NOTCH®
DENTAL IMPLANT SYSTEMS

DIGITAL PRODUCTS & EXOCAD WORKFLOW

NOTCH® offers a simple and smooth digital workflow through simplified, high-precision components.

Using the same scanbodies for all NOTCH® Implant Systems will speed-up oral/model scanning session and enable you having different implant models in the same jaw more confidently.

NOTCH®
DENTAL IMPLANT SYSTEMS

DIGITAL PRODUCTS

MADE IN GERMANY

NOTCH®
DENTAL IMPLANT SYSTEMS

1

Ti-Base Engaged
(Single Tooth)

is used for single tooth temporary or final restorations. Retentive micro grooves on post provides better attachment to crown.

Profile D.	Gingiva Height	Post Height	Ref. Code
4	0.7	4.3	420710N
	2.5		422510N

Profile D.	Gingiva Height	Post Height	Ref. Code
4.5	0.7	4.3	420710R
	2.5		422510R

Ti-Base Non-Engaged
(Bridges/Bars)

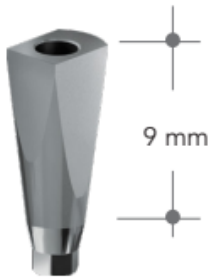
is used for multiple tooth temporary or final restorations. Retentive micro grooves on post provides better attachment to crown.

Profile D.	Gingiva Height	Post Height	Ref. Code
4	0.7	4.3	420700N
	2.5		422500N

Profile D.	Gingiva Height	Post Height	Ref. Code
4,5	0.7	4.3	420700R
	2.5		422500R

SCANBODY AND DIGITAL ANALOG

Scanbody
(Implant Level)



Scanbody

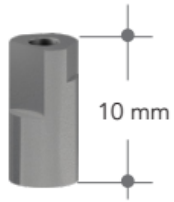
NP	RP
400010N	400020R

Digital Analog for Printed Models

NP	RP
321007N	321008R

2 Premill Abutment

Scanbody
(Abutment Level)



Scanbody
Screw Abutment

400030U

Digital Analog
for Printed Models

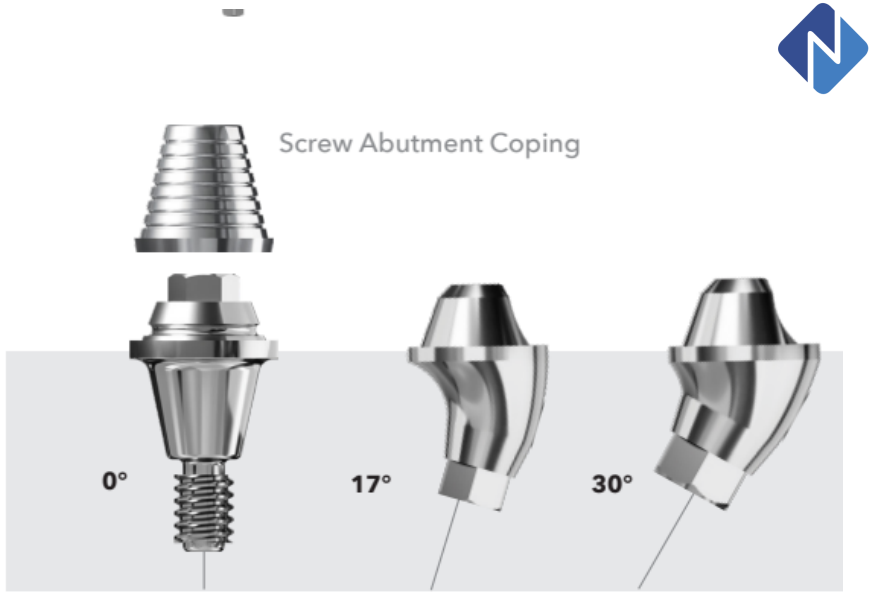
321009U

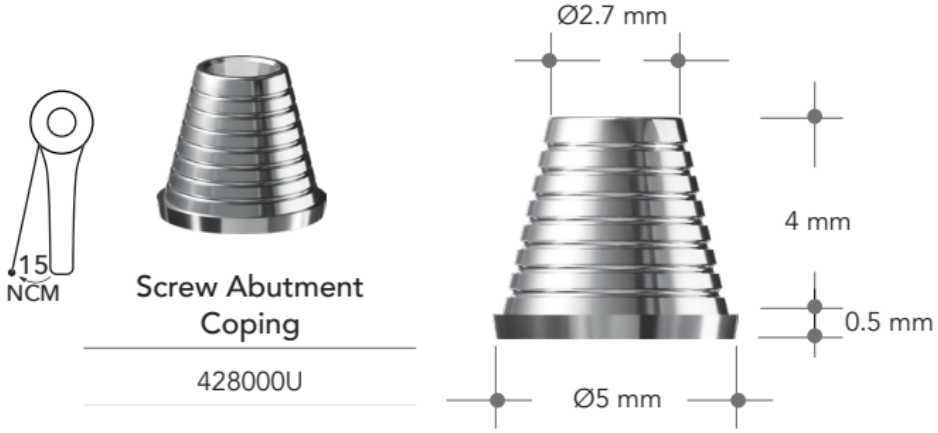
3

Screw Abutment Coping

is used for CAD/CAM restorations on screw abutments. Engaged coping is used for single tooth and non-engaged is for bridges and bars.

**Type A indicates European Type Connection*
Type B indicates Non-European connection





Screw Abutment
Coping

428000U

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EXOCAD WORKFLOW

MADE IN GERMANY

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1

Ti-Base Engaged
(Single Tooth)

is used for single tooth temporary or final restorations. Retentive micro grooves on post provides better attachment to crown.

