



# In-Kone® TECHNICAL SHEET

## Chapter 4: Single prosthesis

### Section 4-5: Ø 5.5 mm bases



ZI de Sacuny  
118 Avenue Marcel Mérieux, 69530 BRIGNAIS, FRANCE  
Tel: +33 (0)4 78 56 97 00 – Fax: + 33 (0)4 78 56 01 63  
www.globald.com

This document aims to clarify the recommendations to use  
Ø 5.5 mm bases

These ones are designed to place personalized abutments or  
personalized screw-retained teeth at the laboratory.

#### Ø5.5 base's choice



Periodontal height g (mm)	Emergence diameter (d)
	Ø 5
1.5	DEVCI5.5H1.5
2.2	DEVCI5.5H2.2
3	DEVCI5.5H3
4	DEVCI5.5H4

#### Necessary material

Hexagonal  
screwdriver



DCM1.2H (C/ L)

Abutment  
driver



DPFMPCIC-2

Extractor



DEMPCI2( /L)-2

Prosthetic screw



DVPCI

Laboratory screw



DVPLABCIH2-8

Torque wrench\*

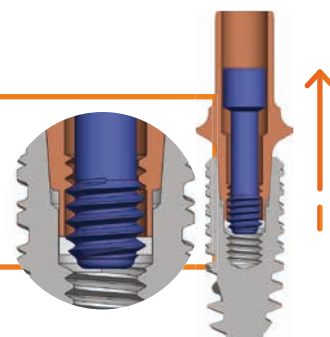


DCDYN-2



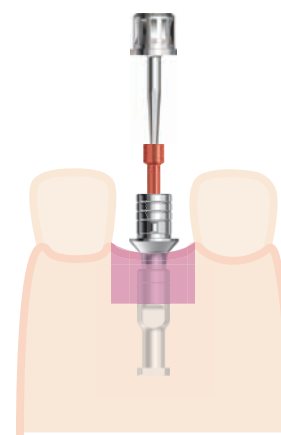
#### Removal of the screw

Ø 5.5 mm bases are fitted with a tapping extraction located at the level of the implant connection which retains the screw. In order to remove the screw (laboratory or prosthesis), make sure to lift the screw together with the unscrewing movement without disengaging the screw from the screwdriver.



#### Steps performed by the dental technician

- 1 - Select in your CAD software the periodontal height according to the emergence profile.  
If necessary, choose the base shortened to 3 mm depending on the available occlusal space.
- 2 - If necessary physically shorten the base.
- 3 - Screw the laboratory screw through the base on the model, using the hexagonal screwdriver.
- 4 - Try the framework on the base.
- 5 - Realization of the cosmetic.
- 6 - Unscrew the base of the model using the hexagonal screwdriver.
- 7 - Proceed with bounding according to the manufacturer's recommendations.
- 8 - Set up the screw-retained tooth on the model. Make the last adjustments.



(Step 3)



By no means the connection of the abutment must be adjusted.  
To make modifications, it is possible to use a grinding handle (AMP).

## Steps performed by the dentist



**5** - Carry the screw-retained tooth in the mouth thanks to the abutment driver, screwed beforehand on the base. Impact slightly the base, unscrew the abutment driver.

**6** - In the mouth, screw the prosthetic screw in the screw-retained tooth using the hexagonal screwdriver. Check the tightening torque (15 N.cm) using the torque wrench.

**7** - Block the access to the screw to protect it.



Observe the tightening torque (max. 15 N.cm) to ensure proper operation on the base.

## In case of prosthesis maintenance



**1** - Clear the access to the screw. Clean the screw head (with powerful air / water jet).

**2** - Impact the hexagonal screwdriver and unscrew the screw from the base using the hexagonal screwdriver.  
Use the torque wrench if necessary.  
(See **removal of the screw** on the 1st page).

**3** - Disengage the screw-retained tooth using the associated extractor and the torque wrench if necessary.

## Additional information

Cleaning and maintenance procedures must be consulted before using the product. The instructions can be found on our website: <http://doc-globald.com/0197.pdf>.

