

PITT-EASY® Locator® Instructions





| Ideal for cases with limited available space

The Locator® Implant Attachment System

The Locator Implant Attachment System is provided for use in the edentulous maxilla and mandible.

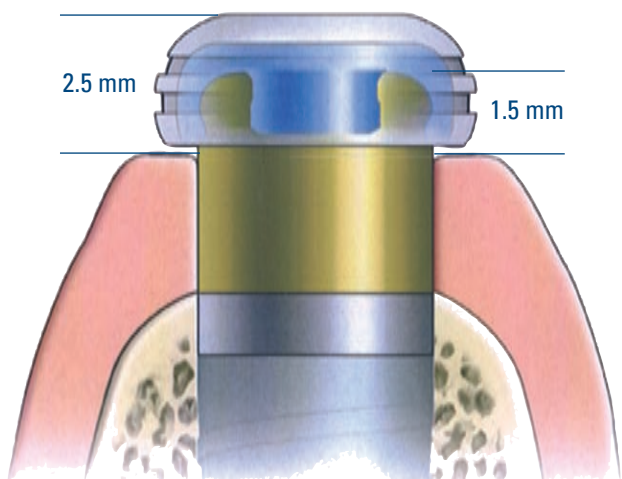
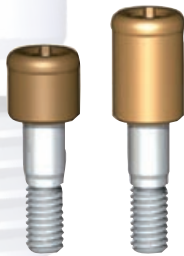
The Locator Abutment is a connection element with self-aligning function. This feature will aid patients in seating their denture and eliminate additional wear of the Nylon Replacement Males from improper seating. Due to the long-term function of the males, a replacement is only necessary in longer time intervals.

With the minimal vertical height required for the Locator of only 2.5 mm that includes working-end 1.5 mm of the Abutment and Denture Cap with Nylon Replacement Male above gingival level, the Locator is ideal for cases with limited available space.

Important: Select the Collar height of the abutment to protrude with the functional part completely from the gingiva. The Locator can also accommodate up to 40° divergence between implants.

Caution - please note:

To avoid overloading, implants of 3.25 mm diameter should not exceed a maximum divergence of 10°.



| Processing of the Locator®

In principle, there are two different processing modalities:

1. After exposure of the implants and insertion of the conical Pitt-Easy Healing Abutments, the conventional impression is taken by an open or by a closed impression technique with the corresponding Impression Copings of the Pitt-Easy system. The dental technician selects the corresponding Locator Abutments and performs the processing on the master model within the laboratory.
2. The second possible method describes the direct

impression of the Locator Abutments in the mouth of the patient. The conical Healing Abutments are replaced by the original Locator Abutments.

- Remove the Healing Abutments (use the Hex Driver, item No. 90623) and measure the gingival thickness.
- Select the corresponding collar heights of the Locator Abutments. Screw on the abutments to the implants (Locator Abutment Driver, item No. 8317), tighten with the Torque Wrench (item No. 90239) with 25 Ncm (*see Fig. 1+2*).
- Insert the Locator Impression Copings (item No. 8505) (*see Fig. 3*)

a) for impression taking with an individual tray:

Insert the Locator Female Analogs (item No. 8530) and prepare the master model with plaster (class IV), (*see Fig. 4*)

or

b) for impression taking with the existing overdenture:

The denture must be abraded internally in the positions of the Impression Copings so that they do not have contact with the denture. If this is impossible in narrow spaces, the impression can be taken directly over the original Denture Caps (with Black Processing Male (item No. 8515). Since the housings come off the impression material, they should be



Fig. 1

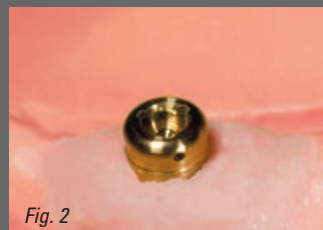


Fig. 2

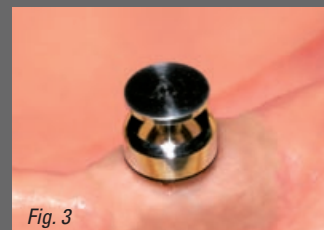


Fig. 3



Fig. 4



Fig. 5



Fig. 6

connected with the Female Analogs (item No. 8530) and replaced into the impression.

