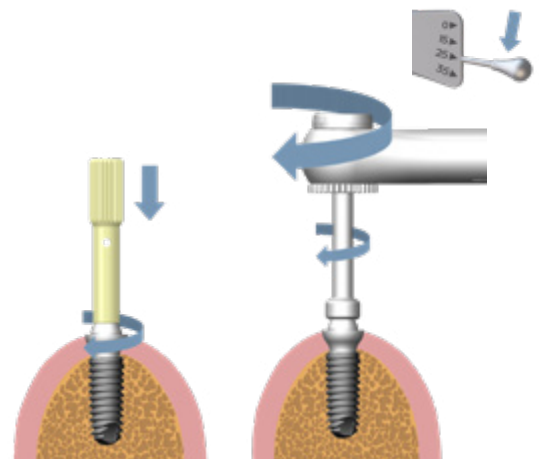
STRAIGHT MULTI-UNIT ABUTMENT

→ Lightly screw the straight Multi-Unit abutment into the implant using the Multi-Unit holder. Remove the holder.

 Tighten the straight Multi-Unit abutment to **25 N.cm** using the Multi-Unit wrench and dynamometrical ratchet wrench (Ref. INCCD) or the Multi-Unit mandrel and TORQ CONTROL®.

Please note:

In cases with limited mouth opening, remove the abutment holder mounted on the Multi-Unit abutment and replace it with the short holder.



C. IMPRESSION

Refer to the paragraph about Multi-Unit abutments on Axiom® BL implants on page 44.

D. TEMPORARY PROSTHESIS

Refer to the paragraph about Multi-Unit abutments on Axiom® BL implants on page 46.

E. FINAL PROSTHESIS

Refer to the paragraph about Multi-Unit abutments on Axiom® BL implants on page 49.

6. Multiple-unit screw-retained prosthesis on lab bases



Characteristics:

- For multiple-unit screw-retained restorations on Axiom® TL implants.
- Delivered non-sterile.
- Single-use.

CHOICE OF BASE

The bases are available in two platform diameters (Ø4.0 and Ø4.8 mm).

NECESSARY EQUIPMENT



PROTOCOL FOR USE:

IN THE LAB

• CAD/CAM MILLING THE SUPERSTRUCTURE

- The appropriate Exocad, 3Shape, and Dental Wings CAD libraries may be downloaded from www.anthogyr.com.
- For information on which scan adapter and digital transfer to use, please refer to the Labside compatibility list at www.anthogyr.com
- For more information on intraoral scanning, please refer to the user manual at ifu.anthogyr.com (AXIOM-SIO_ NOT). In the search box, type the code "156-01-DT".
- If milling the superstructure from zirconia, please refer to the restoration material manufacturers for recommendations on minimum thickness.

• POURING THE SUPERSTRUCTURE

- Use the appropriate castable copings.

• CEMENTING THE BASES:

→ Please refer to the cement manufacturer's guidelines. Anthogyr recommends PANAVIA™ V5 by Kuraray Dental.

Sandblasting:

- Protect the connection of the base by attaching the base to an analog.
- Sandblast the coronal part of the base with 50 to 125 µm aluminum oxide (Al₂O₃) at 2 to 4 bars of pressure, then steam-clean.
- Lightly sandblast the intaglio of the prosthesis, then steam-clean.

For the following steps, we recommend handling the bases with a dental tweezers.

Cementing the first base:

We recommend cementing the bases onto the most angulated analogs first.

- a. Apply primer to the coronal part of the base and intaglio of the prosthesis.
- b. Seal the access channel with wax.
- c. Apply cement to the coronal part of the base, then place the prosthesis on the base to attach it. Allow to cure for a few seconds under a UV curing light. Remove excess cement.
- d. Unseal the access channel and clean.
- e. Photopolymerise the prosthesis in a UV cabinet for 5 min.

Cementing the other bases:

Attach the other bases to the master cast using long or short lab screws.

→ Repeat steps "a" to "e".

AT THE DENTAL PRACTICE

- Clean and sterilize the prosthesis and final prosthetic screws.
- Place the prosthesis in the mouth.



Tighten the final screws to **25 N.cm** using a hexagonal wrench and the dynamometrical ratchet wrench (Ref. INCCD) or a hexagonal mandrel and the TORQ CONTROL®.

- Verify radiographically that the prosthesis is correctly in place.
- Seal the screw channels.

7. Removable overdentures on abutments



Abutments with the
Novaloc® attachment



Abutments with the
LOCATOR® attachment



Abutments with the
Dalbo® attachment

Characteristics:

- Stabilise removable overdentures on Axiom® TL implants.
- Three abutment ranges with three attachment systems: Novaloc®, LOCATOR®, and Dalbo®.
 - LOCATOR® is patented by Zest Dental.
 - Novaloc® is patented by Straumann AG.
 - DALBO® is patented by Cendres+Métaux.
- Delivered non-sterile.
- Single-use.

A. PROSTHESIS ON NOVALOC® ABUTMENTS



Catalog p.116

Novaloc® characteristics:

- The Novaloc® attachment system stabilises removable overdentures on Axiom® TL implants.
- Material: titanium alloy, DLC coating.

CHOICE OF ABUTMENTS

The abutments come in five gingival heights (0.5, 1.5, 2.5, 3.5, and 4.5 mm) and two platform diameters (N: Ø4.0 and R: Ø4.8 mm).

INSTRUMENTS REQUIRED FOR INSERTING THE ABUTMENT



Hexagonal mandrels
INMHECV / INMHVELV /
INMHEXLV



Hexagonal wrenches
INCHECV / INCHELV /
INCHEXLV



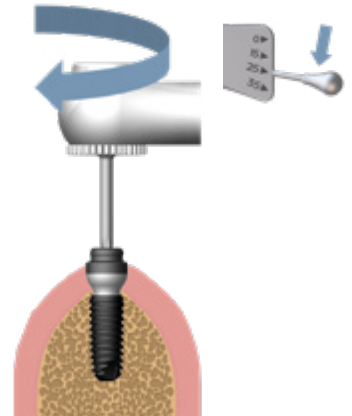
Novaloc® abutments
Catalog p.116

INSERTING THE ABUTMENTS



Tighten the abutments to **25 N.cm** using the hexagonal wrench and dynamometrical ratchet wrench (Ref. INCCD) or the hexagonal mandrel and TORQ CONTROL®.

- Perform retroalveolar radiography to confirm that the abutments are securely seated in the implants.



axiom® TL

FABRICATING A PROSTHESIS

Refer to the paragraph on Axiom® BL implants on page 57.

ADJUSTING AN EXISTING PROSTHESIS

Refer to the paragraph on Axiom® BL implants on page 59.

USING THE NOVALOC® INSTRUMENTS

Refer to the paragraph on Axiom® BL implants on page 60.

B. PROSTHESIS ON LOCATOR® ABUTMENTS



Catalog p.115

LOCATOR® characteristics:

- The LOCATOR® attachment system stabilises removable overdentures on Axiom® TL implants.
 - Material: titanium alloy, TiN coating.
 - The clear, pink, and blue LOCATOR® inserts can be used to compensate for a divergence of up to 20° between any two implants.
- The red, green, orange, and gray LOCATOR® inserts of the extended range can be used to compensate for a divergence of up to 40° between any two implants.

CHOICE OF ABUTMENT

The abutments come in **five gingival heights (1.5, 2.5, 3.5, 4.5, and 5.5 mm)** and two platform diameters (**N: Ø4.0 and R: Ø4.8 mm**).

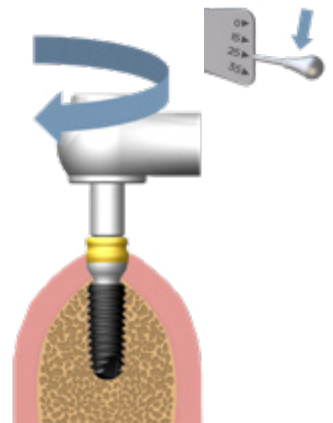
INSTRUMENTS REQUIRED FOR INSERTING THE ABUTMENTS



INSERTING THE ABUTMENTS



- Tighten the abutments to **25 N.cm** using the LOCATOR® wrench and dynamometrical ratchet wrench (Ref. INCCD) or the LOCATOR® mandrel and TORQ CONTROL®.
- Perform retroalveolar radiography to confirm that the abutments are securely seated in the implants.



FABRICATING THE OVERDENTURE

Fabricate the prosthesis according to the techniques for removable implant-borne overdentures. Anthogyr distributes a complete range of attachment components and instruments for processing prostheses. The product references may be found at the end of this user guide.

Instructions for the attachment system and related components may be obtained at www.zestdent.com.

C. OVERDENTURE ON DALBO® ABUTMENTS



Catalog p.117

Dalbo® characteristics:

- The Dalbo® attachment system stabilises removable overdentures on Axiom® TL implants.
- Material: titanium alloy.
- The level of retention can be adjusted by tightening or loosening the insert with the Dalbo® screwdriver/activator.

CHOICE OF ABUTMENT

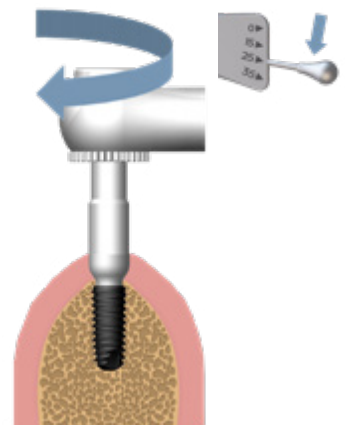
The abutments come in **four gingival heights (0.5, 1.5, 2.5, and 3.5 mm)** as well as in two platform diameters (**N: Ø4.0 mm and R: 4.8 mm**).

