

Prosthetics Systems Conical Hex Connection Platform

Alpha-Bio Tec's diverse prosthetic system provides comprehensive solutions for the Conical Connection platform. Restoration options include a wide range of straight, angled and castable abutments for Cement Retained restoration.

A range of scan bodies and TI bases for Digital CAD/CAM Restoration and Titanium Ball Attachments for Overdenture restorations.

CAD/CAM Restoration



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

Cement-Retained



Alpha-Bio Tec offers a variety of abutments for cement retained restoration for the Conical Hex Connection platform. The CHC line includes straight, angled and chrome cobalt casting abutments for single tooth restoration. The esthetic abutments are gold anodized for high esthetics.

Overdenture Restoration



Alpha-Bio Tec's line of Overdenture attachment for the Conical Hex Connection platforms include the well proven Ball Attachment which provides an excellent and intuitive an Intuitive and easy solution.

Screw Retained



Alpha-Bio Tec's introduces a new line of advanced restoration system with a narrow shape for Conical Hex Connection Implants. The new restorative parts provides a strong esthetic solution for that supports various clinical situations from a single tooth, partial or a full edentulous jaw.



	Healing Abutments	Impression	Temporary Abutments	Abutments
Cement-retained Restoration	 Ø3.4 mm HSD3.4-2-CHC (7311) HSD3.4-3-CHC (7312) HSD3.4-5-CHC (7313) HSD3.4-7-CHC (7314)	Closed Tray Transfer SHLT-CHC (7334) HLTS-CHC (7333)		Straight Esthetic Simply Straight ETLASP1-CHC(7350) ETLASP2-CHC(7351) ETLASP3-CHC(7352) ETLASP4-CHC(7353) Esthetic Simply Straight Wide ETWASP1-CHC(7370) ETWASP2-CHC(7371) ETWASP3-CHC(7372) ETWASP4-CHC(7373) ETWASP5-CHC(7374) Esthetic Standard ETLAS3.2-CHC(7356) ETLAS3.6-CHC(7357) ETLAS4.0-CHC(7383) Standard Abutments TLAS4.0-CHC(7358)
	 Ø3.8 mm HSD3.8-2-CHC (7315) HSD3.8-3-CHC (7316) HSD3.8-5-CHC (7317) HSD3.8-7-CHC (7318)	Open Tray Transfer LGP-CHC (7336) LGP-CHC (7337) HLTO-CHC (7335)		
	 Ø4.2 mm HSD4.2-2-CHC (7319) HSD4.2-3-CHC (7320) HSD4.2-5-CHC (7321) HSD4.2-7-CHC (7322)	Implant Analog IA-CHC (7338)		
	 CST-CHC Ref. No. 7300			
Screw-retained Restoration	TCT System – Restoration for Up to 30° between the implants			
	 HCT6-N (5237) HCTB-N (5241) HCT4-N (5236)	Open Tray Transfers TST-N (5231) TST-N-R (5248) SFL-N (6012) Closed Tray Transfers S-N (5235) Analog AUC-BTT-N (5212) BTT-N (5211)	 TTA-N (5216)	 TCT0.75-N-CHC (5242) TCT1.5-N-CHC (5243) TCT2.5-N-CHC (5244) TCT3.5-N-CHC (5245) TCT4.5-N-CHC (5246) TCT5.5-N-CHC (5247)
	TSA System – Restoration for Up to 45° between the implants			
	 HSA3.0-N (5239) HSA5.0-N (5240)	Open Tray Transfers SFL-N (6012) TOS-N (5233) Closed Tray Transfers S-N (5235) Analog AUC-BTS-N (5214) BTS-N (5213)	 TSS-N (5215)	N/A
	Alpha Universe			
	According to Selected UniCover	According to Selected UniCover	According to Selected UniCover	According to Selected UniCover
Casting				
Overdenture Restoration	Same as Cement-retained Restoration at implant level	Ball Attachments		
		Same as Cement-retained Restoration at implant level	 TB 1.0-CHC (7403) TB 2.0-CHC (7404) TB 3.0-CHC (7405) TB 4.0-CHC (7406) TB 5.0-CHC (7407)	
		AlphaLoc Attachment*		
		 AA 0.5-CHC (7430) AA 1-CHC (7431) AA 2-CHC (7432) AA 3-CHC (7433) AA 4-CHC (7434) AA 5-CHC (7435)		
	Closed Tray Transfers Impression Coping (4884) Block Out Spacer (4883) Analog Female Analog (4885)			

