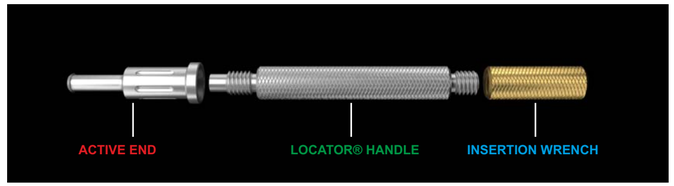
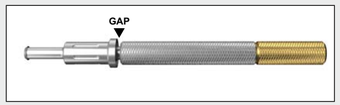
USE OF THE LOCATOR® COMBINED INSTRUMENT

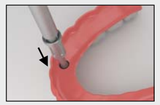


ACTIVE END

It allows for the removal of the Ti caps.

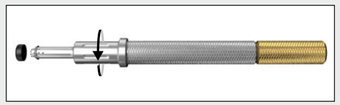


1.- Unscrew the active end in such way that the connection gap of the Locator® grip becomes visible.



2.- Fully introduce axially the tip of the connector placed on the Ti cap.

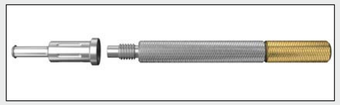
3.- It is removed by exerting an axial extraction force. The sharp borders retain the connector and allow for its extraction.



4.- To remove the connector from the tip, it must be fully tightened to the Locator® grip. The external pin will expulse the connector.

LOCATOR® GRIP

It allows for the placement of the connectors into the Ti caps.



1.- Completely unscrew the active end from the Locator® grip.

2.- Pressure must be applied on the connector by using the rod that is left exposed on the Locator® grip until the piece is fully enclosed in the Ti cap [a click is audible].

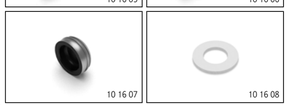
INSERTION WRENCH

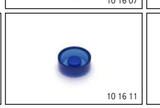
It allows for the placement of the Locator®abutment. It is used in the lab to work on the Essential® Cone implant analog. It doesn't permit abutment tightening to the final recommended torque force.

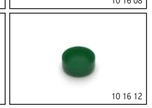
WARNING
NOT FOLLOWING THE RECOMMENDATIONS FOR USE CAN LEAD TO PREMATURE DETERIORATION OF THE SYSTEM. INTRA-ORAL LACK OF INSTRUMENT SUPPORT MAY CAUSE LOSENING WHICH MAY LEAD TO ITS SWALLOWING OR ASPIRATION. KLOCKNER® IMPLANT SYSTEM DECLINES ANY RESPONSIBILITY FOR DAMAGES RESULTING FROM NOT FOLLOWING THE INSTRUCTIONS OF USE.

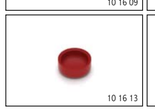
reference listing

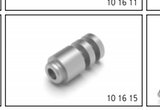
10 16 01	1.0 MM LOCATOR® ABUTMENT FOR ESSENTIAL IMPLANT
10 16 02	2.0 MM LOCATOR® ABUTMENT FOR ESSENTIAL IMPLANT
10 16 03	3.0 MM LOCATOR® ABUTMENT FOR ESSENTIAL IMPLANT
10 16 04	4.0 MM LOCATOR® ABUTMENT FOR ESSENTIAL IMPLANT
10 16 05	5.0 MM LOCATOR® ABUTMENT FOR ESSENTIAL IMPLANT
10 16 06	6.0 MM LOCATOR® ABUTMENT FOR ESSENTIAL IMPLANT
10 16 07	LOCATOR® DENTURE CAP MALE PACKAGE
10 16 08	WHITE BLOCK OUT SPACER
10 16 09	LOCATOR® REPLACEMENT MALE [WHITE]
10 16 10	LOCATOR® LIGHT RETENTION REPLACEMENT MALE [PINK]
10 16 11	LOCATOR® EXTRA LIGHT RETENTION REPL. MALE [BLUE]
10 16 12	LOCATOR® EXTENDED RANGE REPLACEMENT MALE [GREEN]
10 16 13	LOCATOR® EXTENDED RANGE REPLACEMENT MALE [RED]
10 16 14	LOCATOR® IMPRESSION COPING
10 16 15	LOCATOR® FEMALE ANALOG [5 MM DIAM.]
10 16 16	LOCATOR® CORE TOOL
10 16 17	LOCATOR® 30 NCM TORQUE WRENCH DRIVER [15 MM]
10 16 18	LOCATOR® 30 NCM TORQUE WRENCH DRIVER [21 MM]
10 16 19	LOCATOR® PARALLEL POST
10 16 20	ANGLE MEASUREMENT GUIDE

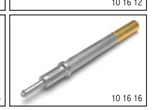


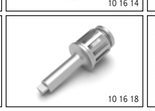


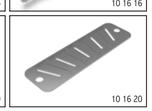












LOCATOR®
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All KLOCKNER® IMPLANT SYSTEM products comply with the laws and regulations applicable to medical devices, such as: European directives MDD 93/42/ECC modified by 2007/47EC - Regulations of the United States FDA 21CFR 820 - Quality standards EN ISO 13485 and other applicable standards and regulations.