INSTRUMENTS REQUIRED FOR INSERTING THE ABUTMENT



INSERTING THE ABUTMENTS

-  Tighten the abutments to **25 N.cm** using the Dalbo® wrench and dynamometrical ratchet wrench (Ref. INCCD) or the Dalbo® mandrel and TORQ CONTROL®.
- Perform retroalveolar radiography to confirm that the abutments are securely seated in the implants.



FABRICATING THE OVERDENTURE

Fabricate the prosthesis according to the techniques for removable implant-borne overdentures. Anthogyr distributes a complete range of attachment components and instruments for processing prostheses. The product references may be found at the end of this user guide.

Instructions for the attachment system and related components may be obtained at www.cmsa.ch.

8. Removable prosthesis on implant-borne SIMEDA® bar

Indications:

- Flat non-indexed M1.6 multiple-unit connection.
- Only available for removable restorations on implant bars with retentive attachments or clips. Please refer to the Customised Prosthesis Design Manual at www.anthogyr.com (MANUEL-CAD_NOT).
- Two platform diameters (**N: Ø4.0 and R: Ø4.8**).

Please note:

This connection is not available for Axiom® BL implants with inLink® abutments.

A. IMPLANT-LEVEL IMPRESSION

Use non-indexed pick-up or pop-in transfers. Refer to paragraph 3A on page 67.

B. DESIGNING THE PROSTHESIS IN THE LAB

NECESSARY EQUIPMENT



Lab scan adapter
156-0X-SAO



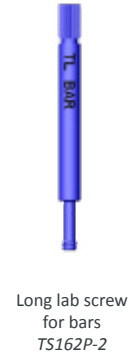
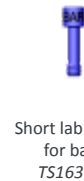
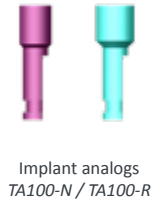
Screwdriver for scan adapter
SATOOL-01

PROTOCOL FOR USE:

- Scan the platform using the scan adapter and a lab scanner approved by Anthogyr S.A..
Refer to the Customised Prosthesis Design Manual.
- Design the implant bar using a CAD program and one of the two Axiom® TL platforms (Axiom® TL bar **N Ø4.0 or R Ø4.8**). Otherwise, send the master cast to Anthogyr S.A.
- Order the implant bar via Anthogyr WebOrder.

C. FABRICATING AND PLACING THE PROSTHESIS

NECESSARY EQUIPMENT



axiom® TL

PROTOCOL FOR USE:

IN THE LAB:

- Receive the implant bar.
- Prepare the removable prosthesis using a long or short Axiom® TL lab screw.

AT THE DENTAL PRACTICE:

- Place the bar in the mouth.
-  Tighten the Axiom® TL final black screws to **25 N.cm** using a hexagonal wrench attached to the dynamometrical ratchet wrench (Ref. INCCD) or a hexagonal mandrel attached to the TORQ CONTROL®.
- Place the removable prosthesis on the implant bar.

Cleaning and sterilisation



Clean and sterilize the Anthogyr components. Please refer to the Cleaning and Sterilisation User Guide (063NETT-STE_NOT), which can be found ifu.anthogyr.com by entering the code “INMODOPP3” into the search box. INMODOPP3

Disassembling - Re-assembly

For information on assembling and disassembling the Anthogyr instrument kits and reversible ratchet wrench (Ref. INCC), please refer to the Cleaning and Sterilisation User Guide (063NETT-STE_NOT). This user guide can be found at ifu.anthogyr.com by entering the code “INMODOPP3” into the search box. INMODOPP3



For information about any other Anthogyr device, please refer to the appropriate IFU.

Component part numbers

1. Axiom® BL healing screws

The prosthetic components are delivered non-sterile unless otherwise indicated.

AXIOM® BL HEALING SCREW				PRODUCT REF.
	Healing screw Ti-6Al-4V ELI			STERILE
	Healing screw	Ø3.4	Gh 1.5	OPHS310
	Healing screw	Ø3.4	Gh 2.5	OPHS320*
	Healing screw	Ø3.4	Gh 3.5	OPHS330
	Healing screw	Ø3.4	Gh 4.5	OPHS340
	Healing screw	Ø4.0	Gh 0.75	OPHS400
	Healing screw	Ø4.0	Gh 1.5	OPHS410
	Healing screw	Ø4.0	Gh 2.5	OPHS420*
	Healing screw	Ø4.0	Gh 3.5	OPHS430
	Healing screw	Ø4.0	Gh 4.5	OPHS440
	Healing screw	Ø5.0	Gh 0.75	OPHS500
	Healing screw	Ø5.0	Gh 1.5	OPHS510
	Healing screw	Ø5.0	Gh 2.5	OPHS520*
	Healing screw	Ø5.0	Gh 3.5	OPHS530
	Healing screw	Ø5.0	Gh 4.5	OPHS540
	Healing screw	Ø6.0	Gh 1.5	OPHS610
	Healing screw	Ø6.0	Gh 2.5	OPHS620*
	Healing screw	Ø6.0	Gh 3.5	OPHS630
	Healing screw	Ø6.0	Gh 4.5	OPHS640
	Healing screw, short	Ø3.4	Gh 1.5	OPHSF310
	Healing screw, short	Ø3.4	Gh 2.5	OPHSF320*
	Healing screw, short	Ø3.4	Gh 3.5	OPHSF330
	Healing screw, short	Ø3.4	Gh 4.5	OPHSF340
	Healing screw, short	Ø4.0	Gh 0.75	OPHSF400
	Healing screw, short	Ø4.0	Gh 1.5	OPHSF410
	Healing screw, short	Ø4.0	Gh 2.5	OPHSF420*
	Healing screw, short	Ø4.0	Gh 3.5	OPHSF430
	Healing screw, short	Ø4.0	Gh 4.5	OPHSF440
	Healing screw, short	Ø5.0	Gh 0.75	OPHSF500
	Healing screw, short	Ø5.0	Gh 1.5	OPHSF510
	Healing screw, short	Ø5.0	Gh 2.5	OPHSF520*
	Healing screw, short	Ø5.0	Gh 3.5	OPHSF530
	Healing screw, short	Ø5.0	Gh 4.5	OPHSF540
	Healing screw, short	Ø6.0	Gh 1.5	OPHSF610
	Healing screw, short	Ø6.0	Gh 2.5	OPHSF620*
	Healing screw, short	Ø6.0	Gh 3.5	OPHSF630
	Healing screw, short	Ø6.0	Gh 4.5	OPHSF640

* Product shown

2. Axiom® TL healing screws

AXIOM® TL HEALING SCREW					PRODUCT REF.
	Healing screw, straight Ti-6Al-4V ELI				STERILE
	Healing screw	Ch 2.0mm	N		THS-N200
	Healing screw, conical Ti-6Al-4V ELI				STERILE
	Healing screw, conical	Ch 2.0mm	N		THS-N210
	Healing screw, conical	Ch 4.0mm	N		THS-N410
	Healing screw, conical	Ch 2.0mm	R		THS-N210
	Healing screw, conical	Ch 4.0mm	R		THS-N410

* Product shown

3. Axiom® BL prosthetic components

PROSTHETIC SCREWS			PRODUCT REF.
	Prosthetic screws Ti-6Al-4V ELI Black M1.6 prosthetic screw Titanium M1.6 prosthetic screw		OPTS160 OPTS161
	AxiN® prosthetic screw for Axiom® BL Ti-6Al-4V ELI AxiN® prosthetic screw AxiN® prosthetic screw		H 1.5 H 2.5 AXIN152-27-S1* AXIN152-27-S2

TRANSFERS AND IMPLANT ANALOGS			PRODUCT REF.
	Impression rings (Propylux®)		
	Impression ring	Ø4.0 Gh 1.5	OPROFIL410*
	Impression ring	Ø4.0 Gh 2.5	OPROFIL420*
	Impression ring	Ø4.0 Gh 3.5	OPROFIL430*
	Impression ring	Ø5.0 Gh 1.5	OPROFIL510
	Impression ring	Ø5.0 Gh 2.5	OPROFIL520
	Impression ring	Ø5.0 Gh 3.5	OPROFIL530
	Pick-up transfer Implant-level impressions Long and short pick-up screws incl. Ti-6Al-4V ELI Pick-up transfer Pick-up transfer (pack of 4)		OPPU100 OPPU100-4
	Pick-up transfer, long Implant-level impressions Long and short pick-up screws incl. Ti-6Al-4V ELI Pick-up transfer Pick-up transfer (pack of 4)		OPPU100L OPPU100L-4
	Pick-up transfer screw Ti-6Al-4V ELI Pick-up screw, short Pick-up screw, long Pick-up screw, extra long		18 mm 21 mm 24 mm OPPU101 OPPU102 OPPU102L
	Pop-in transfer Implant-level impressions Pop-in screw incl. Ti-6Al-4V ELI Pop-in transfer Pop-in transfer (pack of 4)		OPPI100 OPPI100-4
	Pop-in transfer, short Implant-level impressions Pop-in screw incl. Ti-6Al-4V ELI Pop-in transfer, short Pop-in transfer, short (pack of 4)		OPPI100S OPPI100S-4
	Implant analog M1.6 prosthetic screw incl. Ti-6Al-4V ELI Implant analog Implant analog (pack of 4)		OPIA100 OPIA100-4

