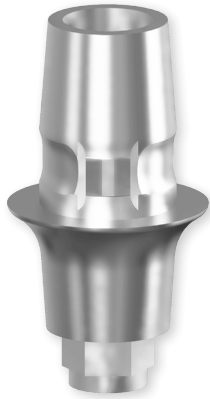




PROTOCOL

CEREC® compatible Ti-Bases



Customize your prosthetic restorations with your CEREC®

For optimal use with your CEREC® system we have developed Ti-Bases for our implants which will enable you to produce implant-supported CAD/CAM restorations in your dental practice.

No need to update your software or to download extra libraries, the TBR Ti-Bases are already compatible with your software.

		TBR Ti-Bases for CEREC®				Corresponding Ti-Base codes in the CEREC software®			
	Implant Platform Ø diam.	Gingival height (mm)				Block S	Shoulder Ø diam. S	Block L	Shoulder Ø diam. L
		0,7	1,5	3,0	5,0				
	Ø3.2	M-TBSS307 ⁽¹⁾	M-TBSS310 ⁽¹⁾	M-TBSS330 ⁽¹⁾	M-TBSS350 ⁽¹⁾	FX 3.4 S	Ø3.9	N/A	N/A
		M-TBS307	M-TBS310	M-TBS330	M-TBS350	N/A	N/A	AT OS 3.5/4.0	Ø4.4
		Ø3.9	M-TBS407	M-TBS410	M-TBS430	M-TBS450	N/A	N/A	AT OS 3.5/4.0
Ø4.7	M-TBS507	M-TBS510	M-TBS530	M-TBS550	N/A	N/A	AT OS 4.5/5.0	Ø5.0	
	Implant Platform Ø diam.	Gingival height (mm)				Block S	Shoulder Ø diam. S	Block L	Shoulder Ø diam. L
		0,5	1,5	3,0	5,0				
	Ø3.5	O-TBSS300 ⁽¹⁾	O-TBSS310 ⁽¹⁾	O-TBSS330 ⁽¹⁾	O-TBSS350 ⁽¹⁾	FX 3.4 S	Ø3.9	N/A	N/A
		O-TBS300				N/A	N/A	AT OS 3.5/4.0	Ø4.4
	Ø4.0	O-TBS400	O-TBS410	O-TBS430	O-TBS450	N/A	N/A	AT OS 3.5/4.0	Ø4.4
Ø5.0	N/A				N/A	N/A	AT OS 4.5/5.0	Ø5.0	
	O-TBS500	N/A	N/A	N/A	N/A	N/A	AT OS 4.5/5.0	Ø5.0	
	Implant Platform Ø diam.	Gingival height (mm)				Block L	Shoulder Ø diam. L		
		0							
	Ø3.2					AT OS 3.5/4.0	Ø4.4		
		Ø3.9	ZM-TBS000				AT OS 4.5/5.0	Ø5.0	
Ø4.7							B O 5.0	Ø6.0	
	Implant Platform Ø diam.	Gingival height (mm)				Block L	Shoulder Ø diam. L		
		0							
	Z1-infinity Ø3.5					AT OS 3.5/4.0	Ø4.4		
	Z1-Connect Ø3.5 Ø4.0	ZC-TBS000 ⁽²⁾				AT OS 4.5/5.0	Ø5.0		
Ø5.0						B O 5.0	Ø6.0		

(1) These codes require «S» blocks while all the rest require «L» blocks.

(2) The ZC-RLT000 Teflon analog is to be used in order to glue the machined ceramics on the Ti-Base.



PROTOCOL

CEREC® compatible Ti-Bases

How to use the Ti-Bases?

- 1** Choose a Ti-Base corresponding to the implant diameter and to the clinical case (gingival height and shoulder diameter). Place and screw the Ti-Base onto the implant or onto the analog, according to the type of scanner to be used.
- 2** The TBR Ti-Base and the Sirona ScanBody guide grooves must be aligned. The ScanBody must correspond to the type of scanner to be used. Plug the ScanBody onto the Ti-Base so that there are no vertical gaps between the ScanBody and the Ti-Base shoulder (fig. 1). Perform a control X-ray.
- 3** In the CEREC® software (fig. 2) first select «Ti-Base», then the block to be used and then the code of the ScanBody, corresponding to the Ti-Base of the implant placed, according to the correspondence table indicated above.
- 4** Scan the Ti-Base topped by the ScanBody together with its immediate environment (fig. 3), then point the top of the ScanBody pyramid when requested by the software.
- 5** The software will then replace the ScanBody with the corresponding Ti-base (fig. 4). Visually check the coherence of the representation (position, diameter, orientation).
- 6** Design then mill the mesostructure according to the CEREC® operating instructions (fig. 5).
- 7** After milling, remove the ScanBody and assemble the mesostructure with the Ti-Base while checking their compatibility. Then glue them together with PANAVIA F 2.0, according to the manufacturer's protocol. Cover the head of the abutment screw with wax. When dealing with a Z1 implant, use the Teflon analog. Only the surfaces intended for gluing might be sandblasted, making sure that the contact surfaces between the Ti-Base and the implant are protected.

Guide grooves

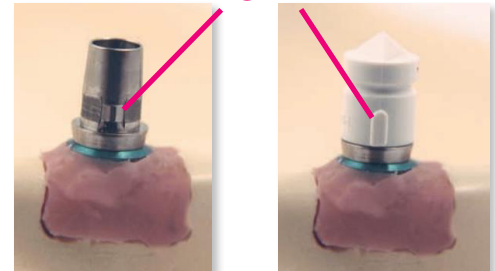


Fig. 1 : TBR Ti-Base with and without Sirona ScanBody



Fig. 2 : Choice of the «ScanBody code»

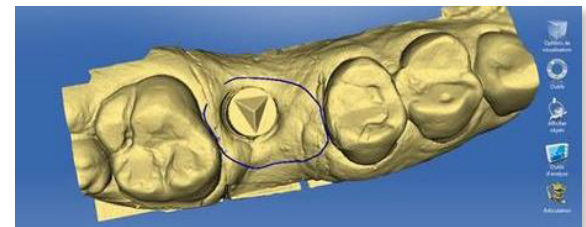


Fig. 3 : Scan of the environment and indication of the top of the pyramid of the Sirona ScanBody

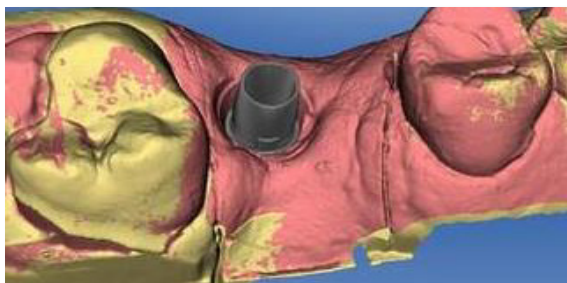


Fig. 4 : Application of the Ti-Base on the scanned environment



Fig. 5 : Representation of the prosthesis in the CEREC software

N.B. : This protocol doesn't replace the CEREC® software operating instructions. It serves as a guide for the steps specific to the use of the TBR Ti-Bases. For more information, see the relevant user manuals.