Profile D.	Gingiva Height	Post Height	Ref. Code
4	0.7	4.3	420710N
	2.5		422510N

Profile D.	Gingiva Height	Post Height	Ref. Code
4.5	0.7	4.3	420710R
	2.5		422510R

Ti-Base Non-Engaged
(Bridges/Bars)

is used for multiple tooth temporary or final restorations. Retentive micro grooves on post provides better attachment to crown.

Profile D.	Gingiva Height	Post Height	Ref. Code
4	0.7	4.3	420700N
	2.5		422500N

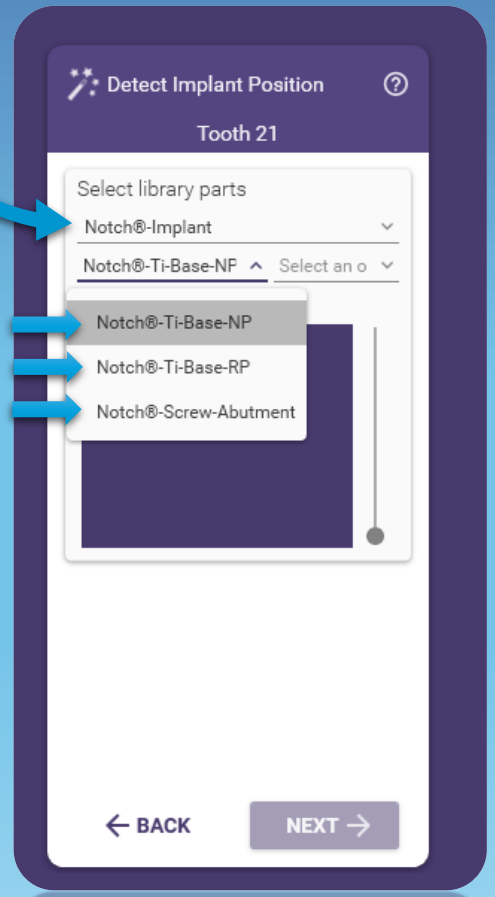
Profile D.	Gingiva Height	Post Height	Ref. Code
4,5	0.7	4.3	420700R
	2.5		422500R

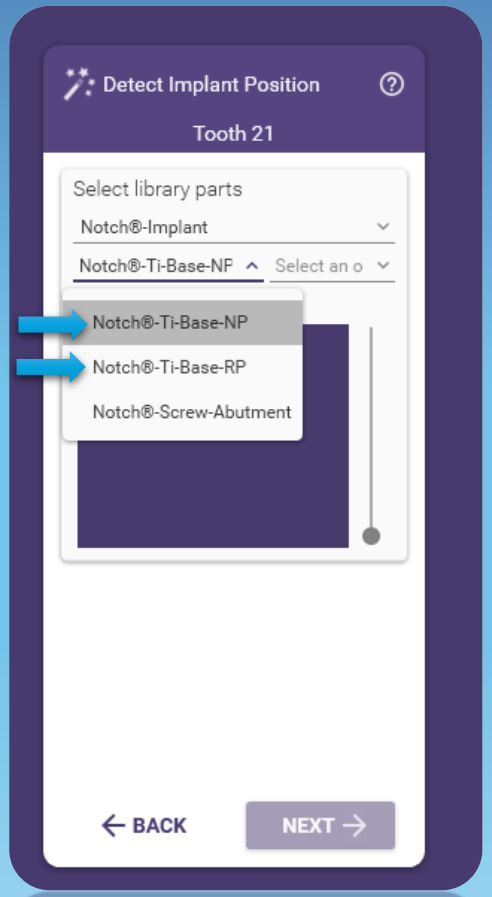
After selecting "Notch-Implant", three options will appear. To proceed with the digital workflow, please select one of the product groups listed below according to your intended application.

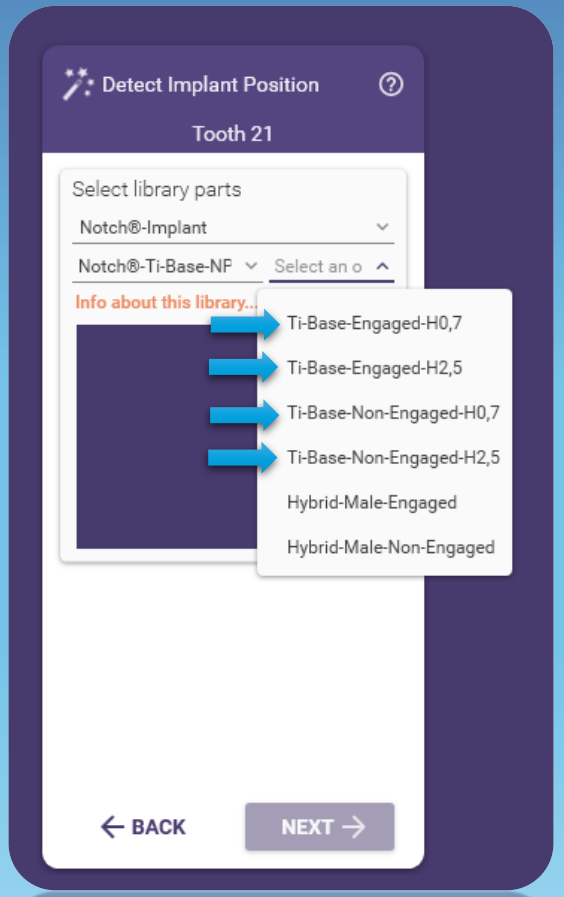
If you proceed with the Ti-Base workflow, please note that platform selection (NP or RP) is required at the first step. The options displayed after selecting NP or RP are the same. What matters here is understanding the purpose of each option.

The "Ti-Base" option is typically used for single-unit restorations bonded to zirconia. This workflow includes two gingival height options: H0.7 mm and H2.5 mm.