* Product shown

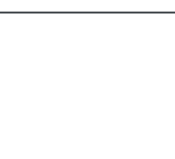
AXIOM® BL TRANSFERS AND STANDARD ABUTMENT ANALOGS				PRODUCT REF.
		Standard abutment transfer PEEK Abutment transfer Abutment transfer (pack of 5)		OPTT100 OPTT100-5
		Standard abutment analogs Ti-6Al-4V ELI Standard abutment analog Ø3.4 Ch 4 Standard abutment analog Ø3.4 Ch 6 Standard abutment analog Ø4.0 Ch 4 Standard abutment analog Ø4.0 Ch 6 Standard abutment analog Ø5.0 Ch 4 Standard abutment analog Ø5.0 Ch 6 Standard abutment analog Ø6.0 Ch 4 Standard abutment analog Ø6.0 Ch 6		OPSA304* OPSA306 OPSA404* OPSA406 OPSA504* OPSA506 OPSA604* OPSA606

TEMPORARY INDEXED ABUTMENTS				PRODUCT REF.
	Temporary extractible abutments Titanium M1.6 prosthetic screw incl. Ti-6Al-4V ELI			STERILE
	Temporary abutment	Ø3.4	Gh 1.5	OPTP310
	Temporary abutment	Ø3.4	Gh 2.5	OPTP320*
	Temporary abutment	Ø3.4	Gh 3.5	OPTP330
	Temporary abutment	Ø3.4	Gh 4.5	OPTP340
	Temporary abutment	Ø4.0	Gh 0.75	OPTP400
	Temporary abutment	Ø4.0	Gh 1.5	OPTP410
	Temporary abutment	Ø4.0	Gh 2.5	OPTP420*
	Temporary abutment	Ø4.0	Gh 3.5	OPTP430
	Temporary abutment	Ø4.0	Gh 4.5	OPTP440
	Temporary abutment	Ø5.0	Gh 0.75	OPTP500
	Temporary abutment	Ø5.0	Gh 1.5	OPTP510
	Temporary abutment	Ø5.0	Gh 2.5	OPTP520*
	Temporary abutment	Ø5.0	Gh 3.5	OPTP530
	Temporary abutment	Ø5.0	Gh 4.5	OPTP540
	Temporary abutment	Ø6.0	Gh 1.5	OPTP610
	Temporary abutment	Ø6.0	Gh 2.5	OPTP620*
	Temporary abutment	Ø6.0	Gh 3.5	OPTP630
	Temporary abutment	Ø6.0	Gh 4.5	OPTP640

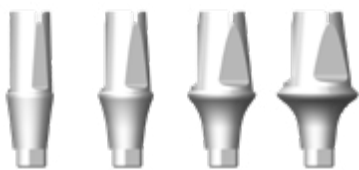
* Product shown

BASES				PRODUCT REF.
	Axiom® BL FlexiBase® Black M1.6 prosthetic screw incl. Ti-6Al-4V ELI			
	Titanium base	Ø4.0	Gh 1.5	OPFLEX413*
	Titanium base	Ø4.0	Gh 2.5	OPFLEX423
	Titanium base	Ø4.0	Gh 3.5	OPFLEX433
	Titanium base	Ø5.0	Gh 1.5	OPFLEX513*
	Titanium base	Ø5.0	Gh 2.5	OPFLEX523
	Titanium base	Ø5.0	Gh 3.5	OPFLEX533
	Axiom® BL FlexiBase® castable coping PMMA			
	Castable coping	Ø4.0		OPFLEXC403
	CEREC®-compatible Axiom® BL base Black M1.6 prosthetic screw incl. Ti-6Al-4V ELI			
	Titanium base	Ø5.0	Gh 1.5	OPBASE-C501-L*
	Axiom® BL base for Axiom® BL Black AxIN® prosthetic screw incl. Ti-6Al-4V ELI			
	AxiN® base	Ø4.0	Gh 1.5	AXIN152-27B41
	AxiN® base	Ø4.0	Gh 2.5	AXIN152-27B42*
	AxiN® base	Ø5.0	Gh 1.5	AXIN152-27B51
	AxiN® base	Ø5.0	Gh 2.5	AXIN152-27B52*
	AxiN® temporary copings for Axiom® BL Ti-6Al-4V ELI			
	AxiN® temporary copings	Ø4.0	10°	AXIN-C-40-10
	AxiN® temporary copings	Ø4.0	15°	AXIN-C-40-15
	AxiN® temporary copings	Ø4.0	25°	AXIN-C-40-25*
	AxiN® temporary copings	Ø5.0	10°	AXIN-C-50-10
	AxiN® temporary copings	Ø5.0	15°	AXIN-C-50-15
	AxiN® temporary copings	Ø5.0	25°	AXIN-C-50-25*
	AxiN® clip-on protection for Axiom® BL PEEK			
	AxiN® clip-on protection	Ø4.0		AXIN-PCC-40
	AxiN® clip-on protection	Ø5.0		AXIN-PCC-50

* Product shown

TITANIUM ESTHETIC ABUTMENTS FOR AXIOM® BL					PRODUCT REF.
					Extractible (indexed) titanium esthetic abutments Black M1.6 prosthetic screw incl. Ti-6Al-4V ELI
					Titanium esthetic abutment Ø3.4 Gh 1.5 7° OPAT31-7
					Titanium esthetic abutment Ø3.4 Gh 2.5 7° OPAT32-7*
					Titanium esthetic abutment Ø3.4 Gh 3.5 7° OPAT33-7
					Titanium esthetic abutment Ø3.4 Gh 4.5 7° OPAT34-7
					Titanium esthetic abutment Ø3.4 Gh 1.5 15° OPAT311
					Titanium esthetic abutment Ø3.4 Gh 2.5 15° OPAT321*
					Titanium esthetic abutment Ø3.4 Gh 3.5 15° OPAT331
					Titanium esthetic abutment Ø3.4 Gh 4.5 15° OPAT341
					Titanium esthetic abutment Ø4.0 Gh 0.75 0° OPAT400
					Titanium esthetic abutment Ø4.0 Gh 1.5 0° OPAT410
					Titanium esthetic abutment Ø4.0 Gh 2.5 0° OPAT420*
					Titanium esthetic abutment Ø4.0 Gh 3.5 0° OPAT430
					Titanium esthetic abutment Ø4.0 Gh 4.5 0° OPAT440
					Titanium esthetic abutment Ø4.0 Gh 0.75 7° OPAT40-7
					Titanium esthetic abutment Ø4.0 Gh 1.5 7° OPAT41-7
					Titanium esthetic abutment Ø4.0 Gh 2.5 7° OPAT42-7*
					Titanium esthetic abutment Ø4.0 Gh 3.5 7° OPAT43-7
					Titanium esthetic abutment Ø4.0 Gh 4.5 7° OPAT44-7
					Titanium esthetic abutment Ø4.0 Gh 0.75 15° OPAT401
					Titanium esthetic abutment Ø4.0 Gh 1.5 15° OPAT411
					Titanium esthetic abutment Ø4.0 Gh 2.5 15° OPAT421*
					Titanium esthetic abutment Ø4.0 Gh 3.5 15° OPAT431
					Titanium esthetic abutment Ø4.0 Gh 4.5 15° OPAT441
					Titanium esthetic abutment Ø4.0 Gh 0.75 23° OPAT402
					Titanium esthetic abutment Ø4.0 Gh 1.5 23° OPAT412
					Titanium esthetic abutment Ø4.0 Gh 2.5 23° OPAT422*
					Titanium esthetic abutment Ø4.0 Gh 3.5 23° OPAT432
					Titanium esthetic abutment Ø4.0 Gh 4.5 23° OPAT442
					Titanium esthetic abutment Ø5.0 Gh 0.75 0° OPAT500
					Titanium esthetic abutment Ø5.0 Gh 1.5 0° OPAT510
					Titanium esthetic abutment Ø5.0 Gh 2.5 0° OPAT520*
					Titanium esthetic abutment Ø5.0 Gh 3.5 0° OPAT530
					Titanium esthetic abutment Ø5.0 Gh 4.5 0° OPAT540
					Titanium esthetic abutment Ø5.0 Gh 0.75 7° OPAT50-7
					Titanium esthetic abutment Ø5.0 Gh 1.5 7° OPAT51-7
					Titanium esthetic abutment Ø5.0 Gh 2.5 7° OPAT52-7*
					Titanium esthetic abutment Ø5.0 Gh 3.5 7° OPAT53-7
					Titanium esthetic abutment Ø5.0 Gh 4.5 7° OPAT54-7
					Titanium esthetic abutment Ø5.0 Gh 0.75 15° OPAT501
					Titanium esthetic abutment Ø5.0 Gh 1.5 15° OPAT511
					Titanium esthetic abutment Ø5.0 Gh 2.5 15° OPAT521*
					Titanium esthetic abutment Ø5.0 Gh 3.5 15° OPAT531
					Titanium esthetic abutment Ø5.0 Gh 4.5 15° OPAT541
					Titanium esthetic abutment Ø5.0 Gh 0.75 23° OPAT502
					Titanium esthetic abutment Ø5.0 Gh 1.5 23° OPAT512
					Titanium esthetic abutment Ø5.0 Gh 2.5 23° OPAT522*
					Titanium esthetic abutment Ø5.0 Gh 3.5 23° OPAT532
					Titanium esthetic abutment Ø5.0 Gh 4.5 23° OPAT542
					Titanium esthetic abutment Ø6.0 Gh 1.5 0° OPAT610
					Titanium esthetic abutment Ø6.0 Gh 2.5 0° OPAT620*
					Titanium esthetic abutment Ø6.0 Gh 3.5 0° OPAT630
					Titanium esthetic abutment Ø6.0 Gh 4.5 0° OPAT640
					Titanium esthetic abutment Ø6.0 Gh 1.5 15° OPAT611
					Titanium esthetic abutment Ø6.0 Gh 2.5 15° OPAT621*
					Titanium esthetic abutment Ø6.0 Gh 3.5 15° OPAT631
					Titanium esthetic abutment Ø6.0 Gh 4.5 15° OPAT641

