

# DyTi-Base Product Information

## Dental Wings DWOS

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SWISS CRAFTSMANSHIP FOR DENTAL PROFESSIONALS

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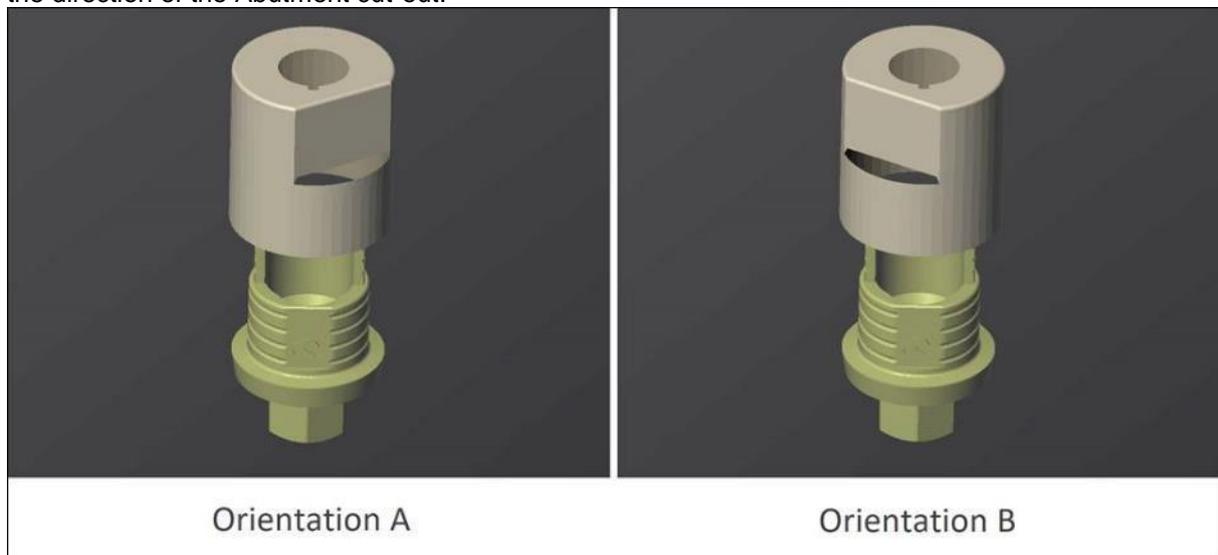
## 1 Introduction

This document contains information on how the DyTi-Base abutment is optimally used in the specific CAD-CAM Software. Please report issues directly to Thommen Medical, should the software provider not be able to solve the issue.

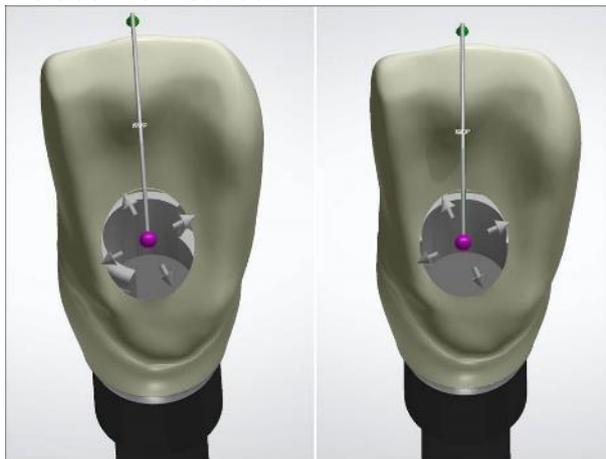
## 2 Scan Abutment Orientation during Scan

The Abutment cut-out allows access to the abutment screw when angulating the screw channel. The Abutment cut-out follows the orientation of the Scanabutment during the scan. Place the Scanabutment with the rotational cut in the direction you would like to orientate the Abutment cut-out and screw channel angulation.

The Abutment cannot be rotated during the design of the crown. It's important that the correct Scanabutment orientation A or B is selected while matching the Scan Abutment, as it cannot be changed once the preparation step has finished. An index on the coronal face of the matching geometry indicates the direction of the Abutment cut-out.

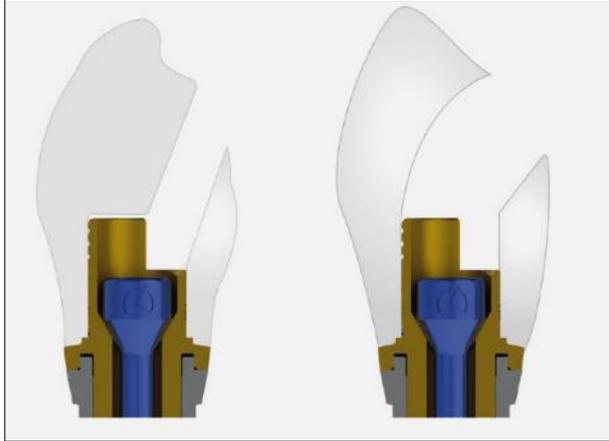


Before finishing the design, make sure to check if the screw channel is within the boundary of the abutment cut-out.



### 3 Difference between captive and removable screw

The only difference between the two options is the diameter and angulation starting point of the screw channel. With the captive screw channel design, the Abutment screw has to be placed inside the abutment before the superstructure is cemented onto the Abutment. The screw channel allows access to the screwhead with the screwdriver only, the abutment screw cannot be removed. The removable Screw channel is large enough to allow abutment screw placement through the screw channel, once the superstructure is cemented onto the abutment. However, the screw channel diameter is larger.



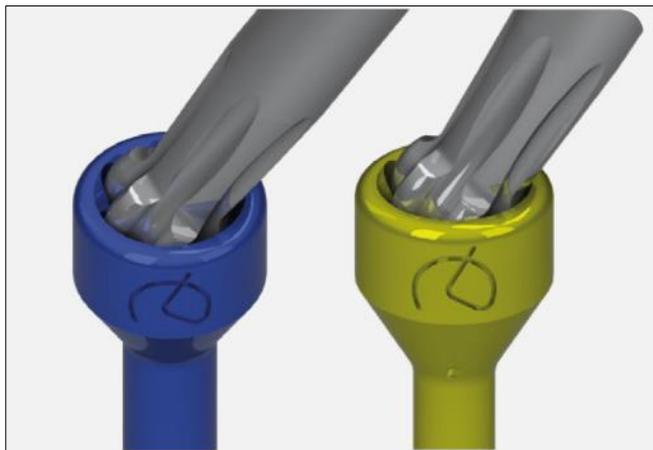
### 4 Portfolio

The product portfolio consists of a short L 4.0 mm Abutment and a long 9.0 mm Abutment that can be shortened to 7.0 or 5.0 mm. All lengths are represented in the CAD-CAM library. Available PF sizes range between PF 3.5 mm to PF 5.0 mm. There are engaging and non-engaging abutments for crown and bridge restorations available, but since the coronal geometry of both variants is identical, only the engaging variant is represented in the Software.



### 5 Abutment Screw and Screw driver

To allow for screw channel angulation, different Abutment Screws and a different Screw driver is to be used. The Screws can be identified by the large head, the 6-Lobe screwdriver connection and the marking on the side of the head. They are colour coded in yellow for PF 3.5 mm and blue for PF 4.0 mm to PF 5.0 mm. The DyTi-Base Screw will not fit into a regular Thommen Medical Abutment, however a regular Thommen Medical Abutment screw will fit into a DyTi-Base abutment. We advise against using a regular Abutment Screw in a DyTi-Base Abutment.



## 6 Contact

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