



Argon Dental USA™

# Your Complete Implant Solution



Cerec®  
Instructions



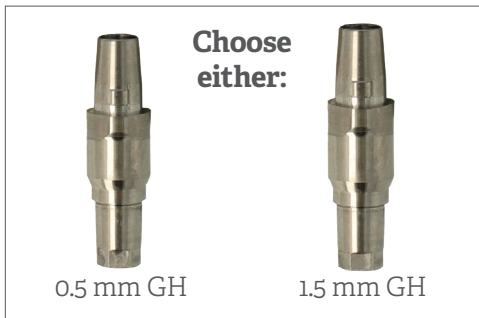
QUALITY & DESIGN  
MADE IN GERMANY

**There are two options in Cerec for acquisition.**

- 1) Scan post and scan cap
- 2) Ti-Base abutment and scan cap

**Option 1: Scan Post and Scan Cap Instructions**

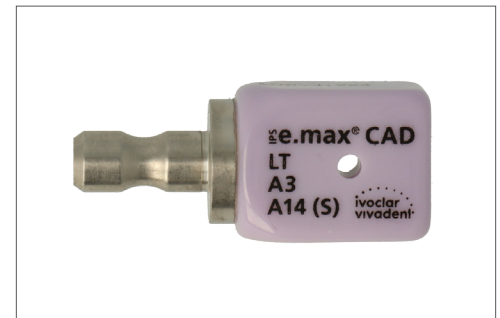
**Before you begin, you will need the following:**



Scan Post

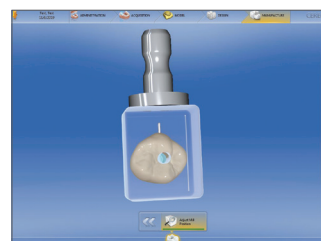


Scan Cap

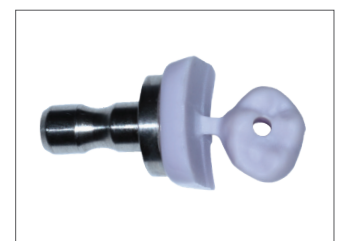


(S) Block

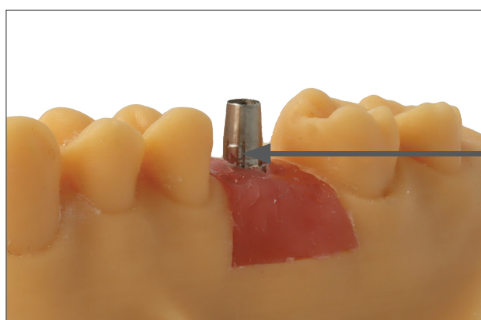
- 1) In the Cerec system, scan the arch with the implant first  
**Note: The scan post should not be in the mouth**
- 2) Scan the teeth, tissue and interproximal contacts
- 3) Scan the opposing arch
- 4) Scan the bite
- 5) Place the scan post into the implant and hand tighten.  
Make sure the notch on the scan post is mesial or distal.  
The position of the notch on the scan post correlates to the sprue on the restoration. When placed mesial or distal, there are less adjustments to the contact areas of the restoration.



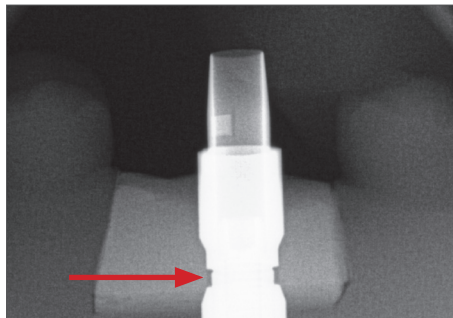
Sprue



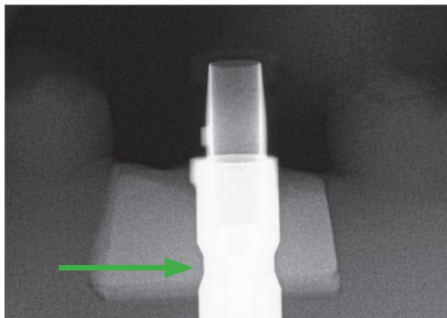
Sprue



6) Verify seating with an x-ray.

