healfit® SH

ANTHOGYR
A Straumann Group Brand

TABLE OF CONTENTS

boneLEVEL   tissueLEVEL
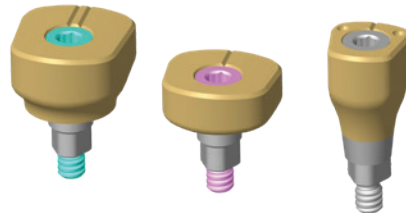
HEALFIT® SH RANGE

1. Presentation

A. RANGE OVERVIEW

Heal, Shape, Take the impression, all of this with a single, turnkey solution.

Healfit® SH comes with a range of 34 healing screw references, all scannable & anatomical, for your single-unit restorations on Axiom® Bone Level and Axiom® Tissue Level implants.
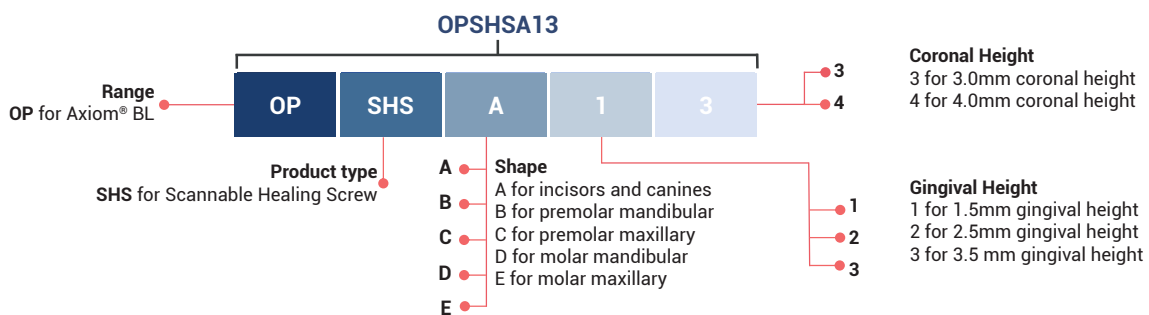
Based on the study of hundreds of tooth profiles, the 5 Healfit® SH anatomical shapes have been designed to heal consistency to the natural tooth while preserving bone and tissue volumes, making them the partner for immediate protocols.

Open software solution available in the main CAD CAM softwares, Healfit® SH offers the flexibility of a conventional or digital impression taking, with a workflow accessible for both prosthetic restoration in labside or in Anthogyr's centralized milling center.
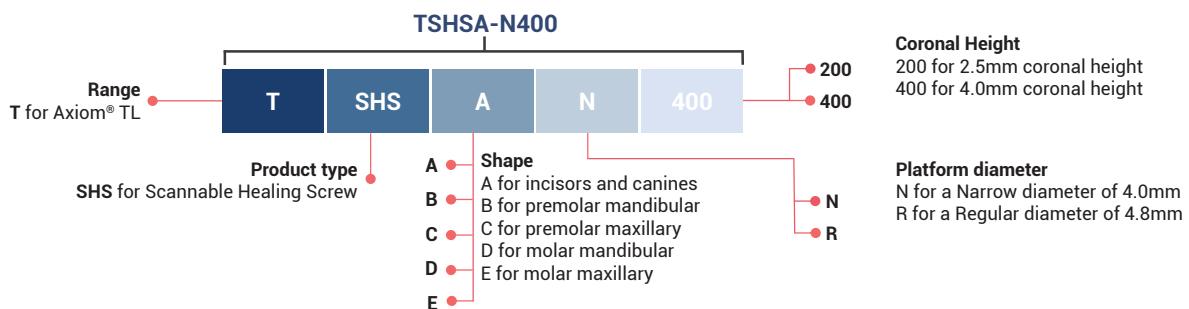
B. CODIFICATION

COMPOSITION OF HEALFIT® SH BL REFERENCES

OPSHSA13

| OP | SHS | A | 1 | 3 |

Range
OP for Axiom® BL

Product type
SHS for Scannable Healing Screw

Shape
A for incisors and canines
B for premolar mandibular
C for premolar maxillary
D for molar mandibular
E for molar maxillary

Coronal Height
3 for 3.0mm coronal height
4 for 4.0mm coronal height

Gingival Height
1 for 1.5mm gingival height
2 for 2.5mm gingival height
3 for 3.5 mm gingival height

COMPOSITION OF HEALFIT® SH TL REFERENCES

TSHSA-N400

| T | SHS | A | N | 400 |

Range
T for Axiom® TL

Product type
SHS for Scannable Healing Screw

Shape
A for incisors and canines
B for premolar mandibular
C for premolar maxillary
D for molar mandibular
E for molar maxillary

Coronal Height
200 for 2.5mm coronal height
400 for 4.0mm coronal height

Platform diameter
N for a Narrow diameter of 4.0mm
R for a Regular diameter of 4.8mm

C. COLOR CODES FOR PROSTHETIC PARTS

Before opening the packaging, always check the prosthetic part information.
For easy identification of the product range, colour codes have been added on the pictogram displayed on the label.
These colour codes are consistent with the ones already used for implant identification.

| Healfit® SH label example dedicated to Axiom® BL implants	Healfit® SH label example dedicated to Axiom® TL implants

All prosthetic parts come with removable, repositionable traceability labels which must be included in the patient record. They must be saved in the patient's medical file.

D. HEALFIT® SH IDENTIFICATION

To identify the different Healfit® SH, we put some indicators directly on the product.

HEALFIT® SH BL INDICATORS

Grooves = CH indicator
Must be orientated on vestibular side
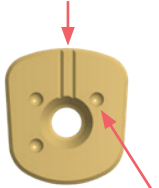
Points = GH indicator

Grooves = Screw length indicator according to the gingival height of the Healfit® SH
1 for gingival height 1.5 + coronary height 3
2 for gingival height 2.5 + coronary height 3
3 for gingival height 3.5 + coronary height 3
4 for gingival height 3.5 + coronary height 4

Screw colour = Implant type indicator
Grey for Axiom® BL

HEALFIT® SH TL INDICATORS

Grooves = CH indicator
Must be orientated on vestibular side
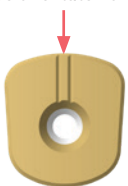
Grooves = Screw length indicator according to the coronal height of the Healfit® SH

Screw colour = Implant type indicator
Pink for Axiom® TL N platform
Blue for Axiom® TL R platform

FULL RANGE VISUALISATION

		SHAPE				
GH	CH	A	B	C	D	E
1.5	3.0					
2.5	3.0					
3.5	3.0					
3.5	4.0					

HEALFIT® SH BL

		SHAPE				
Platform	CH	A	B	C	D	E
N – 4.0	2.5					
N – 4.0	4.0					
R – 4.8	2.5					
R – 4.8	4.0					

HEALFIT® SH TL

2. Implants connections

A.   AXIOM® BL

With a single diameter 2.7mm prosthetic connection, the Healfit® SH BL range is compatible with all Axiom® BL implants, regardless of the chosen implant diameter, implant length and implant profile (REG, PX, X3).

- 2.7 mm diameter emergence prosthetic.
- Extended, indexed tri-lobe morse-taper connection.
- M1.6 thread.

Healfit® SH BL body

Healfit® SH BL screw
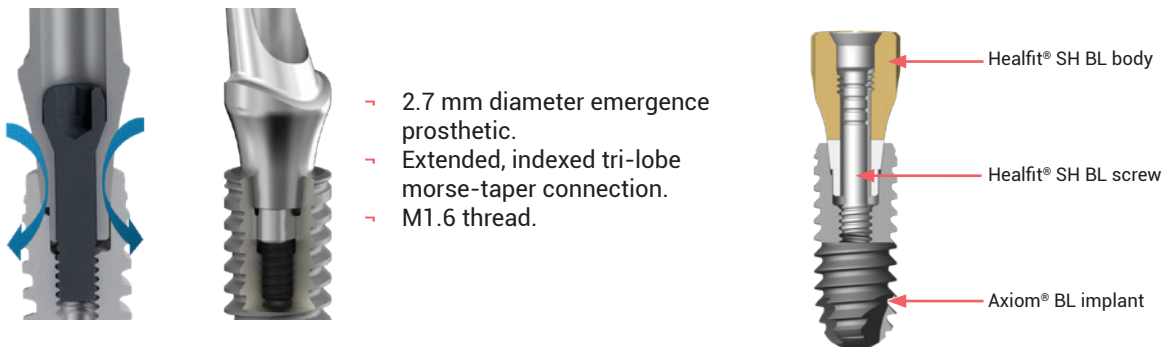
Axiom® BL implant

B. AXIOM® TL

The Axiom® TL implants have two connections, those connection are the same regardless of the chosen implant diameter, implant length and the implant profile (REG, PX, X3). The Healfit® SH TL range is compatible with all Axiom® TL implants using the indexed M1.6 connection described below:

inLink® connection
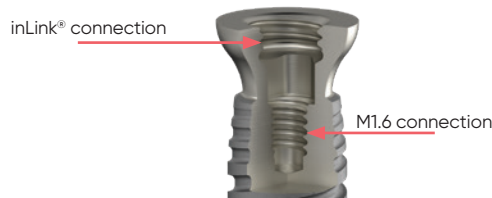
M1.6 connection

INLINK® CONNECTION:

¬ For full arch screw-retained fixed restorations.
¬ 2 platform diameters: (N: Ø4.0 and 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.

Prosthesis

Retaining ring

Lock (guiding)

Axiom® TL implant
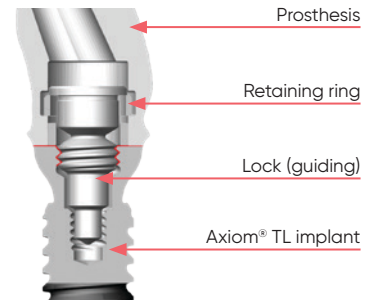
INDEXED M1.6 CONNECTION:

¬ For single- and multiple-unit screw-retained restorations.
¬ 2 platform diameters: (N: Ø4.0 and R: Ø4.8).
¬ Three-lobed indexed connection.
¬ Screw-in fixation (screw).
¬ M1.6 thread.

Healfit® SH TL body

Healfit® SH TL screw

Axiom® TL implant

Prosthesis

Axiom® TL M1.6 screw

Axiom® TL implant
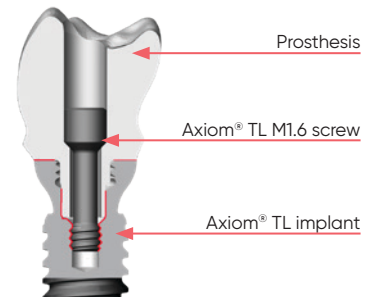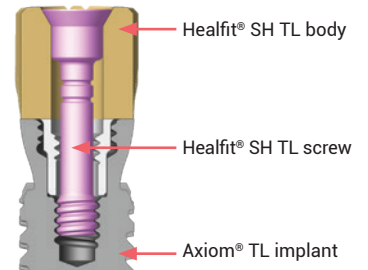
INTERNAL M1.6 FLAT CONNECTION:

¬ For multiple-unit screw-retained restorations or removable overdentures.
¬ 2 platform diameters: (N: Ø4.0 and R: Ø4.8).
¬ Flat non-indexed connection.
¬ Screw-in fixation (screw).
¬ M1.6 thread.

Prosthesis

Axiom® TL M1.6 screw for multiple-unit

Axiom® TL implant
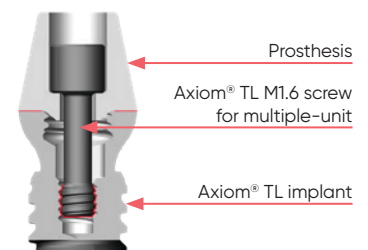
CHOICE OF THE HEALFIT® SH

1. Recommended anatomical shape depending on tooth position

Healfit® SH is available in different anatomical shapes to allow tissue restoration closer to the natural tooth shape. As described in the following figure, we recommend those choices:

Shape A for:
- Incisor in maxillary and mandibular
- Canine in maxillary and mandibular

Shape B for Premolar in mandibular
Shape C for Premolar in maxillary
Shape D for Molar in mandibular
Shape E for Molar in maxillary
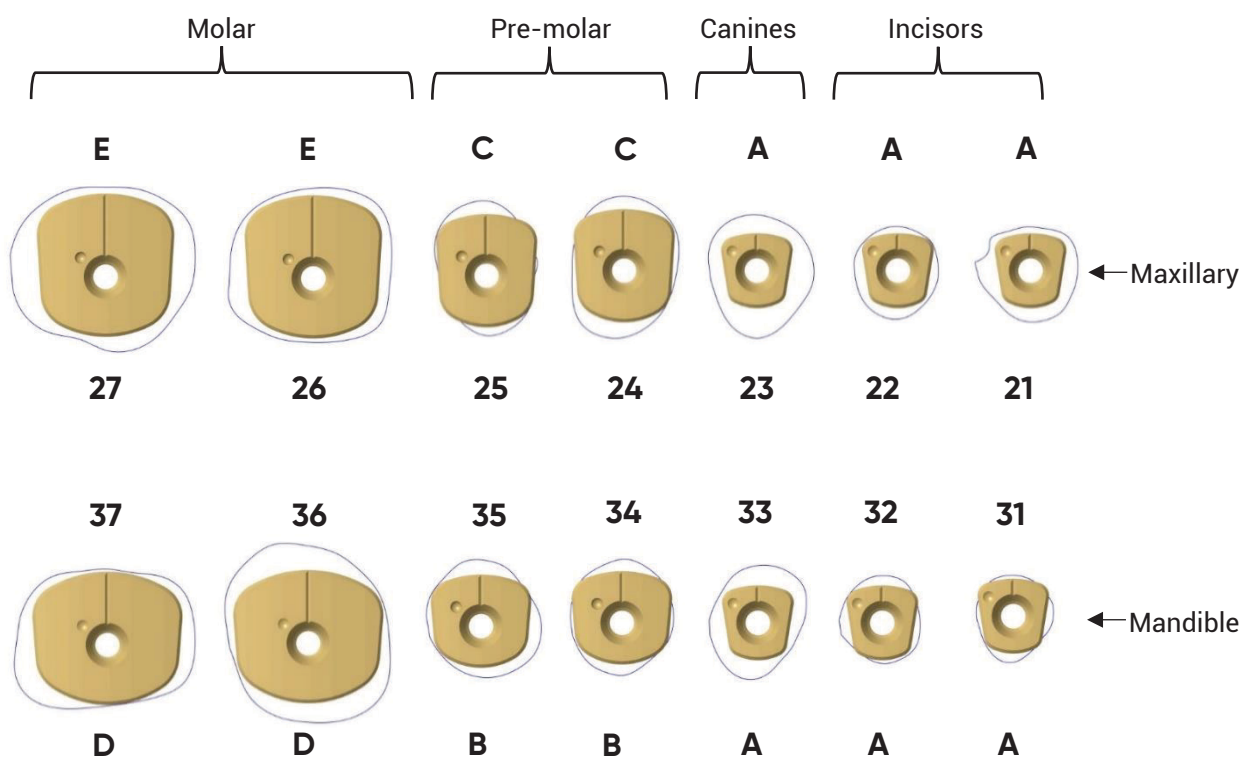
2. Healfit® SH dimensions

HEALFIT® SH BL:
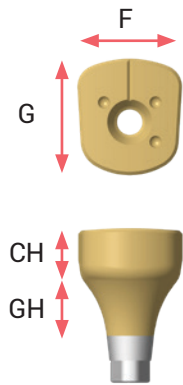
Shape	F	G	GH	CH	Healfit® SH reference
A	4.5	4.5	1.5	3.0	OPSHSA13
	4.5	4.5	2.5	3.0	OPSHSA23
	4.5	4.5	3.5	3.0	OPSHSA33
	4.5	4.5	3.5	4.0	OPSHSA34
B	6.2	5.6	1.5	3.0	OPSHSB13
	6.2	5.6	2.5	3.0	OPSHSB23
	6.2	5.6	3.5	3.0	OPSHSB33
	6.2	5.6	3.5	4.0	OPSHSB34
C	6.2	6.8	1.5	3.0	OPSHSC13
	6.2	6.8	2.5	3.0	OPSHSC23
	6.2	6.8	3.5	3.0	OPSHSC33
	6.2	6.8	3.5	4.0	OPSHSC34
D	9.2	8.0	1.5	3.0	OPSHSD13
	9.2	8.0	2.5	3.0	OPSHSD23
	9.2	8.0	3.5	3.0	OPSHSD33
	9.2	8.0	3.5	4.0	OPSHSD34
E	8.4	8.6	1.5	3.0	OPSHSE13
	8.4	8.6	2.5	3.0	OPSHSE23
	8.4	8.6	3.5	3.0	OPSHSE33
	8.4	8.6	3.5	4.0	OPSHSE34

HEALFIT® SH TL:
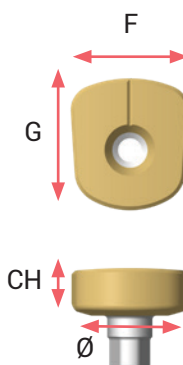
Shape	F	G	Ø Platform	CH	Healfit® SH reference
A	4.5	4.5	N	2.5	TSHSA-N200
	4.5	4.5	N	4.0	TSHSA-N400
B	6.2	5.6	N	2.5	TSHSB-N200
	6.2	5.6	N	4.0	TSHSB-N400
	6.2	5.6	R	2.5	TSHSB-R200
	6.2	5.6	R	4.0	TSHSB-R400
C	6.2	6.8	N	2.5	TSHSC-N200
	6.2	6.8	N	4.0	TSHSC-N400
	6.2	6.8	R	2.5	TSHSC-R200
	6.2	6.8	R	4.0	TSHSC-R400
D	9.2	8.0	R	2.5	TSHSD-R200
	9.2	8.0	R	4.0	TSHSD-R400
E	8.4	8.6	R	2.5	TSHSE-R200
	8.4	8.6	R	4.0	TSHSE-R400

boneLEVEL tissueLEVEL

3. Healfit® SH height requirement

To allow a good quality and precision on impression taking or scan, we recommend placing the Healfit® SH 1.5mm above soft tissue.
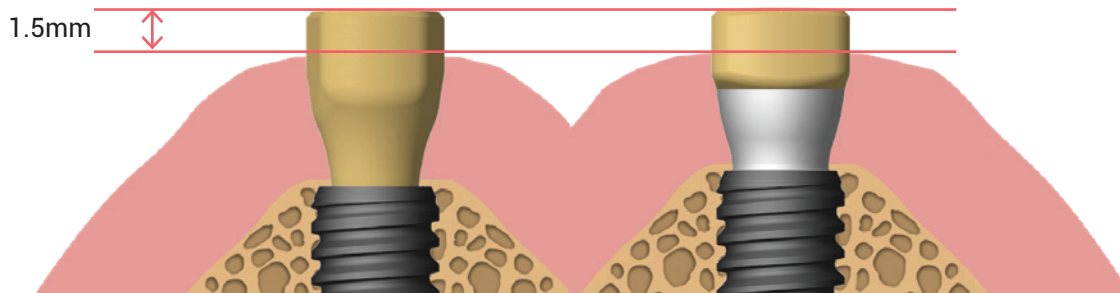
4. Compatibility

