



DIGITAL ENABLERS

CadCam

BRINGING 3 DECADES OF EXCELLENCE & PRECISION INTO OUR CAD/CAM PRODUCTS AND DIGITAL LIBRARIES.

Alpha-Bio Tec introduces a comprehensive range of CAD/CAM restoration products for Internal Hex and Conical platforms. All products feature original Alpha-Bio Tec connections with the exact tolerances, ensuring best reliable implant to restoration fit, and offer solutions for single tooth and bridge restorations.

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

Unique geometry for precise transfer of implant position, trajectory and orientation to the CAD system. The peek body and titanium base enables accuracy and long lasting use. The scan bodies are biocompatible and autoclavable.

Titanium Bases (Ti-bases)

The ti-bases are used as abutment bases for digital restorations with Alpha-Bio Tec original implant connections. Parts available in a range of gingival heights.

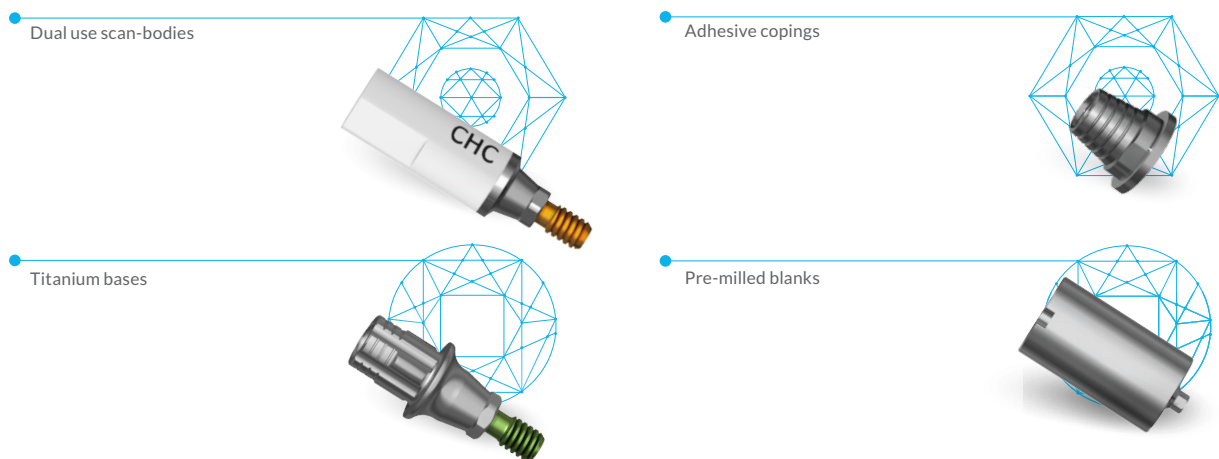
Adhesive Copings

Adhesive copings are used as adapters for screw retained zirconium restorations at abutment level - multi-unit angled and straight abutments (TCT-N connection). Zirconia restorations may not withstand the screw forces, thus for cases where there is no plan for a metal frame, the adhesive coping is indicated. A direct mounting screw is available for restorations without adhesive copings.

Pre-milled Blanks are used as raw material for CAM fabrication of a single part (monolithic) titanium abutment. Original pre-milled implant connection is fabricated with the exact tolerances, ensuring best reliable implant to restoration fit. Fits Medentika's® Preface abutment holder.

CAD/CAM Libraries

Software libraries contain all relevant Cad/Cam parts - Scan Bodies, Ti-Bases, Adhesive Copings, Screws, Analogs and Pre-Milled Blanks. Alpha-Bio Tec Libraries enable simple and easy designing and manufacturing of your restorations and support all Alpha-Bio Tec. implant platforms. Please refer to Alpha-Bio Tec website to download our libraries.



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

3shape

exocad

dental wings

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Internal Hex Connection (IH)

SUPPORTED IMPLANTS: MultiNeO IH, Spiral, ICE, DFI IH



Dual Use Scan Body
Height 10 mm

SB-IH
5019

Standard abutment screw included.
Use standard driver - 4052

Ti Bases

	Engaged (single tooth)			Non Engaged (bridges/bars)		
Gingival Height	0.75 mm	1.5 mm	2.5 mm	0.75 mm	1.5 mm	2.5 mm
Dimensions	A: Ø4.7 mm B: 4 mm C: 4.87 mm D: 0.5 mm	A: Ø4.7 mm B: 4 mm C: 4.87 mm D: 0.5 mm	A: Ø4.7 mm B: 4 mm C: 6.62 mm D: 0.5 mm	A: Ø4.7 mm B: 4 mm C: 4.87 mm D: 0.5 mm	A: Ø4.7 mm B: 4 mm C: 4.87 mm D: 0.5 mm	A: Ø4.7 mm B: 4 mm C: 6.62 mm D: 0.5 mm
Code	CCTB-0.75-AR-IH	CCTB-1.5-AR-IH	CCTB-2.5-AR-IH	CCTB-0.75-R-IH	CCTB-1.5-R-IH	CCTB-2.5-R-IH
Ref. No.	4961	4962	4963	4964	4965	4966

