AlphaBio's Digital

CadCam

Digital restoration line

In this catalog you will find all our CAD/CAM products with their detailed description, Ref. numbers and ordering information.
For your convenience, Products are organized by restoration method. For each method you will find all the relevant products required.

Contents

Alpha-Bio's Digital

CadCam Restoration Line

Extending the art of Simplantology to your CAD/CAM restoration jobs, making it as simple as our implant systems.

The technological changes taking place are truly revolutionizing the way dentistry is practiced and the manner in which laboratories are producing restorations. The advent of CAD/CAM has enabled both dentists and laboratories to harness the power of computers to design and manufacture esthetic and durable restorations.

Alpha-Bio Tec Introduces a comprehensive range of CAD/CAM restoration products for Internal Hex and Conical Hex Connection platforms

Dual Use Scan Bodies
(for lab and/or Intra-oral use)

For accurate transfer of implant position to the CAD S/W. The scan abutments are used in lab to capture the position, trajectory and rotation of the lab analogs in the working model using lab scanner and/or intra orally in the clinic for direct transfer of implant position to the CAD/CAM system. The scan bodies are registered optically and the digital information is used to fabricate individual Abutments, crown and bridge frameworks using CAD/CAM techniques.

Advantages at a glance:

- Bio Compatible, Autoclaveable.
- PEEK body and titanium base for accurate long lasting use.
- Laser marks for easy identification
- Detachable screw for easy cleaning.
- Standard abutment driver.
- Unique non symmetric geometry for easy scan.
- Available for IH and CHC implant platforms as well as TCT-N and TSA-N screw retained restoration.
- Compatible with a wide range of CAD/CAM systems
- Available in standard, wide or angled shape for all restoration areas.
- Available for Sirona blocks.

Titanium bases and adhesive copings

Are used as bonding bases for CAD/CAM manufacturing of individual ceramic 2 parts (hybrid) abutments.

Advantages at a glance:

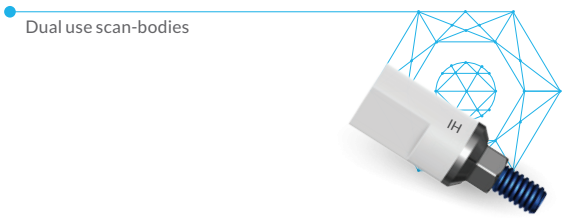
- Fabricated with the exact tolerances, ensuring best reliable implant to restoration fit.
- Support of cement and screw retained restoration.
- Support of single tooth (engaged) and bridge (non-engaged) restoration.
- Supports cement retained restoration for for IH and CHC platforms.
- Supports screw retained restoration for TCT-N and TSA-N
- Compatible with wide range of CAD/CAM systems.
- Large bonding surface for high stability and reliable adhesion.
- Abutment screw is included

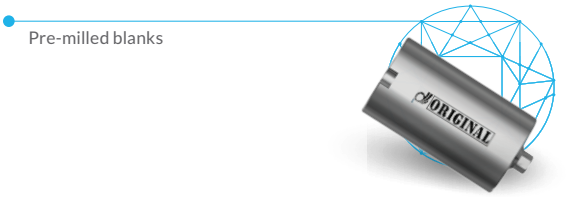
Pre-milled Blank abutments

Are used as a raw material for CAM fabrication of a single part (monolithic) titanium abutment.