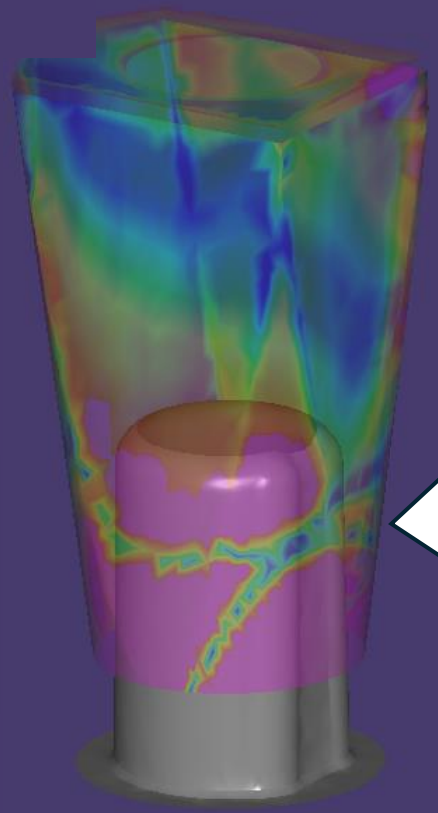
- Ti-Base – Engaged: Used for single-unit crown restorations. It provides mechanical engagement with the internal hex of the implant.
- Ti-Base - Non-Engaged: Used for bridge restorations. It avoids hex engagement and allows passive fit over multiple implants.

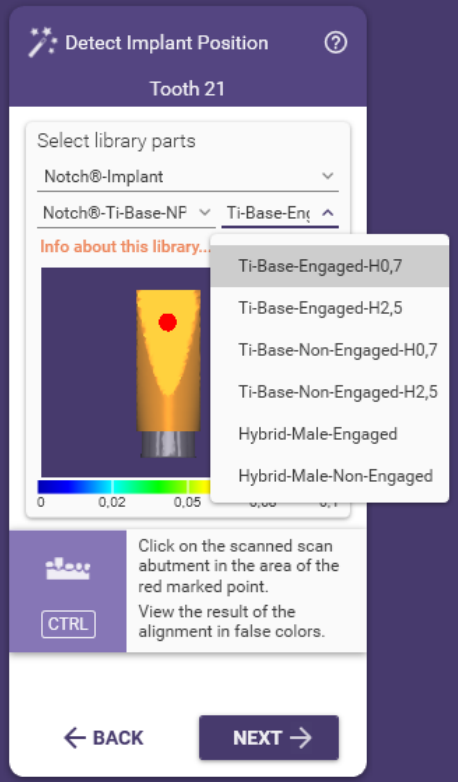




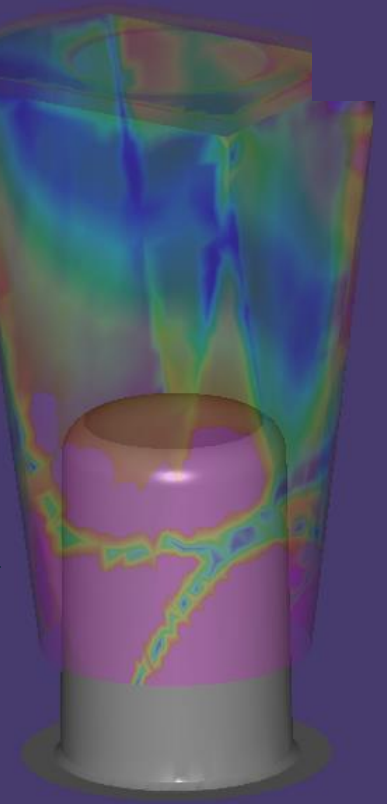


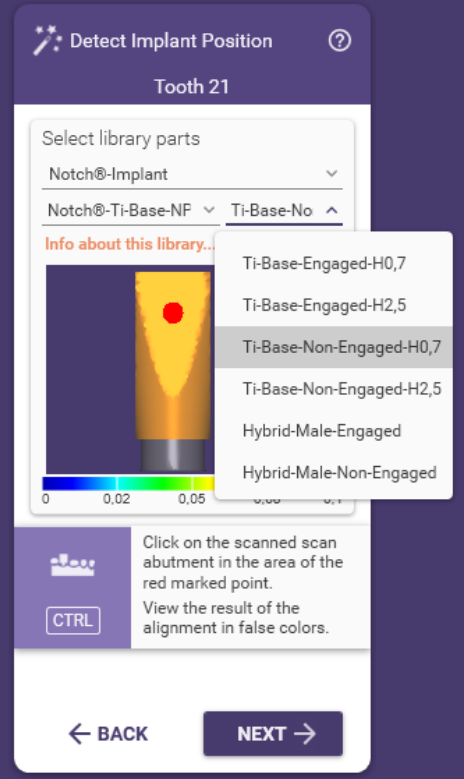
For Single-Unit Restorations (Engaged):
In single-unit restorations, the **Exocad Ti-Base shell includes an anti-rotation feature** (flat surfaces) to prevent crown rotation. This ensures a stable and secure fit on the implant.





Bridge Restorations (Non-Engaged):
In bridge restorations, the **anti-rotation feature is intentionally removed**. Instead, a **circular shell** is used to ensure passive fit over multiple implants, allowing the bridge to seat easily without tension.





2

NOTCH®
DENTAL IMPLANT SYSTEMS

Premill Abutment

Customized abutments has major advantages over stock abutments where esthetics is prerequisite. With premilled hexagonal and conical part genuine NOTCH® premill abutments offer better and safer outcomes.

