PROTOCOL - Connecting base

Range M

TBR® CONNECTING BASE

Connecting base profiles

	For Tissue Level implants		For Bone Level implants			
Connection	M					
Indexation	Engaging	Non-engaging	Engaging		Non-engaging	
Associated screws						
Representation of connecting bases						
Gingival heights (mm)	-		0,7	1,5	0,7	1,5
Coronal height (mm)	3					

Compatible instruments

Hexagonal manual screwdrivers

Ref. A-CHL301
Ref. A-CHM265
Ref. A-CHC216
Ref. A-CHB165

4 lengths available

Hexagonal screwdriver for torque ratchet wrenches

Ref. A-ME007
Ref. A-ME006

2 lengths available

Extractors for connecting bases M :

Long extractor
for M abutments with shoulder ≥ 1.5mm and for Z1-M abutments.

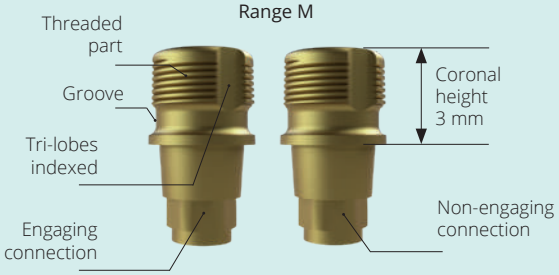
Ref. A-EXT240

Short extractor
for M abutments without shoulder and shoulder of 0,7 mm.

Ref. A-EXT230

*All product codes are available in the TBR product catalogues - **Z-AZ1** & **Z-ABONELEVEL.***
Packaging: Individual bag with 3 detachable and repositionable traceability labels. The connecting bases are supplied with identical 2 screws: a laboratory screw and a permanent screw.

Composition of TBR® connecting bases
Range M



FEATURES:

- Increased isometric retention on 3 levels *(threaded part, triple lobes, groove)*
- Secure crown indexing
- Gold-coloured surface finish
- Engaging or non-engaging connection
- Single use
- Supplied non-sterile
- Supplied with 2 crews

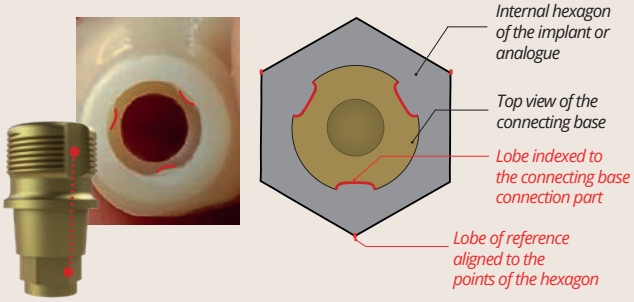
The connecting base is selected based on the TBR® dental implant range used, the implant diameter, the gum height and the choice of single or plural restorations.

1 - Crown design into the dental lab

CROWN DESIGN

Visual recording of a reference lobe on the connecting base using the flat surface of the scanbody.

INDEXING THE CROWN ON THE CONNECTING BASE

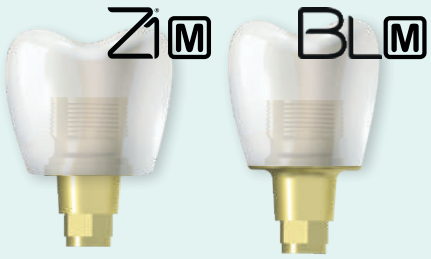


Three positions of the crown on the connecting base.

The CAD design of the crown on non-engaging connecting bases is carried out in the same way as for engaging connecting bases, with the same reference in the 3D CAD component libraries.

For more information, please refer to the TBR® connecting base user manual - Ref. C-NOTP506 - available at ifu.tbr.dental.

2 - Bonding the crown



For bonding the crown to TBR® connecting bases, we recommend the following adhesive:

"PANAVIA ™ V5" - (https://www.kuraraynoritake.eu/fr)

Please refer to the adhesive manufacturer's recommendations regarding the bonding protocol.

- **For Tissue Level (TL) implants M**

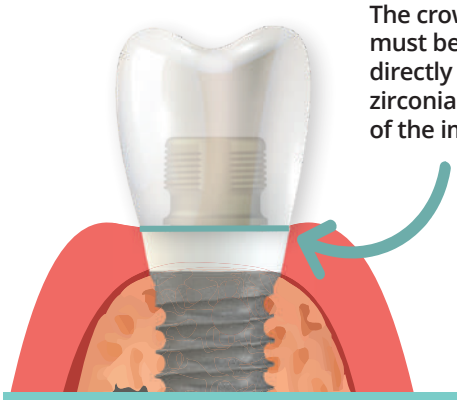
⚠ CROWN BONDING ONLY IN THE MOUTH

Once the crown has been made by the dental lab, the connecting base and the final crown will be delivered to the practitioner unattached.

This is **because the crown must be bonded to the connecting base in the mouth and not in the dental lab** for mechanical reasons due to the Morse taper connection.

Placement of the connecting base and crown detailed on page 3: **3 - Placement of the prosthetic restoration with engaging and non-engaging TBR® connecting bases**.