Advantages at a glance:

- Original pre-milled implant connection is fabricated with the exact manufacturers tolerances, ensuring best reliable implant to restoration fit.
- Fits Medentika's® Preface abutment holder.
- PreFace® abutment holders are available from the following CAM system suppliers: imes-icore 450i ,550i and 750i ;Datron D5; Roders RXD; Wissner Gamma 202, Dental Concept systems DC5 and MB Machinen Cobra Mill 5A1,5M.
- Abutment screw is included





All products are available and supported by leading CAD/CAM system libraries including:

3shape | exocad | dental wings | AMANNGIRRBACH | egs

Cement Retained Restoration Internal Hex Connection Platform

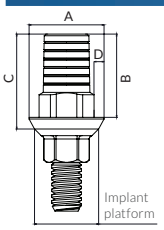
SUPPORTED IMPLANTS: NeO, SPI, ICE, DFI, ATID

Dual Use Scan Body

IOSB-IH (5001)

- For lab and intra-oral use
- Standard STLAS screw ref. #5122 included

Ti Bases

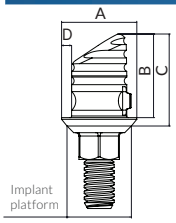


	Engaged (single tooth)	**Non Engaged** (bridges/bars)
		
Dimensions	A: Ø4.5 mm B: 5 mm C: 5.7 mm D: 0.6 mm	A:Ø4.5 mm B: 5 mm C: 5.7 mm D: 0.7 mm
Code	CCTB	CCTB-R
Ref. No.	5024	5025
Instructions	For single tooth restoration	For bar/bridge restoration

Ti Bases - Wide

	Engaged (single tooth)	**Non Engaged** (bridges/bars)
		
Dimensions	A:Ø6 mm B: 3.5 mm C: 4.2 mm D: 1.2 mm	A:Ø6 mm B: 3.5 mm C: 4.2 mm D: 1.43 mm
Code	WCCTB	WCCTB-R
Ref. No.	5007	5008
Instructions	For posterior / wide teeth	

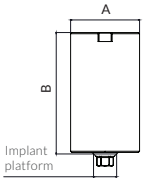
Ti Base - Angled



	Engaged (single tooth)
	
Dimensions	A: Ø4.5 mm B: 5 mm C: 5.5 mm D: 0.6 mm
Code	ACCTB
Ref. No.	5005
Instructions	For restoration in an angle

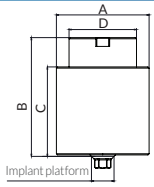
The **short** flat face on the scan body should be aligned with the slanted (Bocal) side of the base.

Pre-milled blanks



Dimensions	A: Ø11.5 mm B: 20.2 mm
Code	BA-PF-IH
Ref. No.	4988
Instructions	For PreFace® abutment holder

Pre-milled blanks



Dimensions	A: Ø15.8 mm B: 20.25 mm C: 15.25 mm D: Ø11.5 mm
Code	WBA-PF-IH
Ref. No.	4989
Instructions	For PreFace® abutment holder

Cement Retained Restoration Conical Hex Connection Platform

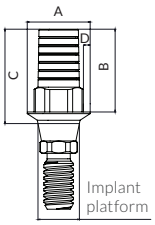
SUPPORTED IMPLANTS: NeO (Ø3.5, Ø3.2), NICE

Dual Use Scan Body

IOSB-CHC (5002)

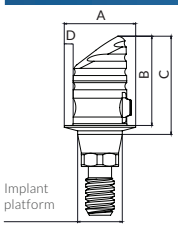
- For lab and intra-oral use
- Standard STLA-CHC screw ref. #7345 included

Ti Bases



	Engaged (single tooth)	**Non Engaged** (bridges/bars)
		
Dimensions	A: Ø3.8 mm B: 5 mm C: 5.7 mm D: 0.4 mm	A:Ø3.6 mm B: 5 mm C: 5.7 mm D: 0.5 mm
Code	CCTB-CHC	CCTB-CHC-R
Ref. No.	5026	5027
Instructions	For single tooth restoration	For bar/bridge restoration

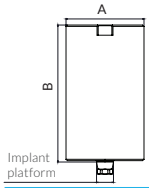
Angled Ti Base



	Engaged (single tooth)
	
Dimensions	A: Ø4 mm B: 5 mm C: 5.5 mm D: 0.5 mm
Code	ACCTB
Ref. No.	5006
Instructions	For restoration in an angle

The **short** flat face on the scan body should be aligned with the slanted (Bocal) side of the base.

