



## Locator® abutment impression technique

Use this technique to make a full-arch impression of Locator abutments. This impression will be used to fabricate a new denture with Locator denture caps processed in the denture. Locator implant abutments are designed for use with overdentures or partial dentures retained in whole or in part by dental implants in the mandible or maxilla. Locator abutments are available in a variety of cuff heights for all of the internal implant platform sizes from 3.0mm to 5.7mm.



**Note:** Abutment cuff height should be selected to match the height of the gingival tissue. This will place the Locator connection 1.8mm above the tissue and allow the Locator male to seat completely.



**Important:** Always measure the tissue at the highest point when selecting the appropriate Locator abutment cuff height.

### component options



- Locator abutments
- Locator core tool
- Locator impression copings
- Locator female analogs
- Locator abutment holders
- square drive tool
- .050" (1.25mm) hex driver
- torque wrench
- male processing package

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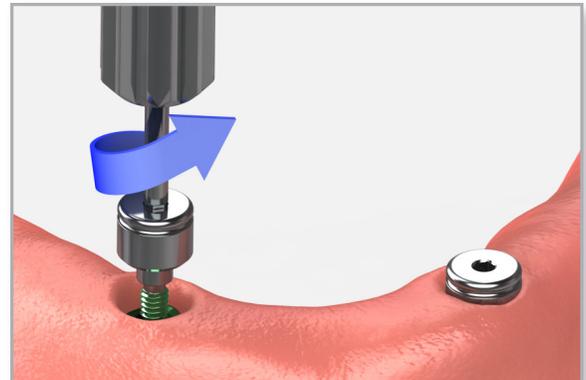
### Remove the healing abutments

Remove the healing abutments using an .050" (1.25mm) hex driver. Confirm that the prosthetic platforms are free of any bone debris or soft tissue. Irrigate the internal connection of the implants and dry.



#### Helpful Hint:

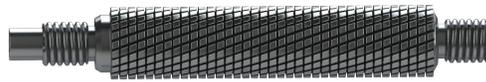
When working with multiple implants, remove one healing abutment at a time, replacing it immediately with a Locator abutment. This prevents the possibility of soft tissue collapsing onto the implant.



### Locator core tool instructions



**Male retention insert removal tool**  
For removing the male retention inserts from the metal housing



**Male retention insert tool**  
For placing the male retention inserts into the metal housing



**Hand driver**  
For hand tightening the Locator abutment



**Locator abutment holder**  
For retaining and delivering the Locator abutment using the hand driver portion of the core tool.



## Locator abutment impression technique

### 2 Place the abutments

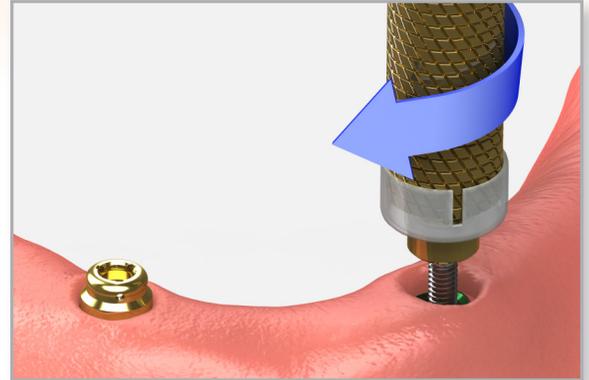
Place the Locator abutment onto each implant using the Locator hand driver with a Locator abutment holder. Hand tighten.

Take a radiograph along the long axis of the implants to ensure the abutments are seated completely onto the implant.



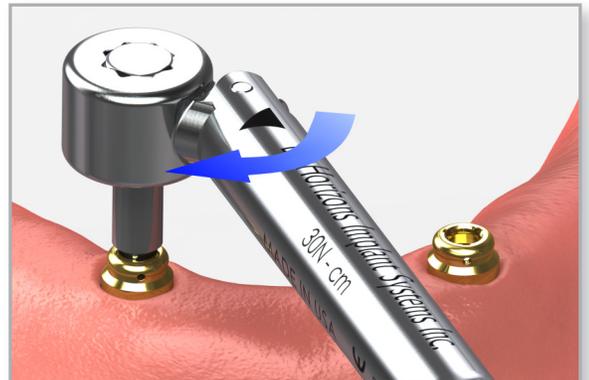
**Note:**

The X-ray tube must be positioned perpendicular to the implant prosthetic platform.