Profile D.	Type*	Post Height	Ref. Code
11,5	A	19,3	432011N
	B		442011N

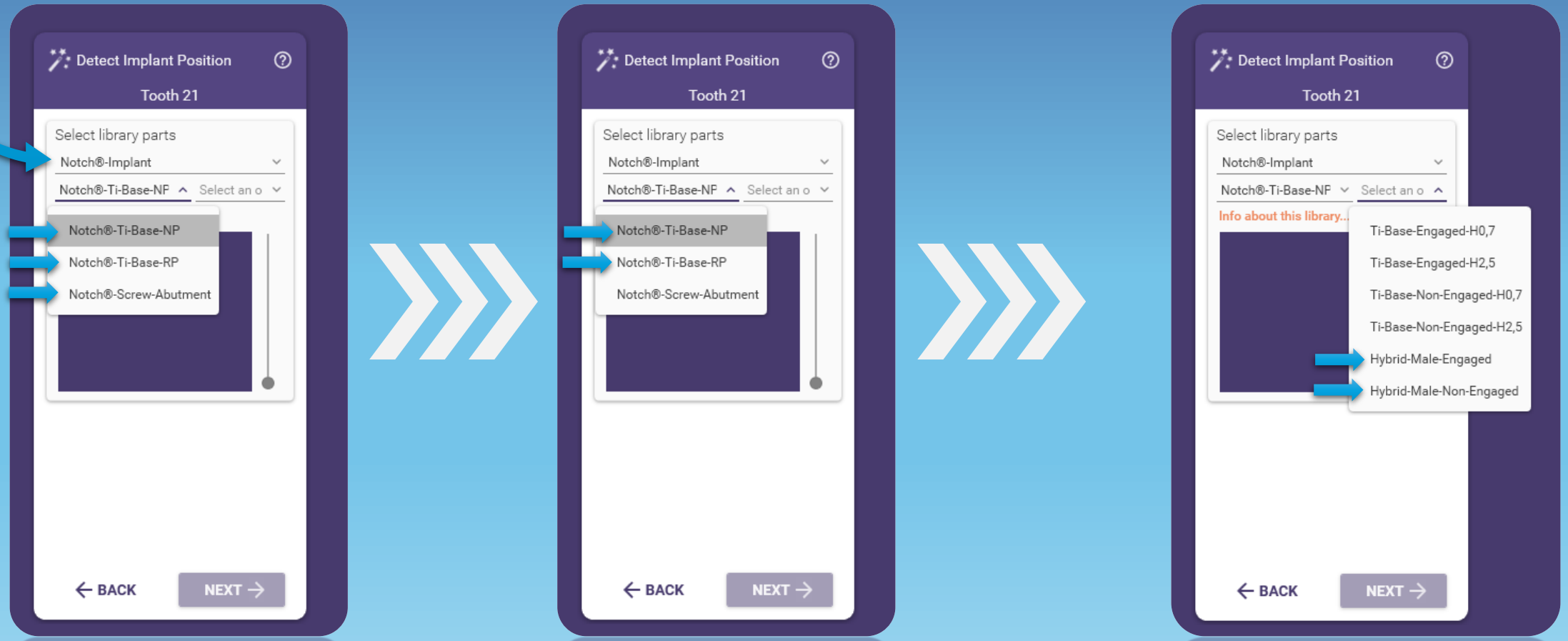
Profile D.	Type*	Post Height	Ref. Code
11,5	A	19,3	432011R
	B		442011R

After selecting "Notch-Implant", three options will appear. To proceed with the digital workflow, please select one of the product groups listed below according to your intended application.

If you proceed with the Ti-Base workflow, please note that platform selection (NP or RP) is required at the first step. The options displayed after selecting NP or RP are the same. What matters here is understanding the purpose of each option.

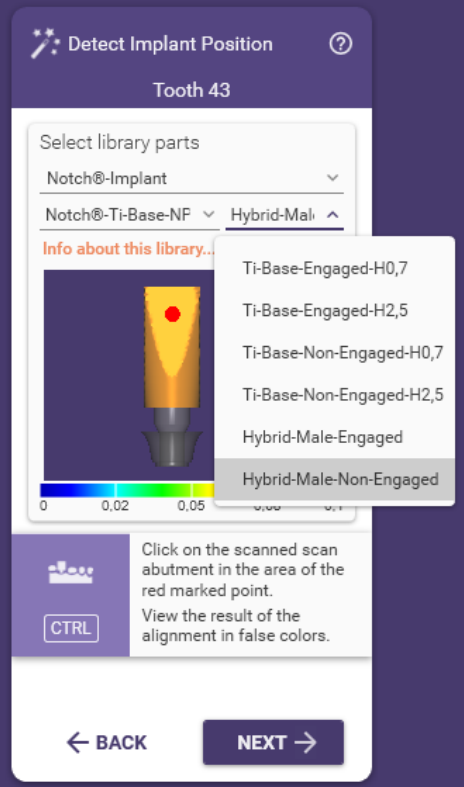
The "Hybrid Male" option is selected when designing a custom abutment using a premill blank. This option provides the internal geometry of the selected implant, including the hex and seating diameter. The custom abutment is designed on top of this base and prepared for milling.

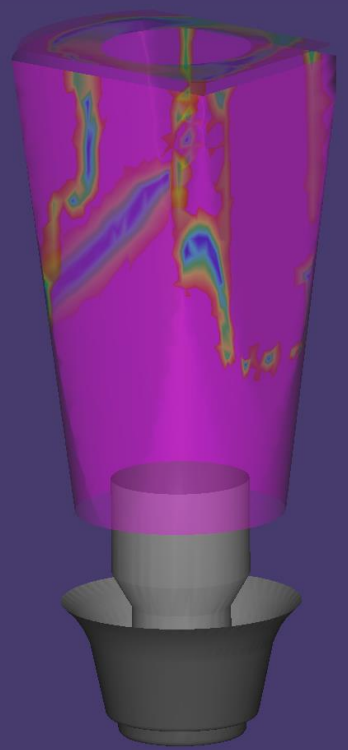
- Hybrid – Engaged: Used for single-unit restorations. Provides mechanical retention via the internal hex of the implant.
- Hybrid - Non-Engaged: Used for bridge restorations. Designed to avoid hex engagement and enable passive fit across multiple implants.