A.   COMPATIBILITY BETWEEN HEALFIT® SH BL AND FLEXIBASE® BL

				Flexibase® BL					
				Ø4.0			Ø5.0		
				GH1.5	GH2.5	GH3.5	GH1.5	GH2.5	GH3.5
				CH3.5	CH3.5	CH3.5	CH3.5	CH3.5	CH3.5
				OPFLEX413	OPFLEX423	OPFLEX433	OPFLEX513	OPFLEX523	OPFLEX533
Healfit® SH BL	Shape A	GH1.5 CH3	OPSHSA13	✔					
		GH2.5 CH3	OPSHSA23		✔				
		GH3.5 CH3	OPSHSA33			✔			
		GH3.5 CH4	OPSHSA34			✔			
	Shape B	GH1.5 CH3	OPSHSB13				✔		
		GH2.5 CH3	OPSHSB23					✔	
		GH3.5 CH3	OPSHSB33						✔
		GH3.5 CH4	OPSHSB34						✔
	Shape C	GH1.5 CH3	OPSHSC13				✔		
		GH2.5 CH3	OPSHSC23					✔	
		GH3.5 CH3	OPSHSC33						✔
		GH3.5 CH4	OPSHSC34						✔
	Shape D	GH1.5 CH3	OPSHSD13						
		GH2.5 CH3	OPSHSD23						
		GH3.5 CH3	OPSHSD33						
		GH3.5 CH4	OPSHSD34						
	Shape E	GH1.5 CH3	OPSHSE13						
		GH2.5 CH3	OPSHSE23						
		GH3.5 CH3	OPSHSE33						
		GH3.5 CH4	OPSHSE34						

boneLEVEL   tissueLEVEL

B.   COMPATIBILITY BETWEEN HEALFIT® SH BL AND X-BASE® BL

			X-Base® BL, straight and Angulated Access								
			Ø4.0			Ø5.0			Ø6.0		
		CH4 / CH6 / CH4 AA / CH4 AA U / CH6 AA / CH6 AA U	GH1.5	GH2.5	GH3.5	GH1.5	GH2.5	GH3.5	GH1.5	GH2.5	GH3.5
			OPFLEX414 OPFLEX416 OPFLEX414-AA OPFLEX414-AAU OPFLEX416-AA OPFLEX416-AAU	OPFLEX424 OPFLEX426 OPFLEX424-AA OPFLEX424-AAU OPFLEX426-AA OPFLEX426-AAU	OPFLEX434 OPFLEX436 OPFLEX434-AA OPFLEX434-AAU OPFLEX436-AA OPFLEX436-AAU	OPFLEX514 OPFLEX516 OPFLEX514-AA OPFLEX514-AAU OPFLEX516-AA OPFLEX516-AAU	OPFLEX524 OPFLEX526 OPFLEX524-AA OPFLEX524-AAU OPFLEX526-AA OPFLEX526-AAU	OPFLEX534 OPFLEX536 OPFLEX534-AA OPFLEX534-AAU OPFLEX536-AA OPFLEX536-AAU	OPFLEX614 OPFLEX616 OPFLEX614-AA OPFLEX614-AAU OPFLEX616-AA OPFLEX616-AAU	OPFLEX624 OPFLEX626 OPFLEX624-AA OPFLEX624-AAU OPFLEX626-AA OPFLEX626-AAU	OPFLEX634 OPFLEX636 OPFLEX634-AA OPFLEX634-AAU OPFLEX636-AA OPFLEX636-AAU
Shape A	GH1.5 CH3	OPSHSA13	✓								
	GH2.5 CH3	OPSHSA23		✓							
	GH3.5 CH3	OPSHSA33			✓						
	GH3.5 CH4	OPSHSA34			✓						
Shape B	GH1.5 CH3	OPSHSB13				✓					
	GH2.5 CH3	OPSHSB23					✓				
	GH3.5 CH3	OPSHSB33						✓			
	GH3.5 CH4	OPSHSB34						✓			
Shape C	GH1.5 CH3	OPSHSC13				✓					
	GH2.5 CH3	OPSHSC23					✓				
	GH3.5 CH3	OPSHSC33						✓			
	GH3.5 CH4	OPSHSC34						✓			
Shape D	GH1.5 CH3	OPSHSD13							✓		
	GH2.5 CH3	OPSHSD23								✓	
	GH3.5 CH3	OPSHSD33									✓
	GH3.5 CH4	OPSHSD34									✓
Shape E	GH1.5 CH3	OPSHSE13							✓		
	GH2.5 CH3	OPSHSE23								✓	
	GH3.5 CH3	OPSHSE33									✓
	GH3.5 CH4	OPSHSE34									✓

Healfit® SH BL (left side label)

AA = Angulated Access
AAU = Angulated Access, U-version

C.   COMPATIBILITY BETWEEN HEALFIT® SH BL AND SINGLE-UNIT FLEXIBASE® & X-BASE® TL

				Flexibase® TL Platform N	X-Base® Platform N					
				CH3.5	CH4.0			CH6.0		
				IN	IN	IN AA	IN AA U	IN	IN AA	IN AA U
				TFLEX-N	TFLEX-N4-S	TFLEX-N4-SAA	TFLEX-N4-SAAU	TFLEX-N6-S	TFLEX-N6-SAA	TFLEX-N6-SAAU
Healfit® SH TL Plateform N	Shape A	CH2.5	TSHSA-N200							
		CH4	TSHSA-N400							
	Shape B	CH2.5	TSHSB-N200				✓			
		CH4	TSHSB-N400							
	Shape C	CH2.5	TSHSC-N200							
		CH4	TSHSC-N400							

				Flexibase® TL Platform R	X-Base® TL Platform R					
				CH3.5	CH4.0			CH6.0		
				IN	IN	IN AA	IN AA U	IN	IN AA	IN AA U
				TFLEX-R	TFLEX-R4-S	TFLEX-R4-SAA	TFLEX-R4-SAAU	TFLEX-R6-S	TFLEX-R6-SAA	TFLEX-R6-SAAU
Healfit® SH TL Plateform R	Shape B	CH2.5	TSHSB-R200				✓			
		CH4	TSHSB-R400							
	Shape C	CH2.5	TSHSC-R200							
		CH4	TSHSC-R400							
	Shape D	CH2.5	TSHSD-R200							
		CH4	TSHSD-R400							
	Shape E	CH2.5	TSHSE-R200							
		CH4	TSHSE-R400							

IN = Indexed
AA = Angled Access
Note: Healfit® SH TL healing screws are not compatible with titanium bases TL for multi-unit restorations.

5. Planification

It is important to perform a pre-clinical assessment and treatment plan that considers the anatomical constraints to select the most appropriate Healfit® SH.

A.   USING IMPLANT PLANNING SOFTWARE:

EXAMPLE OF COMPATIBLE SOFTWARES

Some implant planning software packages available on the market contain Healfit® SH library, and the integration of this library has been checked.

boneLEVEL   tissueLEVEL

B.   USING HEALFIT® SH HEIGHT GAUGE:

To choose the most adapted Healfit® SH regarding the clinical case after implant placement, you can use the Healfit® gauge.

Characteristics:
¬ Delivered non sterile
¬ Reusable
¬ Height gauge for Healfit® SH BL and Healfit® SH TL

PRINCIPLE OF OPERATION OF TEST INSTRUMENT:

TL side
1st line: Ch 2.5mm
2nd line: Ch 4.0mm

BL side
1st line: Gh 1.5 + Ch 3
2nd line: Gh 2.5 + Ch 3
3rd line: Gh 3.5 + Ch 3
4th line: Gh 3.5 + Ch 4

PROTOCOLE FOR USE:

¬ Place the BL side or the TL side of the height gauge into the Axiom® BL or the Axiom® TL implant to determine the most suitable Healfit® SH height. The grooves on the gauge correspond to the available Healfit® heights and correspond to the limit of the gingiva to ensure a 1.5 mm overhang.

BL side
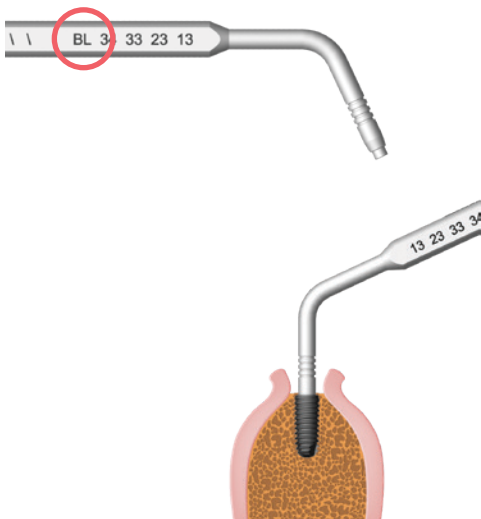
TL side
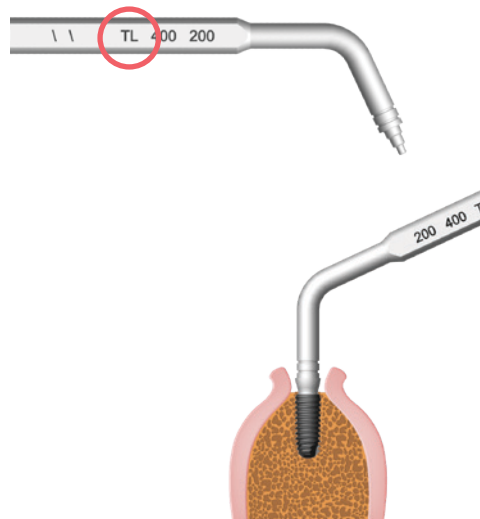
¬ Choose the reference of the most suitable Healfit® SH, taking care that the selected reference will exceed the gingiva by at least select 1.5 mm.

1.5mm
Limit of gingiva

1.5mm
Limit of gingiva

PLACEMENT OF HEALFIT® SH BL

Characteristics:
¬ For single unit restoration on Axiom® BL implants
¬ Delivered sterile
¬ Single-use
¬ M1.6 screw and main body delivered disassembled
¬ Anti-rotational interface

1. Choice of the Healfit® SH BL

Choice of five anatomical shapes (A, B, C, D, E), three gingival heights (1.5, 2.5, 3.5 mm) and two coronal heights (3.0, 4.0 mm).
Please refer to the § "Choice of the Healfit® SH" p. 8

2. Placement of the Healfit® SH BL on the implant
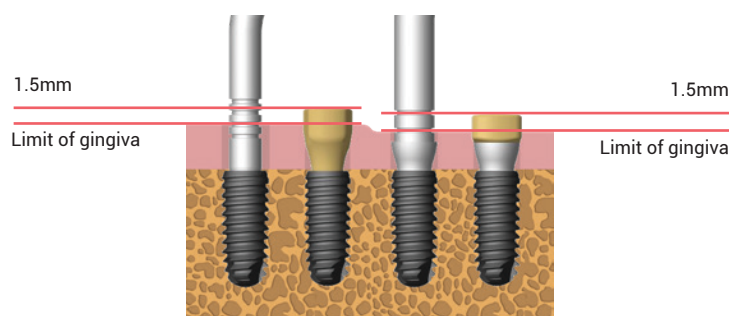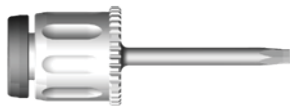
NECESSARY EQUIPMENT

Manual surgical wrench
OPCS100
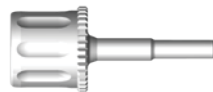
OPTIONAL
Axiom® BL abutment gripper
INEXPS / INEXPL

Healfit® SH BL
Catalogue p.46

PROTOCOL FOR USE

Option 1

¬ Place the body of the Healfit® SH into the implant (with Axiom® BL abutment gripper INEXPS / INEXPL if needed), ensuring that the groove(s) located on the top surface of the Healfit® SH are orientated towards the vestibule.

¬ Place the M1.6 screw in the body of the Healfit® SH using the manual surgical wrench OPCS100.

¬ Tighten the M1.6 screw of the Healfit® SH manually (<10N.cm) using the manual surgical wrench OPCS100, without forcing the healing screw in the implant.

¬ Suture around the Healfit® SH to begin the healing period, ensuring that the coronal part exceeds the soft tissue by at least 1.5 mm to allow future impression taking.

Option 2

¬ Assemble the screw and the body of the Healfit® SH out of the patient's mouth.

¬ Place the Healfit® SH assembled into the implant using the manual surgical wrench OPCS100 ensuring that the groove(s) located on the top surface of the Healfit® SH are orientated towards the vestibule.

¬ Tighten the M1.6 screw of the Healfit® SH manually (<10N.cm) using the manual surgical wrench OPCS100, without forcing the healing screw in the implant.

¬ Suture around the Healfit® SH to begin the healing period, ensuring that the coronal part exceeds the soft tissue by at least 1.5 mm to allow future impression taking.
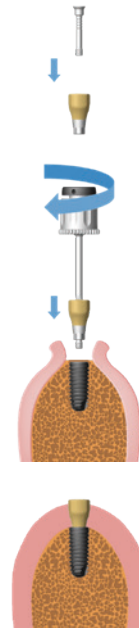
3. Impression taking

REQUIREMENTS

¬ Ensure that the Healfit® SH is fully screwed into the implant. In case of any doubt, take peri-apical radiographs perpendicular to the connections.
¬ Ensure that the coronal part exceeds the soft tissue by at least 1.5 mm.

DIGITAL IMPRESSION

¬ Digitalisation of the sector, the opposite sector and the bite.
¬ Control the scan quality.
¬ For more information, please refer to LABSIDE user guide.

Please note:

It is necessary to transmit the Healfit® SH reference to the laboratory.

CONVENTIONAL IMPRESSION

At the dental office:

¬ Take a conventional impression using a commercial impression tray.
¬ Send it to the laboratory.

Please note:

It is necessary to transmit the Healfit® SH reference to the laboratory.

At the dental office:

¬ Digitalise the master cast using a laboratory scanner.

DESIGN AND MANUFACTURE OF THE PROSTHESIS

¬ Design the model in the chosen CAD software.
¬ If necessary, print the model then insert the printed analogs using the specific wrench.
¬ Manufacture the prosthesis.

4. Removal of the Healfit® SH BL from the implant

¬ After the healing phase, connect a hexagonal wrench to the M1.6 screw of the Healfit® SH.
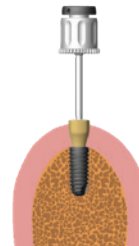
Option 1

¬ Manually unscrew the M1.6 screw from the implant and remove the healing screw.
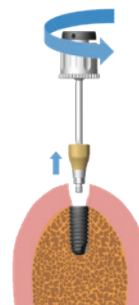
Option 2

¬ If needed, the Axiom® BL abutment extractor INEXPS / INEXPL can be used after full removal of the M1.6 screw to ease the removal of a Healfit® SH BL stuck in an Axiom® BL implant.
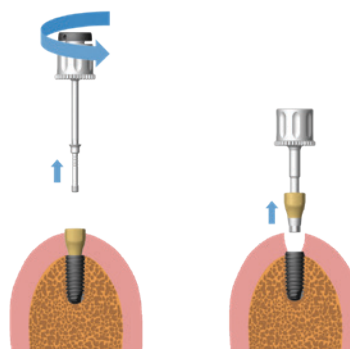
PLACEMENT OF HEALFIT® SH TL

Characteristics:
¬ For single unit restoration on Axiom® TL implants
¬ Delivered sterile
¬ Single-use
¬ M1.6 screw delivered assembled (captive screw)
¬ Anti-rotational interface

1. Choice of the Healfit® SH TL

Choice of five anatomical shapes (A, B, C, D, E), two platforms (N/Ø4.0 and R/Ø4.8) and two coronal heights (2.5, 4.0 mm).
Please refer to the § "Choice of the Healfit® SH" p. 8

2. Placement of the Healfit® SH TL on the implant

NECESSARY EQUIPMENT
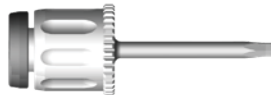
Manual surgical wrench
OPCS100

Healfit® SH TL
Catalogue p.47

PROTOCOL FOR USE:

¬ Place the Healfit® SH assembled into the implant using the manual surgical wrench OPCS100, ensuring that the groove(s) located on the top surface of the Healfit® SH are orientated towards the vestibule.

¬ Tighten the M1.6 screw of the Healfit® SH manually (<10N.cm) using the manual surgical wrench OPCS100, without forcing the healing screw in the implant.

¬ Suture around the Healfit® SH to begin the healing period, ensuring that the coronal part exceeds the soft tissue by at least 1.5 mm to allow future impression taking.

tissueLEVEL

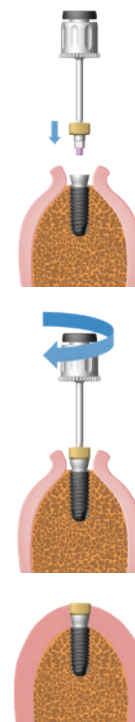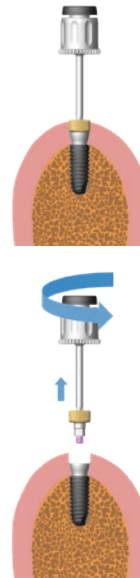# 3. Impression taking

Please refer to §"Impression taking" p.15

4. Removal of the Healfit® SH TL from the implant

¬ After the healing phase, connect a hexagonal wrench to the M1.6 screw of the Healfit® SH.

¬ Manually unscrew the M1.6 screw from the implant and remove the healing screw.

DESIGN & MANUFACTURE OF THE UNITARY PROSTHETIC RESTORATION

Please refer to LABSIDE user guide.

HEALFIT® SH LIBRARIES

1. CAD libraries installation

A. EXOCAD

Please note:

If you are updating the "Labside Healfit® SH BL" library, be sure to remove all files from previous "Healfit® SH BL" library.