Use of the Male Processing Package (item No. 8519) for finishing the prosthesis:

- Fixation of the white block out spacer (*see Fig. 5*), insertion of the Denture Cap with Black Processing Male inserted (*see Fig. 6*).
- Block out any undercuts.
- Final preparation of the prosthesis.
- Replacement of the Black Processing Male (item No. 8515) by the appropriate Nylon Replacement Male using the Locator Core

Tool (item No. 8393) (*see Fig. 7-10*).

Use of the three part Locator Core Tool (item No. 8393):

- The gold-colored end piece of the Core Tool (Abutment Driver) serves as Locator Key to screw on and screw off the abutments on the model (*see Fig. 11*). When disconnected from the handle, it can be used intra-orally.
- The silver-colored end piece of the Core Tool (Male Removal Tool) (*see Fig. 12*) serves to remove the Processing Males and the Nylon Replacement Male from the Denture Cap. At first, the insertion instrument is screwed off the

handle to immobilize the removal pin. Now the male part can be removed by pressing the sharp circular edge into the Black Processing Male by carefully pulling it from the metal housing. When screwing on the handle again, the removal pin will remove the Male part from the Core Tool.

- When inserting a new Replacement Male, the sleeve-like end of the structured center part (Male Seating Tool) (*see Fig. 13*) is pressed into the Denture Cap and positioned.



Fig. 7



Fig. 8



Fig. 9



Fig. 10

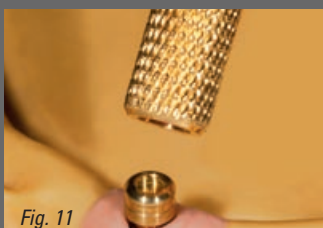


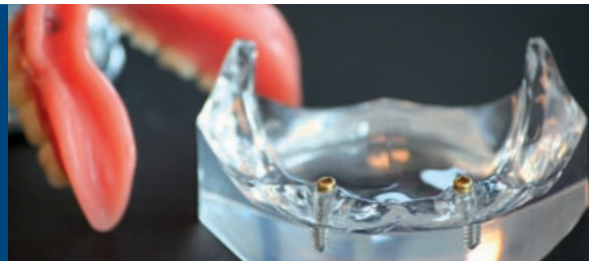
Fig. 11



Fig. 12



Fig. 13



| Selection of the male part and lining

Selection of the corresponding Replacement Male:

1. With the Locator Parallel Abutments (item No. 8517) and the Angle Measurement Guide (item No. 9530) the divergence of each single implant is measured according to the vertical (0°).



Locator Parallel Abutment



Angle Measurement Guide

2. This result is checked according to the following categories (we recommend to start with the smallest removal force):

Dual Retentive

Use in cases of 0° to 10° divergence		Item No.
Blue	removal force approx. 680 g	8529
Pink	removal force approx. 1.360 g	8527
Transparent	removal force approx. 2.270 g	8524

Extended Range

Use in cases of 10° to 20° divergence*		Item No.
Red	removal force approx. 450 g	8548
Green	removal force approx. 1.810 g	8547

* Caution - please note: To avoid overloading, implants of 3.25 mm diameter should not exceed a maximum divergence of 10°.