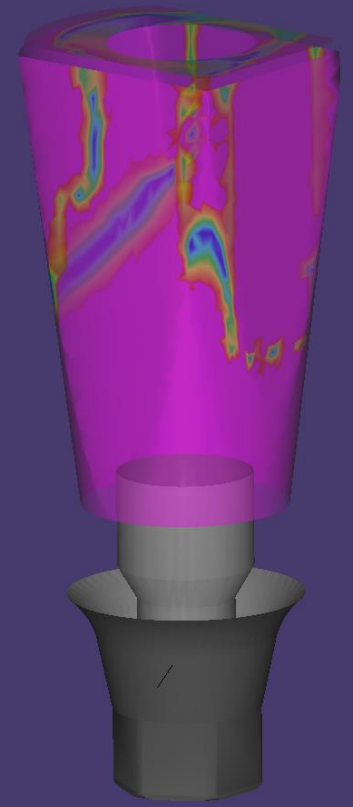


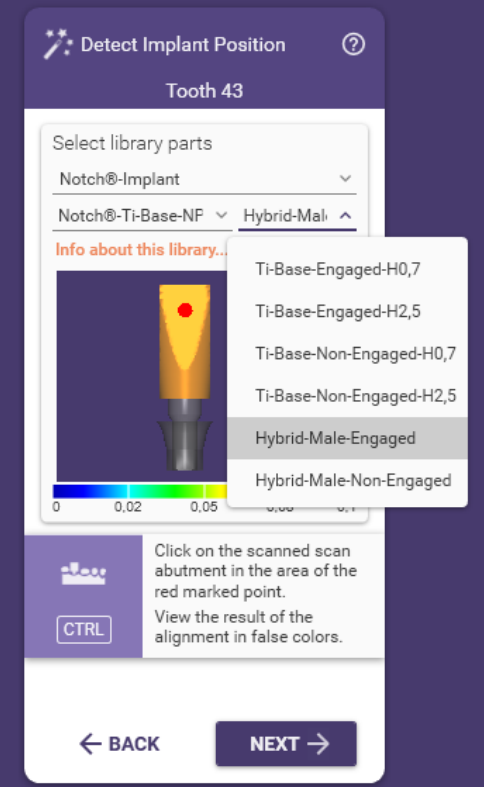
Hybrid Male – Non-Engaged:
Used for bridge restorations or temporary multi-unit prosthetics.
It **does not include an anti-rotational feature**, allowing the restoration to seat passively over multiple implants.
The screw channel is already present, and no extra components are required between crown and abutment.
Note: Hybrid Male Non-Engaged offers flexibility and passive fit for temporary or multi-unit restorations.

Hybrid Male – Engaged:
Designed for single-unit restorations.
This structure acts like a screw-retained crown and includes an **anti-rotational feature**.
The restoration connects **directly to the screw abutment** without any intermediate part.
The screw channel is integrated, allowing for a stable and retrievable restoration.
Note: Hybrid Male Engaged is preferred in single-implant cases requiring both stability and positional accuracy.

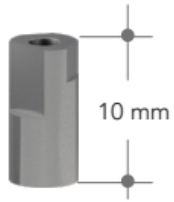








Scanbody
(Abutment Level)