If you are updating the "Labside Healfit® SH TL" library, be sure to remove all files from previous "Healfit® SH TL" library.

When downloading the library, please select the library version according to you Exocad version. For example, filter **"Exocad-Elefsina" for Elefsina and later version**.

INSTALLATION

¬ Unzip the first zip file:

| Zip File Name:	Folders contained:
Anthogyr_Labside_HealfitSH_BL_exoCAD_VX.XX.XX.zip	¬ **Anthogyr_Labside_HealfitSH_BL_exoCAD__VX.XX.XX.zip** ¬ README_Healfit_SH_manual_link.pdf
Anthogyr_Labside_HealfitSH_TL_exoCAD_VX.XX.XX.zip	¬ **Anthogyr_Labside_HealfitSH_TL_exoCAD_VX.XX.XX.zip** ¬ README_Healfit_SH_manual_link.pdf

¬ Unzip the second zip file:

Zip File Name:	Folders contained:
Anthogyr_Labside_HealfitSH_BL_exoCAD_VX.XX.XX.zip	¬ Anthogyr-Labside-HealfitSH-BL ¬ Anthogyr-Labside-ModelCreator
Anthogyr_Labside_HealfitSH_TL_exoCAD_VX.XX.XX.zip	¬ Anthogyr-Labside-HealfitSH-TL ¬ Anthogyr-Labside-ModelCreator

To find the ExoCAD® location on your PC, do a right click on the DentalCADApp icon and select "open file location".
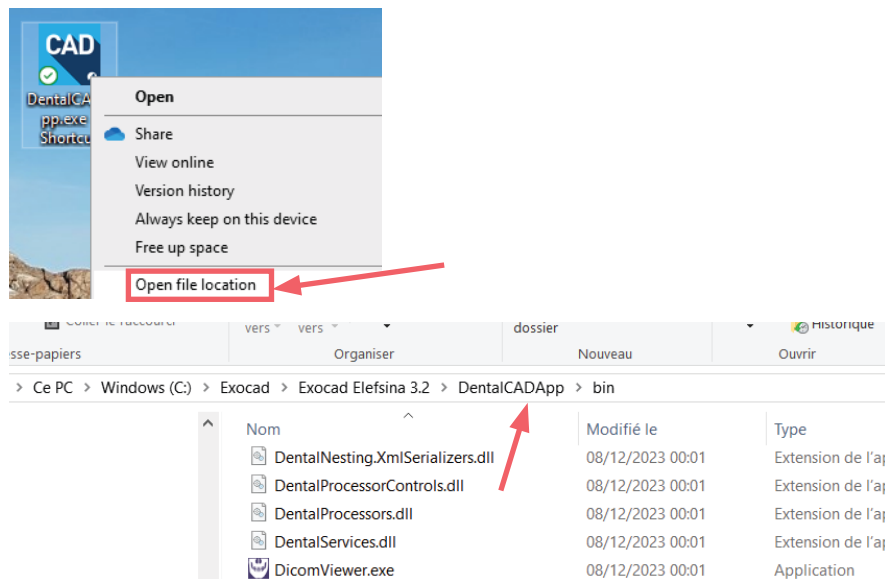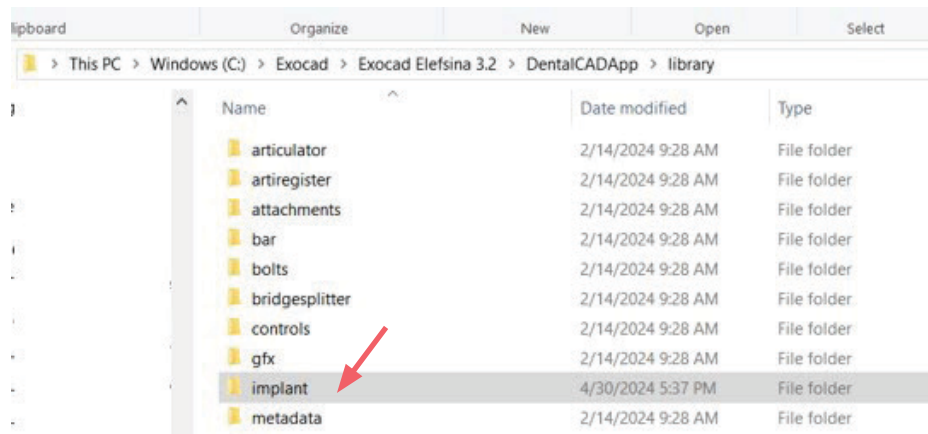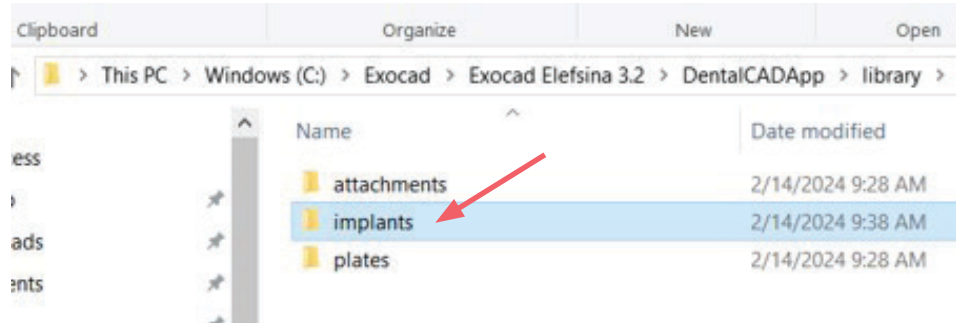
¬ Open the DentalCADApp directory:

¬ Open the "library" folder:
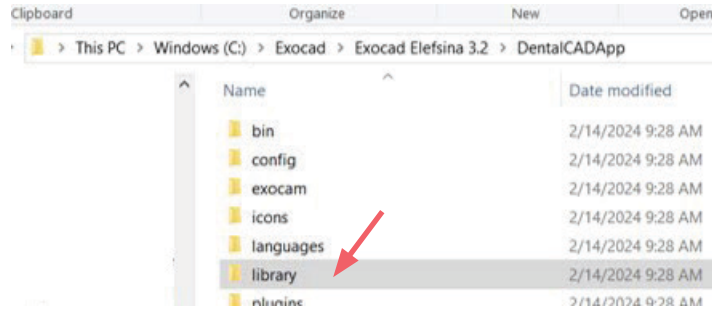
¬ Paste the Healfit® SH BL and Healfit® SH TL folders inside the "implant" folder
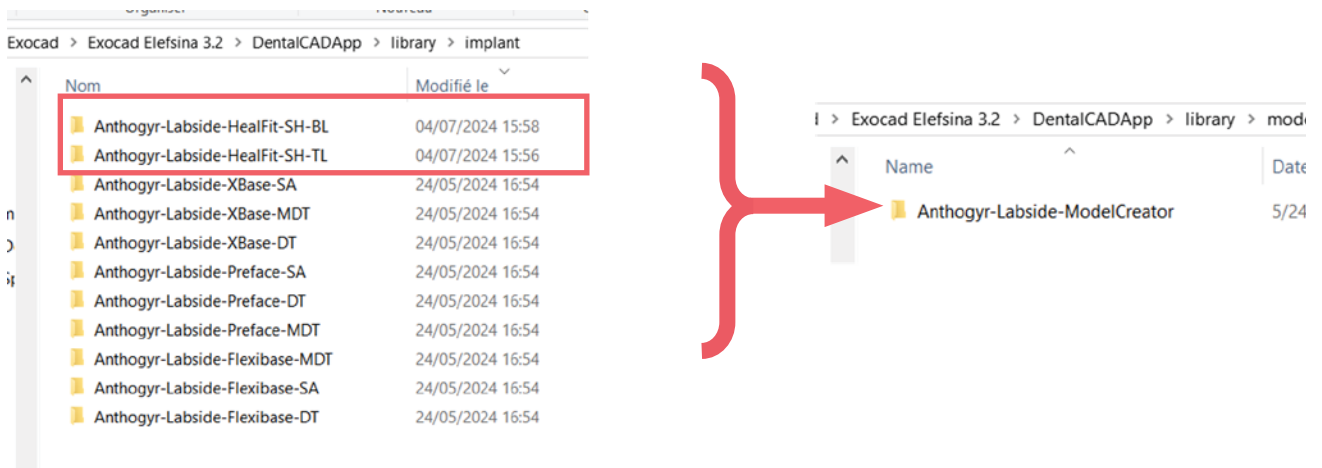

¬ Paste the Anthogyr_Labside_ModelCreator folder in the "\modelcreator\implants" folder:

Please note:

If you have installed other Anthogyr Healfit® SH libraries and other Anthogyr libraries (Anthogyr Labside Flexibase®, Anthogyr Labside PreFace and Anthogyr Labside X-Base® libraries), you should have only one Anthogyr Labside Model Creator folder:

B. 3SHAPE

Please ensure that you select the correct library that is compatible with your software version. When downloading the Healfit® SH library from our website, please **select the filter that corresponds to your version of 3Shape**. For example, the filter "2023" for 3Shape version 2023.

File name and minimum needed version:

¬ Anthogyr_Labside_HealfitSH_BL_20xx_3shape_VX.XX.XX version 20xx.
¬ Anthogyr_Labside_HealfitSH_TL_20xx_3shape_VX.XX.XX version 20xx.

Please note:

If you are updating the "Anthogyr Labside Healfit® SH BL" library, be sure to remove all files from previous "Healfit® SH BL" library.

If you are updating the "Anthogyr Labside Healfit® SH TL" library, be sure to remove all files from previous "Healfit® SH BL" library.

INSTALLATION

Unzip the zip file according to the 3Shape version:

Zip File Name :	Folders contained:
Anthogyr_Labside_HealfitSH_BL_3Shape_VX.XX.XX.zip	¬ Anthogyr_Labside_HealfitSH_BL_3Shape_VX.XX.XX.dme ¬ README_Healfit_SH_manual_link.pdf
Anthogyr_Labside_HealfitSH_TL_3Shape_VX.XX.XX.zip	¬ Anthogyr_Labside_HealfitSH_TL_3Shape_VX.XX.XX.dme ¬ README_Healfit_SH_manual_link.pdf

¬ Open 3Shape® Dental System Control Panel.
¬ Go to Import/ Export:
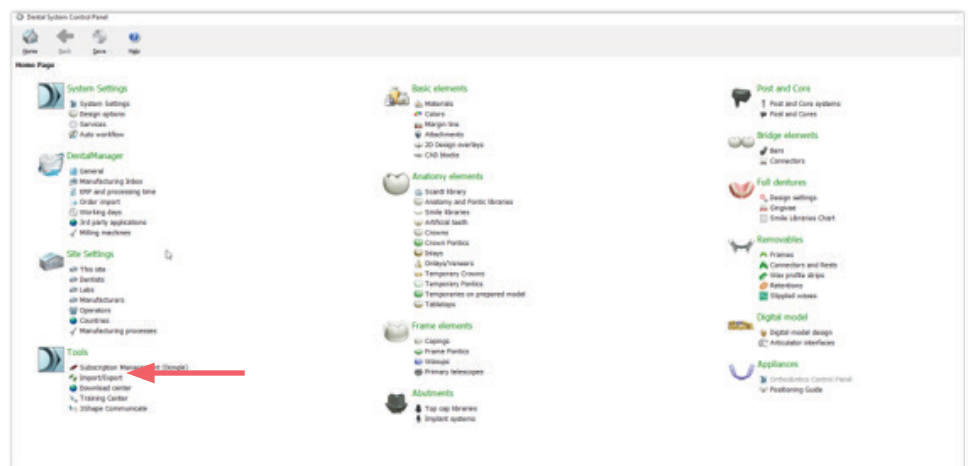
¬ Import the dme file: Click on import materials and select the dme file.

¬ Save and close the control panel.
¬ Restart the dental CAD system.

C. DENTALWINGS/CARES

Please note:

If you have a "lifetime license" please contact your reseller.

DentalWings and CARES® Visual libraries are updated directly from the software:
Please open the Straumann Dental Desktop software and click on "update".
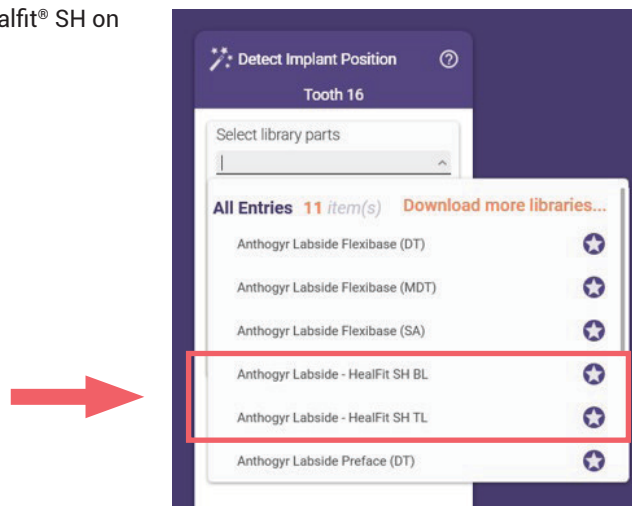On the right-side column, updates are detailed.
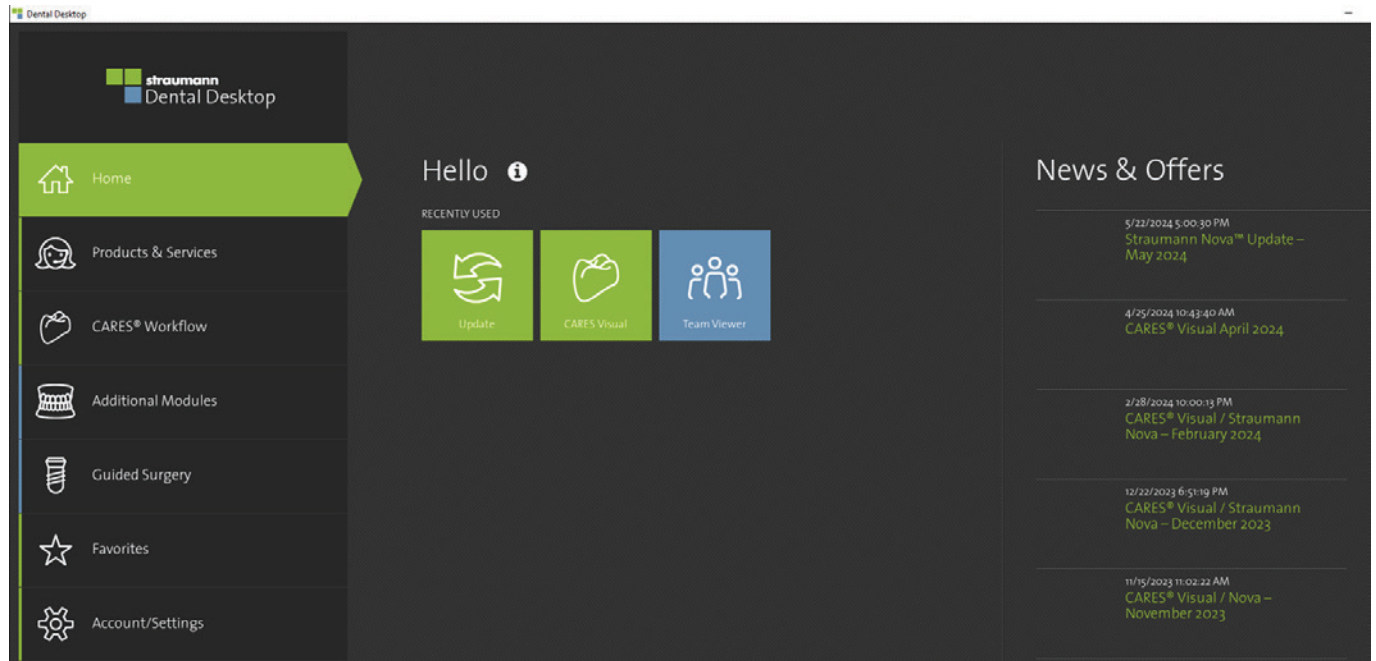
2. CAD libraries' structure

A. EXOCAD

2 different libraries: Healfit® SH **BL** and Healfit® SH **TL**.

¬ Please, select the library according to the Healfit® SH on patient's mouth.

¬ In the second level, please select the Healfit® SH reference patient's mouth and the type of abutment restauration desired: Flexibase®, X-Base® Straight, X-Base® Angulated or PreFace.
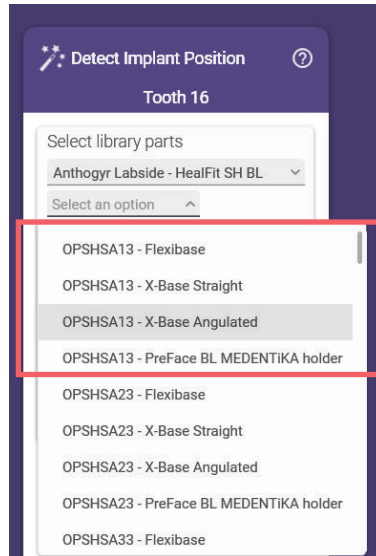
Example of type of abutment restauration for an OPSHSA13

¬ In the last level, please select the abutments desired for the restauration. For more details see examples below.
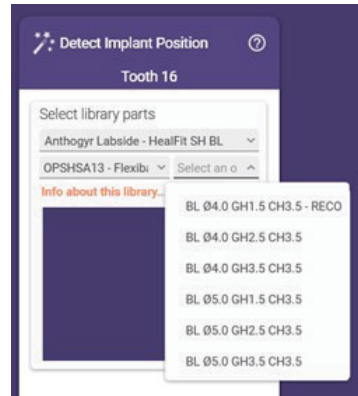
ZOOM ON HEALFIT® SH BL

The library is divided in Healfit® SH reference then titanium base range. Below some examples:

Example of the structure with Healfit® SH BL for Flexibase®

Structure on all Exocad versions

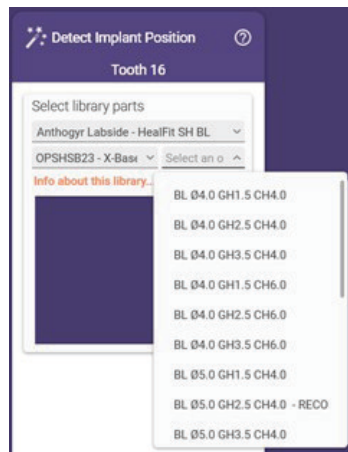These levels are for use Healfit® SH BL range compatible with Flexibase®.