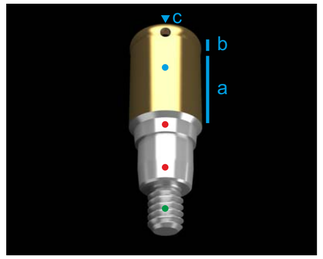
WARNING
NOT ALL KLOCKNER® IMPLANTS SYSTEM PRODUCTS ARE AVAILABLE IN EVERY COUNTRY

by KLOCKNER® implant system

www.klocknerimplantsystem.com

KLOCKNER® implant system

LOCATOR®



It is indicated for the construction of implant-supported overdentures for Essential® implants Ø 3.5, 4.0 y 4.5 mm.

6º DOUBLE CONE

Provides precise abutment alignment.
The final placement of the Locator® abutment affords the "cold welding" effect.

FIXTURE

Keeps the abutment fixed and in place.

LOCATOR® ABUTMENT

a. Transmucosal height [1, 2, 3, 4, 5 y 6 mm].
b. Locator® external retention. It permits overdenture insertion when the divergence between implants does not exceed 40º. It only overlaps the prosthesis 3.2 mm.
c. Locator® internal retention. It is used in combination with the external retention when the divergence between implants does not exceed 20º. Its placement is achieved by connecting the Locator®abutment to the proper adapter.

The different transmucosal heights facilitate the use of the Locator® system, either in fine gingiva biotype or in the presence of gingival hypertrophy.
The two types of retention, external or internal, permit management of those cases with implant divergence not exceeding 40º.
To achieve this, it is necessary to select the proper connectors depending on the degree of divergence between implants.

CONNECTOR SELECTION:

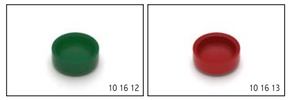
Maximum divergence admitted between implants is 20º.

10 16 09
LOCATOR® REPLACEMENT MALE [WHITE]
WHITE - 2.27 KG

10 16 10
LOCATOR® LIGHT RETENTION REPLACEMENT MALE [PINK]
PINK - 1.36 KG

10 16 11
LOCATOR® EXTRA LIGHT RETENTION REPL. MALE [BLUE]
BLUE - 0.68 KG

Maximum divergence admitted between implants up to 40º.



10 16 12
LOCATOR® EXTENDED RANGE REPLACEMENT MALE [GREEN)]
GREEN - 1.36 / 1.82 KG

10 16 13
LOCATOR® EXTENDED RANGE REPLACEMENT MALE [RED]
RED - 0.23 KG

WARNING
THE INCORRECT SELECTION OF THE CONNECTOR TYPE WILL PRODUCE THE MALFUCTION OF THE SYSTEM.
IT IS NECESSARY TO VERIFY POSSIBLE DIVERGENCE BETWEEN IMPLANTS BY USING PARALLEL GUIDE PINS AND THE LOCATOR® ANGLE MEASURING INSTRUMENT.

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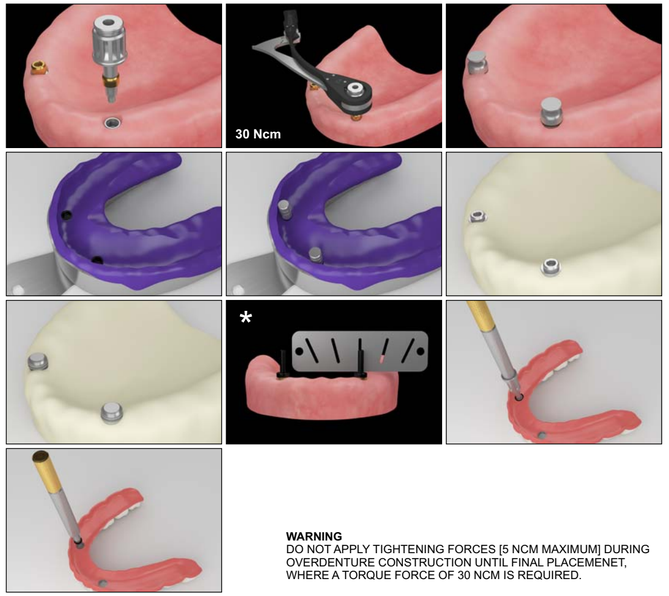
LOCATOR® PLACEMENT SYSTEM