Pre-milled blanks



	
Dimensions	A: Ø11.5 mm B: 20.2 mm
Code	BA-PF-CHC
Ref. No.	4990
Instructions	For PreFace® abutment holder

Screw Retained Restoration - TCT-N

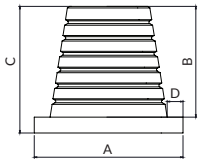
SUPPORTED IMPLANTS: NeO*, SPI, ICE, DFI, ATID

Dual Use Scan Body

IOSB-TCT-N (5004)

- For lab and intra-oral use
- Special SR-IOSBS screw Ref. #4959 (included)

Adhesive Copings



	Engaged (single tooth)	**Non Engaged** (bridges/bars)
		
Dimensions	A: Ø4.7 mm B: 3.5 mm C: 4 mm D: 0.5 mm	A: Ø4.7 mm B: 3.5 mm C: 4 mm D: 0.5 mm
Code	TAC-TCT-N	TAC-TCT-N-R
Ref. No.	5028	5029
Instructions	For single tooth	For bar/bridge

Screw Retained Restoration - TSA-N

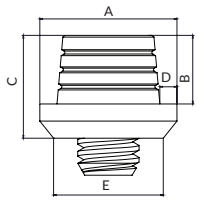
SUPPORTED IMPLANTS: NeO*, SPI, ICE, DFI, ATID

Dual Use Scan Body

IOSB-TSA-N (5003)

- For lab and intra-oral use
- Special SR-IOSBS screw Ref. #4959 (included)

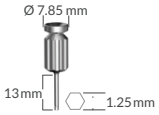
Adhesive Copings



	Non Engaged (bridges/bars)
	
Dimensions	A: Ø4 mm B: 2 mm C: 3 mm D: 0.5 mm E: Ø3.2 mm
Code	TAC-TSA-N
Ref. No.	5015
Instructions	For bar/bridge restoration

* NeO (Ø3.75 mm, Ø4.2mm, 5.0mm)

Tools & Accessories

	Hand Screw Driver	Scan Body Organizer Box	
			
Code	HHS 1.25	SBOB	KIT#090
Ref. No.	4052	995-0290	KIT#090
Instructions	For scan abutment screw	For easy storage and use	
Content		Box only	SBOB Box HHS 1.25 Driver 6XRef# (5001,5002,5003,5004)

Cement Retained Restoration Internal Hex Platform

	Screws		Analogs			
						
Code	STLAS	STLAT	IA	IA5	IA6	AN-PM
Ref. No.	5122	5121	5080	5280	5290	4995
Instructions	Standard abutment screw (included in package)	For lab use (optional)	Choose according to implant diameter			For printed models

Cement Retained Restoration Conical Hex Platform

	Screw	Analog	
			
Code	STLA-CHC	IA-CHC	AN-PM-CHC
Ref. No.	7345	7338	4996
Instructions	Standard abutment screw (Included in package)	Suitable for all Narrow diameters	For printed models

Screw Retained Restoration - TCT-N & TSA-N

	Screws				Analog			
								
Code	SR-IOSBS	SF-N	SFT-N	S-DM-SR	BTT-N	AUC-BTT-N	BTS-N	AUC-BTS-N
Ref. No.	4959	6092	6093	4994	5211	5212	5213	5214
Instructions	Special screw for screw retained dual use scan bodies TCT-N and TSA-N	Clinical-Silver (included in package). standard multiunit TCT-N screw	Lab-Black (Optional). Lab use multiunit TCT-N screw	For direct mounting	Suitable for TCT-N	Suitable for TCT-N	Suitable for TSA-N	Suitable for TSA-N

Supported Systems

The relevant data is incorporated in the libraries of the following systems:

dental wings AMANNGIRRBACH 3shape exocad egs

Download Instruction

Download and extract library files in just a few easy steps:

1. Enter our web site at:
   http://alpha-bio.net/global/products/digital-solutions/download-center/cad-cam-libraries-download/
   Choose the CAD/CAM system in use:
2. o AmannGirrebach
   o 3 Shape
   o Exocad
   o Dental Wings
   o EGS
3. Choose the scan body in use:
   o 7 mm Dual Use.
   o 10 mm Lab only.
4. Click and download the library.