In this example, the Flexibase® recommended to use with the OPSHSA13 is called "RECO". For all the others Healfit® SH BL references, all the Flexibase® that are recommended, included "RECO" at the end of the name.

Example of the structure with Healfit® SH BL for X-Base® straight

Structure on all Exocad versions

These levels are for use Healfit® SH BL range compatible with X-Base® (straight screw channel only).

In this example, the X-Base® recommended to use with the OPSHSB23 is called "RECO". For all the others Healfit® SH BL references, all the X-Base® that are recommended, included "RECO" at the end of the name.

boneLEVEL   tissueLEVEL

Example of the structure with Healfit® SH BL for Angulated Access X-Base®

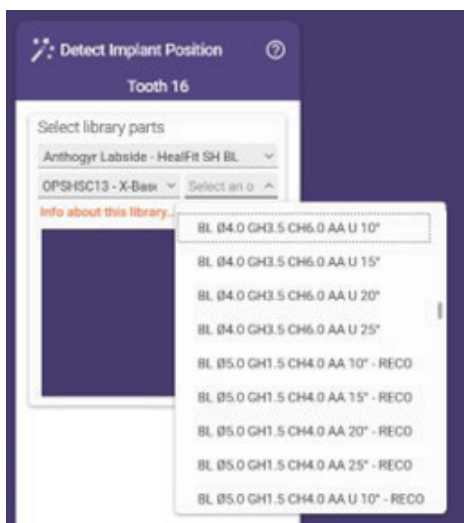| Structure on Exocad Rijeka and older versions	Structure on Exocad Elefsina and later versions
These levels are for use Healfit® SH BL range compatible with X-Base® (angulated screw channel only, in standard and U version).	These levels are for use Healfit® SH BL range compatible with X-Base® (angulated screw channel only, in standard and U version).
In this example, the X-Base® recommended to use with the OPSHSC13 is called "RECO". For all the others Healfit® SH BL references, all the X-Base® that are recommended, included "RECO" at the end of the name.	In this example, the X-Base® recommended to use with the OPSHSC13 is called "RECO". For all the others Healfit® SH BL references, all the X-Base® that are recommended, included "RECO" at the end of the name.

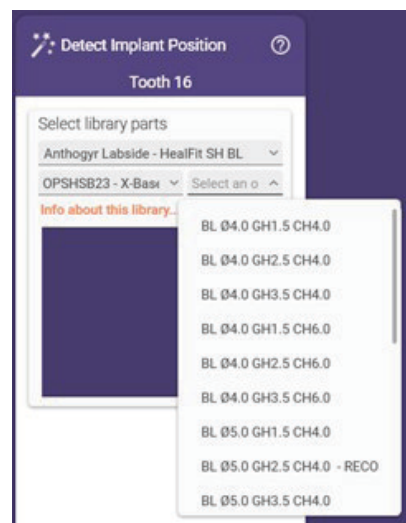**Only angulations of 10°, 15°, 20° and 25° are available.**

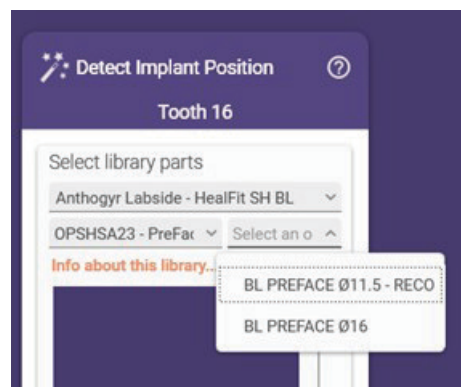**All angulations from 0° to 25° are available.**

Example of the structure with Healfit® SH BL for PreFace BL MEDENTIKA holder

Structure on all Exocad versions

These levels are for use Healfit® SH BL range compatible with BL PreFace Medentika holder.

In this example, the PreFace recommended to use with the OPSHA23 is called "RECO". For all the others Healfit® SH BL references, all the PreFace that are recommended, included "RECO" at the end of the name.
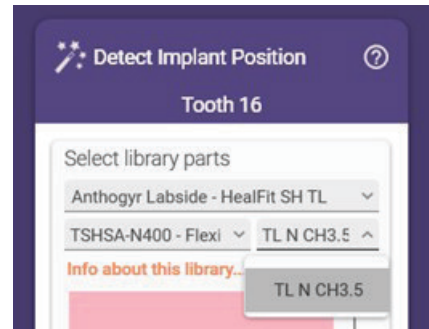
ZOOM ON HEALFIT® SH TL

Example of the structure with Healfit® SH TL for Flexibase®
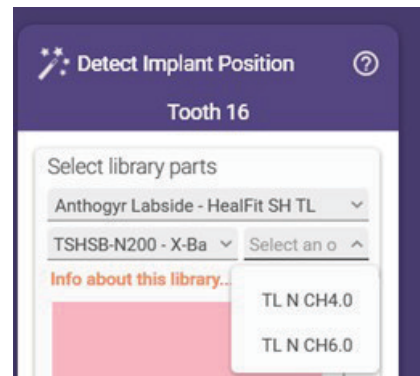
Structure on all Exocad versions

These levels are for use Healfit® SH TL range compatible with Flexibase®.

Example of the structure with Healfit® SH TL for X-Base® straight

Structure on all Exocad versions

These levels are for use Healfit® SH TL range compatible with X-Base® (straight screw channel only).
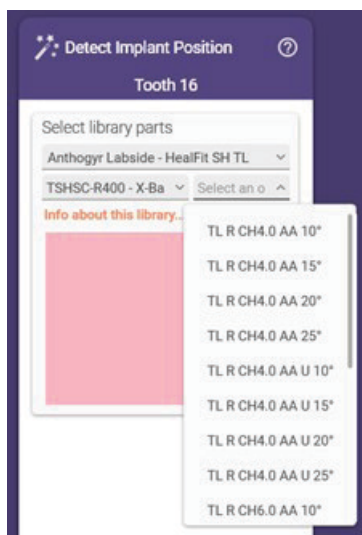

Example of the structure with Healfit® SH TL for Angulated Access X-Base®

| **Structure on Exocad Rijeka and older versions**	**Structure on Exocad Elefsina and later versions**
These levels are for use Healfit® SH TL range compatible with X-Base® (angulated screw channel only, in standard and U version).	These levels are for use Healfit® SH TL range compatible with X-Base® (angulated screw channel only, in standard and U version).
Only angulations of 10°, 15°, 20° and 25° are available.	**All angulations from 0° to 25° are available.**
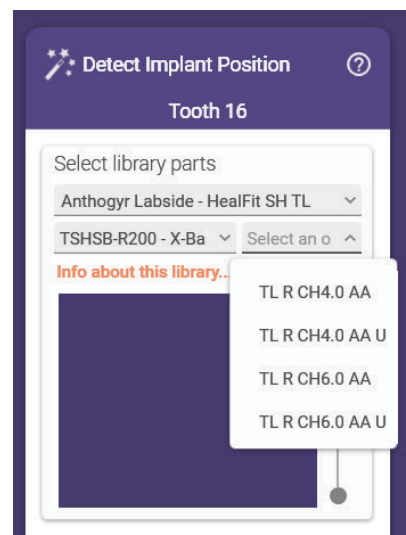
Example of the structure with Healfit® SH TL for PreFace TL MEDENTIKA holder
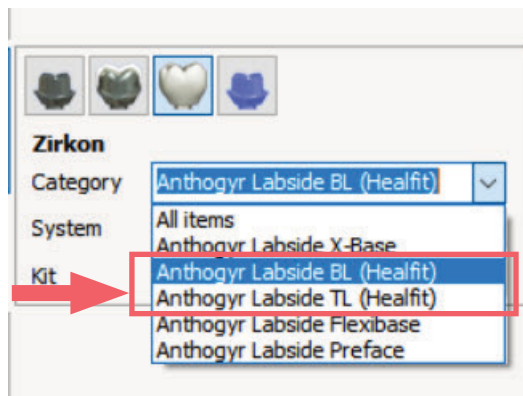
Structure on all Exocad versions

These levels are for use Healfit® SH TL range compatible with TL PreFace Medentika holder.
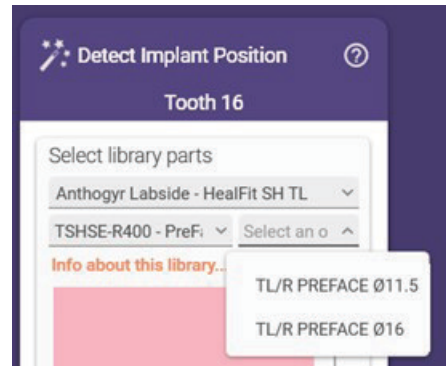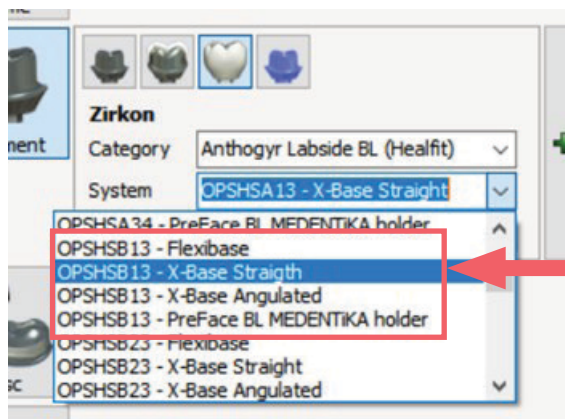

B. 3SHAPE

2 different libraries are available: Healfit® SH **BL** and Healfit® SH **TL**

¬ Please, select the library according to the Healfit® SH on patient's mouth

¬ In the second level, please select the Healfit® SH reference patient's mouth and the type of abutment restauration desired: Flexibase®, X-Base® Straight, X-Base® Angulated or PreFace.

Example of type of abutment restauration for an OPSHSB13

¬ In the last level, please select the abutments desired for the restauration. For more details see examples below.

ZOOM ON HEALFIT® SH BL

Example of the structure for Healfit® SH BL for Flexibase®

These levels are for use Healfit® SH BL range compatible with Flexibase®.

In this example, the Flexibase® recommended to use with the OPSHSA13 is called "RECO". For all the others Healfit® SH BL references, all the Flexibases that are recommended, included "RECO" at the end of the name.

Example of the structure for Healfit® SH BL for X-Base® Straight

These levels are for use Healfit® SH BL range compatible with X-Base® (straight screw channel only).

In this example, the X-Base® recommended to use with the OPSHSB23 is called "RECO". For all the others Healfit® SH BL references, all the X-Base® that are recommended, included "RECO" at the end of the name.

Example of the structure for Healfit® SH BL for Angulated Access X-Base®

These levels are for use Healfit® SH BL range compatible with X-Base® (angulated screw channel only, in standard and U version).

In this example, the X-Base® recommended to use with the OPSHSC13 is called "RECO". For all the others Healfit® SH BL references, all the X-Base® that are recommended, included "RECO" at the end of the name.

Example of the structure for Healfit® SH BL for PreFace BL MEDENTIKA holder

These levels are for use Healfit® SH BL range compatible with BL PreFace Medentika holder.

In this example, the PreFace recommended to use with the OPSHA23 is called "RECO". For all the others Healfit® SH BL references, all the X-Base® that are recommended, included "RECO" at the end of the name.

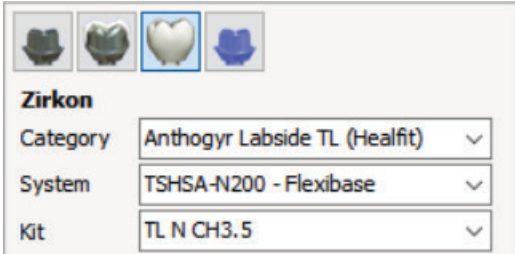| Zirkon	
Category	Anthogyr Labside BL (Healfit)
System	OPSHSA23 - PreFace BL MEDENT
Kit	BL PREFACE Ø11.5 - Reco
	BL PREFACE Ø11.5 - Reco
	BL PREFACE Ø16

ZOOM ON HEALFIT® SH TL

Example of the structure for Healfit® SH TL for Flexibase®

These levels are for use Healfit® SH TL range compatible with Flexibase®.

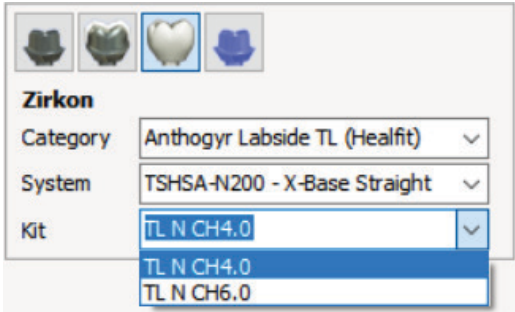| Zirkon	
Category	Anthogyr Labside TL (Healfit)
System	TSHSA-N200 - Flexibase
Kit	TL N CH3.5

Example of the structure for X-Base® Straight

These levels are for use Healfit® SH TL range compatible with X-Base® (straight screw channel only).

Zirkon	
Category	Anthogyr Labside TL (Healfit)
System	TSHSA-N200 - X-Base Straight
Kit	TL N CH4.0
	TL N CH4.0
	TL N CH6.0
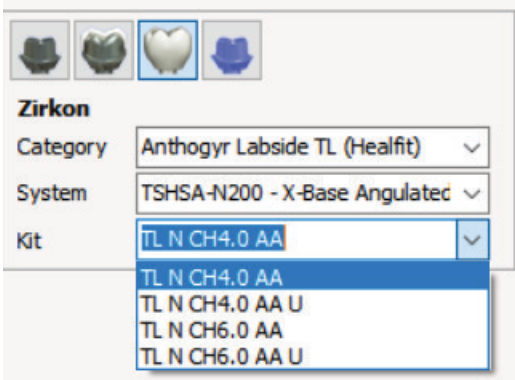
Example of the structure for Healfit® SH TL for Angulated Access X-Base®

These levels are for use Healfit® SH TL range compatible with X-Base® (angulated screw channel only, in standard and U version).

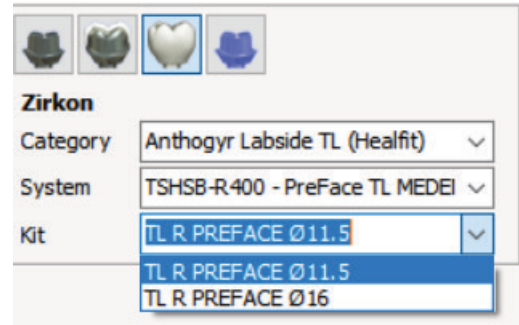| Zirkon	
Category	Anthogyr Labside TL (Healfit)
System	TSHSA-N200 - X-Base Angulated
Kit	TL N CH4.0 AA
	TL N CH4.0 AA
	TL N CH4.0 AA U
	TL N CH6.0 AA
	TL N CH6.0 AA U

Example of the structure for Healfit® SH TL for PreFace BL MEDENTIKA holder

These levels are for use Healfit® SH TL range compatible with TL PreFace Medentika holder.

For the design specificities on X-Base® abutments please refer to LABSIDE User Guide

C. DENTALWINGS - CARES

¬ Please, fill the order form as usual

¬ Add the scan files required

¬ In the scanbody selection, please select the Healfit® SH reference patient's mouth.
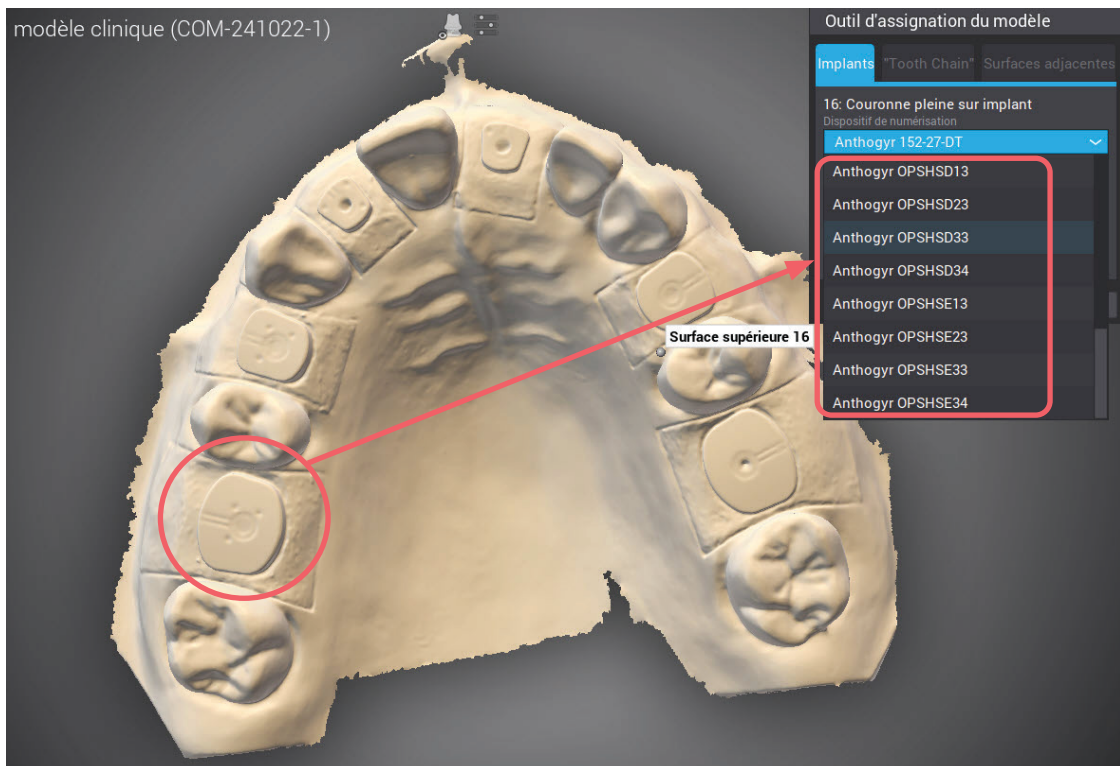
¬ Continue the design workflow as usual.

Please refer to LABSIDE user guide for library structure and the design specifities on X-Base® abutments.

