

# Instruction Manual

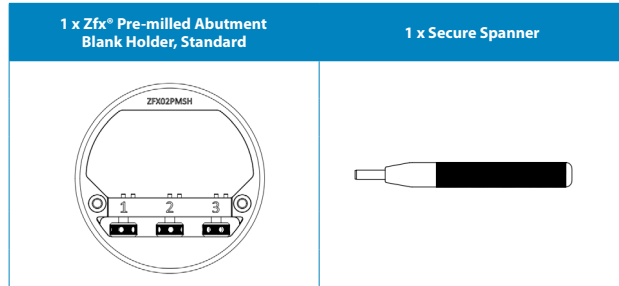
## Zfx® Pre-milled Abutment Blank Holder, Standard



Version: 2 / 02. 2025, Replaces version: 1 / 05. 2020

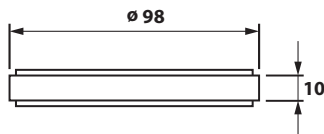
### Product Description

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



The Zfx® Pre-milled Abutment Blank Holder is compatible with Zfx® and 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 98mm in diameter and 10mm in height.



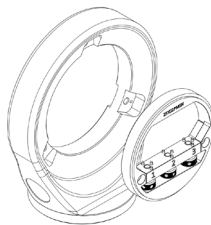
### Intended Purpose

The Zfx® Pre-milled Abutment Blank Holder is intended to hold the Zfx® and GenTek® 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.

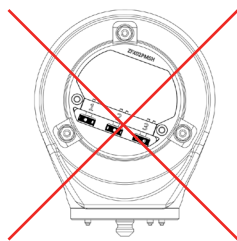
### Procedure

#### Installation

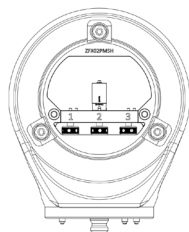
The Zfx® Pre-milled Abutment Blank Holder must be married to the standard puck holder. Consult machine or CAM Provider for installation process and support.



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.

#### 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® and 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:** GenTek® Calibration Abutment Blank, Art.° ZFX18-CALIB.

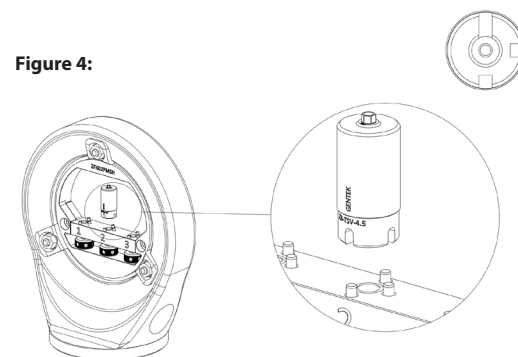
#### Mounting Pre-Milled Abutment Blanks

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.

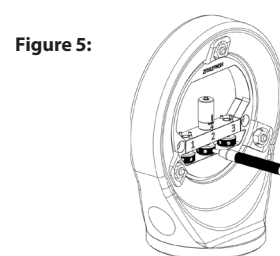
**Note:** Moisture or dirt present on the Pre-milled Abutment Blank may result in an unfavorable milling outcome.

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:**

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### Maintenance

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

### Manufacturer Information



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### Explanation of symbols

Symbol	Title of Symbol (acc. to ISO 15223-1)	Meaning of Symbol
	Catalogue number	Indicates the manufacturer's catalogue number so that the medical device can be identified.
	Manufacturer	Indicates the medical device manufacturer and the date of manufacture (yyyy-mm-dd) as well.
	Batch code	Indicates the manufacturer's batch code so that the batch or lot can be identified.
	Unique Device Identifier	Indicates a carrier that contains unique device identifier information.
		Indicates the quantity/unit of package content.

