

tiologic[®]
TWINFIT

30
years
DENTAURUM
IMPLANTOLOGY

CAD/CAM TITANIUM BASE VARIO

Custom solutions start at the base

TITANIUM BASE VARIO



Integrated separation
notches for easy height
adjustment



Optional fenestration for
straight and angled screw
channels up to 20°

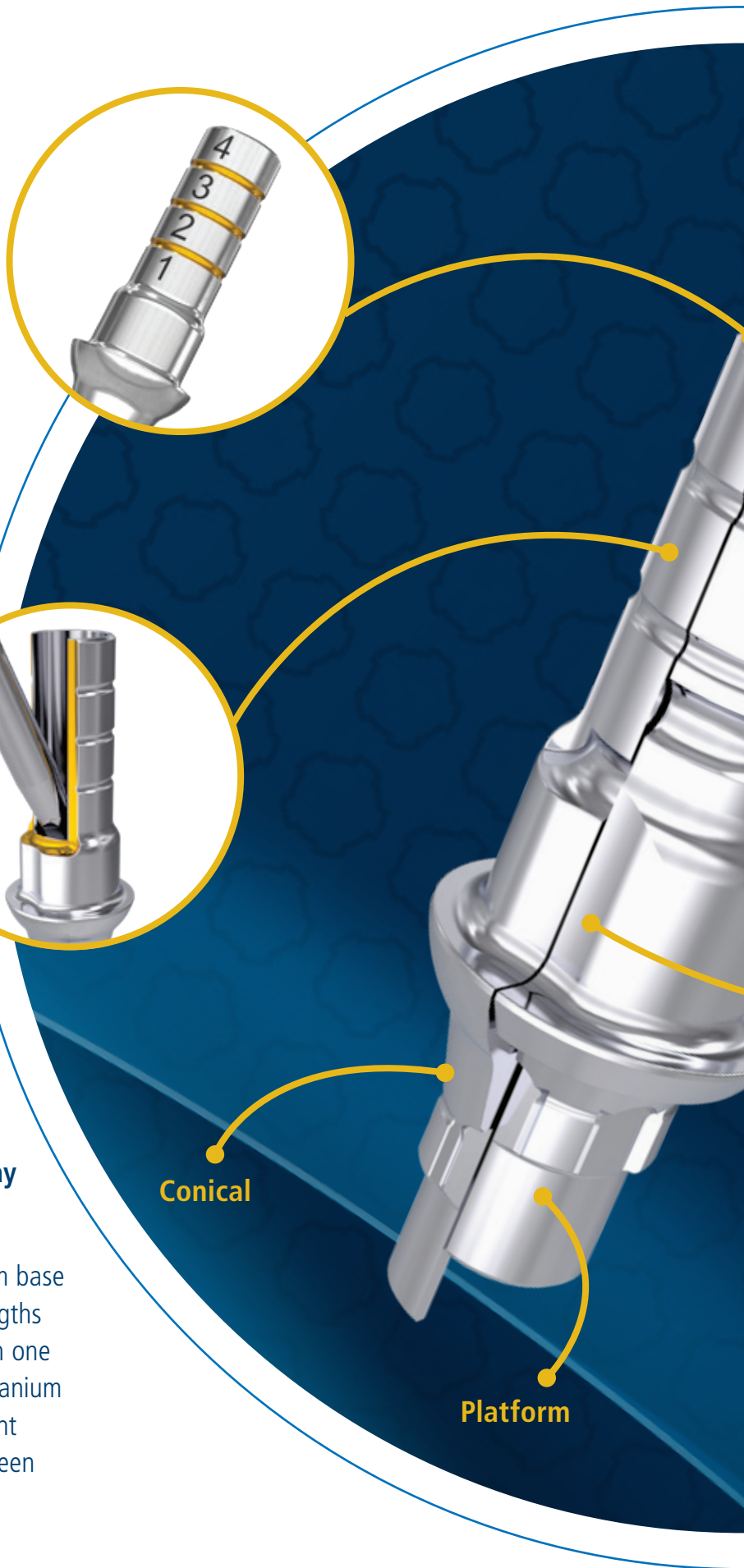


**Complicated was yesterday
— today, it's VARIO!**

The tioLogic® TWINFIT CAD/CAM titanium base VARIO offers 4 individually adjustable lengths and an angled screw channel up to 20° in one product. With every tioLogic® TWINFIT titanium base VARIO, the implantologist and patient benefit from the freedom to choose between conical and platform.