ZOOM ON SCANBODY SELECTION:

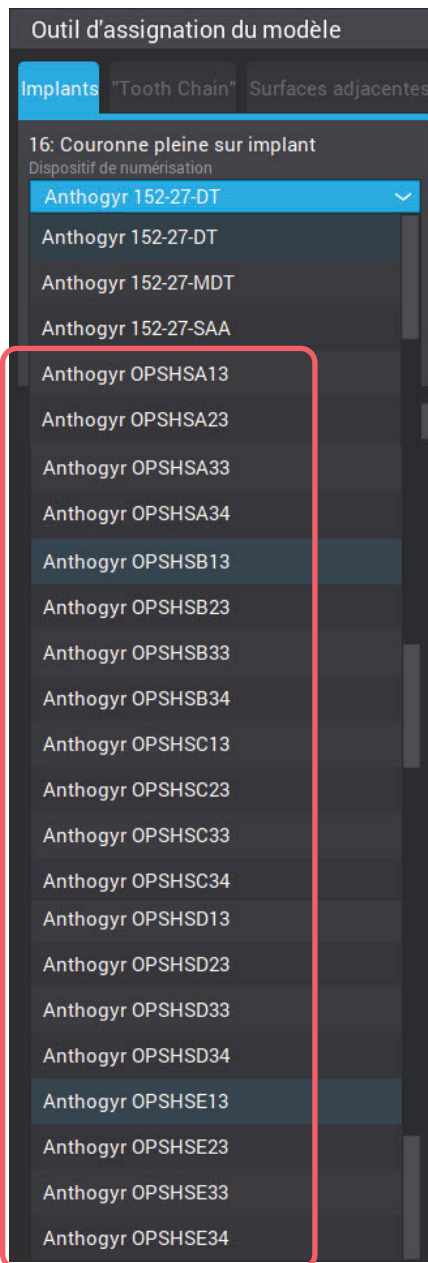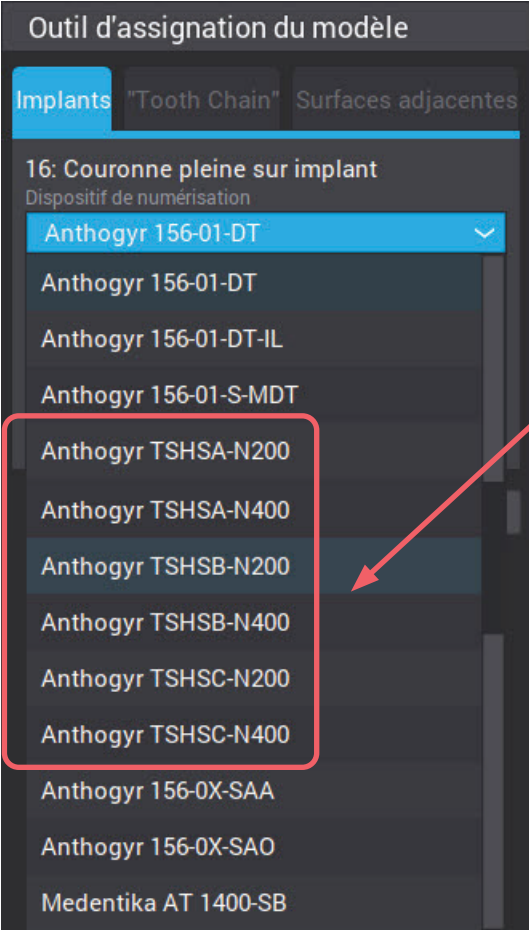Healfit® SH references will appear according to the implant compatibility:
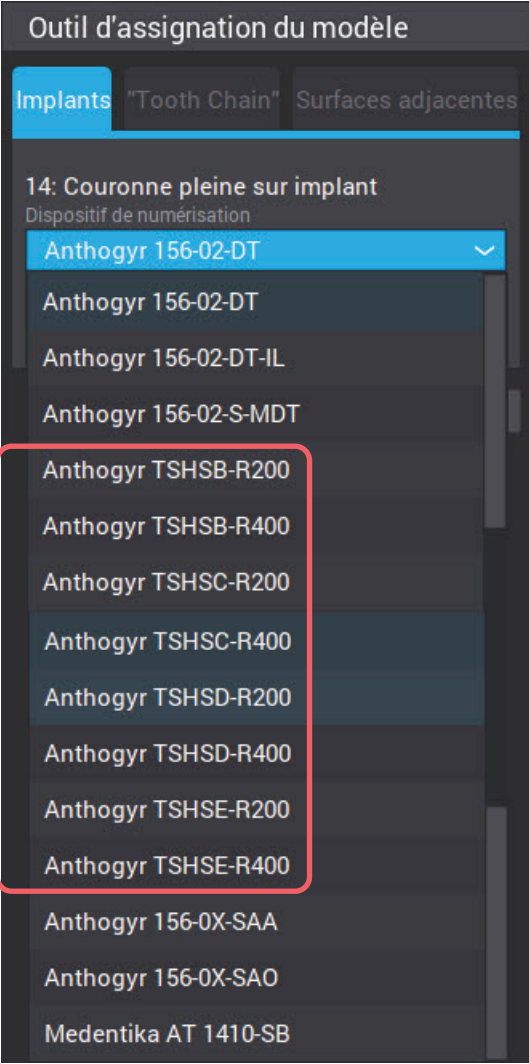
Example on Axiom® BL implant:

Healfit® SH compatibles

boneLEVEL   tissueLEVEL

Example on Axiom® TL implant with N platform:

Example on Axiom® TL implant with R platform:

Outil d'assignation du modèle

Implants "Tooth Chain" Surfaces adjacentes

16: Couronne pleine sur implant
Dispositif de numérisation
Anthogyr 156-01-DT

Anthogyr 156-01-DT
Anthogyr 156-01-DT-IL
Anthogyr 156-01-S-MDT
Anthogyr TSHSA-N200
Anthogyr TSHSA-N400
Anthogyr TSHSB-N200
Anthogyr TSHSB-N400
Anthogyr TSHSC-N200
Anthogyr TSHSC-N400
Anthogyr 156-0X-SAA
Anthogyr 156-0X-SAO
Medentika AT 1400-SB

Healfit® SH
compatibles

Outil d'assignation du modèle

Implants "Tooth Chain" Surfaces adjacentes

14: Couronne pleine sur implant
Dispositif de numérisation
Anthogyr 156-02-DT

Anthogyr 156-02-DT
Anthogyr 156-02-DT-IL
Anthogyr 156-02-S-MDT
Anthogyr TSHSB-R200
Anthogyr TSHSB-R400
Anthogyr TSHSC-R200
Anthogyr TSHSC-R400
Anthogyr TSHSD-R200
Anthogyr TSHSD-R400
Anthogyr TSHSE-R200
Anthogyr TSHSE-R400
Anthogyr 156-0X-SAA
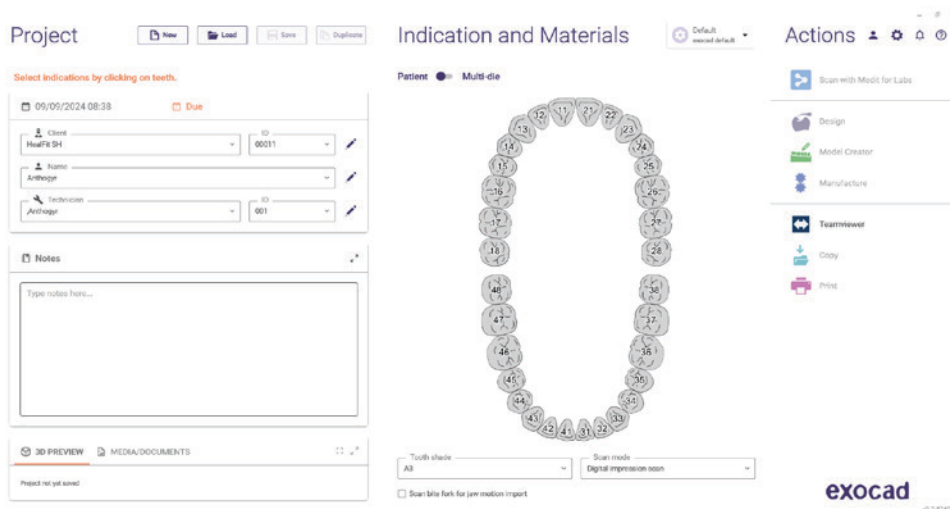Anthogyr 156-0X-SAO
Medentika AT 1410-SB

3. Copying the gingival profile

A. EXOCAD

There are two ways for design the gingival profile of the prosthesis according to the shape of the Healfit® SH chosen:

Option 1: semi-automatic with additional file

1.   Fill the order form as usual: Client, name, technician….

2.   Choose the tooth:

   a.   In the next window: choose the type of restauration, the material desired and other settings as in the picture below.

   It is important to select **"Pre-op model"** in the Additional Scan section, this will allow the software to fit the gingival shape of the prosthesis according to the Healfit® SH selected.

   The steps will be as follow: (a) Type of crown > (b) Material > (c) Shade > (d) Screw-retained > (e) Pre-op model > (f) Scan Body in Main Scan.
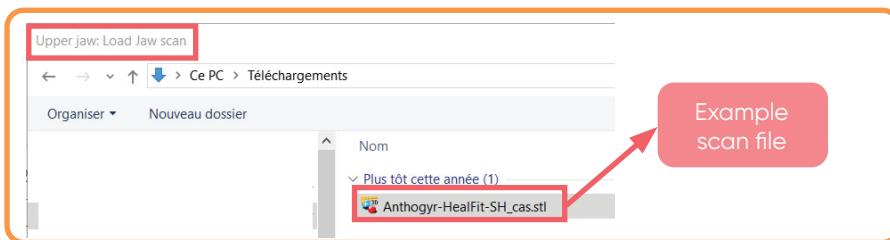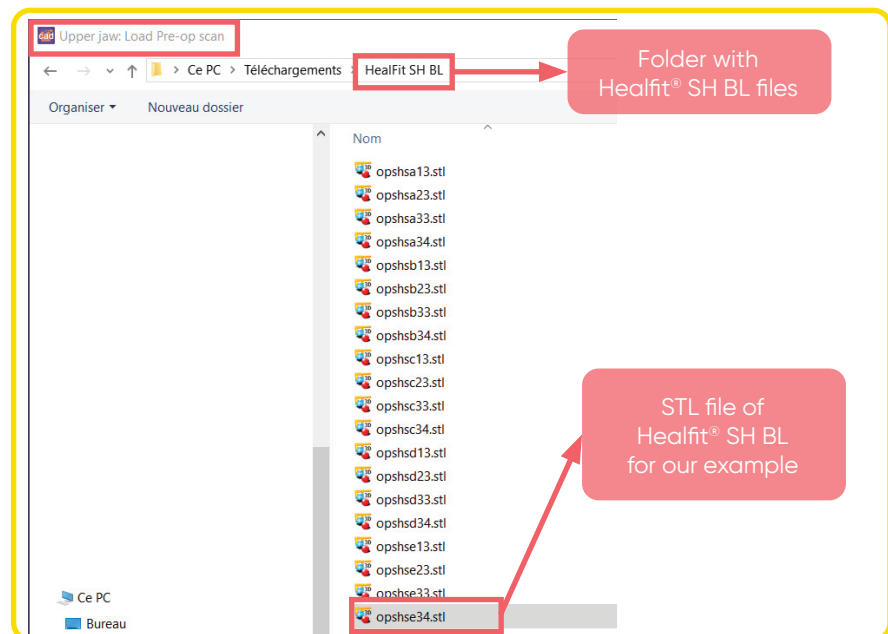
   Click on OK once all the settings are filled.
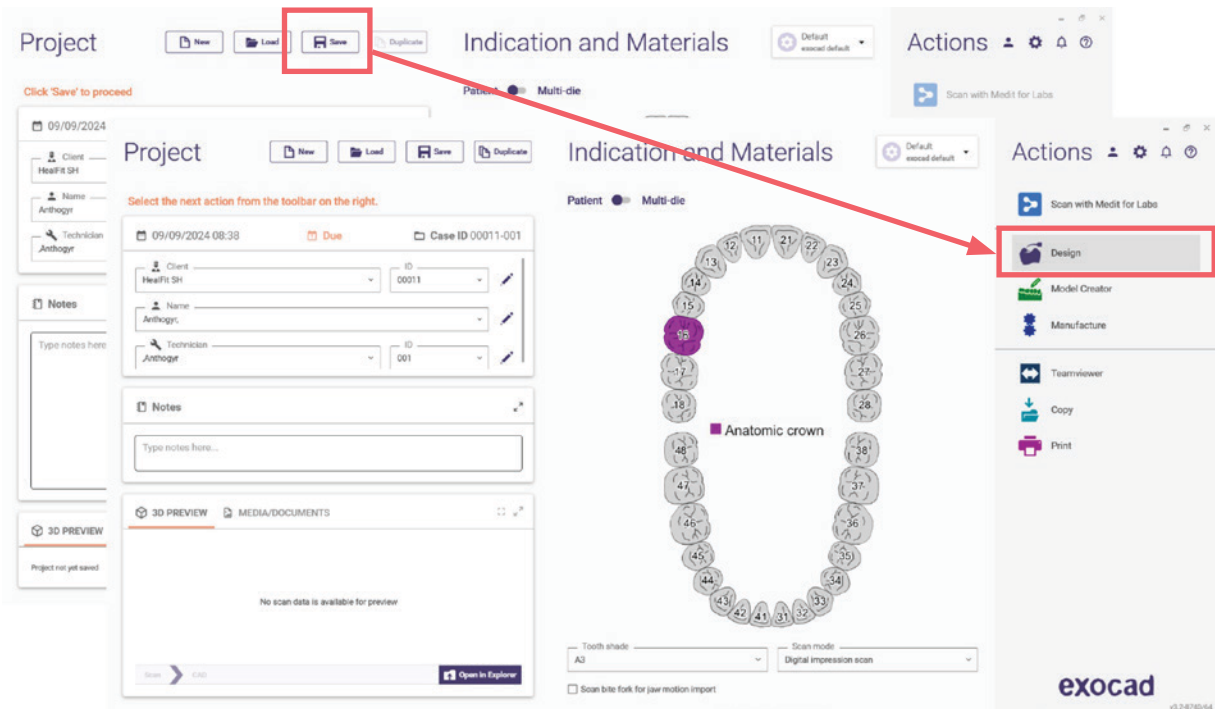
Note: Before to proceed to the next steps, it is necessary to identify the Healfit® SH on the scan file.

3. In the next window, click on save then click on Design.
4. In the next windows:
   a. First window: Select the scan file (with Healfit® SH as a scanbody)
   b. Second window: Select the STL file of the Healfit® SH.

Note: You can download the files for Healfit® SH shape in our website, page Labside librairies under the name: Anthogyr Labside **Healfit SH** – Emergence Profile 3D-Files:

5. Adjust the scan orientation as usual.
6. Align the scan file and the Healfit® SH STL file (pre-op file)
   a. Do a pre-alignment manually
   b. Then do an alignment by clicking 3 points. See picture below.
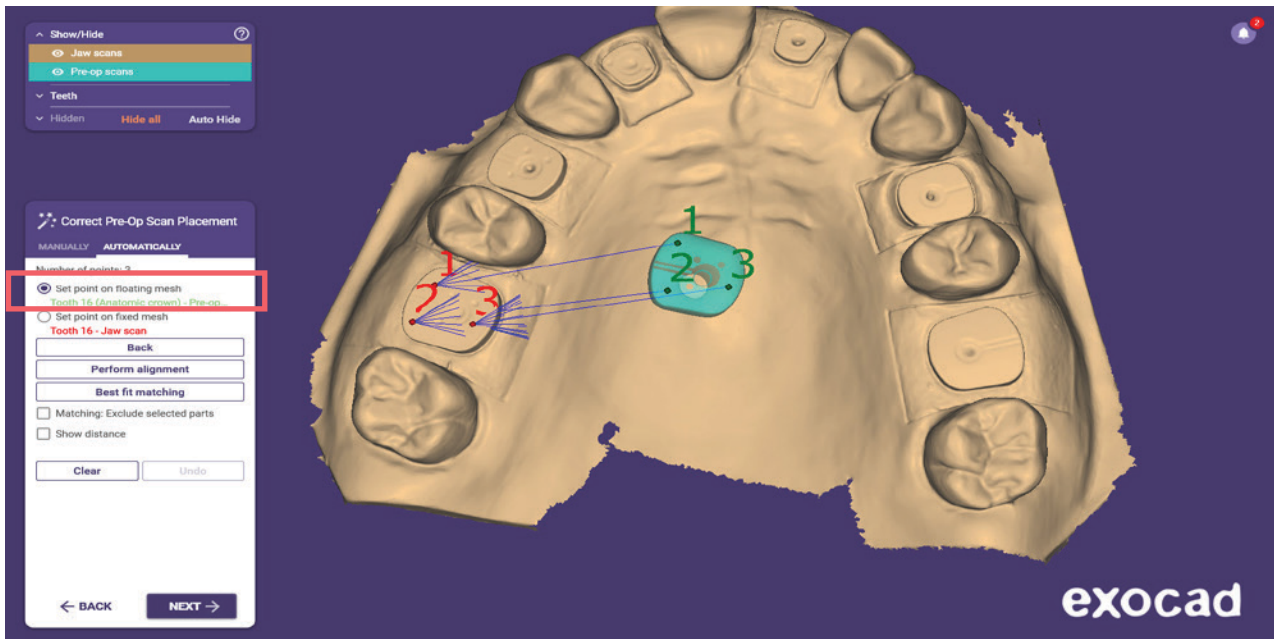
c. Click on perform alignment
d. Click on best fit matching while pressing CTRL. This will allows to obtain the color bar to check the correct alignment. You can also use the cut view to check the alignment. See picture below.
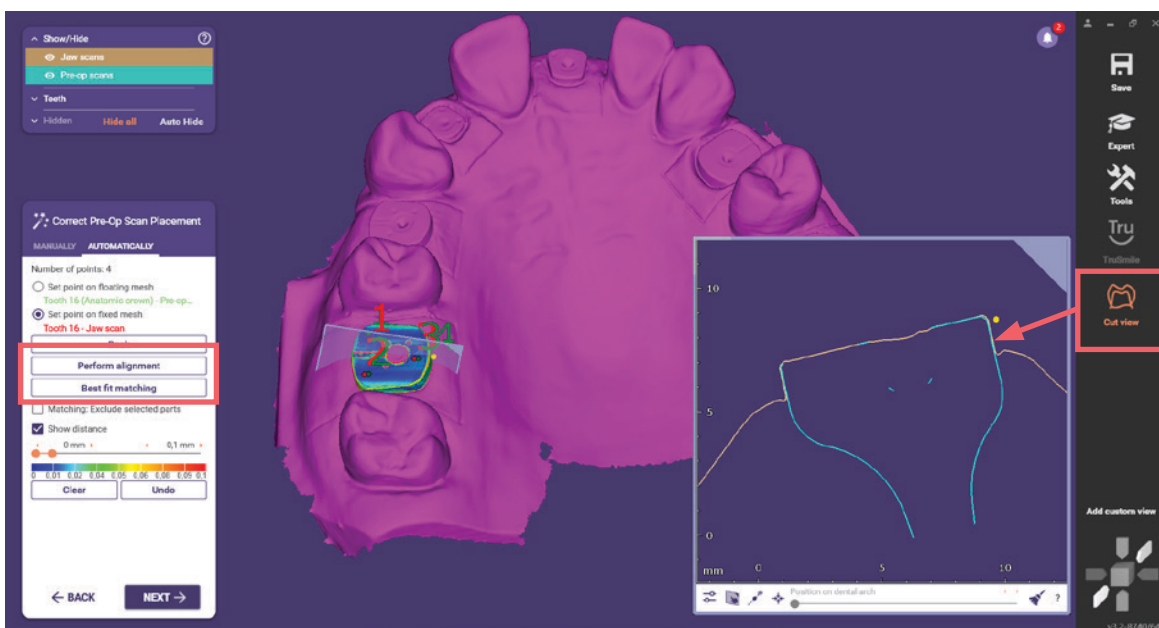
7. Select the correct library.
    a. Once the library selected, please cut the Healfit® SH (scanbody) with the slide bar. See picture below.
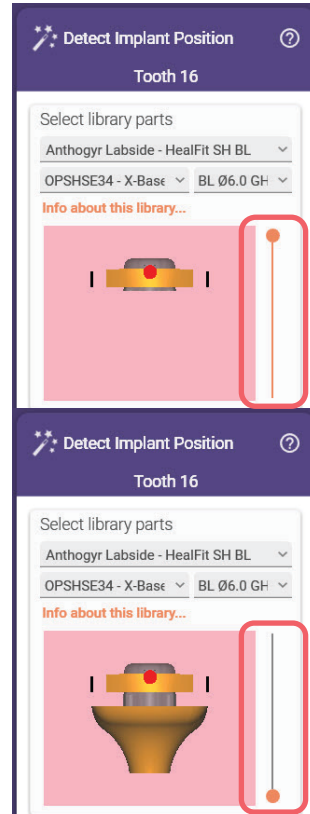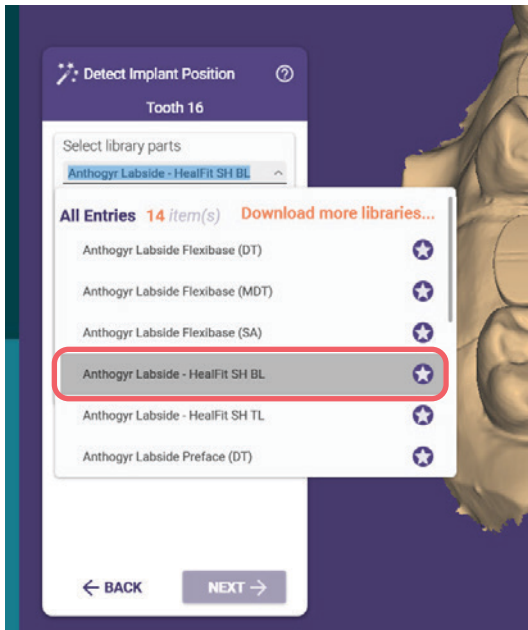