* Product shown

STANDARD TITANIUM ABUTMENTS FOR AXIOM® BL						PRODUCT REF.
						STERILE
Extractible standard titanium abutments						
Black M1.6 prosthetic screw incl.						
Ti-6Al-4V ELI						
Standard straight indexed abutments						
	STD titanium abutment	Ø3.4	Gh 1.5	Ch 4	0°	OPST314
	STD titanium abutment	Ø3.4	Gh 2.5	Ch 4	0°	OPST324
	STD titanium abutment	Ø3.4	Gh 3.5	Ch 4	0°	OPST334
	STD titanium abutment	Ø3.4	Gh 1.5	Ch 6	0°	OPST316
	STD titanium abutment	Ø3.4	Gh 2.5	Ch 6	0°	OPST326*
	STD titanium abutment	Ø3.4	Gh 3.5	Ch 6	0°	OPST336
	STD titanium abutment	Ø4.0	Gh 1.5	Ch 4	0°	OPST414
	STD titanium abutment	Ø4.0	Gh 2.5	Ch 4	0°	OPST424
	STD titanium abutment	Ø4.0	Gh 3.5	Ch 4	0°	OPST434
	STD titanium abutment	Ø4.0	Gh 1.5	Ch 6	0°	OPST416
	STD titanium abutment	Ø4.0	Gh 2.5	Ch 6	0°	OPST426*
	STD titanium abutment	Ø4.0	Gh 3.5	Ch 6	0°	OPST436
	STD titanium abutment	Ø5.0	Gh 1.5	Ch 4	0°	OPST514
	STD titanium abutment	Ø5.0	Gh 2.5	Ch 4	0°	OPST524
	STD titanium abutment	Ø5.0	Gh 3.5	Ch 4	0°	OPST534
	STD titanium abutment	Ø5.0	Gh 1.5	Ch 6	0°	OPST516
	STD titanium abutment	Ø5.0	Gh 2.5	Ch 6	0°	OPST526*
	STD titanium abutment	Ø5.0	Gh 3.5	Ch 6	0°	OPST536
	STD titanium abutment	Ø6.0	Gh 1.5	Ch 4	0°	OPST614
	STD titanium abutment	Ø6.0	Gh 2.5	Ch 4	0°	OPST624
	STD titanium abutment	Ø6.0	Gh 3.5	Ch 4	0°	OPST634
	STD titanium abutment	Ø6.0	Gh 1.5	Ch 6	0°	OPST616
	STD titanium abutment	Ø6.0	Gh 2.5	Ch 6	0°	OPST626*
	STD titanium abutment	Ø6.0	Gh 3.5	Ch 6	0°	OPST636
Standard 15° non-indexed abutments						
	STD titanium abutment	Ø4.0	Gh 1.5	Ch 4	15°	OPST416-15
	STD titanium abutment	Ø4.0	Gh 2.5	Ch 4	15°	OPST426-15*
	STD titanium abutment	Ø4.0	Gh 3.5	Ch 4	15°	OPST436-15
	STD titanium abutment	Ø5.0	Gh 1.5	Ch 6	15°	OPST516-15
	STD titanium abutment	Ø5.0	Gh 2.5	Ch 6	15°	OPST526-15*
	STD titanium abutment	Ø5.0	Gh 3.5	Ch 6	15°	OPST536-15
Standard 23° non-indexed abutments						
	STD titanium abutment	Ø4.0	Gh 1.5	Ch 4	23°	OPST416-23
	STD titanium abutment	Ø4.0	Gh 2.5	Ch 4	23°	OPST426-23*
	STD titanium abutment	Ø4.0	Gh 3.5	Ch 4	23°	OPST436-23
	STD titanium abutment	Ø5.0	Gh 1.5	Ch 6	23°	OPST516-23
	STD titanium abutment	Ø5.0	Gh 2.5	Ch 6	23°	OPST526-23*
	STD titanium abutment	Ø5.0	Gh 3.5	Ch 6	23°	OPST536-23

PROTECTION CAPS FOR AXIOM® BL STANDARD ABUTMENTS					PRODUCT REF.
					
Protection caps for STD abutments Medical-grade PEEK					
	Protection cap	Ø3.4		Ch 4	OPPC304
	Protection cap	Ø3.4		Ch 6	OPPC306*
	Protection cap	Ø4.0		Ch 4	OPPC404
	Protection cap	Ø4.0		Ch 6	OPPC406*
	Protection cap	Ø5.0		Ch 4	OPPC504
	Protection cap	Ø5.0		Ch 6	OPPC506*
	Protection cap	Ø6.0		Ch 4	OPPC604
	Protection cap	Ø6.0		Ch 6	OPPC606*

SINGLE-UNIT CASTABLE COPINGS FOR AXIOM® BL STANDARD ABUTMENTS				PRODUCT REF.
	Indexed castable copings			
	Copings for single-unit prostheses			
	PMMA			
	SING. castable coping	Ø3.4	Ch 4	OPCA304
	SING. castable coping	Ø3.4	Ch 6	OPCA306*
	SING. castable coping	Ø4.0	Ch 4	OPCA404
	SING. castable coping	Ø4.0	Ch 6	OPCA406*
	SING. castable coping	Ø5.0	Ch 4	OPCA504
	SING. castable coping	Ø5.0	Ch 6	OPCA506*
	SING. castable coping	Ø6.0	Ch 4	OPCA604
SING. castable coping	Ø6.0	Ch 6	OPCA606*	

MULTIPLE-UNIT CASTABLE COPINGS FOR AXIOM® BL STANDARD ABUTMENTS				PRODUCT REF.
	Non-indexed castable copings			
	Copings for multiple-unit prostheses			
	PMMA			
	MULT. castable coping	Ø3.4	Ch 4	
	MULT. castable coping	Ø3.4	Ch 6	
	MULT. castable coping	Ø4.0	Ch 4	
	MULT. castable coping	Ø4.0	Ch 6	
	MULT. castable coping	Ø5.0	Ch 4	
	MULT. castable coping	Ø5.0	Ch 6	
	MULT. castable coping	Ø6.0	Ch 4	
MULT. castable coping	Ø6.0	Ch 6		

CUSTOMIZABLE INDEXED ABUTMENTS		PRODUCT REF.
	CERAMICOR castable gold abutment Black M1.6 prosthetic screw incl. CERAMICOR & PMMA	OPOG110
	Trimable abutment Black M1.6 prosthetic screw incl. Ti-6Al-4V ELI	OPFS100

INLINK® ABUTMENTS				PRODUCT REF.
	inLink® abutments			STERILE
	Ti-6Al-4V ELI			
	inLink® abutment	Ø4.0 / N	Gh 2.5	OPIL-N2*
	inLink® abutment	Ø4.0 / N	Gh 3.5	OPIL-N3
	inLink® abutment	Ø4.8 / R	Gh 2.5	OPIL-R2*
	inLink® abutment	Ø4.8 / R	Gh 3.5	OPIL-R3

TRY-IN ABUTMENTS				PRODUCT REF.
	Try-in abutments Ti-6Al-4V ELI			
	Straight try-in abutments			
	Try-in abutment	Gh 0.75	0°	OPSF006
	Try-in abutment	Gh 1.5	0°	OPSF016
	Try-in abutment	Gh 2.5	0°	OPSF026*
	Try-in abutment	Gh 3.5	0°	OPSF036
	Try-in abutment	Gh 4.5	0°	OPSF046
	Angulated try-in abutments			
	Try-in abutment	Gh 0.75	7°	OPAF00-7
	Try-in abutment	Gh 1.5	7°	OPAF01-7
	Try-in abutment	Gh 2.5	7°	OPAF02-7*
	Try-in abutment	Gh 3.5	7°	OPAF03-7
	Try-in abutment	Gh 4.5	7°	OPAF04-7
	Try-in abutment	Gh 0.75	15°	OPAF001
	Try-in abutment	Gh 1.5	15°	OPAF011
	Try-in abutment	Gh 2.5	15°	OPAF021*
	Try-in abutment	Gh 3.5	15°	OPAF031
	Try-in abutment	Gh 4.5	15°	OPAF041
	Try-in abutment	Gh 0.75	23°	OPAF002
	Try-in abutment	Gh 1.5	23°	OPAF012
	Try-in abutment	Gh 2.5	23°	OPAF022*
	Try-in abutment	Gh 3.5	23°	OPAF032
	Try-in abutment	Gh 4.5	23°	OPAF042

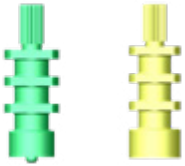
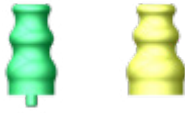
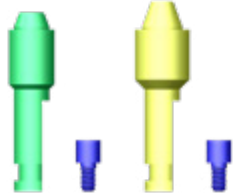
4. Axiom® BL and Axiom® TL Multi-Unit prosthetic components

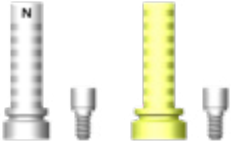
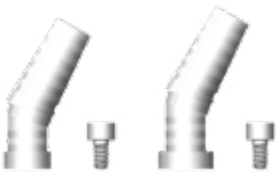
PROSTHETIC SCREWS		PRODUCT REF.
	Multi-Unit M1.6 prosthetic screw Ti-6Al-4V ELI Black M1.6 Multi-Unit screw	OPMU160
	Multi-Unit M1.4 prosthetic screw Ti-6Al-4V ELI Black M1.4 Multi-Unit screw Titanium M1.4 Multi-Unit screw Titanium angulated access M1.4 Multi-Unit screw	MU140* MU140Z MUA141