A *.rar file will be downloaded to your computer. Open the file and store the library file on your computer. Follow your CAD/CAM system instructions to import the library and install it on your CAD/CAM system.

Software Libraries – General information:

- **Supported systems -** Software libraries for leading CAD/CAM systems containing all relevant restoration parts (Scan Abutments, Ti-Bases, Adhesive Copings Screws and Analogues) are available for download. The company may update its supported systems list from time to time according to market requirements.
- **Library type -** Library files are defined by the scan body type in use. One for use with 7mm Dual use scan bodies scan bodies and the other for use with 10mm LAB ONLY. Make sure you download and use library that matches the scan abutments in use.
- **Glue Gap –** Library files are available with a standard glue gap. (Recommended for most cases, especially for milling technology and CAM systems with glue gap amendment capability). Library files for Stereolithography technology based restoration are available with a wider glue gap.
- **Milling Tools shape and size –** For best milling results it is recommended to take in consideration CAM S/W milling strategy and choice of tools, size and shape.
- **Angled abutments -** Available in 2 versions. The "B" version should be used when the scan abutment is placed with the short flat face placed bocally as well as the slanted side of the base. The "L" version should be used when the slanted side of the base is place on the lingual side.
- **Direct mounting for screw retain -** Libraries files includes option for direct restoration mounting over TCT-N without the use of adhesive coping. Make sure you carefully read the IFU and follow the indications quoted.
- **Restoration Limits-** No restoration limits are applied to library elements except for screw insertion line!

Please note! Alpha-Bio Tec's sole responsibility is for the integrity and suitability of its library for the designated CAD/CAM system. Any issue and/or support request regarding importing and/or installing the libraries on the designated CAD/CAM system should be forwarded to the designated CAD/CAM system supplier and is its sole responsibility.

Alpha-Bio Tec's users should follow CAD system manufacturers loading instructions and easily start working with our parts. Detailed instructions and quick links to library data are available on our web site at: **www.alpha-bio.net**

CadCam Restoration work flow

To optimize your work simply follow our 5 steps restoration workflow. Before you begin, please ensure that you and the lab have all the required library files and restoration parts in place, ready for use.

For detailed ordering information, refer to the CAD/CAM catalog on our website at:
www.alpha-bio.net

Step 1

Clinic

Take a Traditional Impression

What is required:

- Standard ABT's Transfers- Please choose from ABT's catalog.
- Standard tray and impression materials (Open or closed).

Tips:

- For best accuracy take impression at the desired restoration level (Implant or screw retained).

Step 2

Lab

Model Casting & Scanning

What is required:

- Standard ABT's libratory Analogs - Please choose from ABT's catalog.
- Dual use scan bodies
- Multi Unit parts- when required.

Tips:

- For screw retained, place TCT-N or TSA-N on analog or use special screw retained analogs.
- Place respective scan abutment for scan.
- Scan at desired restoration level (Implant or screw retained).

Or

Take a Digital Impression
(Intraoral Scanning)

Clinic

What is required:

Dual Use Scan Bodies

Tips:

- No need for anti-glare spray
- For best accuracy take impression at the desired restoration level (implant or screw retained)
- Available for Internal Hex & Conical Hex Connection platforms

Send File to Lab

Step 3

Lab

CAD Design

What is required:

- Library files are available for leading CAD/CAM systems.
- Please refer to our updated list of supported systems available on our web site: www.alpha-bio.net

AMANNGIRRBACH
dental wings
exocad egs
3shape

Tips:

- Library files are available in 2 versions: Regular or wide glue gap. (use wide glue gap when restoration is manufactured using laser sintering)

Step 4

Lab

CAM Manufacturing

What is required:

- CAM systems that can produce parts designed by our supported CAD systems.
- Please refer to the updated list of our supported CAD systems available on our web site at: www.alpha-bio.net

AMANNGIRRBACH
dental wings
exocad egs
3shape

Tips:

- Choose glue gap according to technology and system instructions used.
- For best results, milling strategy and choice of tools should be considered.