Situation in the dental lab



Situation in the mouth

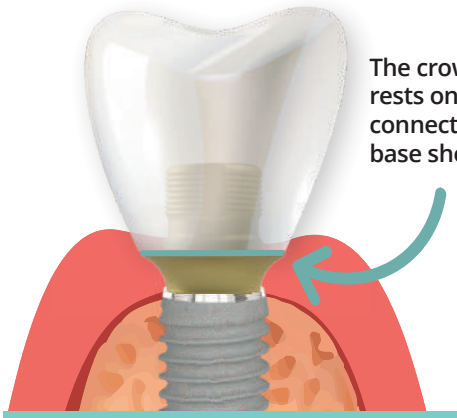
- **For Bone Level (BL) implants M**

Cement the crown onto the TBR® connecting bases for Bone Level implants.

It is possible to print a resin model with integrated TBR® universal analogs available in 3D CAD component libraries.

The same protocol applies to non-engaging connecting bases.

Situation in the dental lab



Situation in the mouth

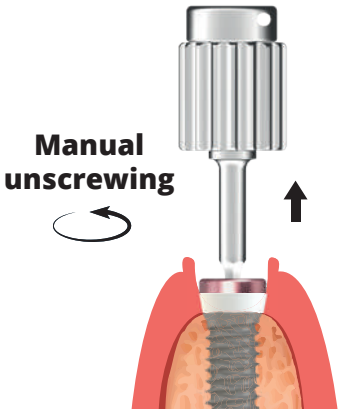
For more information, please refer to the TBR® connecting base user manual - Ref. C-NOTP506 - available at ifu.tbr.dental.

3 - Placement of the prosthetic restoration with engaging and non-engaging TBR® connecting bases

- For Tissue Level (TL) implants M

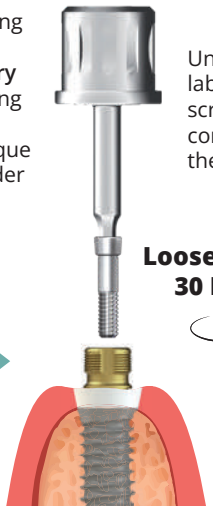
Upon receipt of the prosthetic restoration, clean and sterilise the prosthetic restoration, the connecting base and the final prosthetic screw.

Remove the implant cover screw using the TBR® hexagonal screwdriver.

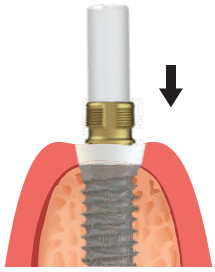


Position the connecting base in the implant. Tighten the **laboratory screw** to 30 N.cm using the TBR® hexagonal screwtool and its torque ratchet wrench in order to engage the Morse taper.

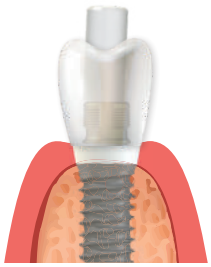
Unscrew the laboratory screw from the connecting base in the implant.



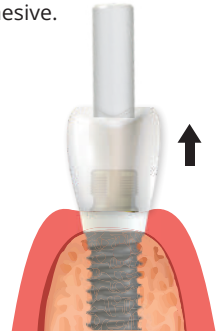
Seal the screw hole in the connecting base with the Teflon rod provided while the adhesive polymerises.



Using the lobes, glue and index the prosthetic restoration onto the connecting base.



Remove the Teflon rod at the end of the polymerisation of the adhesive.

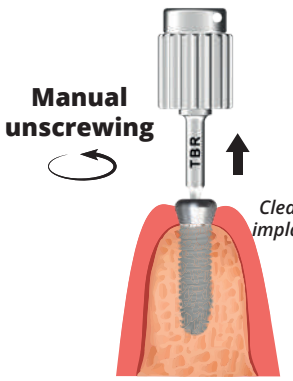


Tighten the final screw to 30 N.cm using the TBR® hexagonal screwtool and its torque ratchet wrench.

Ensure that adjust the prosthetic restoration and screw using radiographic control. Seal the screw head. Close the screw hole with composite.

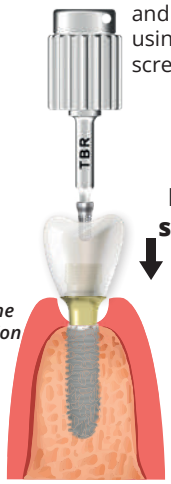
- For Bone Level (BL) implants M

Upon receipt of the prosthetic restoration made and bonded by the dental lab, unscrew and remove the healing screw using the TBR® hexagonal screwdriver.

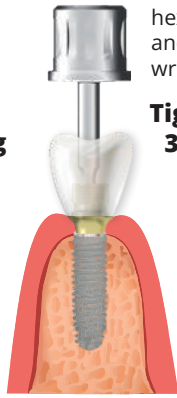


Clean and dry the implant connection

Position the prosthetic restoration in the implant and engage the final screw using the TBR® hexagonal screwdriver.



Tighten the final screw using the TBR® hexagonal screwtool and its torque ratchet wrench.



Ensure that the prosthetic restoration and screw fit perfectly by checking with an X-ray. Seal the screw head. Close the screw well with composite.

**For maintenance, use the abutment extractor [Ref. A-EXT240 (long) or A-EXT230 (short)] to desactivate the Morse taper of the M connecting base of the implant once the final screw has been removed.*

For further information, please refer to the TBR® connecting base user manual - Ref. C-NOTP506 - available at ifu.tbr.dental.