AXIOM® BL MULTI-UNIT ABUTMENTS		PRODUCT REF.
	Straight Axiom® BL Multi-Unit abutments Multi-Unit holder incl. Ti-6Al-4V ELI	STERILE
	Axiom® BL Multi-Unit abutment Ø4.0 Gh 0.75 0°	OPMUN0-0
	Axiom® BL Multi-Unit abutment Ø4.0 Gh 1.5 0°	OPMUN0-1
	Axiom® BL Multi-Unit abutment Ø4.0 Gh 2.5 0°	OPMUN0-2*
	Axiom® BL Multi-Unit abutment Ø4.0 Gh 3.5 0°	OPMUN0-3
	Axiom® BL Multi-Unit abutment Ø4.0 Gh 4.5 0°	OPMUN0-4
	Axiom® BL Multi-Unit abutment Ø4.8 Gh 0.75 0°	OPMU0-0
	Axiom® BL Multi-Unit abutment Ø4.8 Gh 1.5 0°	OPMU0-1
	Axiom® BL Multi-Unit abutment Ø4.8 Gh 2.5 0°	OPMU0-2*
	Axiom® BL Multi-Unit abutment Ø4.8 Gh 3.5 0°	OPMU0-3
	Angulated Axiom® BL Multi-Unit abutments Multi-Unit holder incl. Black M1.6 Multi-Unit screw incl. Ti-6Al-4V ELI	
	Indexed Axiom® BL Multi-Unit abutment	
	Axiom® BL Multi-Unit abutment Ø4.8 Gh 1.5 18°	OPMU18-1-IN
	Axiom® BL Multi-Unit abutment Ø4.8 Gh 2.5 18°	OPMU18-2-IN*
	Axiom® BL Multi-Unit abutment Ø4.8 Gh 3.5 18°	OPMU18-3-IN
	Axiom® BL Multi-Unit abutment Ø4.8 Gh 0.75 30°	OPMU30-0-IN
	Axiom® BL Multi-Unit abutment Ø4.8 Gh 1.5 30°	OPMU30-1-IN
	Axiom® BL Multi-Unit abutment Ø4.8 Gh 2.5 30°	OPMU30-2-IN
	Axiom® BL Multi-Unit abutment Ø4.8 Gh 3.5 30°	OPMU30-3-IN
	Non-indexed Axiom® BL Multi-Unit abutment	
	Axiom® BL Multi-Unit abutment Ø4.8 Gh 1.5 18°	OPMU18-1
	Axiom® BL Multi-Unit abutment Ø4.8 Gh 2.5 18°	OPMU18-2*
	Axiom® BL Multi-Unit abutment Ø4.8 Gh 3.5 18°	OPMU18-3
	Axiom® BL Multi-Unit abutment Ø4.8 Gh 0.75 30°	OPMU30-0
	Axiom® BL Multi-Unit abutment Ø4.8 Gh 1.5 30°	OPMU30-1
	Axiom® BL Multi-Unit abutment Ø4.8 Gh 2.5 30°	OPMU30-2
	Axiom® BL Multi-Unit abutment Ø4.8 Gh 3.5 30°	OPMU30-3

AXIOM® TL MULTI-UNIT ABUTMENTS		PRODUCT REF.
	Straight Axiom® TL Multi-Unit abutments Multi-Unit holder incl. Ti-6Al-4V ELI	STERILE
	Axiom® TL Multi-Unit abutment Ø4.0/N	TMU0-N
	Axiom® TL Multi-Unit abutment Ø4.8/R	TMU0-R

MULTI-UNIT PROTECTION CAP			PRODUCT REF.
	Multi-Unit protection cap		STERILE
	Ti-6Al-4V ELI		
	Multi-Unit protection cap, narrow	Ø4.0	MUNCAP*
	Multi-Unit protection cap	Ø4.8	MUCAP*
	Multi-Unit protection cap (pack of 4)	Ø4.8	MUCAP-4

MULTI-UNIT TRANSFERS AND ABUTMENT ANALOGS			PRODUCT REF.
	Multi-Unit pick-up transfer		
	Long and short Multi-Unit lab screws incl.		
	Ti-6Al-4V ELI		
	Multi-Unit pick-up transfer, narrow	Ø4.0	MUNT100*
	Multi-Unit pick-up transfer, narrow (pack of 4)	Ø4.0	MUNT100-4
	Multi-Unit pick-up transfer	Ø4.8	MUT100*
	Multi-Unit pick-up transfer (pack of 4)	Ø4.8	MUT100-4
	Multi-Unit pop-in transfer		
	Ti-6Al-4V ELI		
	Multi-Unit pop-in transfer, narrow	Ø4.0	MUNT200*
	Multi-Unit pop-in transfer, narrow (pack of 4)	Ø4.0	MUNT200-4
	Multi-Unit pop-in transfer	Ø4.8	MUT200*
	Multi-Unit pop-in transfer (pack of 4)	Ø4.8	MUT200-4
	Multi-Unit analog		
	Black M1.4 Multi-Unit lab screw incl.		
	Ti-6Al-4V ELI		
	Multi-Unit abutment analog, narrow	Ø4.0	MUNA100*
	Multi-Unit abutment analog, narrow (pack of 4)	Ø4.0	MUNA100-4
	Multi-Unit abutment analog	Ø4.8	MUA100*
	Multi-Unit abutment analog (pack of 4)	Ø4.8	MUA100-4
	Multi-Unit protection analog		
	Ti-6Al-4V ELI		
	Multi-Unit protection analog, narrow	Ø4.0	MUNA200
	Multi-Unit protection analog	Ø4.8	MUA200

MULTI-UNIT TEMPORARY COPINGS			PRODUCT REF.
	Titanium Multi-Unit temporary copings		
	Titanium M1.4 Multi-Unit screw incl.		
	Ti-6Al-4V ELI		
	Titanium Multi-Unit temporary coping	Ø4.0	MUNC100
	Titanium Multi-Unit temporary coping	Ø4.8	MUC100
	Titanium angulated access temporary copings		
	M1.4 Multi-Unit angulated access screw incl.		
	Ti-6Al-4V ELI		
	Multi-Unit AA access temporary coping	Ø4.0 0°	MUNCAA100*
	Multi-Unit AA access temporary coping	Ø4.0 10°	MUNCAA110
	Multi-Unit AA access temporary coping	Ø4.0 15°	MUNCAA115
	Multi-Unit AA access temporary coping	Ø4.0 25°	MUNCAA125
	Multi-Unit AA access temporary coping	Ø4.8 0°	MUCAA100*
	Multi-Unit AA access temporary coping	Ø4.8 10°	MUCAA110
	Multi-Unit AA access temporary coping	Ø4.8 15°	MUCAA115
	Multi-Unit AA access temporary coping	Ø4.8 25°	MUCAA125
	PEEK Multi-Unit temporary coping		
	Titanium M1.4 Multi-Unit screw incl.		
	PEEK		
	PEEK Multi-Unit temporary coping	Ø4.0	MUNC200
	PEEK Multi-Unit temporary coping	Ø4.8	MUC200

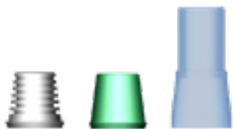
* Product shown

axiom® BL

axiom® TL

MULTI-UNIT FINAL COPINGS			PRODUCT REF.
	Multi-Unit castable coping		MUNC300 MUC300
	Black M1.4 Multi-Unit screw incl. PMMA		
	Multi-Unit castable CoCr coping	Ø4.0	MUNC400 MUC400
	Black M1.4 Multi-Unit screw incl. Medical-grade CoCr & PMMA	Ø4.8	

FLEXIBASE®			PRODUCT REF.
	FlexiBase® Multi-Unit		MUNFLEX MUFLEX
	Black M1.4 Multi-Unit screw incl. Ti-6Al-4V ELI		
	FlexiBase® Multi-Unit	Ø4.0	MUNFLEXC MUFLEXC
	FlexiBase® Multi-Unit	Ø4.8	

PACIFIC SYSTEM FOR NARROW MULTI-UNIT ABUTMENTS			PRODUCT REF.
	Complete kit for narrow Multi-Unit abutments		KITMUNPAC
	Ti-6Al-4V ELI		
	Black M1.4 Multi-Unit screw incl. Narrow Pacific Multi-Unit ring		MUNPAC100
	Ti-6Al-4V ELI		
	Blue M1.4 Multi-Unit screw and Multi-Unit lab screw incl.		MUNPAC110
	Narrow Pacific Multi-Unit castable coping	Ø4.0	
	PMMA		MUNPAC120
	Narrow Pacific Multi-Unit castable coping	Ø4.0	

5. Axiom® BL and Axiom® TL components for removable prostheses

LOCATOR® ABUTMENTS FOR AXIOM® BL				PRODUCT REF.
	LOCATOR® abutments for Axiom® BL			
	Titanium			
	LOCATOR® abutment	Ø4.0	Gh 1.5	O1697
	LOCATOR® abutment	Ø4.0	Gh 2.5	O1698*
	LOCATOR® abutment	Ø4.0	Gh 3.5	O1699
	LOCATOR® abutment	Ø4.0	Gh 4.5	O1016
	LOCATOR® abutment	Ø4.0	Gh 5.5	O1017