A · Step by step for the construction of a new removal prosthesis

1.- The selection of the abutment will depend on gingival height. The retentive area of the abutment must remain completely exposed. Better results are achieved when the seating zone of the retentive unit is 1 mm above the soft tissue.
2.- The abutment is tapped manually to the implant using the Locator® adapter [Ref. 10 16 17 – 10 16 18] and is wrench tightened to 30 Ncm [Ref. JDTWKL].
3.- Impression procedures are undertaken employing the appropriate coping [Ref. 10 16 14].
The impression coping has a black connector incorporated that must not be removed at any time.
4.- Once the impression is taken, the Locator® Female analogs [Ref. 10 16 15] are inserted in the impression copings and then poured.
5.- The Ti caps are placed and the overdenture is constructed following standard procedures.
The Ti caps have a black connector incorporated that must not be removed until the final placement of the definitive retentions.
6.- Following the pertinent try-ins, the prosthesis is then finally placed in the mouth.
It is necessary to select the proper connectors depending on the degree of divergence between implants by employing parallel guide pins and the Locator® angle measuring instrument [Ref. 10 16 19 y 10 16 20 respectively] [see "connector selection"].
7.- The black connectors are removed and substituted for the final connectors by using the combined instrument [see "combined instrument"].

In those cases were the anchoring device is chosen on the lab model the impression is taken directly from the Essential® Cone implant employing the corresponding transfers and analogs. In this case and when selecting a Locator® solution the lab will construct the overdenture on the Locator® abutment.



WARNING
DO NOT APPLY TIGHTENING FORCES [5 NCM MAXIMUM] DURING OVERDENTURE CONSTRUCTION UNTIL FINAL PLACEMENET, WHERE A TORQUE FORCE OF 30 NCM IS REQUIRED.

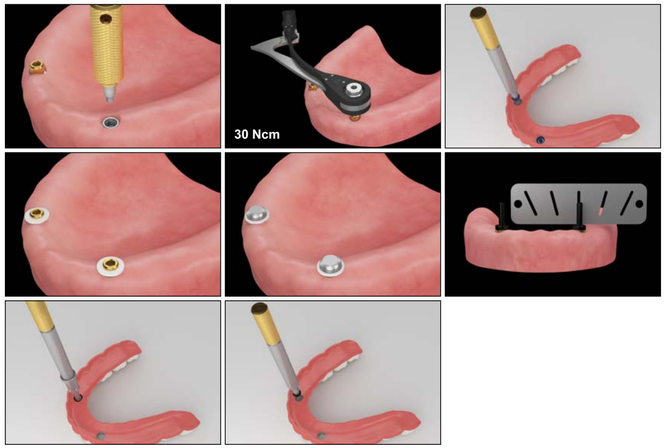
B · Step by step for the direct adaptation of a pre-existing prosthesis to the Locator® system.

Due to its simplicity, the Locator® system allows for all steps to be carried out intra-orally.
1.- The selection of the abutment will depend on gingival height. The retentive area of the abutment must remain completely exposed. Better results are achieved when the seating zone of the retentive unit is 1 mm above the soft tissue.
2.- The abutment is tapped manually to the implant using the Locator® adapter [Ref. 10 16 17 – 10 16 18] and is wrench tightened to 30 Ncm [Ref. JDTWKL].
3.- Relief must be provided around the areas that will fit the Ti caps. Then the overdenture is checked to see that it doesn't contact the Locator®abutment.
4.-The white separating rings are placed [Ref. 10 16 08]. The white rings protect the abutment from acrylic contamination. The Ti caps are placed on the Locator®abutment and splinted to the overdenture with self-curing acrylic. Voids in the overdenture must be partially filled with the self-curing acrylic also providing a minor relining of it.

WARNING
THE VOIDS MUST NOT BE FILLED-IN COMPLETELY BECAUSE THE EXCESS OF ACRYLIC MAY AFFECT CORRECT OVERDENTURE SEATING. IT IS PREFERABLE TO PREP LINGUAL CANALS TO AVOID ACRYLIC EXCESS WHICH MAY AFFECT CORRECT OVERDENTURE SEATING.

5.- When the acrylic has set the overdenture must be removed. Resin remains are then eliminated and the acrylic is polished.
6.- It is necessary to select the proper connectors depending on the degree of divergence between implants by employing parallel guide pins and the Locator® angle measuring instrument [Ref. 10 16 19 y 10 16 20 respectively] [see "connector selection"].
7.- The black connectors are removed and substituted for the final connectors by using the combined instrument [see "combined instrument"].

Adaptation of the pre-existing overdenture may be carried out in the lab. This will require the intra-oral impression of the Locator® abutments.



LOCATOR® essential® prosthetic · system