

Instruction Manual

Zfx™ Pre-milled Abutment Blank Holder, Standard

Version: 1/05.2020
 Compiled at: 15.05.2020
 Effective date: 15.05.2020
 Replaces version:
 Page 1 of 2

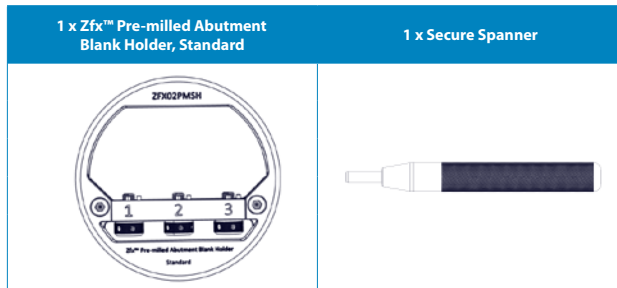


Indications for Use

The Zfx™ Pre-milled Abutment Blank Holder is intended to hold the Pre-milled Abutment Blank in place within the milling machine during the milling process of the patient specific abutment. The Zfx™ Pre-milled Abutment Blank Holder is intended to be permanently affixed into a standard puck holder.

Device description

The Zfx™ Pre-milled Abutment Blank Holder is packaged with the following components:



The Zfx™ Pre-milled Abutment Blank Holder is compatible with Zfx™ & Zfx™ GenTek™ Pre-milled Abutment Blanks (including calibration blanks), containing prefabricated connection geometries. The holder can hold a maximum of 3 Pre-milled Abutment Blanks.

Note: The Pre-milled Abutment Blank Standard Holder can be used on all machines which support standard puck holders that are 98 mm in diameter and 10 mm in height.



Procedure

1. Installation

- ✗ The Zfx™ Pre-milled Abutment Blank Holder must be married to the standard puck holder. Consult machine or CAM Provider for installation process and support.
- ✗ The holder must be orientated to the standard puck holder and the axis of the machine. The following demonstrates holder positioning:

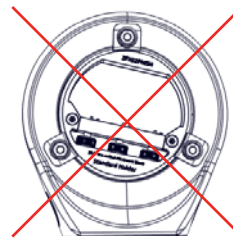
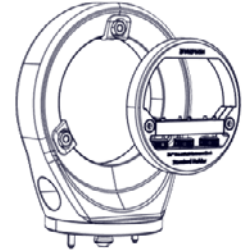


Figure 1. Incorrect Positioning of married unit

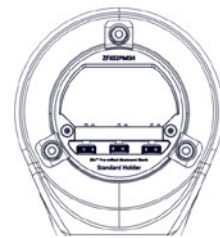


Figure 2. Correct Positioning of married unit

2. Calibration

- ✗ Prior to first time use or during periodic machine maintenance, the married unit must be calibrated using a calibration blank, Figure 3. The calibration Blank is used to confirm the positioning of the holder and blank within the machine.
- ✗ The holder contains 3 clamping positions. The 3 clamping positions are used to hold a maximum of 3 Zfx™ & Zfx™ GenTek™ Pre-milled Abutment Blanks (and calibration blanks). For calibration, all 3 calibration blanks need to be installed and milled.
- ✗ Measure the milling result and, if applicable, correct any deviation in the CAM holder definition



Figure 3. Zfx™ GenTek™ Calibration Abutment Blank, Art.° ZFX18-CALIB.

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Page 2 of 2



3. Mounting Pre-Milled Abutment Blanks

- × Prior to assembling the Pre-milled Abutment Blanks to the married unit, wipe the married unit and the Pre-milled Abutment Blank with a dry, lint-free cloth.

Note: Moisture or dirt present on the Pre-milled Abutment Blank may result in an unfavorable milling outcome.

- × The Pre-milled Abutment Blanks have three notches for orientation. Orient the blank notches to the three pins on the holder (*Figure 4*).
- × Using the secure spanner tool, tighten the Pre-milled Abutment Blanks onto the blue screws until the blanks are fully seated (*Figure 5*).

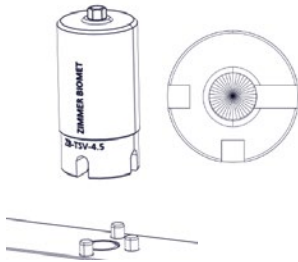


Figure 4.

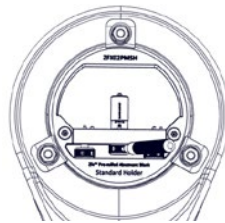


Figure 5.

Maintenance

Outside of the periodic calibration of the holder, refer to the milling machine manufacturer for maintenance instructions of the machine.

Information on Manufacturer



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