LOCATOR® ABUTMENTS FOR AXIOM® TL				PRODUCT REF.
	LOCATOR® abutments for Axiom® BL			
	Titanium			
	LOCATOR® abutment	Ø4.0 / N	Ch 0.5	O2811
	LOCATOR® abutment	Ø4.0 / N	Ch 1.5	O2812*
	LOCATOR® abutment	Ø4.0 / N	Ch 2.5	O2813
	LOCATOR® abutment	Ø4.0 / N	Ch 3.5	O2814
	LOCATOR® abutment	Ø4.0 / N	Ch 4.5	O2815
	LOCATOR® abutment	Ø4.8 / R	Ch 0.5	O2830
	LOCATOR® abutment	Ø4.8 / R	Ch 1.5	O2831*
	LOCATOR® abutment	Ø4.8 / R	Ch 2.5	O2832
	LOCATOR® abutment	Ø4.8 / R	Ch 3.5	O2833
	LOCATOR® abutment	Ø4.8 / R	Ch 4.5	O2834

LOCATOR® ANALOGS AND IMPRESSION COPINGS			PRODUCT REF.
	LOCATOR® impression coping		
	LOCATOR® impression coping (pack of 4)		O8505
	LOCATOR® analog		
	LOCATOR® analog (pack of 4)		O8530

LOCATOR® ATTACHMENT COMPONENTS			PRODUCT REF.
	LOCATOR® attachment components		
	Titanium/Nylon		
	LOCATOR® insert pack - 20° divergence (pack of 2)		O8519-2*
	LOCATOR® insert - Regular retention - Clear (pack of 4)		O8524
	LOCATOR® insert - Light retention - Pink (pack of 4)		O8527
	LOCATOR® insert - Extra-light retention - Blue (pack of 4)		O8529
	LOCATOR® insert pack - Divergence 40° (pack of 2)		O8540-2*
	LOCATOR® insert - Zero retention - Gray (pack of 4)		O8558
	LOCATOR® insert - Extra-light retention - Red (pack of 4)		O8548
	LOCATOR® insert - Light retention - orange (pack of 4)		O8915
	LOCATOR® insert - Regular retention - Green (pack of 4)		O8947

NOVALOC® ABUTMENTS FOR AXIOM® BL				PRODUCT REF.
	Novaloc® abutments for Axiom® BL Ti-6Al-4V ELI			OPNOVA015 OPNOVA025* OPNOVA035 OPNOVA045 OPNOVA055
	Novaloc® abutment	Ø4.0	Gh 1.5	
	Novaloc® abutment	Ø4.0	Gh 2.5	
	Novaloc® abutment	Ø4.0	Gh 3.5	
	Novaloc® abutment	Ø4.0	Gh 4.5	
	Novaloc® abutment	Ø4.0	Gh 5.5	

NOVALOC® ABUTMENTS FOR AXIOM® TL				PRODUCT REF.
	Novaloc® abutments for Axiom® TL Ti-6Al-4V ELI			TOPNOVA000-N TOPNOVA010-N* TOPNOVA020-N TOPNOVA030-N TOPNOVA040-N TOPNOVA000-R TOPNOVA010-R* TOPNOVA020-R TOPNOVA030-R TOPNOVA040-R
	Novaloc® abutment	Ø4.0 / N	Ch 0.0	
	Novaloc® abutment	Ø4.0 / N	Ch 1.0	
	Novaloc® abutment	Ø4.0 / N	Ch 2.0	
	Novaloc® abutment	Ø4.0 / N	Ch 3.0	
	Novaloc® abutment	Ø4.0 / N	Ch 4.0	
	Novaloc® abutment	Ø4.8 / R	Ch 0.0	
	Novaloc® abutment	Ø4.8 / R	Ch 1.0	
	Novaloc® abutment	Ø4.8 / R	Ch 2.0	
	Novaloc® abutment	Ø4.8 / R	Ch 3.0	
	Novaloc® abutment	Ø4.8 / R	Ch 4.0	
	Novaloc® abutment	Ø4.8 / R	Ch 4.0	

NOVALOC® ANALOGS AND IMPRESSION COPINGS		PRODUCT REF.
	Novaloc® impression coping Novaloc® impression coping, red (pack of 4)	2010.722-NOV
	Novaloc® analog Novaloc® analog (pack of 4)	2010.721-NOV

NOVALOC® ATTACHMENT COMPONENTS		PRODUCT REF.
	Novaloc® attachment components Titanium/PEEK	2010.723-NOV 2010.724-NOV 2010.725-NOV 2010.701-NOV 2010.702-NOV 2010.703-NOV 2010.710-NOV 2010.711-NOV 2010.712-NOV 2010.713-NOV 2010.714-NOV 2010.715-NOV 2010.601-NOV* 2010.611-NOV*
	Block-out spacer, white (pack of 4)	
	Silicone processing collar (pack of 10)	
	Processing insert (pack of 4)	
	Titanium matrix housing (pack of 4)	
	PEEK matrix housing (pack of 4)	
	Titanium matrix housing with attachment (pack of 4)	
	Retention insert, red (pack of 4)	
	Retention insert, white (pack of 4)	
	Retention insert, yellow (pack of 4)	
	Retention insert, green (pack of 4)	
	Retention insert, blue (pack of 4)	
	Retention insert, black (pack of 4)	
	Titanium processing package (pack of 2)	
	PEEK processing package (pack of 2)	

DALBO® ABUTMENTS FOR AXIOM® BL				PRODUCT REF.
	DALBO® abutments for Axiom® BL			
	Ti-6Al-4V ELI			
	DALBO® abutment	Ø4.0	Gh 1.5	AXDA015
	DALBO® abutment	Ø4.0	Gh 2.5	AXDA025*
	DALBO® abutment	Ø4.0	Gh 3.5	AXDA035
	DALBO® abutment	Ø4.0	Gh 4.5	AXDA045

axiom® BL

DALBO® ABUTMENTS FOR AXIOM® TL				PRODUCT REF.
	DALBO® abutments for Axiom® TL			
	Ti-6Al-4V ELI			
	DALBO® abutment	Ø4.0 / N	Ch 1.5	TAXDA000-N
	DALBO® abutment	Ø4.0 / N	Ch 2.5	TAXDA010-N*
	DALBO® abutment	Ø4.0 / N	Ch 3.5	TAXDA020-N
	DALBO® abutment	Ø4.0 / N	Ch 4.5	TAXDA030-N
	DALBO® abutment	Ø4.8 / R	Ch 1.5	TAXDA000-R
	DALBO® abutment	Ø4.8 / R	Ch 2.5	TAXDA010-R*
	DALBO® abutment	Ø4.8 / R	Ch 3.5	TAXDA020-R
	DALBO® abutment	Ø4.8 / R	Ch 4.5	TAXDA030-R

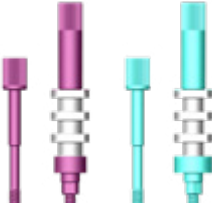
axiom® TL

DALBO® ANALOG		PRODUCT REF.
	DALBO® analog	AXDA100
	Ti-6Al-4V ELI	
	DALBO® analog (pack of 4)	

DALBO® PLUS SYSTEM		PRODUCT REF.
	DALBO® PLUS system DALBO® PLUS system	O55752

6. Prosthetic components for Axiom® TL single-unit restorations

PROSTHETIC SCREWS		PRODUCT REF.
	Axiom® TL M1.6 prosthetic screws Ti-6Al-4V ELI Black M1.6 prosthetic screw Titanium M1.6 prosthetic screw	TS160 TS161
	AxiN® prosthetic screw for Axiom® TL Ti-6Al-4V ELI AxiN® prosthetic screw	AXIN156-0X-S

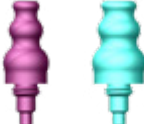
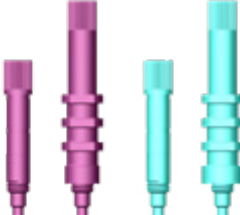
TRANSFERS AND ANALOGS		PRODUCT REF.
	Pop-in transfers Indexed transfers for implant-level impressions Ti-6Al-4V ELI Pop-in transfer, indexed Pop-in transfer, indexed	Ø4.0 / N Ø4.8 / R TT200-N TT200-R
	Pop-in transfer, long Indexed transfers for implant-level impressions Ti-6Al-4V ELI Pop-in transfer, long, indexed Pop-in transfer, long, indexed	Ø4.0 / N Ø4.8 / R TT200L-N TT200L-R
	Pick-up transfers Indexed transfers for implant-level impressions Ti-6Al-4V ELI Pick-up transfer Pick-up transfer	Ø4.0 / N Ø4.8 / R TT300-N TT300-R
	Implant analog Ti-6Al-4V ELI Implant analog Implant analog (pack of 4) Implant analog Implant analog (pack of 4)	Ø4.0 / N Ø4.0 / N Ø4.8 / R Ø4.8 / R TA100-N TA100-N-4 TA100-R TA100-R-4

AXIOM® TL TEMPORARY ABUTMENTS		PRODUCT REF.
	Temporary abutments Titanium M1.6 prosthetic screw incl. Ti-6Al-4V ELI Temporary abutment Temporary abutment	Ø4.0 / N Ø4.8 / R TC100-N TC100-R

BASES				PRODUCT REF.
				