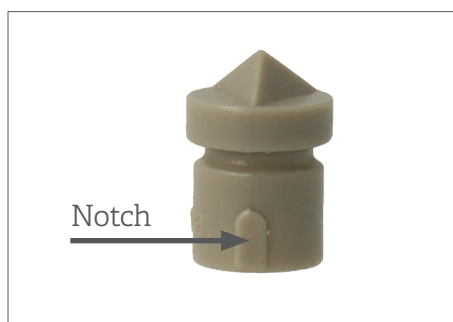


Incorrect

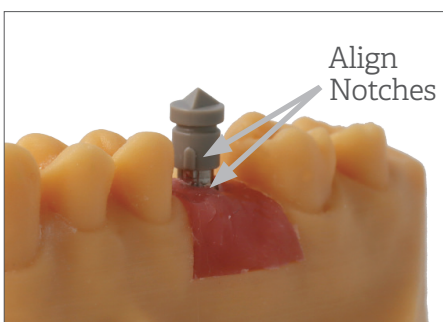


Correct

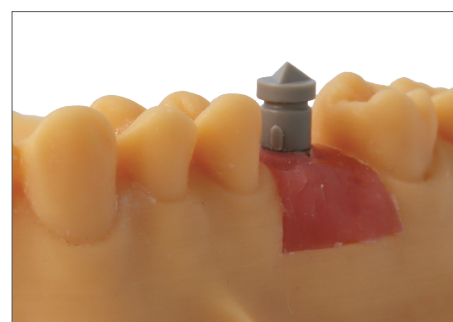
7) Align the notch on the scan cap so that it matches the notch on the scan post. Fully seat the scan cap onto the scan post as shown.



Scan Cap



Scan Cap on a Scan Post



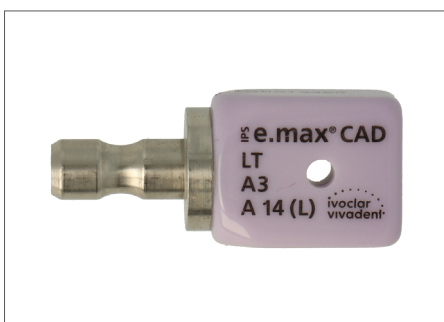
Scan Cap Fully Seated on the Scan Post

8) Next, select the **Dentsply Sirona FX 3.8 file** on the Cerec machine for both 0.5mm and 1.5mm scan post cuff heights and begin designing the restoration.

9) After the design is finalized, select the "(S)" Cerec block. The "(S)" block stands for small. You can use a large "(L)" Cerec block, but it will have a bigger hole than the small "(S)" block. If you use the large (L) Cerec block, you will need to fill the hole with more composite.



(S) Block



(L) Block



**IMPORTANT:** The “sprue” on the restoration must be oriented to the mesial or distal side. This is important as it relates to the notch on the scan post.



Sprue

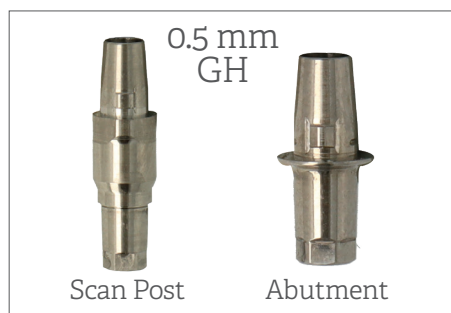


Sprue

10) Cement the milled crown to the proper abutment.