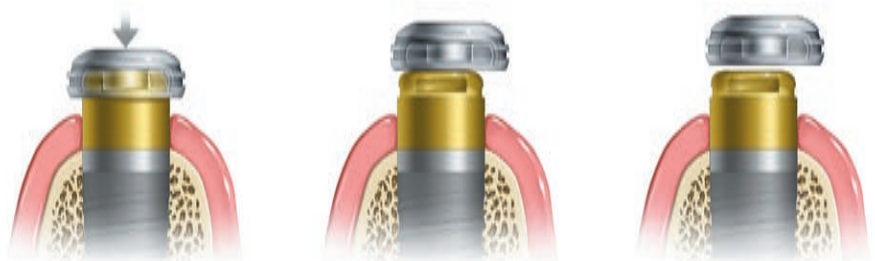
Example for 4 implant overdenture:

1 implant is divergent	20°	=	extended range
1 implant is divergent	5°	=	dual retentive
1 implant is divergent	15°	=	extended range
1 implant is divergent	0°	=	dual retentive







Relining

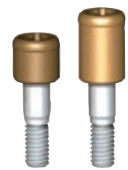
For relining of the prosthesis, the present Nylon Replacement Males should be replaced by Black Processing Males prior to impression taking. These allow for a slightly increased fit of the prosthesis in order to guarantee a resilient resting of the prosthesis on the gingiva later on.

When the relining is complete, the Replacement Males inserts – after removal of the Black Processing Males – can be placed back into the Denture Cap. We strongly recommend to use new inserts.









Locator® System for Pitt-Easy

Locator Abutments	Collar	Item No.	Ø mm
The Locator Abutment is an attachment with a self-aligning feature. This feature will aid patients in seating their denture and eliminate additional wear from improper seating. With the Locator's minimal vertical height, it is ideal where interocclusal space is limited. This abutment can also accommodate up to 40° between implants.	1 mm	8311	3.25 mm 
	3 mm	8313	3.25 mm 
	1 mm	8321	3.75 mm 
	3 mm	8323	3.75 mm 
	1 mm	8331	4.00 mm 
	3 mm	8333	4.00 mm 



(Titanium Alloy with TiN coating)

Locator Attachments	Item No.
Locator Male Processing Package 2 Sets, each Set include: 1 Denture Cap incl. Black Processing Male, 1 Replacement Male 8524/ 8527/8529, 1 Spacer white	8519
Locator Replacement Male (Nylon) transparent, 4 Pack	8524 
Locator Light Retention Replacement Male (Nylon) , pink, 4 Pack	8527 
Locator Extra Light Retention Replacement Male (Nylon) , blue, 4 Pack	8529 

Locator Attachments	Item No.
Locator Extended Range Replacement Male (Nylon) , green, 4 Pack	8547 
Locator Extra Light Extended Range Male (Nylon) , red, 4 Pack	8548 
Locator Black Processing Replacement Male (Low Density Polyethylene) black, 4 Pack	8515 

Locator Parallel Abutment (Low Density Polyethylene) 4 Pack

8517



Locator Parallel Abutment



Locator Impression Coping



Female Analog Ø 4 mm

Locator Impression Coping (Aluminum) 4 Pack

8505

Locator Female Analog (Aluminum) 4 mm Diameter. 4 Pack

8530

Angle Measurement Guide

9530



Angle Measurement Guide

Locator Core Tool

8393



Locator Abutment Driver

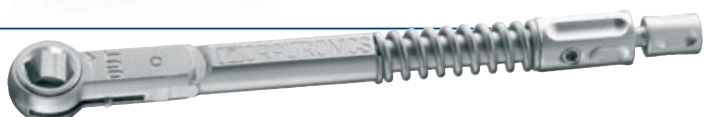
8317

Manufacturer: Zest Anchors Inc.

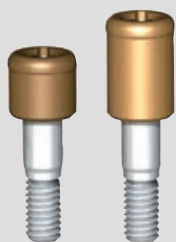


Torque Wrench

90239



LOCATOR®-System



Sybron Implant Solutions A World of Implant Solutions

The dental implant platform of Sybron Dental Specialties (SDS) brings together three organizations (INNOVA – ORALTRONICS – ATTACHMENTS) that have been leaders in implant manufacturing, design and development since the inception of implant dentistry.

Delivering two of the most respected, leading-edge dental implants on the market – ENDOPORE® and PITT-EASY® – we are giving you access to a world of implant solutions.

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