Scanbody
Screw Abutment

400030U

Digital Analog
for Printed Models

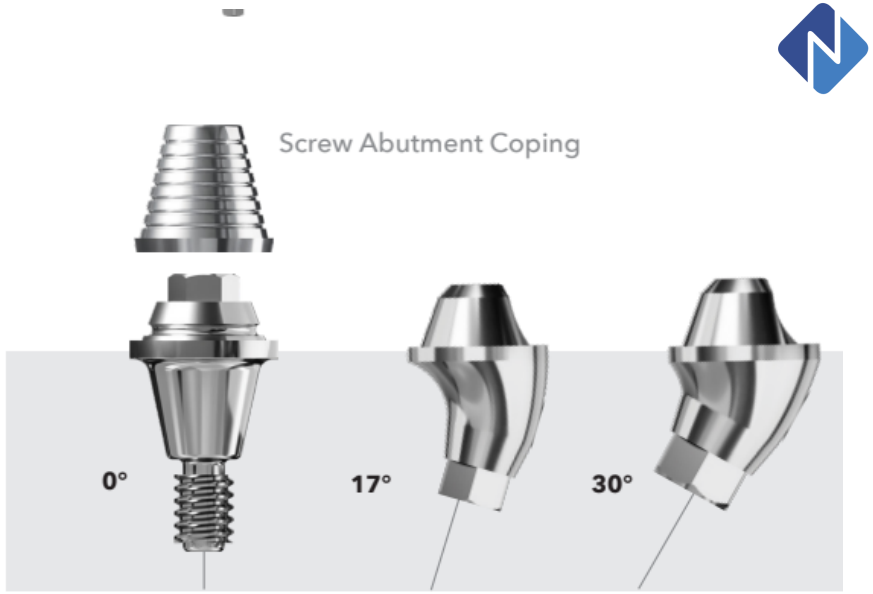
321009U

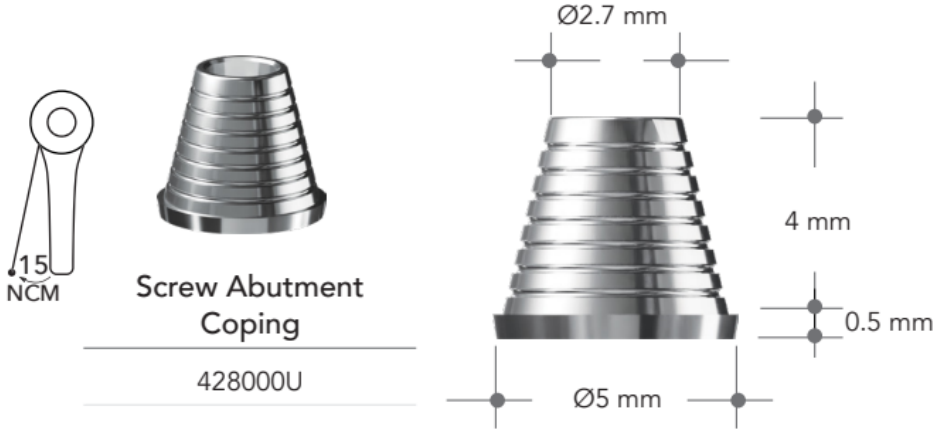
3

Screw Abutment Coping

is used for CAD/CAM restorations on screw abutments. Engaged coping is used for single tooth and non-engaged is for bridges and bars.

**Type A indicates European Type Connection*
Type B indicates Non-European connection





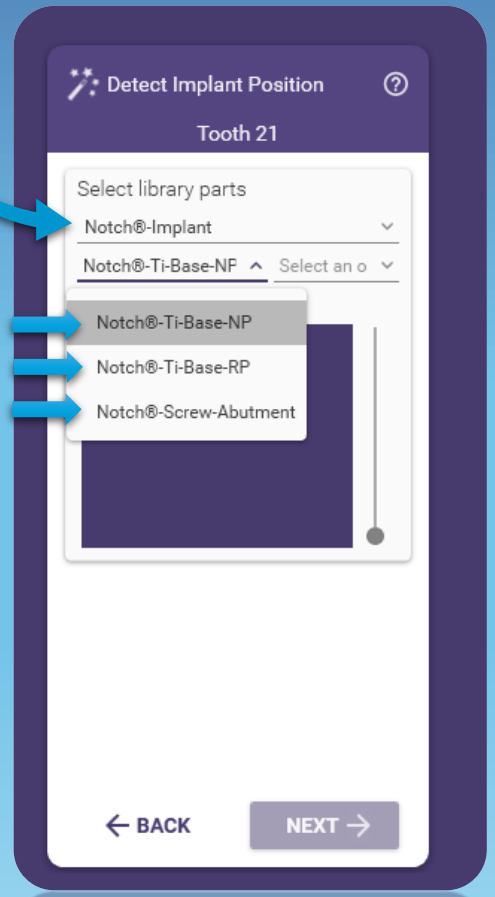
Screw Abutment
Coping

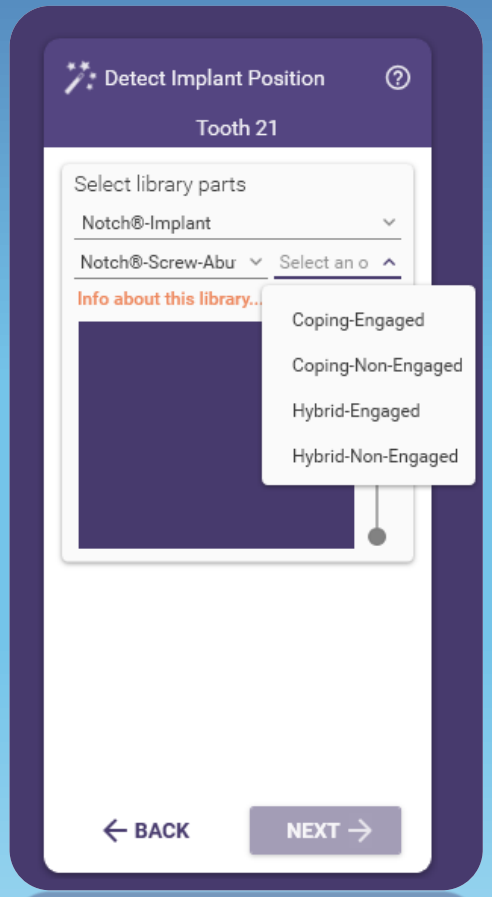
428000U

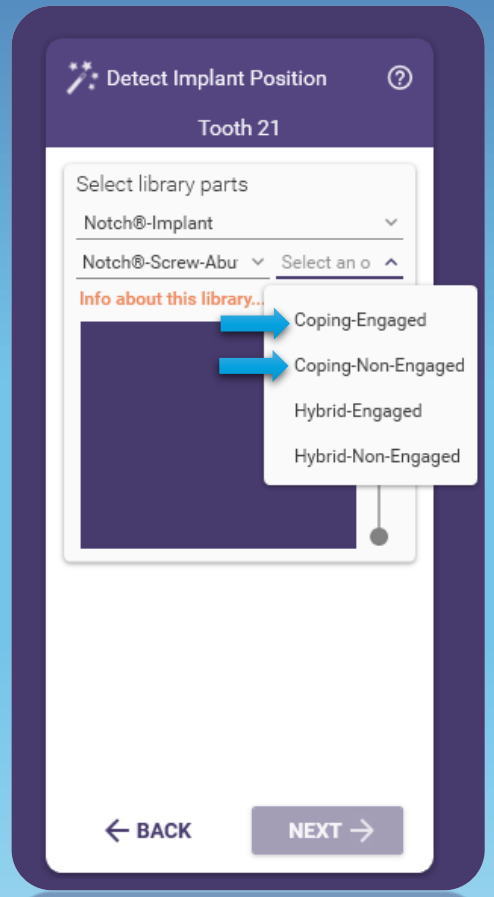
After selecting "Notch-Implant", three options will appear. To proceed with the digital workflow, please select one of the product groups listed below according to your intended application.