**NOTE:** If you choose the 0.5 scan post, use the 0.5 abutment.

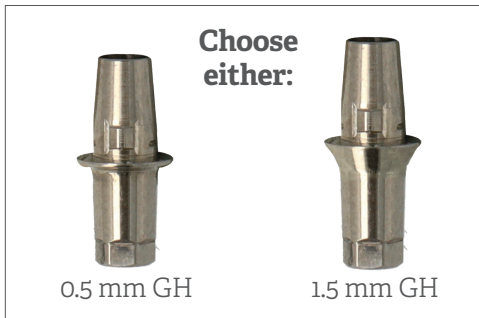


**NOTE:** If you choose the 1.5 scan post, use the 1.5 abutment.

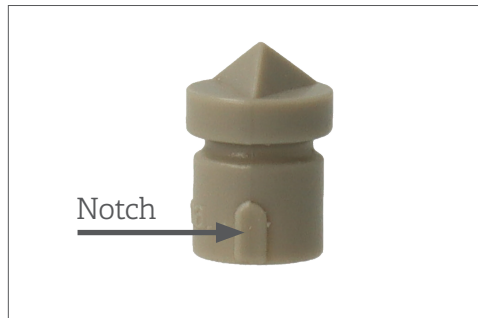


## Option 2: Ti-Base Abutment and Scan Cap Instructions

Before you begin, you will need the following:



Ti-Base Abutment



Scan Cap



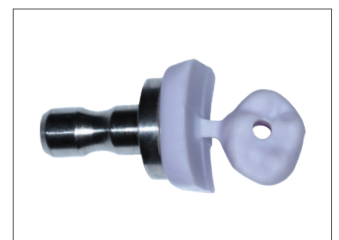
(S) Block

- 1) In the Cerec system, scan the arch with the implant first.  
**Note: The ti-base abutment should not be in the mouth**
- 2) Scan teeth, tissue and interproximal contacts
- 3) Scan the opposing arch
- 4) Scan the bite
- 5) Place the Ti-base abutment into the implant and torque based on the following recommendations:
  - **red** (2mm connection) – 20 ncm
  - **yellow** (3mm connection) – 30 ncm
  - **blue** (3mm connection) – 20 ncm

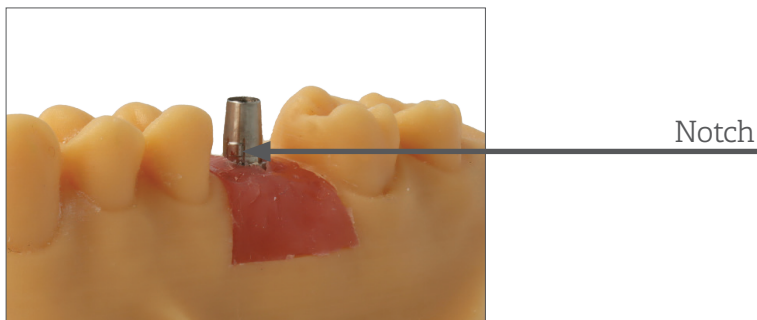
Make sure the notch on the Ti-base abutment is mesial or distal. The position of the notch on the scan post correlates to the sprue on the restoration. When placed mesial or distal, there are less adjustments to the contact areas of the restoration.