* Use with replacement screw 5462

Ti Bases - Wide

	Engaged (single tooth)	Non Engaged (bridges/bars)
Gingival Height	0.7 mm	0.7 mm
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

* Use wide ti-bases with standard replacement screw 5122

Pre-milled blanks

	BA-PF-IH	WBA-PF-IH
Dimensions	A: Ø11.5 mm B: 20.2 mm	A: Ø15.8 mm B: 20.25 mm C: 15.25 mm D: Ø11.5 mm
Code	BA-PF-IH	WBA-PF-IH
Ref. No.	4988	4989
Instructions	For PreFace® abutment holder	

* Standard abutment screw included.

Screws

Analogs

Insertion Tool

Code	STLA_IH_60_DEG	IA	AN_PM_IH	AMPT_IH_CS
Ref. No.	5462	5080	5457	5459
Instructions	IH Ti-base replacement screw. Screw is included in package	For plaster models.	For printed models	Analog printed model insertion tool, IH, CS, TCT



Conical Narrow Connection (CHC)

SUPPORTED IMPLANTS: MultiNeO CHC, MultiNeO NH CHC
(Ø3.2, Ø3.5), NICE (Ø3.2)



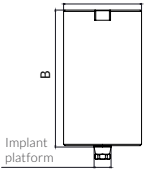

Dual Use Scan Body
Height 10 mm

SB-CHC | 5021





For lab use and intra-oral.
CHC abutment screw included

Ti Bases						
	Engaged (single tooth)			Non Engaged (bridges/bars)		
						
Gingival Height	0.75mm	1.5mm	2.5 mm	0.75 mm	0. 1.5 mm	2.5 mm
Dimensions	A: Ø4 mm B: 4 mm C: 4.87 mm D: 0.5 mm	A: Ø4 mm B: 4 mm C: 5.62 mm D: 0.5 mm	A: Ø4 mm B: 4 mm C: 6.62 mm D: 0.5 mm	A: Ø4 mm B: 4 mm C: 4.87 mm D: 0.5 mm	A: Ø4 mm B: 4 mm C: 5.62 mm D: 0.5 mm	A: Ø4 mm B: 4 mm C: 6.62mm D: 0.5 mm
Code	CCTB-0.75-AR-CHC	CCTB-1.5-AR-CHC	CCTB-2.5-AR-CHC	CCTB-0.75-R-CHC	CCTB-1.5-R-CHC	CCTB-2.5-R-CHC
Ref. No.	5450	5451	5452	5453	5454	5455

* Use with replacement screw 5463

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

* CHC abutment screw included.

	Screw	Analog		Insertion Tool
				
Code	STLA_CHC_60_DEG	IA-CHC	AN-PM-CHC	APMT_CHC
Ref. No.	5463	7338	5458	5460
Instructions	CHC Ti-base replacement screw. Screw is included in package.	For plaster models	For printed models	Analog Printed Model Insertion Tool - CHC



Conical Standard Connection (CS)

SUPPORTED IMPLANTS: MultiNeO CS, MultiNeO NH CS (Ø3.75, Ø4.2, Ø5), DFI CS (Ø3.75, Ø4.2, Ø5)



Dual Use Scan Body
Height 10 mm

IOSB-LCS | 3837

CS abutment screw included.
Use standard driver - 4052

Ti Bases

	Engaged (single tooth)			Non Engaged (bridges/bars)			
Gingival Height	0.75 mm	1.5 mm	2.5 mm	0.75 mm	1.5 mm	2.5 mm	
Dimensions	A: Ø4.7 mm B: 4 mm C: 4.87 mm D: 0.5 mm	A: Ø4.7 mm B: 4 mm C: 5.62 mm D: 0.5 mm	A: Ø4.7 mm B: 4 mm C: 6.62 mm D: 0.5 mm	A: Ø4.7 mm B: 4 mm C: 4.87 mm D: 0.5 mm	A: Ø4.7 mm B: 4 mm C: 5.62 mm D: 0.5 mm	A: Ø4.7 mm B: 4 mm C: 6.62 mm D: 0.5 mm	
Code	TB0.75ARCS	TB1.5ARCS	TB2.5ARCS	TB0.75RCS	TB1.5RCS	TB2.5RCS	
Ref. No.	3832	3840	3842	3833	3841	3843	