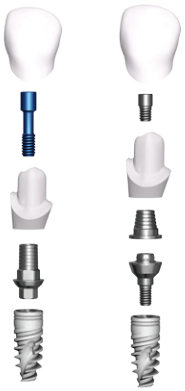
Step 5

Lab Clinic

Cementation and Final Restoration

What is required:

- Ti Bases for cemented or adhesive copings for screw retained level.
- Cementation materials.
- Abutment screws (provided with the bases/copings)



Tips:

- Refer to IFU for resin cement type recommendation.
- Choose engaged or non engaged parts according to restoration type.
- When cementation performed in a patients mouth, make sure you unattach after hardening and remove excessive glue.

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 to 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 every scan body 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 134°c for 7 minutes and then dry for another 30 minutes.

Scan Bodies:

Allows dentists to take "digital" impression from patient mouth and/or for technicians to scan cast model. They transfer the implant position (location, depth and orientation) to a digital format. Digital library is needed.

Materials:

- Body - Polyether-ether-ketone, PEEK
- Base - Titanium alloy.

Indications:

- Scan bodies are available in 2 sizes:
  - 10 mm for LAB USE ONLY.
  - 7 mm for Dual use.
- 10 mm LAB USE ONLY scan bodies are suitable for use in lab on cast model only. They should not be used intra orally!
- 7 mm Dual use scan abutments are used in lab for scanning the cast model and/or intra orally in clinic using Intra-oral scanner.
- **Important!** Scan bodies must be cleaned and sterile prior to use in patient mouth. Please follow cleaning instructions here under.
- 2 flat surfaces (short and long) are available on each scan body for easy and accurate alignment of scan image with the library image. The flat surfaces correlate with the implant connection flat faces. For better scanning precision we recommend to locate the flat surfaces in palatinal/lingual orientation.
- For use with Engaged bases and/or adhesive copings, the short flat face on the scan body should be aligned with the indexing side of the base/adhesive coping.
- For use with angled abutment, the short flat face on the scan abutment should be aligned with the slanted (Bocal) side of the base.
- The scan body should be screwed manualy or with maximum 10 Ncm. Scan body is a precise tool and being tightened hard may change its geometry causing errors in scanning process and discrepancy in accuracy.
- The different scan Bodies correspond with the respective platform (implants or screw retained) indicated by laser marks on each abutment
- The scanning process should be performed as recommended by CAD/CAM system manufacturer. It is important to choose the correct implant connection in software and corresponding type for the chosen restoration (engaging/non-engaging).
- After process the scan abutment can be loosened and placed gently on the tray or box.
- Scan abutments are opaque to optical scanners and need no antiglare spray.
- Scan bodies uses a standard screw - STLAS screw Ref.#5122 for Internal Hex connection (included) or STLA-CHC Ref.# 7345 for Conical Hex connection (included), excluding 7mm dual use scan bodies for TCT-N and TSA-N screw retained restoration which require a special screw - code SR-SBIOS Ref. # 4959 (included').