b. Continue with the alignement.

Please, always check that the alignment is successfully by pressing "CTRL" while the matching. See pictures below for an example:

| Successful alignment:	Wrong alignment:

8. Define the emergence profile
9. Place the model tooth
10. In the abutment bottoms section, please reduce the bottom (below in gray) until it disappears. The settings can be reduce to 0mm for a better result.

   Please note, you must adjust the contact points and shape **before any adjustment on the gingival part**.
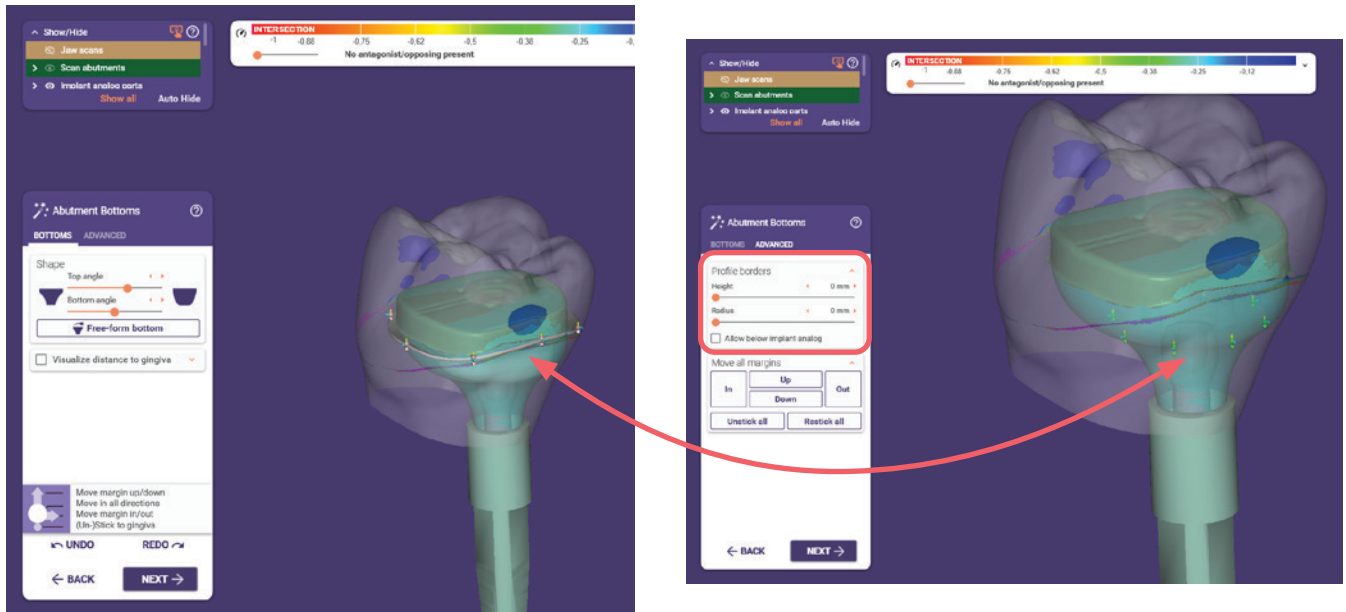
11. Then, select the expert mode
   a. Right click and select the **Adapt to Pre-Op Scan** option
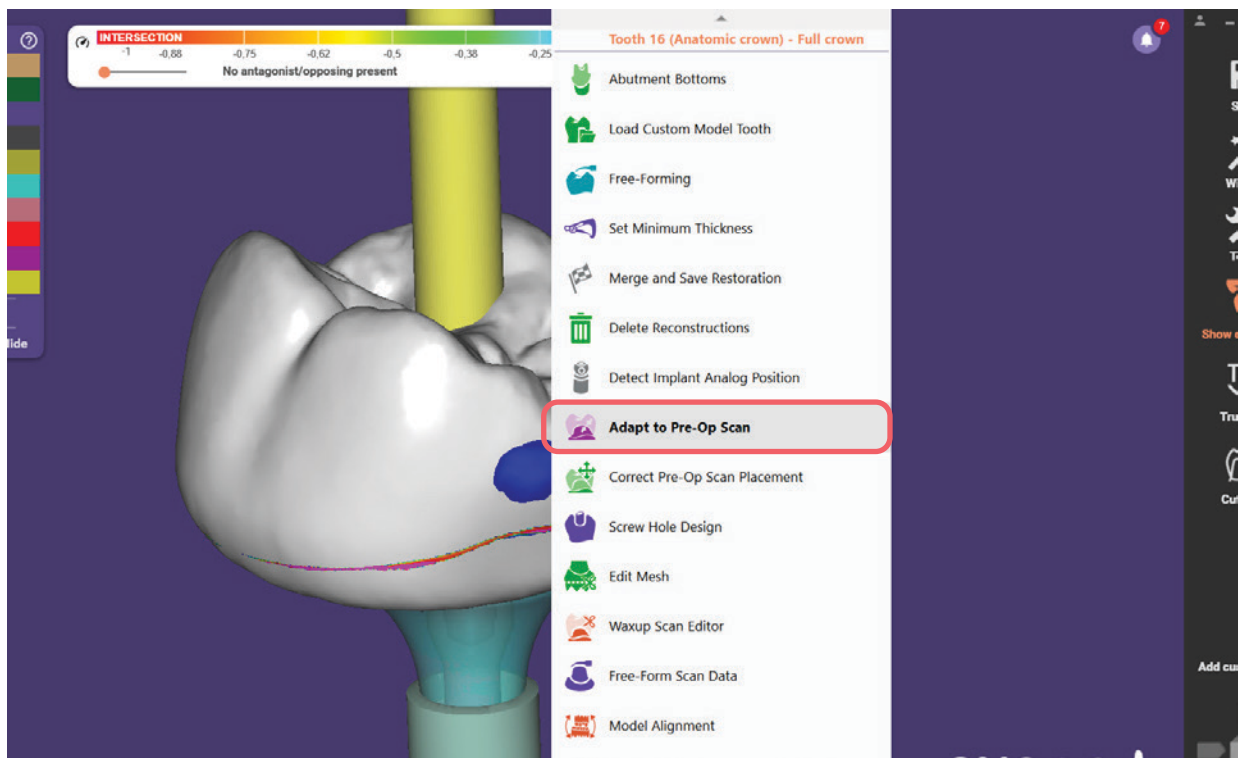
b. In the next window, select "Exclude selected parts".

c. In the windows that appears, select all other parts. Those parts will correspond to the mesh that **won't be adapted** according to the Healfit® SH shape.

In the picture below, in red is the mesh that won't be adapted, in orange the mesh to be adapted and in bleu the file of Healfit® SH.
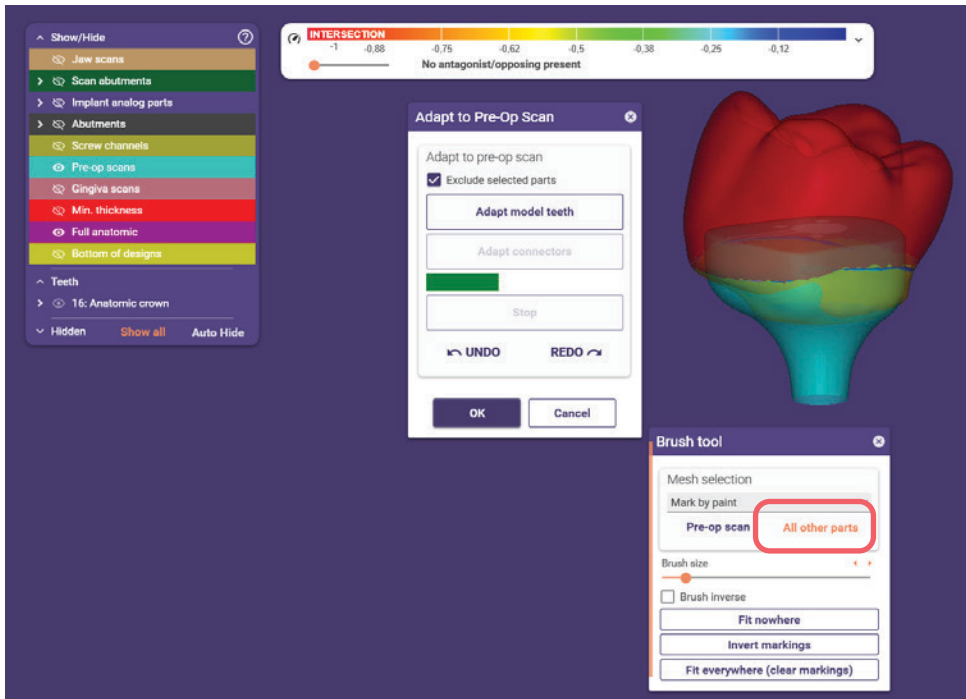

d. Once all the mesh selected, click on "Adapt model teeth".

Repeat steps "c" and "d" if needed.

Please don't forget to check that the fitting shape is adapted to the entire case (gingival part, medial and distal side...)
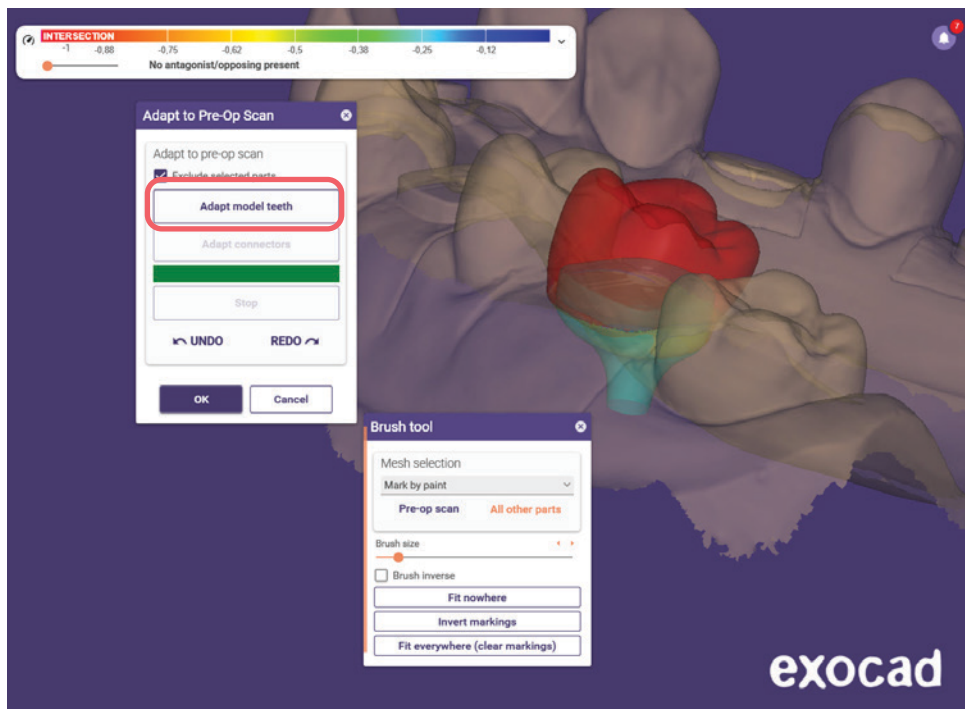
12. Click on Wizard (top-right side of the window), in the next module: free-forming module, modify the prosthesis if needed (smooth, cut intersections or others).

13. Finalize the design of the prosthesis as usual.

Option 2: Manual way
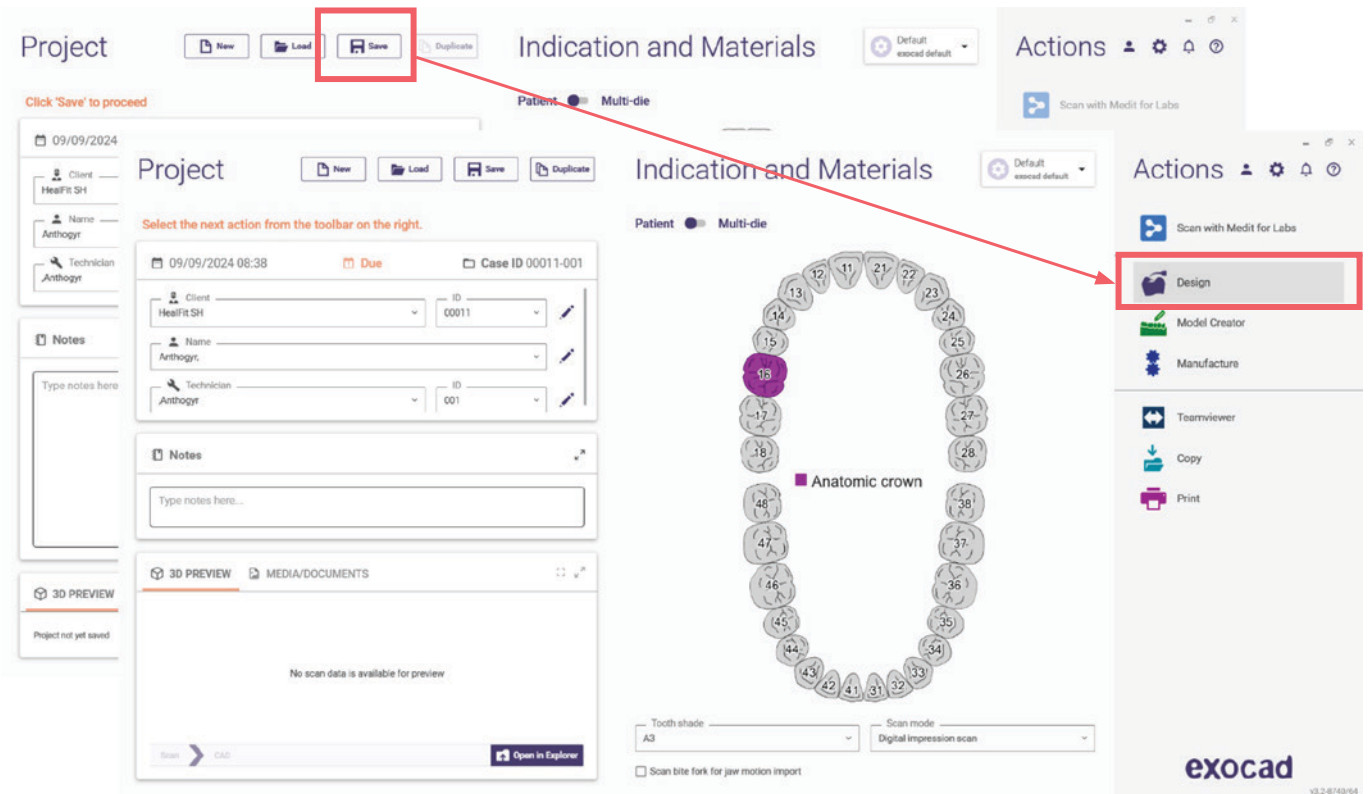
1. Fill the order form as usual: Client, name, technician etc.
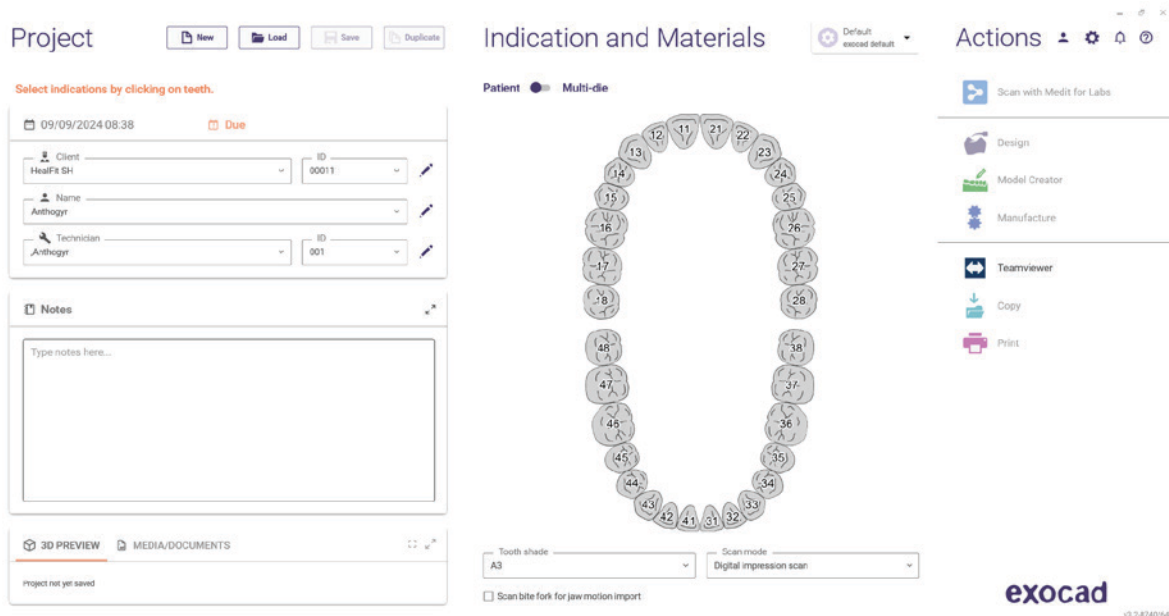