* Use CS replacement screw 3510

Pre-milled Blanks





Dimensions	A: Ø11.5 mm B: 20 mm		Dimensions	A: Ø15.8 mm B: 20 mm C: 15 mm	
Code	BA-PF-CS		Code	WBA-PF-CS	
Ref. No.	3854		Ref. No.	3855	
Instructions	CS abutment screw included For PreFace® abutment holder				

	Screw	Analog		Insertion Tool
Code	STLA-CS	IA-CS	AN-PM-CS	APMT_IH_CS
Ref. No.	3510	3459	3838	5459
Instructions	CS abutment/Ti Base replacement screw	For plaster models	For printed models	Analog printed model insertion tool, IH, CS, TCT









TCT-N For Multi-Unit Abutments

SUPPORTED IMPLANTS: MultiNeO, MultiNeO NH, Spiral, ICE, DFI, NICE

	Dual Use Scan Bodies		Adhesive Copings	
			Engaged (single tooth) 	Non Engaged (bridges/bars) 
Height	Height: 7 mm	Height: 7 mm	Height: 3.5 mm	Height: 3.5 mm
Code	IOSB-TCT-N-R	IOSB-TCT-N	TAC-TCT-N	TAC-TCT-N-R
Ref. No.	3883	5003	5028	5029
Instructions	For bridge restoration with multi-unit straight and angled abutments	For single crown restoration with multi-unit angled abutments	For single crown restoration with multi-unit angled abutments	For bridge restoration with multi-unit straight and angled abutments

* Screw included.

Screws			
			
Code	SF-N	SFT-N	S-DM-SR
Ref. No.	6092	6093	4994
Instructions	Standard multiunit TCT-N screw (included in package)	Lab use multiunit TCT-N screw	For direct mounting

	Analog		Insertion Tool
			
Code	BTT-N	AN-PM-TCT-N	APMT_IH_CS
Ref. No.	5211	5456	5459
Instructions	Multi-Unit/TCT analog for plaster model	Multi-Unit/TCT analog for 3D printed model*	Analog printed model insertion tool, IH, CS, TCT

Sirona Compatible

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



Internal Hex Connection (IH)

SUPPORTED IMPLANTS: MultiNeO IH, Spiral, ICE, DFI IH

	Ti Base				Scan Post
Code	CCTB-IH-SI	SiTB_IH_1.5	SiTB_IH_2.5	SiTB_IH_3.5	CCSP-IH-SI
Ref. No.	4980	5464	5465	5466	4984
Dimensions	A: 0.5mm	A: 1.5mm	A: 2.5mm	A: 3.5mm	
Instructions	For scan and/or restoration use				For scanning purpose only
	Use replacement screw 5122		Use replacement screw 5462		



Conical Narrow Connection (CHC)

SUPPORTED IMPLANTS: MultiNeO CHC, MultiNeO NH CHC (Ø3.2, Ø3.5), NICE (Ø3.2)

	Ti Base				Scan Post
Code	CCTB-CHC-SI	SiTB_CHC_1.5	SiTB_CHC_2.5	SiTB_CHC_3.5	CCSP-CHC-SI
Ref. No.	4982	5467	5468	5469	4985
Dimensions	A: 0.5mm	A: 1.5mm	A: 2.5mm	A: 3.5mm	
Instructions	For scan and/or restoration use				For scanning purpose only
	Use replacement screw 7345		Use replacement screw 5463		



Conical Standard Connection (CS)

SUPPORTED IMPLANTS: MultiNeO CS, MultiNeO NH CS (Ø3.75, Ø4.2, Ø5.0), DFI CS (Ø3.7, Ø4.2, Ø5.0)

	Ti Base				Scan Post
Code	CSTB-CS-SI	SiTB_CS_1.5	SiTB_CS_2.5	SiTB_CS_3.5	CSSP-CS-SI
Ref. No.	3856	5470	5471	5472	3857
Dimensions	A: 0.5mm	A: 1.5mm	A: 2.5mm	A: 3.5mm	
Instructions	For scan and/or restoration use				For scanning purpose only
	Use replacement screw 3510				

* Use 1.25 mm driver @30Ncm.



 **Alpha Bio**_{TEC}
Simplantology

Alpha-Bio Tec's products are CE-marked in accordance with the Council Directive 93/42/EEC.
Alpha-Bio Tec's complies with EN ISO 13485:2016. Product availability may vary between countries.

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