Sterility and cleaning of Dual Use Scan Bodies:

- Meticulously eliminate all the post-operative residual tissue or bone from used scan bodies (SB), by immersing and rinsing in cold water (<40°C).
- Clean the used SB thoroughly first by immersing them in mild, pH-neutral enzymatic solution for up to 20 minutes or until rinsing can be performed. Avoid contact with phenol alcohol, chlorine, acid or quaternary ammonia. Rinse the SB under a hard stream of cold water (<40C°). Avoid water with high concentration of chlorine.
- Flush the SB lumen with hypodermic needle.
- Scrub the SB with a soft nylon brush. Make sure to meticulously eliminate all the post-operative residues (blood, bone etc.).
- Immerse components in an approved disinfectant. Refer to the manufacturer's Instructions For Use, do not use disinfectants containing chlorine, ammonia and aldehydes.
- Wash the SB at least three times in distilled water and dry them with a clean lint-free towel. Alternately, dry the SB by compressed air.
- Place the clean SB in a Surgical Organizer Box.
- Sterilize the SB using a steam autoclave according to autoclave manufacturer's recommendations (at a temperature of 134C / 207F for 7 minutes followed by a 30 minutes dry cycle). Distilled water should be used in order to avoid surface stains. Before use make sure that the elements inside the autoclave, are not rusted. Chemclave is NOT recommended.
- Do not exceed the autoclave manufacturer's stated maximum load.

Laboratory analogs and abutment screws:

Indication:

- Standard laboratory analog and/or dedicated analogs for printed models should be used.
- For Internal Hex, laboratory grade abutment screw (black) is can be used for multiple laboratory uses.
- Standard abutment screw (blue for Internal Heb platform-IH or gold for Conical Hex Connection platform-CHC) is indicated for final prosthetic restoration.

Software Libraries:

Download instructions:

Download and extract library files in just a few easy steps:

1. Enter our web site at:
   http://alpha-bio.net/global/products/digital-solutions/download-center/cad-cam-libraries-download/
   Choose the CAD/CAM system in use:
2. o AmannGirrebach
   o 3 Shape
   o Exocad
   o Dental Wings
   o EGS
3. Choose the scan body in use:
   o 7 mm Dual Use.
   o 10 mm Lab only.
4. Click and download the library.

A *.rar file will be downloaded to your computer. Open the file and store the library file on your computer. Follow your CAD/CAM system instructions to import the library and install it on your CAD/CAM system.

Software Libraries – General information:

- **Supported systems -** Software libraries for leading CAD/CAM systems containing all relevant restoration parts (Scan Abutments, Ti-Bases, Adhesive Copings Screws and Analogues) are available for download. The company may update its supported systems list from time to time according to market requirements.
- **Library type -** Library files are defined by the scan body type in use. One for use with 7mm Dual use scan bodies scan bodies and the other for use with10mm LAB ONLY. Make sure you download and use library that matches the scan abutments in use.
- **Glue Gap –** Library files are available with a standard glue gap. (Recommended for most cases, especially for milling technology and CAM systems with glue gap amendment capability). Library files for Stereo lithography technology based restoration are available with a wider glue gap.
- **Milling Tools shape and size –** For best milling results it is recommended to take in consideration CAM S/W milling strategy and choice of tools, size and shape.
- **Angled abutments -** available in 2 versions. The "B" version should be used when the scan abutment is placed with the short flat face placed bocally as well as the slanted side of the base. The "L" version should be used when the slanted side of the base is place on the lingual side.
- **Direct mounting for screw retain -** Libraries files includes option for direct restoration mounting over TCT-N without the use of adhesive coping. Make sure you carefully read the IFU and follow the indications quoted.
- **Restoration Limits-** No restoration limits are applied to library elements except for screw insertion line!

Please note! Alpha-Bio Tec's sole responsibility is for the integrity and suitability of its library for the designated CAD/CAM system. Any issue and/or support request regarding importing and/or installing the libraries on the designated CAD/CAM system should be forwarded to the designated CAD/CAM system supplier and is its sole responsibility.

Titanium Bases and Titanium Adhesive Copings:

Titanium bases and adhesive copings act as an adhesive base for individual abutments combined with copings, crowns and superstructures made of dental ceramics such as Zirconium and/or metal alloys such as CrCo .

Material:

- Titanium alloy.