2. Choose the tooth:
    a. In the next window: choose the type of restauration, the material desired and other settings as in picture below.
        The steps will be as follow: (a) Type of crown > (b) Material > (c) Shade > (d) Screw-retained > (e) Scan Body in Main Scan.
   Click on OK once all the settings filled.
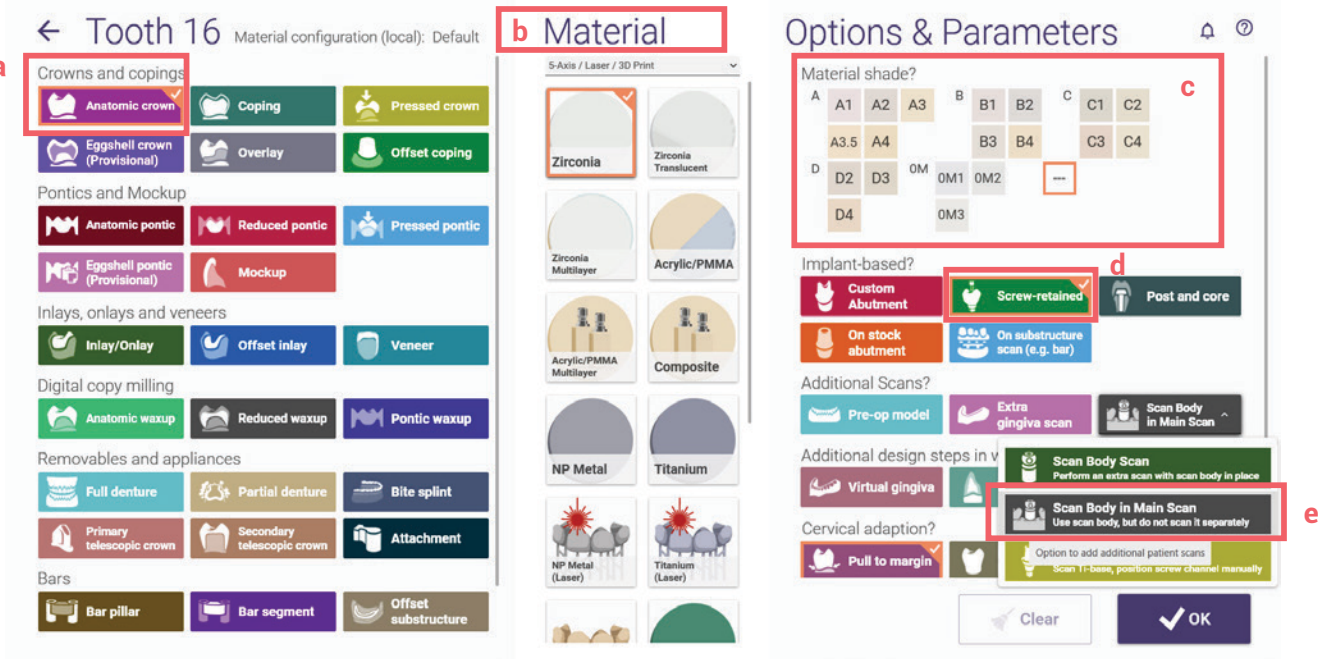
Note: Before to proceed to the next steps, it is necessary to identify the Healfit® SH on the scan file.

3. In the next window, click on save then click on Design.
4. In the next window, select the scan file (with Healfit® SH as a scanbody)

Example scan file
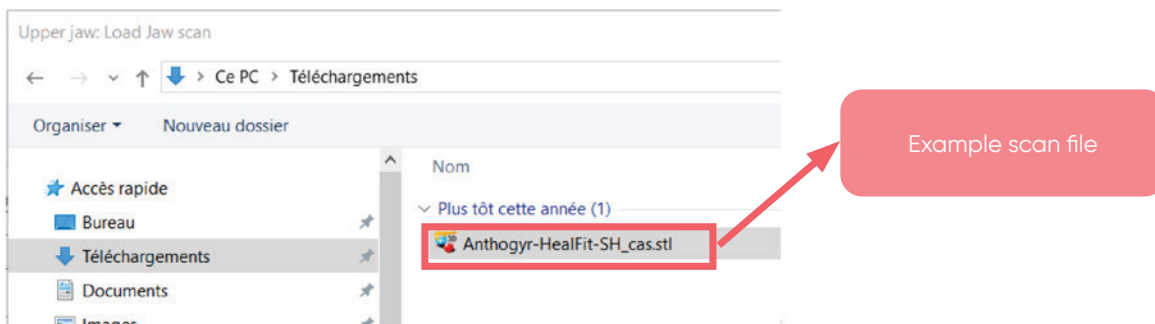
5. Adjust the scan orientation as usual.

6. Select the correct library.
   a. Once the library selected, please cut the Healfit® SH (scanbody) with the slide bar. See pictures below.
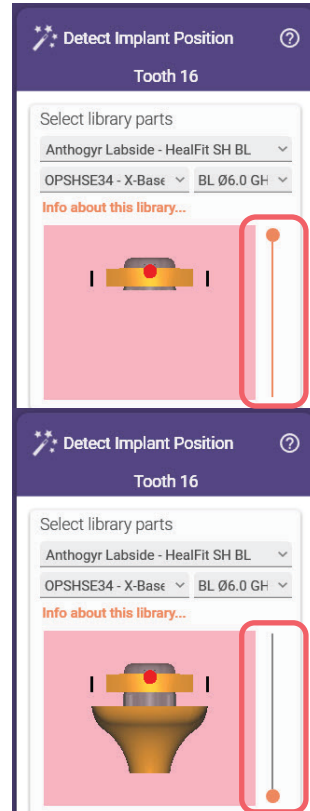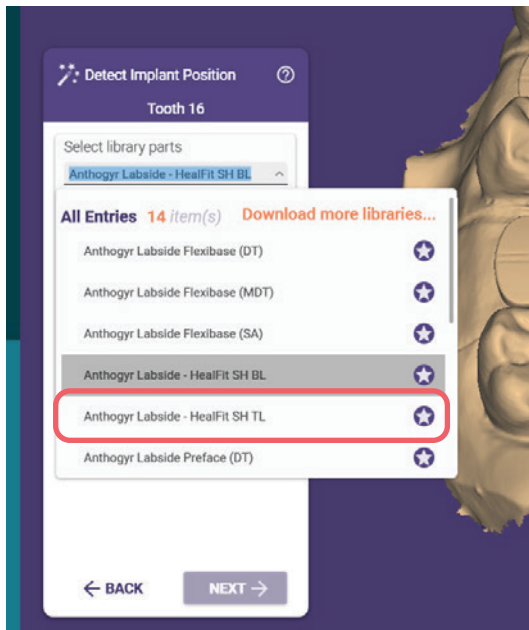
   b. Continue with the alignement.
   Please, always check that the alignment is successfully by pressing "CTRL" while the matching See pictures below for an example:

Successful alignment:	Wrong alignment:
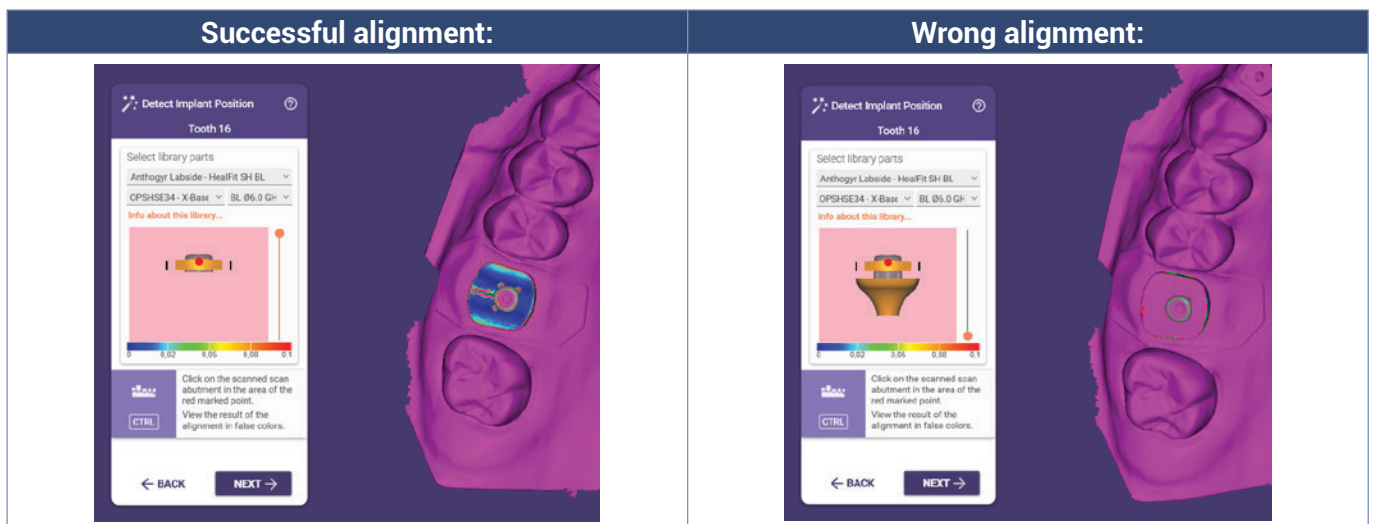
7. Define the emergence profile.
8. Place the model tooth.

9. In the abutment bottom section, please give the shape of Healfit® SH as much a as possible (process manually).

   a. For do that, you must show the scan marker geometry (below in orange). You can also hide the jaw scan and full anatomic layer to have a better visibility.
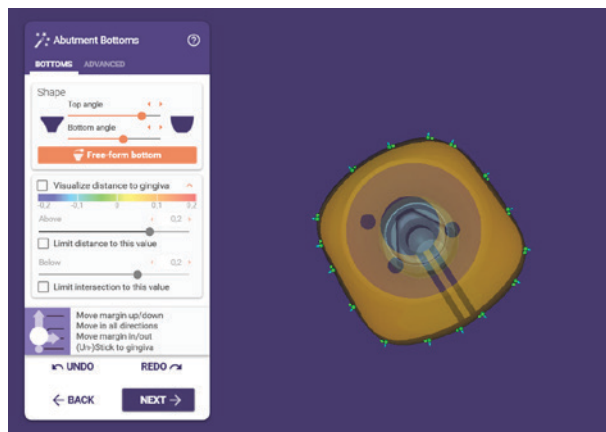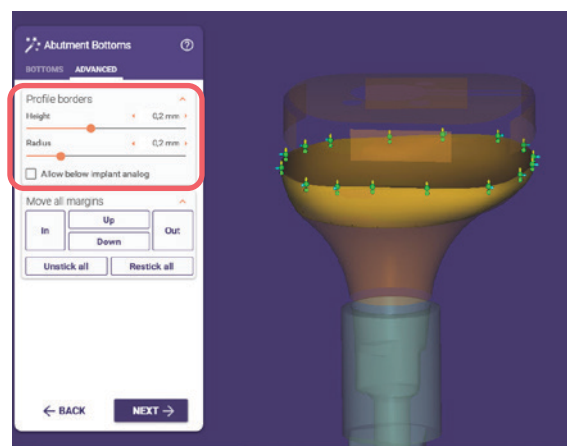

   b. Once the scan marker appears, you can place as many points as needed to follow the Healfit® SH shape (top view).

   c. You can also change the top and bottom angle to have a similar gingival shape that the Healfit® SH and use the free-form bottom option (left picture below). If needed, you can change some options in the advanced section (right picture below).
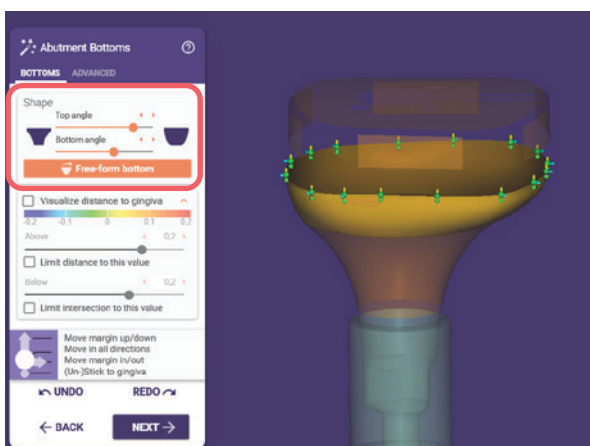
10. In the next module: free-forming module, modify the prosthesis if needed (smooth, cut intersections or others).

11. Finalize the design of the prosthesis as usual.

B. 3SHAPE

Note: Before to start the process, it is necessary to identify the Healfit® SH on the scan file.

1. Fill in the order form as usual:
   a. Order number, customer, patient information...
   b. Choose the tooth/ teeth and select the type of restoration
   c. Select the correct library:
      i. According to the Healfit® SH in patient mouth: Healfit® SH **BL** or **TL**
      ii. Regarding the type of Tibase used for the prosthesis (Flexibase®, X-Base® Straight or Angulated, PreFace)

Choice of library
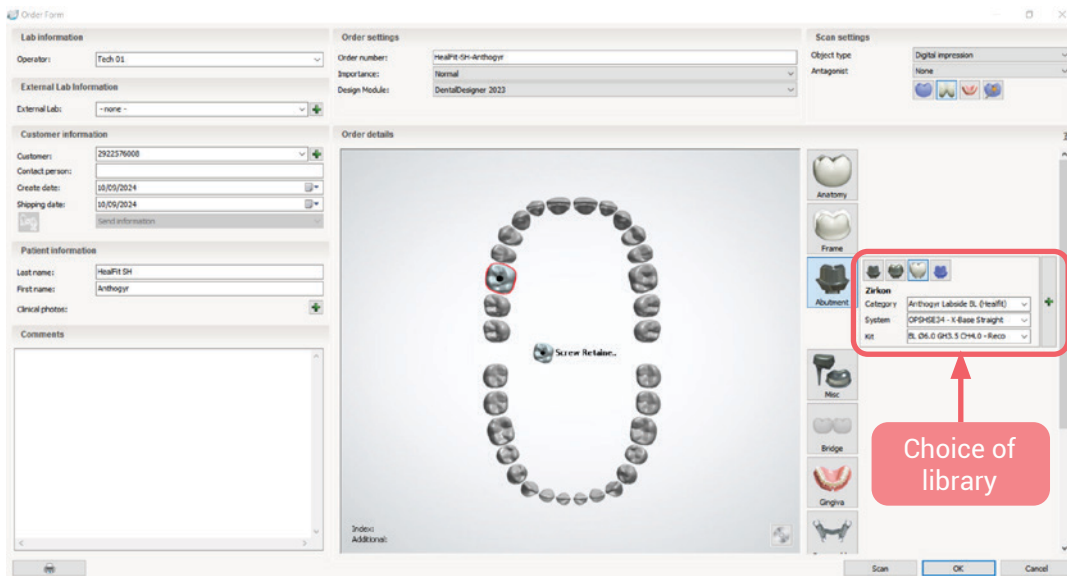
2. Import the scan file
3. Define the occlusal alignment as usual and modify the scan file if needed.
4. Align the scanbody, in this case, it will be Healfit® SH.
   It can be aligned by two ways: by one point or by three points.
   a. Alignment by one point:
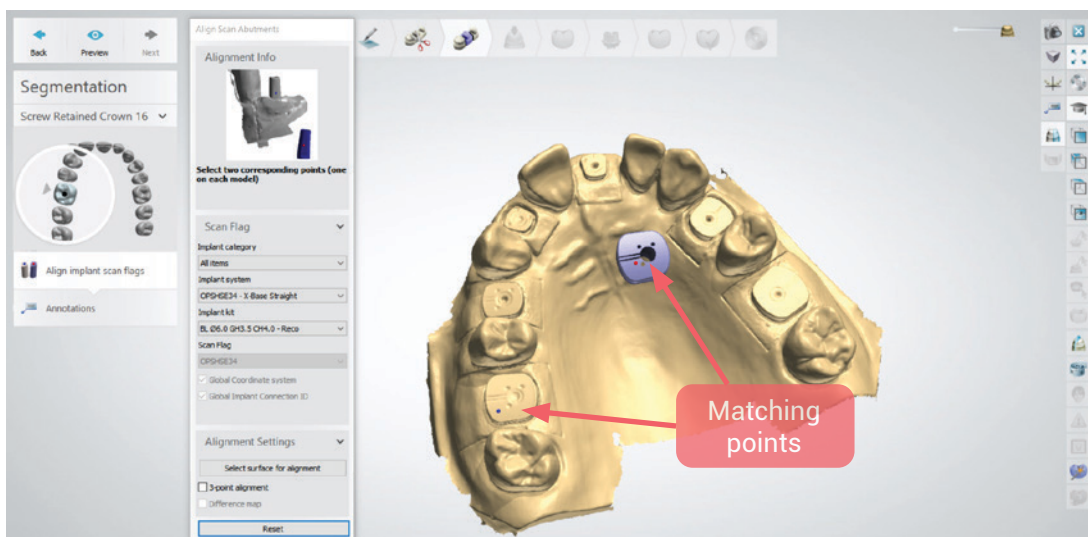
Matching points

   b. Alignment by three points: You need to select the case 3-point alignment before click on the matching points in each file.