If proceeding with the Screw Abutment workflow, platform selection is not required, as a single scan body is used universally across all platforms.
The key point here is to determine whether the restoration will be designed over a screw abutment coping or connected directly to the screw abutment base.

If the restoration will be designed over a screw abutment using a coping, the option starting with "coping" must be selected.
•Coping - Engaged is used for single-unit screw abutment restorations.
•Coping - Non-Engaged is used for bridge designs.

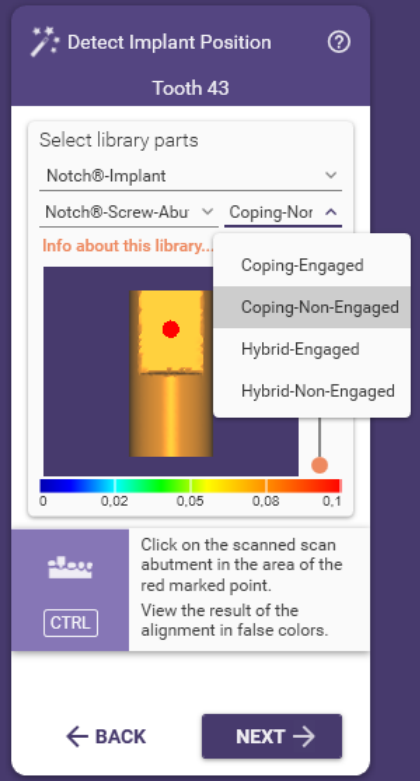


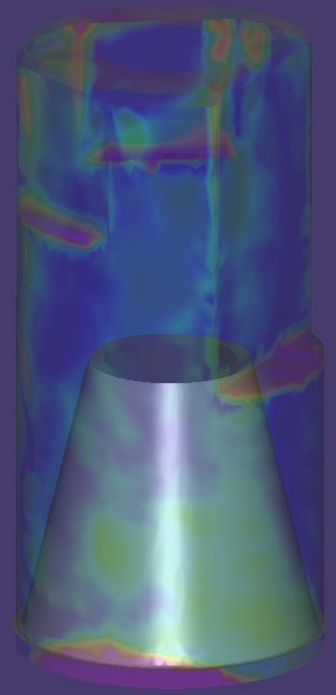


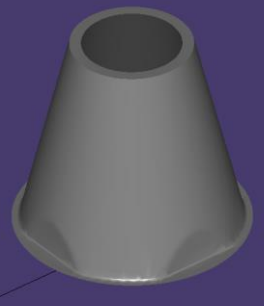


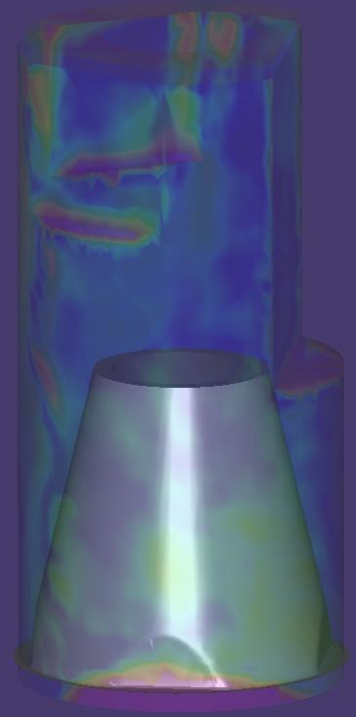
Coping – Non-Engaged:
Suitable for bridge restorations or temporary prosthetics.
The coping is designed to allow a passive fit.
This variant does not include an anti-rotational feature.
In other words, the component seats without any angular guidance.
This allows a tension-free fit in multi-implant restorations.
In this option, a **screw abutment coping** is placed between the restoration and the screw abutment.
This coping is **cemented into the crown** in the laboratory.
Note: Coping Non-Engaged is commonly used in temporary restorations or cemented bridges.

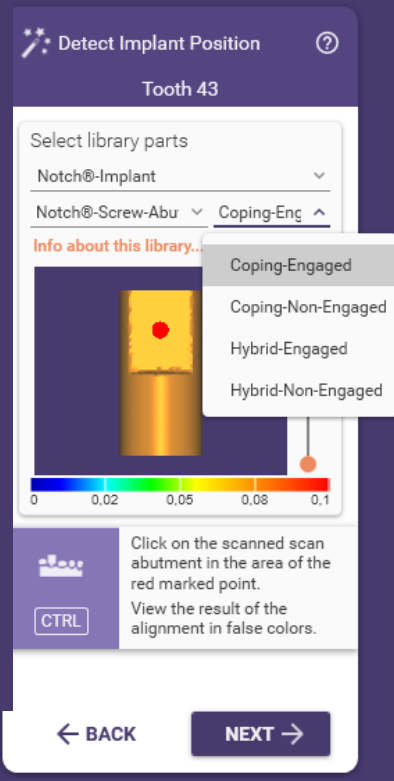
Coping – Engaged :
Suitable for single crown restorations.
In this option, the coping includes an **anti-rotational feature**.
This ensures that the crown seats onto the screw abutment with a **defined orientation**.
It is preferred in **single-tooth restorations** to maintain rotational stability.
As with the non-engaged variant, a **screw abutment coping** is positioned between the restoration and the screw abutment.
The coping is **cemented inside the crown** during laboratory fabrication.
Note: Coping Engaged is typically used in permanent single implant crown restorations.