Indications:

- Suitable for engaging (single tooth) and non-engaging (bridge construction).
- Bases are used for implant level restoration.
- Adhesive copings are used for screw retained restoration.
- Suitable for use only with its matching platform.
- Indicated for single use only.
- Angled Titanium bases are suitable for incline correction of up to 20 deg. With respect to the implant axis.
- Angled Titanium bases should be placed with slanted side bocally. If placed with slanted side lingual, "L" version libray file should be used.
- Recommended final restoration closing torque of: 30 Ncm when fixing the bases on Internal Hex implants. 20 Ncm when fixing the bases on NICE (CHC) implants. 25 Ncm when fixing the adhesive coping on the internal Hex screw retained abutments.

Contra-indication:

- Insufficient oral hygiene.
- Insufficient space available.
- Bruxism.
- For restorations with angulation correction of more than 20°to the implant Axis.
- For restorations with excessive cantilever.

Processing the bases (or Adhesive Coping):

- The individual abutment cemented to the bases and/or adhesive copings shall be milled or polished with tools of 0.5mm diameter sharp or rounded edge.
- Copings should be veneered before cemented onto the bases.
- Inner side of bases should not be treated mechanically or sand blasted.
- The diameter and length of the bases should not be reduced.
- Before cementing the ceramic individual abutments, the surface that comes in contact with the ceramic part should be sandblasted with aluminum oxide (50-250 micron) at 2 bar and then cleaned intensively with steam jet. Metal primer may be applied on the blasted surface and on ceramic individual part.
- To protect the integrity and precision of the connection, when treating the base it is advised to fix on a laboratory analog.

Cementing and polishing:

- It is recommended to cement the ceramic abutment onto the base with resin cement: Panavia F2.0 (Made by Kuraray) or with RelayXUnicam (Made by 3M-Espe) or any other similar cement. The instruction for use of the cement should be followed carefully.
- The base should be fixed on a laboratory analog by using abutment screw. The screw channel should be sealed with wax or resin.
- The mixed cement should be applied onto the connecting part of the base.
- The abutment should be pressed onto position on the base until base and abutment are in line with the bearing surface. Gap between the abutment and base should be minimal.
- Remove large surplus cement immediately.
- After hardening, the remaining cement should be removed with silicon polishers.
- The screw channel should be cleaned.

Pre-milled Blank Abutments:

Pre-milled Blank Abutments are used as a raw material for CAD/CAM fabrication of a single part (monolithic) titanium abutment. Pre-milled blank abutments are "platform specific" and must be used ONLY with their designated abutment holder and supported CAM systems.

Material:

- Titanium alloy.

Indications:

- Blanks are used for implant level restoration.
- Suitable for use only with its matching platform.
- Indicated for single use only.
- For use with Medentika's Preface abutment interface and its supported CAM systems only
- Recommended final restoration closing torque of: 30 Ncm when fixing the on Internal Hex implants. 20 Ncm when fixing on NICE (CHC) implants.
- Contra-indication:
- Insufficient oral hygiene.
- Insufficient space available.
- Bruxism.
- For restorations with excessive cantilever.

"Direct mounting" for screw retain restoration

Although it is highly recommended to use adhesive copings for restoration over screw retain parts, Library files allow direct restoration (without the use of adhesive copings) over screw retain parts.

Indications:

- CrCo Single tooth or small bridge (up to 3 teeth).
- Specific screw for direct mounting (SF-DM-SR; Ref 4994) should be used for fixing restoration directly on TCT-N and/or TSA-N screw retained parts.

Counter Indications:

- Direct restoration of ceramic individual abutments and bridges.

AlphaBio's Digital

Smart Implantology Solutions

Authorized European regulatory representative:
EC REP **MEDES LIMITED**
5 Beaumont Gate, Shenley Hill Radlett, Herts WD7 7AR. England U.K. T./F. +44.192.3859810

Please check our website **www.alpha-bio.net** for the most updated brochure version.