Sprue

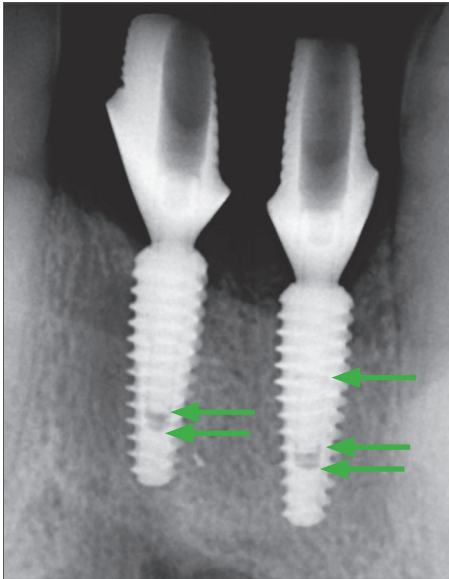


Sprue

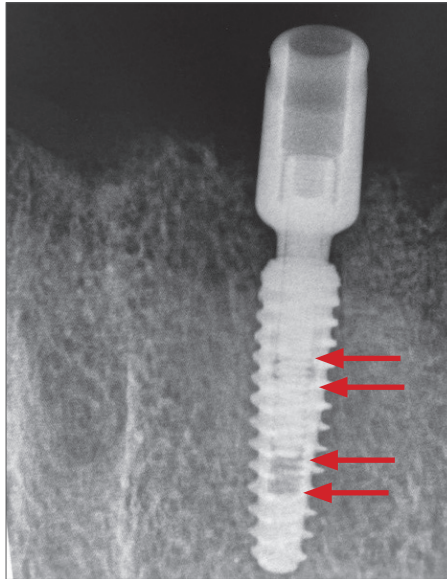




6) Verify seating with an x-ray.

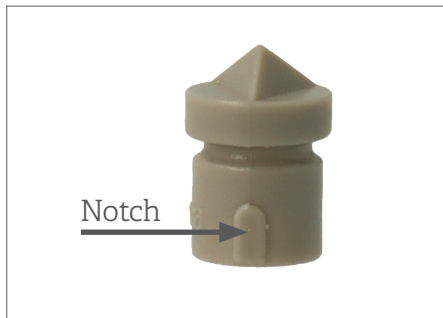


**Correct** – Abutment is seated properly as the abutment screw is placed down into the implant showing no visible gaps.

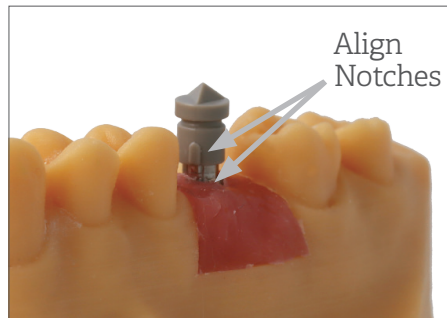


**Incorrect** – The abutment screw is not placed down fully into the implant as a result, a visible gap is showing.

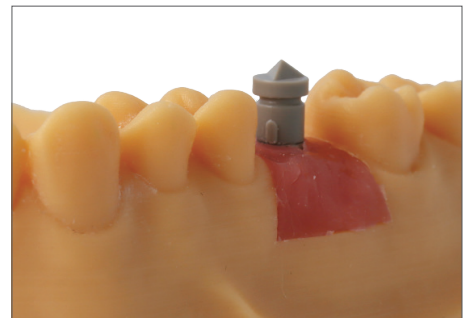
7) Align the notch on the scan cap so that it matches the notch on the Ti-base abutment. Fully seat the scan cap onto the scan post as shown.



Scan Cap



Scan Cap on Ti-base Abutment



Scan Cap Fully Seated on the Ti-base Abutment

8) Next, select the **Dentsply Sirona FX 3.8 file** on the Cerec machine for both 0.5mm and 1.5mm ti-base abutment cuff heights.

9) Begin designing your restoration.



- 10) After the design is finalized, select the “S” Cerec block. The “S” block stands for small. You can use a large “(L)” Cerec block, but it will have a bigger hole than the small “(S)” block. If you use the large (L) Cerec block, you will need to fill the hole with more composite.



(S) Block



(L) Block

**IMPORTANT:** The “sprue” on the restoration must be oriented to the mesial or distal side. This is important as it relates to the notch on the ti-base abutment.



Sprue



Sprue

- 11) Cement the crown to the abutment you selected prior to Step 1.





## Dental Crafters Network

Argon Dental USA<sup>®</sup> | Implant Solutions<sup>®</sup> | Dental Crafters<sup>®</sup>

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