Axiom® TL FlexiBase® Black M1.6 prosthetic screw incl. Ti-6Al-4V ELI Titanium base Titanium base				Ø4.0 / N Ø4.8 / R TFLEX-N TFLEX-R
				
Axiom® TL FlexiBase® castable coping PMMA Castable coping Castable coping				Ø4.0 / N Ø4.8 / R TFLEXC-N TFLEXC-R
				
CEREC®-compatible Axiom® TL base Black M1.6 prosthetic screw incl. Ti-6Al-4V ELI Titanium base Titanium base				Ø4.0 / N Ø4.8 / R TBASE-N-S TBASE-R-L
				
AxIN® base for Axiom® TL Black AxIN® prosthetic screw incl. Ti-6Al-4V ELI AxIN® base AxIN® base				Ø4.0 / N Ø4.8 / R AXIN156-01-B AXIN156-02-B
				
AxIN® temporary copings for Axiom® TL Ti-6Al-4V ELI AxIN® temporary copings AxIN® temporary copings AxIN® temporary copings AxIN® temporary copings AxIN® temporary copings AxIN® temporary copings				Ø4.0 / N Ø4.0 / N Ø4.0 / N Ø4.8 / R Ø4.8 / R Ø4.8 / R 10° 15° 25° 10° 15° 25° AXIN-C-40-10 AXIN-C-40-15 AXIN-C-40-25* AXIN-C-48-10 AXIN-C-48-15 AXIN-C-48-25*
				
AxIN® clip-on protection for Axiom® TL PEEK AxIN® clip-on protection AxIN® clip-on protection				Ø4.0 / N Ø4.8 / R AXIN-PCC-40 AXIN-PCC-48

7. inLink® prosthetic components

INLINK® LOCKS		PRODUCT REF.
	inLink® definitive standard black lock Ti-6Al-4V ELI Standard black lock Standard black lock (pack of 4)	ILL110 ILL110-4
	inLink® definitive guiding black lock Ti-6Al-4V ELI Guiding black lock Guiding black lock (pack of 2)	ILLG110 ILLG110-2
	inLink® standard black lock on carrier Ti-6Al-4V ELI/PEEK Standard black lock on carrier	ILL210
	inLink® guiding black lock on carrier Ti-6Al-4V ELI/PEEK Guiding black lock on carrier	ILLG210
	inLink® standard try-in lock Ti-6Al-4V ELI inLink® standard try-in lock (pack of 4)	ILL100T-4
	inLink® guiding try-in lock Ti-6Al-4V ELI inLink® guiding try-in lock (pack of 4)	ILLG100T-4

TRANSFERS AND ANALOGS		PRODUCT REF.
	Pop-in transfers Implant-level impressions Ti-6Al-4V ELI Pop-in transfer Pop-in transfer (pack of 4) Pop-in transfer Pop-in transfer (pack of 4)	Ø4.0 / N Ø4.0 / N Ø4.8 / R Ø4.8 / R ILT200-N ILT200-N-4 ILT200-R ILT200-R-4
	Pick-up transfers Implant-level impressions Ti-6Al-4V ELI Pick-up transfer Pick-up transfer (pack of 4) Pick-up transfer Pick-up transfer (pack of 4)	Ø4.0 / N Ø4.0 / N Ø4.8 / R Ø4.8 / R ILT100-N ILT100-N-4 ILT100-R ILT100-R-4
	Implant analog Ti-6Al-4V ELI Implant analog Implant analog (pack of 4) Implant analog Implant analog (pack of 4)	Ø4.0 / N Ø4.0 / N Ø4.8 / R Ø4.8 / R TA100-N TA100-N-4 TA100-R TA100-R-4

* Product shown

INLINK® TEMPORARY ABUTMENTS			PRODUCT REF.
	inLink® temporary abutments Final standard black lock incl. Ti-6Al-4V ELI		
	Temporary abutment	Ø4.0 / N	0°
	Temporary abutment	Ø4.0 / N	10°
	Temporary abutment	Ø4.0 / N	15°
	Temporary abutment	Ø4.0 / N	25°
	Temporary abutment	Ø4.8 / R	0°
	Temporary abutment	Ø4.8 / R	10°
	Temporary abutment	Ø4.8 / R	15°
	Temporary abutment	Ø4.8 / R	25°
	inLink® temporary abutments Final guiding black lock incl. Ti-6Al-4V ELI		
	Temporary abutment	Ø4.0 / N	0°
	Temporary abutment	Ø4.0 / N	10°
	Temporary abutment	Ø4.0 / N	15°
	Temporary abutment	Ø4.0 / N	25°
	Temporary abutment	Ø4.8 / R	0°
	Temporary abutment	Ø4.8 / R	10°
	Temporary abutment	Ø4.8 / R	15°
	Temporary abutment	Ø4.8 / R	25°
	inLink® temporary abutments Try-in and standard definitive black locks incl. Ti-6Al-4V ELI		
	Temporary abutment	Ø4.0 / N	0°
	Temporary abutment	Ø4.0 / N	10°
	Temporary abutment	Ø4.8 / R	15°
	Temporary abutment	Ø4.8 / R	25°

axiom® BL

axiom® TL

8. Prosthetic components for Axiom® TL multiple-unit restorations

PROSTHETIC SCREWS		PRODUCT REF.
	M1.6 screw for removable bar Ti-6Al-4V ELI Black prosthetic screw for bar	TS160P

FLEXIBASE®		PRODUCT REF.
	FlexiBase® for Axiom® TL, non-indexed Black M1.6 prosthetic screw incl. Ti-6Al-4V ELI FlexiBase® for Axiom® TL, non-indexed FlexiBase® for Axiom® TL, non-indexed	Ø4.0 / N Ø4.8 / R TFLEX-N-P TFLEX-R-P
	FlexiBase® non-indexed castable coping for Axiom® TL PMMA Castable coping Castable coping	Ø4.0 / N Ø4.8 / R TFLEXC-N TFLEXC-R

* Product shown

9. Axiom® prosthetic components

INSTRUMENTS FOR AXIOM® BL AND AXIOM® TL					PRODUCT REF.
	Hexagonal mandrels			●	INMHECV INMHVLV* INMHXLV
	Medical-grade stainless steel				
	Hexagonal mandrel, short	20 mm			
	Hexagonal mandrel, long	27 mm			
	Hexagonal mandrel, extra-long	35 mm			
	Hexagonal wrenches			●	INCHECV INCHEVLV* INCHEXLV
	Medical-grade stainless steel				
	Hexagonal wrench, short	14 mm			
	Hexagonal wrench, long	21.5 mm			
	Hexagonal wrench, extra-long	29 mm			
	Ball mandrels			●	INBM100S INBM100L* INBM100XL
	Medical-grade stainless steel				
	Ball mandrel, short	20.5 mm			
	Ball mandrel, long	27 mm			
	Ball mandrel, extra-long	35 mm			
	Ball wrenches			●	INBW100S INBW100L* INBW100XL
	Medical-grade stainless steel				
	Ball wrench, short	23 mm			
	Ball wrench, long	29 mm			
	Ball wrench, extra-long	37 mm			
	Angulated access screw gripper			●	AATOOL
	PEEK				
	Angulated access screw gripper				
	Multi-Unit mandrel			●	MUM100* MUM100L
	Medical-grade stainless steel				
	Multi-Unit mandrel	16 mm			
	Multi-Unit mandrel, long	22.5 mm			
	Multi-Unit wrench				MUW100
	Medical-grade stainless steel				
	Multi-Unit wrench	24 mm			
	Multi-Unit holder, short			●	MUWS
	Medical-grade stainless steel				
	Multi-Unit holder, short				
	Dynamometrical ratchet wrench			●	INCCD
	Medical-grade stainless steel				
	Dynamometrical ratchet wrench				
	AxIN® key			●	AXIN-TOOL-AML
	Medical-grade stainless steel				
	AxIN® key				
AXIOM® INSTRUMENT SETS					PRODUCT REF.
	S mandrel prosthetic set				PROTHSET-MS*
	Contains:				
	- 1 Multi-Unit mandrel, short				
	- 1 Hexagonal mandrel, short				
	- 1 Ball mandrel, short				
	L mandrel prosthetic set				PROTHSET-ML
	Contains:				
	- 1 Multi-Unit mandrel, long				
	- 1 Hexagonal mandrel, long				
	- 1 Ball mandrel, long				
	S wrench prosthetic set				PROTHSET-WS*
	Contains:				
	- 1 Multi-Unit wrench				
	- 1 Hexagonal wrench, short				
	- 1 Ball wrench, short				
	L wrench prosthetic set				PROTHSET-WL
	Contains:				
	- 1 Multi-Unit wrench				
	- 1 Hexagonal wrench, long				
	- 1 Ball wrench, long				

* Product shown

● These instruments are not supplied with the INMODOPP3 kit.

INSTRUMENTS FOR AXIOM® BL ONLY			PRODUCT REF.
	Abutment extractor/gripper		
	Medical-grade stainless steel		
	Extractor/gripper, short	32.4 mm	INEXPS*
	Extractor/gripper, long	35.4 mm	INEXPL

AXIOM® TL INSTRUMENTS			PRODUCT REF.
	Mandrels for TL implants and inLink® abutments		
	Medical-grade stainless steel		
	Mandrel, short	19 mm	TIM100S*
	Mandrel, long	29 mm	TIM100L
	Wrenches for TL implants and inLink® abutments		
	Medical-grade stainless steel		
	Wrench, short	22 mm	TIW100S*
	Wrench, long	32 mm	TIW100L
	inLink® removal tool		
	Medical-grade stainless steel		
	inLink® removal tool	●	IL-TOOL1
	inLink® 2 in 1 key		
	Medical-grade stainless steel		
	inLink® 2 in 1 key	●	IL-TOOL2

PROSTHETIC KIT			PRODUCT REF.
	Complete prosthetic kit		
	Contains:		
	- 1 dynamometrical ratchet wrench		
	- 1 Multi-Unit wrench and mandrel, short		
	- 1 hexagonal wrench and mandrel, short		
	- 1 hexagonal wrench and mandrel, long		
	- 1 wrench and mandrel for TL implants, short		
	- 1 wrench and mandrel for TL implants, long		
	- 1 ball wrench and mandrel, short		
	- 1 ball wrench and mandrel, long		
	- 1 extractor/gripper for abutments, short		
	Empty prosthetic kit		INMODOPP3V
	Update kit OPP —> OPP3		
	Contains:		
	- 1 wrench and mandrel for TL implants, short		
	- 1 wrench and mandrel for TL implants, long		
	- 1 ball wrench and mandrel, short		
	- 1 ball wrench and mandrel, long		
	- 1 extractor/gripper for abutments, short		
	Additional tray		
	Empty tray with slots for:		
	- 1 Axiom® dual-function depth gauge OPJC001		
	- 1 drill guide INGFA		
	- 1 surgical dynamometrical wrench INCCDC		
	- 21 other instruments		
			INMODOPSAKV

* Product shown

● These instruments are not supplied with the INMODOPP3 kit.

