

## Original Alpha-Bio Tec. Ti-Bases Compatible for Sirona's L Blocks

- Digitally scan the implant position with Alpha-Bio Tec's Sirona compatible Ti base or scan post and Sirona's original Omnicam or Bluecam scanbody.
- Design your customized abutment using Sirona's systems and Zimmer library.
- Produce the designed customized abutment from a Sirona pre made screw channel meso block using your Sirona inlab or Cerec CAD/CAM System.
- Cement the sintered structure with Alpha Bio Tec's original Ti-Base.
- Use an original Alpha-Bio Tec's screw, included in the package for final restoration.
- Make sure you carefully follow the guidelines here under.



### Cement Retained Restoration Internal Hex (IH) Connection Platform

SUPPORTED IMPLANTS: NeO, SPI, ICE, DFI, ATID

	Ti Bases	Scan Post	Screw	
Implant platform				
Diameter	A: Ø4.3 mm B: 4.7 mm C: 5.2 mm D: 0.475	A: Ø4.3 mm B: 10 mm		
Code	CCTB-IH-SI	CCSP-IH-SI	STLAS	STLAT
Ref. No.	4980	4984	5122	5121
Instructions	For scan and/or restoration use	For scanning purpose only	Standard abutment screw (included in package)	For lab use (optional)



### Cement Retained Restoration Conical Hex (CHC) Connection Platform

SUPPORTED IMPLANTS: NeO (Ø3.5, Ø3.2), NICE

	Ti Bases	Scan Post	Screw
Implant platform			
Diameter	A: Ø4.3 mm B: 4.7 mm C: 5.2 mm D: 0.475	A: Ø4.3 mm B: 10 mm	
Code	CCTB-IH-SI	CCSP-IH-SI	STLA-CHC
Ref. No.	4982	4985	7345
Instructions	For scan and/or restoration use	For scanning purpose only	Standard abutment screw (Included in package)

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## Guidelines for use

### General Terms and Conditions

Technical/Clinical results are subjected to many variants inflicted by the different systems and technologies participating in the process. Therefore, strict observation of instructions for use, indications and technical limitations suggested by all parties involved is crucial for obtaining required results. The parts are subjected to further development. Therefore, we reserve the right to carry out any product modification without prior notice.

Dental skills and knowhow of dental CAD/CAM use are required.

### Storage and Handling

The products have to be inspected prior usage. Devices should be stored at room temperature. Special care should be taken with the handling of the scan bodies to avoid any mechanical damage. Store scan bodies separately to avoid crushing.

### Procedural Precautions

All products are provided in a non-sterile condition. Before use, sterilize in an autoclave, subject to the manufacturer's instructions, at a temperature of 132°C or 7 minutes and then dry for another 10 minutes.

### Titanium Bases:

- Titanium bases act as adhesive base for manufacturing of individual abutments combined with copings, crowns and superstructures made of dental ceramics such as Zirconia.
- Suitable for engaging (single tooth).
- Bases are used for implant level restoration.
- Suitable for use only with matching platform.
- Bases are indicated for single use only, Scan posts are for multi use.
- Recommended final restoration closing torque of:
  - 30 Ncm when fixing the bases on Internal Hex connection implants.
  - 20 Ncm when fixing the bases on Conical Hex connection implants.

### Contra-indication:

- Insufficient oral hygiene.
- Insufficient space available.
- Bruxism.
- For restorations with angulation correction of more than 25° to the implant Axis.
- For individual tooth restorations with free end saddle.
- For restorations with excessive cantilever.

### Scan Posts

- Made of Titanium, ScanPosts are like scan body and used intraorally to digitally capture the position of the implant.
- An original Sirona scanbody should be mounted on the scan post for scanning. Scan bodies are separately available from Sirona for different camera system and size. A Scan body size L suitable for the camera system in use according to Sirona's instructions should be selected.
- ScanPost **must not** be used for the final implant restoration.
- Alpha-Bio Tec's Scan Posts are intended for use only with Alpha-Bio Tec's Ti-Bases.

### Suggested workflow:

1. Scan intra orally or on your model.
2. For scanning, use Alpha Bio's original Ti-Bases and/or Scan Posts with Sirona's original scan bodies size L (sirona's Ref 64 31 329 for Omnicam or 64 31 303 for Bluecam).
3. On your CAD software library choose Zimmer Tapered Screw Vent 3.5mm platform for both Internal Hex and CHC platforms.
4. Follow Sirona's standard instructions for CAD design of your restoration.
5. Use standard L blocks or equivalent for milling your abutment.
6. Cement Alpha-Bio Tec's original Ti-Base to the milled and sintered block using the manufacturer's cementation instructions.