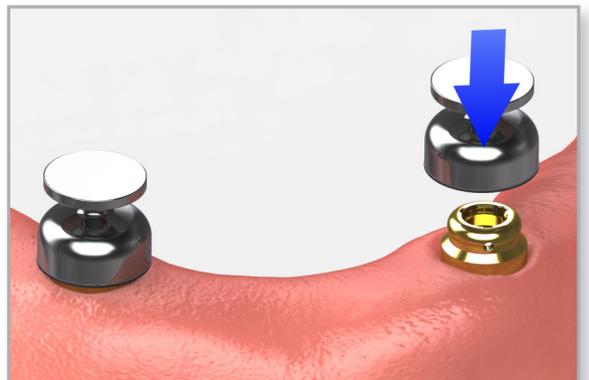
### 3 Tighten the abutments

Tighten each Locator abutment to 30 Ncm using a calibrated torque wrench and a Locator square drive tool. Alternatively, use an .050" (1.25mm) hex driver inserted into the core tool hand driver.



### 4 Place the impression copings

Snap an impression coping onto each Locator abutment.





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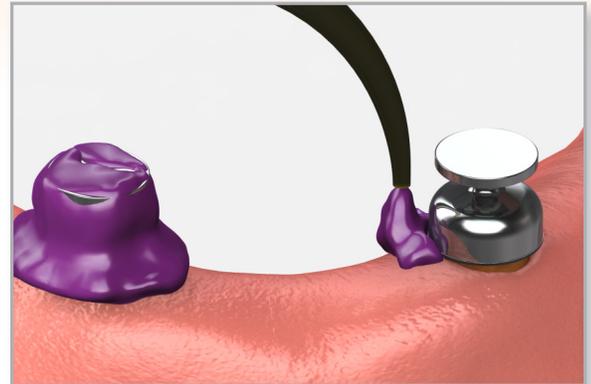
### 5 Make a full-arch impression

Syringe a medium or heavy-bodied elastomeric impression material around the impression copings. Make an impression to pick-up the impression copings and to record all soft tissue contours for the new denture fabrication. The impression copings will remain in the impression when it is removed.



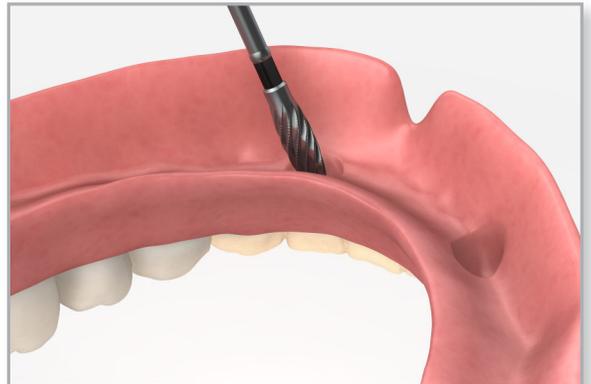
#### Note:

If a reline impression of an existing denture is being made, relieve the denture to accommodate the height of the Locator abutments and impression copings and proceed with steps 1 through 5.



### 6 Modify the existing denture

Relieve the existing denture to accommodate the height of the Locator abutments. A soft liner may be used to reline the denture and provide a limited degree of retention while the new denture is fabricated.

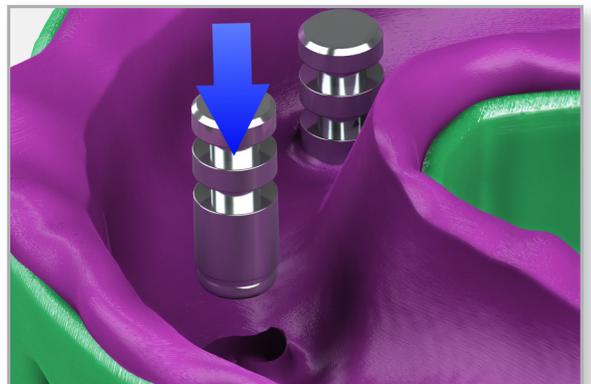


### send to lab

- impression with impression copings imbedded
- Locator female analogs
- male processing packages
- bite registration
- opposing model or impression
- prescription with lab instructions

### 7 Lab step - Seat the analogs

Insert the Locator female analogs in the corresponding location in the impression.





## Locator abutment impression technique

### 8 Lab step - Fabricate the stone model

Fabricate a working model and articulate according to normal laboratory procedures.