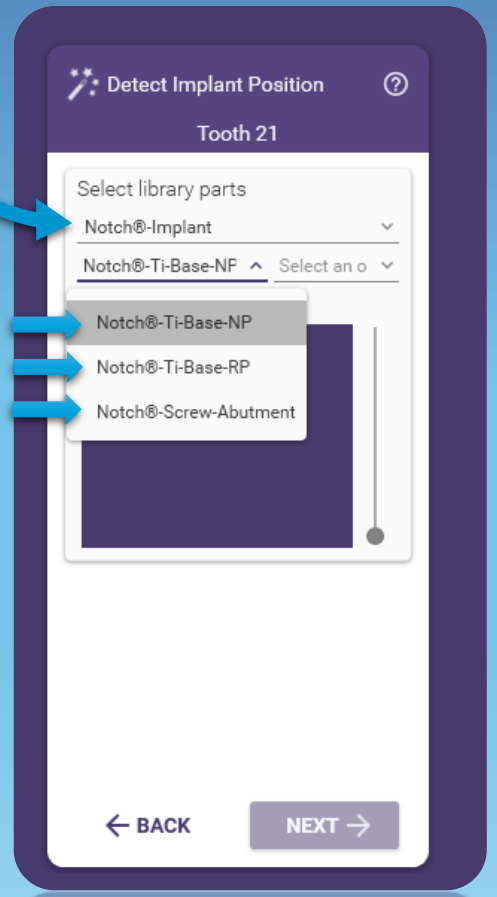




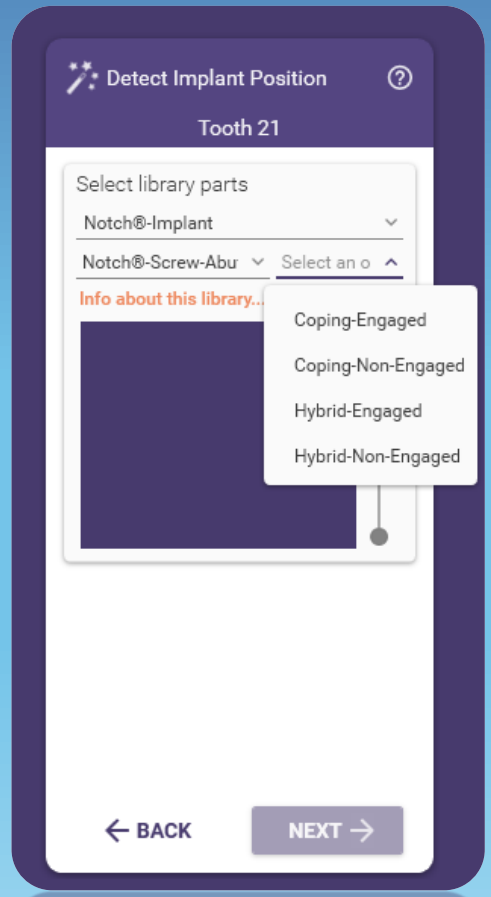




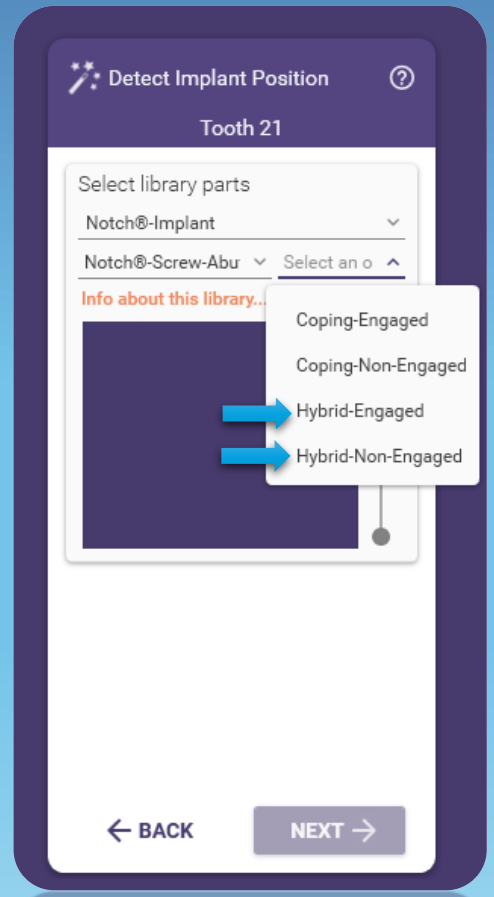
After selecting "Notch-Implant", three options will appear. To proceed with the digital workflow, please select one of the product groups listed below according to your intended application.



If proceeding with the Screw Abutment workflow, platform selection is not required, as a single scan body is used universally across all platforms.
The key point here is to determine whether the restoration will be designed over a screw abutment coping or connected directly to the screw abutment base.



If the design will be created directly over the screw abutment—without using a coping—for a metal bar or similar structure, the "Hybrid" option should be selected.
•Hybrid - Engaged is used for single-unit screw abutment restorations.
•Hybrid - Non-Engaged is used for bridge designs



Hybrid – Non-Engaged:
Includes both coping and screw channel geometry.
This means the restoration connects directly to the screw abutment without any intermediate part.
Because of this, the screw channel is integrated into the design.
The structure combines the functions of both an abutment and a crown.
Being non-engaged, it is suitable for temporary restorations on multiple implants.
Its circular form allows a passive fit, especially ideal for temporary screw-retained restorations.
Note: Hybrid Non-Engaged provides flexibility for temporary or alternative prosthetic solutions produced via CAD/CAM.

Hybrid – Engaged :
Suitable for single crown restorations.
This design combines both **abutment function** and an integrated **screw channel**.
It includes an **anti-rotational feature**, so the crown seats onto the screw abutment with a defined orientation.
No intermediate part is needed; the restoration connects **directly to the screw abutment**.
The screw channel is built into the structure, functioning like a **screw-retained crown**.
Note: Hybrid Engaged is preferred in single implant cases where both stability and retrievability are required.