Conical

Platform



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8.5 mm

7.0 mm

5.5 mm

4.0 mm

8.5 mm-high
bonding cylinder



Inner antirotational
mechanism for precise
positioning at maximum
material thickness



Wide contact surface with
smooth tension profile to
minimize the adhesive gap

TITANIUM BASE VARIO

THE CHARACTERISTICS IN DETAIL



Integrated separation notches for easy height adjustment

- Easy customization to shorter chimney heights: 4.0 mm / 5.5 mm / 7.0 mm
- High stability even with open fenestration for the angled screw channel
- Easy selection of the shortened height in the digital data set through numbering



Optional fenestration for straight and angled screw channels up to 20°

- For use with a straight or angled screw channel
- Maximum angulation of up to 20° is possible
- Transfer of the screw channel to an aesthetically non-visible area



Wide contact surface with smooth tension profile to minimize the adhesive gap

- Reduction of the adhesive gap through structure-friendly design
- Optimized transition to the gingival area
- Maximum material thickness of the restoration thanks to the wide contact surface



8.5 mm-high bonding cylinder

- Supports high restorations with an 8.5 mm chimney height
- Increased adhesive surface
- Clearly marked scale for easy customization



Inner antirotational mechanism for precise positioning at maximum material thickness

- Easy positioning and secure antirotational mechanism
- Maximum material thickness of the restoration thanks to the internal antirotational mechanism
- Prevention of thin-walled transitions and ceramic fractures



Abutment switch: conical and platform connector geometry

- 2 different gingival heights:
 - Conical: 1.6 mm
 - Platform: 0.6 mm
- Slim and optimized emergence profile
- Support and protection of soft tissue



Scan abutment
titanium M,
tioLogic® TWINFIT



CAD/CAM titanium base VARIO,
tioLogic® TWINFIT, conical

It is possible to open the adhesive cylinder of the titanium base on a pre-prepared surface **1** for an angled screw channel. In order to achieve the correct angle when planning, the scanning surface **2** on the scan abutment and the desired exit of the angled screw channel **1** must be on the same side. The cam of the inner connection **3** is located on the opposite side in both cases.



The data sets for the tioLogic® TWINFIT titanium bases VARIO are available in the following libraries: **exocad** **3shape**

WORKFLOW

TIOLOGIC® TWINFIT CAD/CAM TITANIUM BASE VARIO



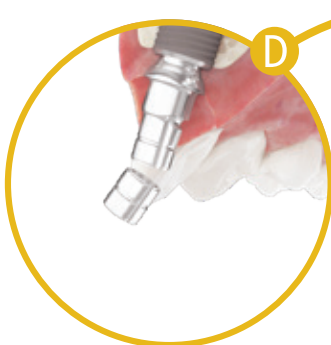
Intraoral scanning — observe the scan body orientation for the angled screw channel



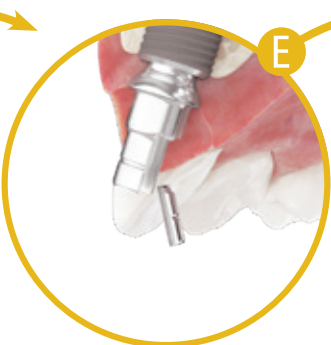
Selection of the appropriate abutment height in the design software



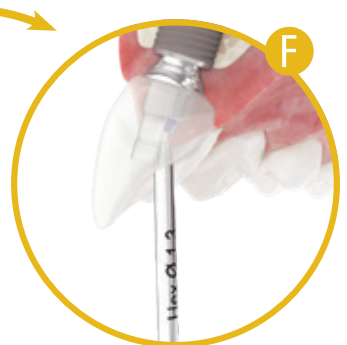
Design based on the selected abutment height, incl. screw channel angulation



Customizing the chimney height according to the digital design



Opening the fenestration for the angled screw channel according to the digital design



Relocation of the screw channel by up to 20° possible



CAD/CAM titanium base VARIO M in situ, incl. prosthetic restoration



CONTACT
DENTAURUM

Dentaurum GmbH & Co. KG



Turnstr. 31
75228 Ispringen · Germany



info@dentaurum.com
www.dentaurum.com



+49 72 31/803-0



ONLINE SHOP
SHOP.DENTAURUM.COM