If one of these alignment options displays an error message, please change the alignment by the other option.

Please, always check that the alignment is successful by using the "difference map" option. If the alignment is correct, the color must be grey as in picture below.
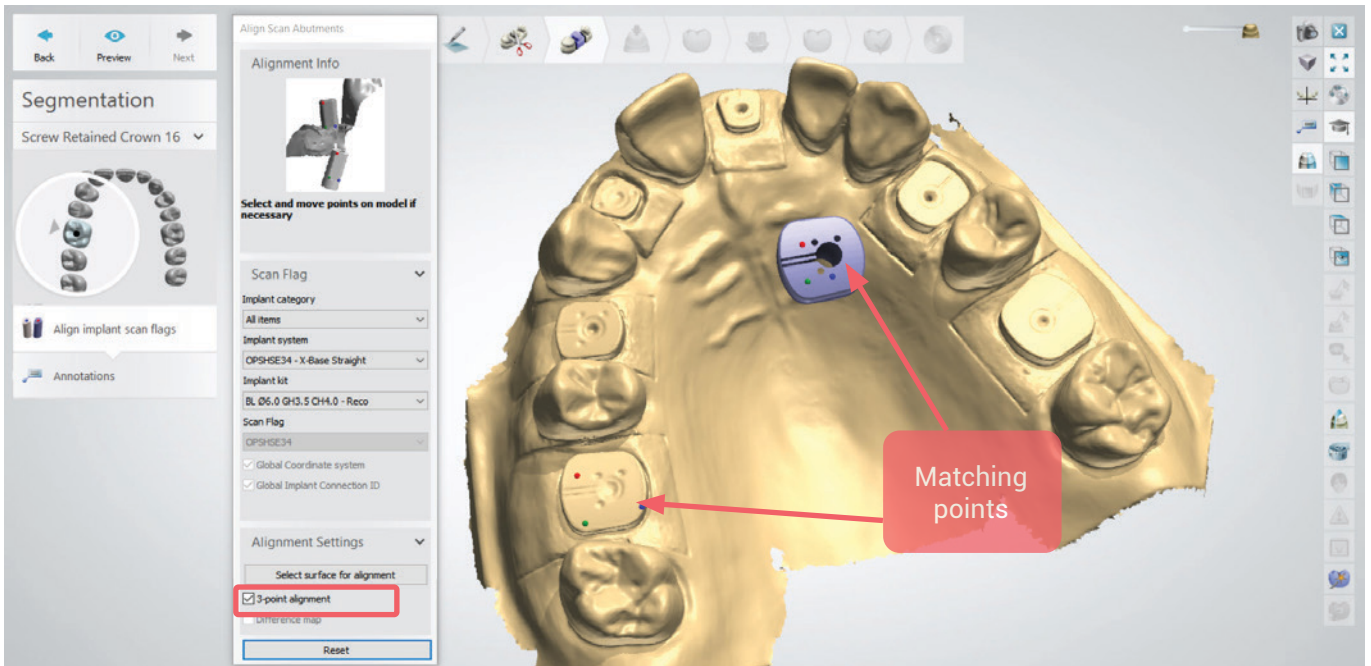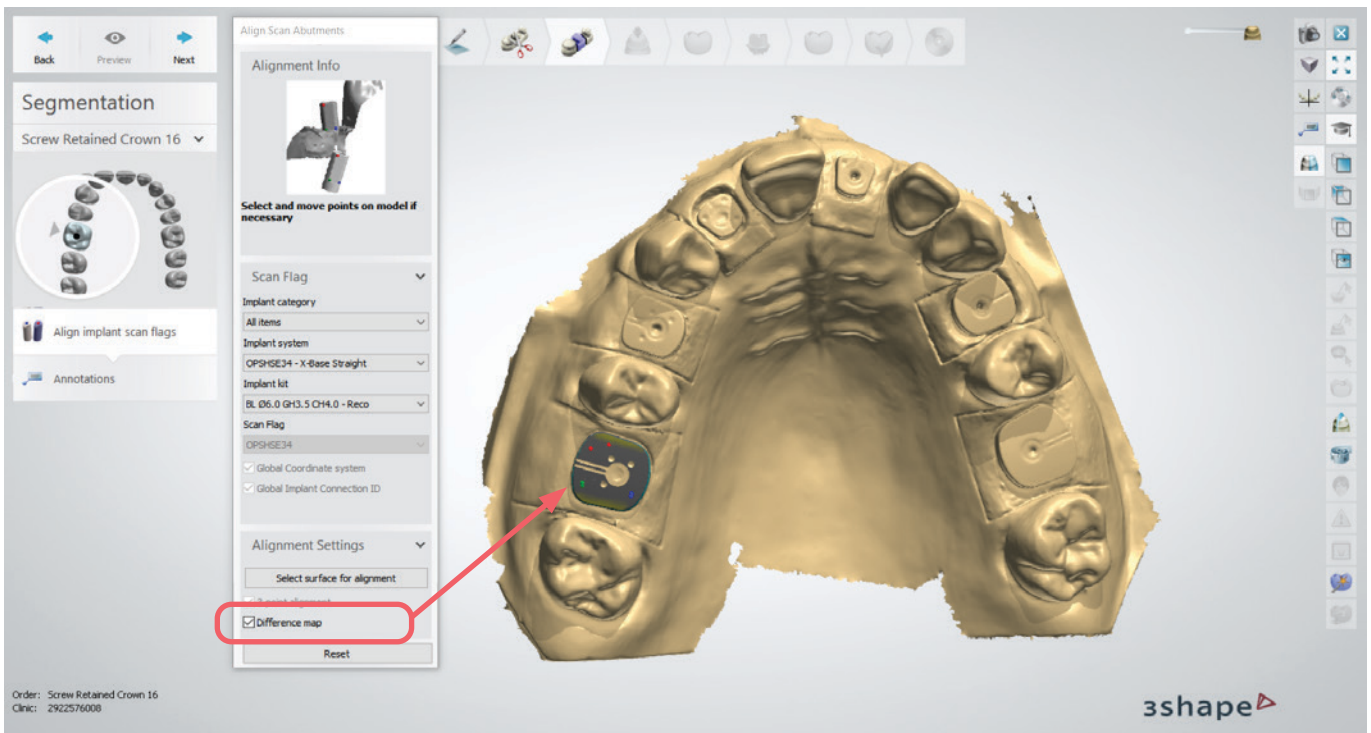

5. Define the insertion direction.
6. Place the model tooth.
7. Define the emergence profile, please shape Healfit® SH as far as possible (process manually).
   a. To do this, you must show the scanbody geometry. Furthermore, you can hide the digital impression, the anatomic pre-design and other layers to have a better visibility.
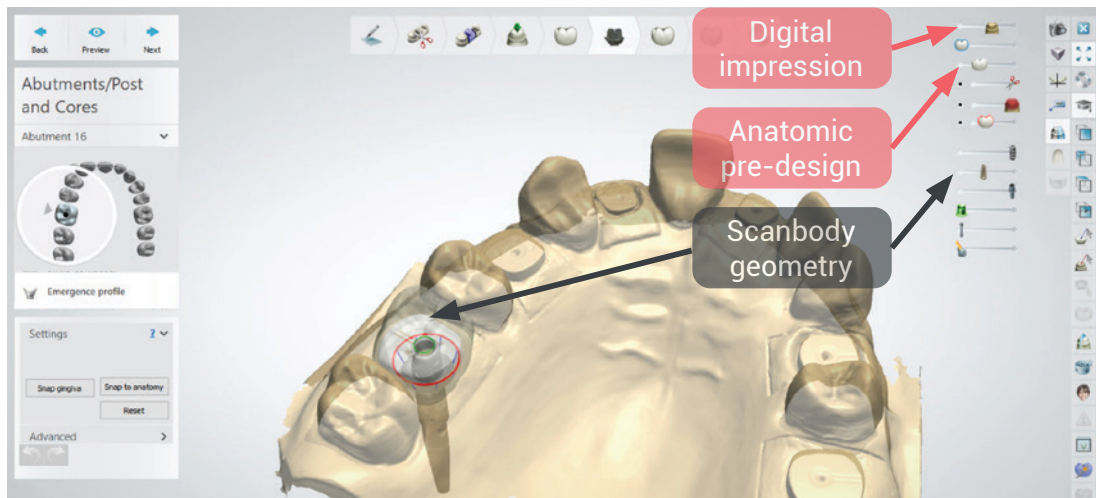
b. Once the scanbody appears, you can place as many points as needed to follow the Healfit® SH shape on the emergence profile (top view, red points). You need to modify also the gingival part (face view, green points). Below, in grey we can see the shape of the scanbody and the emergence profile.
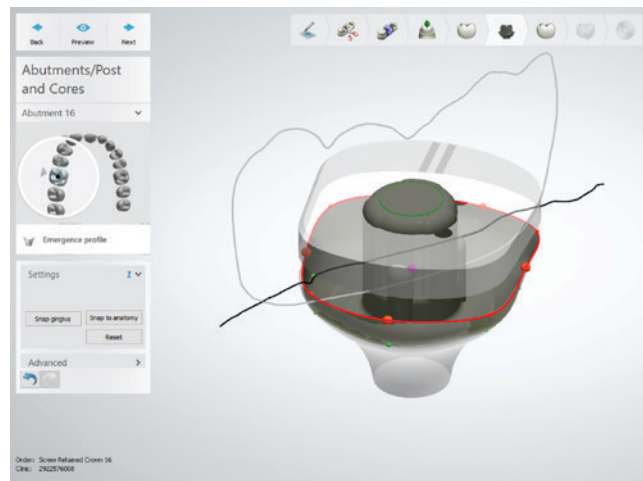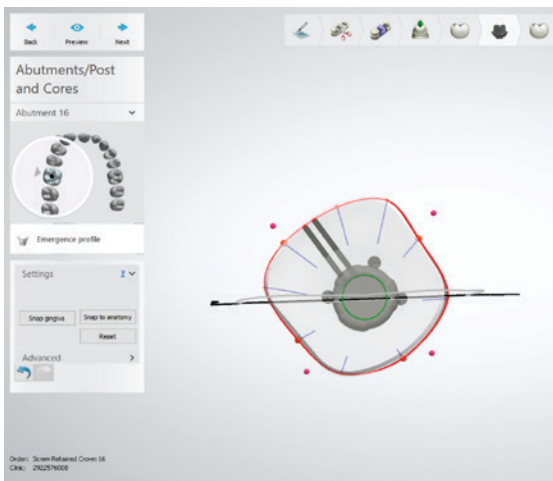
8. In the next module, anatomy design, you can sculpt the prosthesis by using the wax knife option to add/delete or smooth surfaces.

To finalize the prosthesis, please always show the layer of the scanbody by transparency to verify that the design fits the Healfit® SH profile.
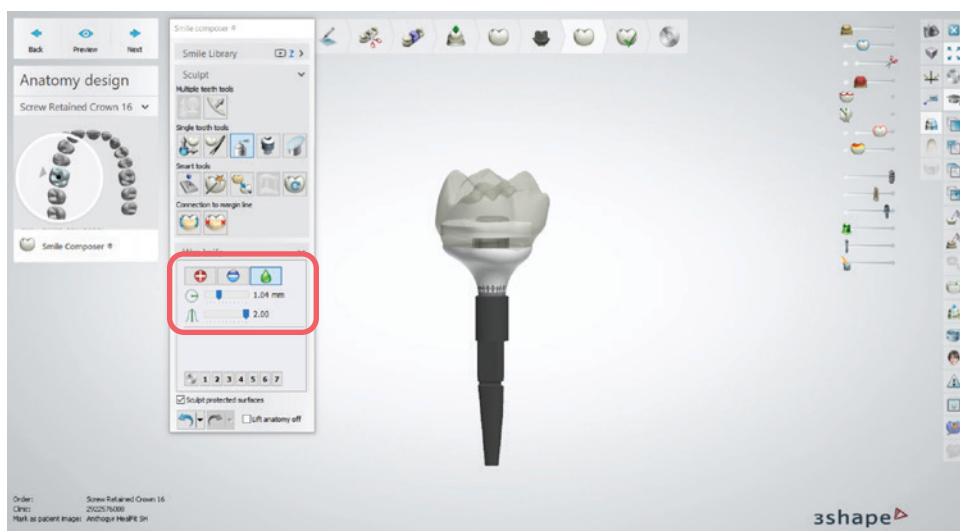
9. Finalize the design of the prosthesis as usual.
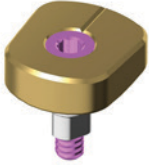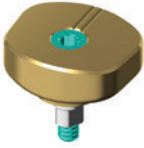
Please note: Only with 3Shape 2024 version, in order to design the emergence profile, there are 2 more options:

¬ **Option 1: Automatically way**

The gingiva profile is automatically generated according to the scan marker geometry, this profile can't be modified.

¬ **Option 2: Semi-automatically way**

The guiding points (red and green points) for the design of the gingiva profile are automatically placed following the scan marker geometry. You will be able to move them and adapt the gingiva profile as desired.

Option 1	Option 2

COMPONENT REFERENCES

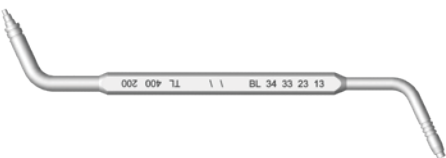| Axiom® BL Healfit® SH				PRODUCT REF.
	Healfit® SH – Shape A			
	Ti-6Al-4V ELI			
	M1.6 Healfit® screw included			
	Healfit® SH	Gh 1.5	Ch 3.0	OPSHSA13
	Healfit® SH	Gh 2.5	Ch 3.0	OPSHSA23*
	Healfit® SH	Gh 3.5	Ch 3.0	OPSHSA33
	Healfit® SH	Gh 3.5	Ch 4.0	OPSHSA34
	Healfit® SH – Shape B			
	Ti-6Al-4V ELI			
	M1.6 Healfit® screw included			
	Healfit® SH	Gh 1.5	Ch 3.0	OPSHSB13
	Healfit® SH	Gh 2.5	Ch 3.0	OPSHSB23*
	Healfit® SH	Gh 3.5	Ch 3.0	OPSHSB33
	Healfit® SH	Gh 3.5	Ch 4.0	OPSHSB34
	Healfit® SH – Shape C			
	Ti-6Al-4V ELI			
	M1.6 Healfit® screw included			
	Healfit® SH	Gh 1.5	Ch 3.0	OPSHSC13
	Healfit® SH	Gh 2.5	Ch 3.0	OPSHSC23*
	Healfit® SH	Gh 3.5	Ch 3.0	OPSHSC33
	Healfit® SH	Gh 3.5	Ch 4.0	OPSHSC34
	Healfit® SH – Shape D			
	Ti-6Al-4V ELI			
	M1.6 Healfit® screw included			
	Healfit® SH	Gh 1.5	Ch 3.0	OPSHSD13
	Healfit® SH	Gh 2.5	Ch 3.0	OPSHSD23*
	Healfit® SH	Gh 3.5	Ch 3.0	OPSHSD33
	Healfit® SH	Gh 3.5	Ch 4.0	OPSHSD34
	Healfit® SH – Shape E			
	Ti-6Al-4V ELI			
	M1.6 Healfit® screw included			
	Healfit® SH	Gh 1.5	Ch 3.0	OPSHSE13
	Healfit® SH	Gh 2.5	Ch 3.0	OPSHSE23*
	Healfit® SH	Gh 3.5	Ch 3.0	OPSHSE33
	Healfit® SH	Gh 3.5	Ch 4.0	OPSHSE34

Axiom® TL Healfit® SH				PRODUCT REF.
Healfit® SH – Shape A **Ti-6Al-4V ELI** **M1.6 Healfit® screw included already assembled**				
	Healfit® SH	Ch 2.5	Ø4.0 / N	TSHSA-N200*
	Healfit® SH	Ch 4.0	Ø4.0 / N	TSHSA-N400
Healfit® SH – Shape B **Ti-6Al-4V ELI** **M1.6 Healfit® screw included already assembled**				
	Healfit® SH	Ch 2.5	Ø4.0 / N	TSHSB-N200*
	Healfit® SH	Ch 4.0	Ø4.0 / N	TSHSB-N400
	Healfit® SH	Ch 2.5	Ø4.8 / R	TSHSB-R200
	Healfit® SH	Ch 4.0	Ø4.8 / R	TSHSB-R400
Healfit® SH – Shape C **Ti-6Al-4V ELI** **M1.6 Healfit® screw included already assembled**				
	Healfit® SH	Ch 2.5	Ø4.0 / N	TSHSC-N200*
	Healfit® SH	Ch 4.0	Ø4.0 / N	TSHSC-N400
	Healfit® SH	Ch 2.5	Ø4.8 / R	TSHSC-R200
	Healfit® SH	Ch 4.0	Ø4.8 / R	TSHSC-R400
Healfit® SH – Shape D **Ti-6Al-4V ELI** **M1.6 Healfit® screw included already assembled**				
	Healfit® SH	Ch 2.5	Ø4.8 / R	TSHSD-R200
	Healfit® SH	Ch 4.0	Ø4.8 / R	TSHSD-R400*
Healfit® SH – Shape E **Ti-6Al-4V ELI** **M1.6 Healfit® screw included already assembled**				
	Healfit® SH	Ch 2.5	Ø4.8 / R	TSHSE-R200
	Healfit® SH	Ch 4.0	Ø4.8 / R	TSHSE-R400*

* Product shown

Healfit® SH instrument		PRODUCT REF.
	Healfit® SH height gauge **Ti-6Al-4V ELI**	OPJCSHS

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