INSTRUMENTS FOR REMOVABLE LOCATOR® ABUTMENTS		PRODUCT REF.
	LOCATOR® torque wrench insert latch Medical-grade stainless steel LOCATOR® mandrel	O8913
	LOCATOR® wrench Medical-grade stainless steel LOCATOR® manual wrench LOCATOR® 3 in 1 tool	O8260 O8393

INSTRUMENTS FOR REMOVABLE NOVALOC® ABUTMENTS		PRODUCT REF.
	Blue Novaloc® instrument Aluminum/Stainless steel Novaloc® processing insert removal instrument + analog reposition aid	2010.731-NOV
	Brown Novaloc® instrument Aluminum/Stainless steel Novaloc® retention insert instrument	2010.741-NOV
	Black Novaloc® instrument Aluminum/Stainless steel Novaloc® matrix housing extraction instrument	2010.751-NOV
	Equipment box with 3 Novaloc® instruments	2010.101-NOV

INSTRUMENTS FOR REMOVABLE DALBO® ABUTMENTS		PRODUCT REF.
	Mandrel for DALBO® abutments Medical-grade stainless steel DALBO® mandrel, short 20.5 mm DALBO® mandrel, long 27.5 mm	INMOICO* INMOILO
	Wrench for DALBO® abutments Medical-grade stainless steel DALBO® wrench	INCOIO
	DALBO® screwdriver/activator Medical-grade stainless steel DALBO® screwdriver/activator	O72609

* Product shown

● These instruments are not supplied with the INMODOPP3 kit.

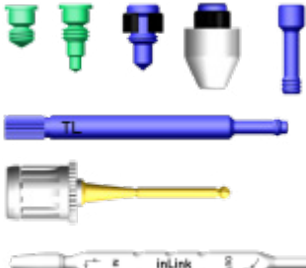
axiom® BL

axiom® TL

10. Lab components

SCAN ADAPTER FOR AXIOM® BL AND AXIOM® TL		PRODUCT REF.
	Scan adapter for Axiom® BL Screw incl. PEEK Indexed scan adapter	152-27-SAA
	Multi-Unit scan adapter Screw incl. PEEK Non-indexed scan adapter Non-indexed scan adapter	Ø4.0 Ø4.8 151-03-SAO* 151-04-SAO
	Scan adapter for Axiom® TL Screw incl. PEEK Indexed scan adapter	156-0X-SAA
	Scan adapter for inLink® and removable bars Screw incl. PEEK Non-indexed scan adapter	156-0X-SAO
	Screwdriver for scan adapter Medical-grade stainless steel Screwdriver for scan adapter	SATOOL-01
	Scan adapter kit for Axiom® Multi Level® Contains: - 1 Scan adapter for Axiom® BL - 1 Scan adapter for Axiom® TL - 4 Multi-Unit scan adapters (Ø4.8) - 4 inLink® scan adapters - 1 screwdriver for scan adapter	151-02-KIT

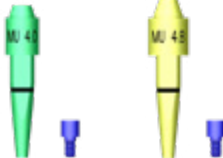
LAB SCREWS		PRODUCT REF.
	Axiom® BL M1.6 lab screw Ti-6Al-4V ELI M1.6 lab screw	OPTS162
	Axiom® TL M1.6 lab screw Ti-6Al-4V ELI Lab screw, long Lab screw, short	TS162 TS163
	Axiom® TL M1.6 lab screw for removable bars Ti-6Al-4V ELI Lab screw for bars, short (pack of 2) Lab screw for bars, long (pack of 2)	TS162P-2 TS163P-2
	Multi-Unit M1.6 screw Ti-6Al-4V ELI Blue Multi-Unit M1.6 screw Blue Multi-Unit M1.6 screw (pack of 4)	OPMU161* OPMU161-4
	Multi-Unit M1.4 screw Ti-6Al-4V ELI Blue Multi-Unit M1.4 screw Blue Multi-Unit angulated access M1.4 screw (pack of 4)	MU141 MUAA142-4
	Multi-Unit lab screw Ti-6Al-4V ELI Multi-Unit lab screw, short Multi-Unit lab screw, long	MUT101 MUT102
	AxIN® lab screw for Axiom® BL Ti-6Al-4V ELI AxIN® lab screw AxIN® lab screw	AXIN152-27SL1* AXIN152-27SL2
	AxIN® lab screw for Axiom® TL Ti-6Al-4V ELI AxIN® lab screw	AXIN156-0X-SL

AXIN® LAB COMPONENTS		PRODUCT REF.
	inLink® lab lock Ti-6Al-4V ELI Lab lock Lab lock (pack of 4)	ILL300 ILL300-4
	Clip-on protection caps Ti-6Al-4V ELI/Delrin® Clip-on protection cap Ø4.0 / N Clip-on protection cap (pack of 4) Ø4.0 / N Clip-on protection cap Ø4.8 / R Clip-on protection cap (pack of 4) Ø4.8 / R	ILPCCN ILPCCN-4 ILPCCR ILPCCR-4
	Screw-on protection caps Ti-6Al-4V ELI/Delrin® Screw-on protection cap Ø4.0 / N Screw-on protection cap (pack of 4) Ø4.0 / N Screw-on protection cap Ø4.8 / R Screw-on protection cap (pack of 4) Ø4.8 / R	ILPCSN ILPCSN-4 ILPCSR ILPCSR-4
	inLink® 2 in 1 key Medical-grade stainless steel inLink® 2 in 1 key for mounting and demounting the lock	IL-TOOL2
	AxIN® lab kit Contains: - 3 standard try-in locks - 1 guiding try-in lock - 4 lab locks - 4 clip-on protection caps - 1 M1.6 screw, long - 1 M1.6 screw, short - 1 inLink® 2 in 1 key - 1 ball mandrel, long	ILLABSTRATKIT

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CHANNEL RODS		PRODUCT REF.
	Channel rods Ti-6Al-4V ELI Ø2.0 mm channel rod (pack of 4) Ø2.5 mm channel rod (pack of 4)	CR20-4 CR25-4*

COMPONENTS FOR INTRAORAL SCAN IMPRESSIONS ON AXIOM® BL IMPLANTS		PRODUCT REF.
	Digital transfers for Axiom® BL M1.6 prosthetic screw incl. Radiopaque PEEK Digital transfer for Axiom® BL	152-27-DT
	Analogs for Multi-Unit 3D-printed models Multi-Unit M1.4 screw incl. Ti-6Al-4V ELI Multi-Unit analog	152-27-PA

COMPONENTS FOR INTRAORAL SCAN IMPRESSIONS ON MULTI-UNIT IMPLANTS		PRODUCT REF.
	Multi-Unit digital transfers M1.4 prosthetic screw incl. Radiopaque PEEK Axiom® Multi-Unit digital transfer Ø4.0 Axiom® Multi-Unit digital transfer Ø4.8	151-04-DT-MUN 151-03-DT-MU
	Analogs for Multi-Unit 3D-printed models Multi-Unit M1.4 screw incl. Ti-6Al-4V ELI Multi-Unit analog Ø4.0 Multi-Unit analog Ø4.8	151-04-PA 151-03-PA

COMPONENTS FOR INTRAORAL SCAN IMPRESSIONS ON AXIOM® TL IMPLANTS		PRODUCT REF.
	Digital transfers for Axiom® TL M1.6 prosthetic screw incl. Radiopaque PEEK Digital transfer for Axiom® TL Ø4.0 / N Digital transfer for Axiom® TL Ø4.8 / R	156-01-DT 156-02-DT
	Digital transfer for inLink® Locks incl. Radiopaque PEEK Digital transfer for inLink® Ø4.0 / N Digital transfer for inLink® Ø4.8 / R	156-01-DT-IL 156-02-DT-IL
	Analogs for Multi-Unit 3D-printed models Ti-6Al-4V ELI Axiom® TL analog Ø4.0 / N Axiom® TL analog Ø4.8 / R	151-01-PA 151-02-PA

INSTRUMENTS FOR INTRAORAL SCAN IMPRESSIONS		PRODUCT REF.
	Wrench for analogs 2 caps incl. Medical-grade stainless steel/Delrin® Wrench for analogs	PA-TOOL-01
	Caps for analog wrench Black Delrin® Caps for wrench (pack of 2)	PA-TOOL-01CAP

axiom® BL

axiom® TL

* Product shown

● These instruments are not supplied with the INMODOPP3 kit.

ABBREVIATIONS

Gh = gingival height

Ch = coronal height

xx° = abutment/coping angulation

Øx.x = base/abutment base diameter

N = Ø4.0 platform

R = Ø4.8 platform

NOTES



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