* Products are available for sale as single parts or as "AlphaLoc Kit"

Abutments	Screws	AlphaUniverse UniCovers	Nylon Caps
Angled			
15° 	Abutment Screw STLA-CHC (7345)		
25° 	Retrieval Screw RS-CHC (7400)		
15° 			
25° 			
TCT System – Restoration for Up to 30° between the implants			
Casting 			
TSA System – Restoration for Up to 45° between the implants			
Casting 			
Alpha Universe			
Casting			

CadCam

Digital Restoration Line



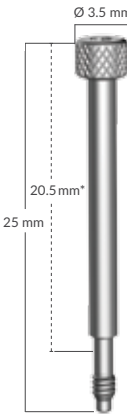
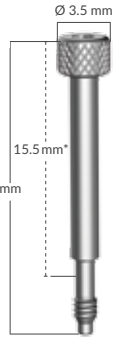
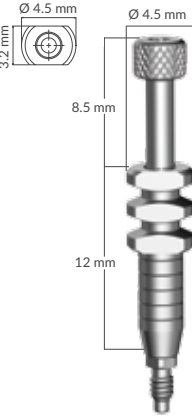
Please see Page 98 for Digital Restoration Line

 Cement Retained Restoration
Conical Hex Connection Platform

Cement Retained - Implant Impression Transfers

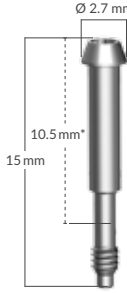
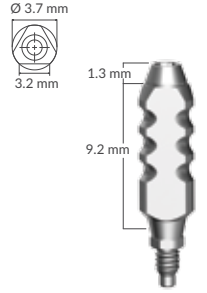
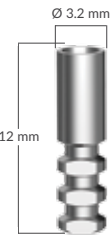
Open Tray Transfer

- Special screw design, allows manual handling
- Ability to tighten the transfer screw by means of insertion of 1.25 mm driver on top of the transfer screw
- Narrow design allows taking impression in limited spaces between adjacent teeth
- Special design to ease impression taking in narrow places without effecting the accuracy
- Leading guide pin to ease the insertion of the screw connection

	Open Tray Transfer Long Screw	Open Tray Transfer Short Screw	Open Tray Transfer
			
Code	LGP-CHC	GPS-CHC	HLTO-CHC
Ref. No.	7336	7337	7335
Instructions	Supplied with the screw LGP-CHC		

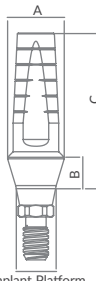



Closed Tray Transfer

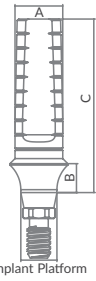




- Narrow design allows taking impression in limited spaces between adjacent teeth
- Special screw and transfer design (triangular) allows precise, easy and decisive re-insertion into the impression
- Ability to tighten the transfer screw by means of insertion of 1.25 mm driver on top of the transfer screw

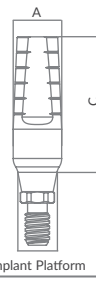



	Screw for Closed Tray Transfer	Closed Tray Transfer	Implant Analog
			
Code	SHLT-CHC	HLTS-CHC	IA-CHC
Ref. No.	7334	7333	7338

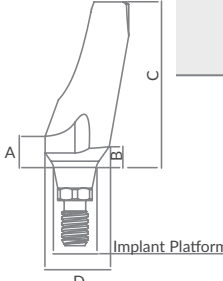



* Note: Implant level.

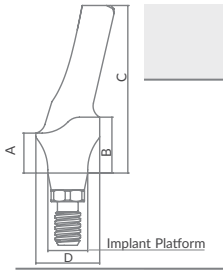



Cement Retained - Esthetic Abutments

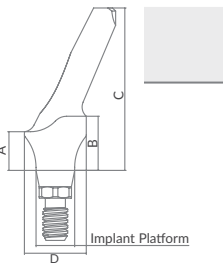

	Esthetic Simply Straight Abutments			
				
Dimensions	A: Ø 3.6 mm B: 1.0 mm C: 8.9 mm	A: Ø 3.6 mm B: 2.0 mm C: 9.9 mm	A: Ø 3.6 mm B: 3.0 mm C: 10.9 mm	A: Ø 3.6 mm B: 4.0 mm C: 11.9 mm
Code	ETLASP1-CHC	ETLASP2-CHC	ETLASP3-CHC	ETLASP4-CHC
Ref. No.	7350	7351	7352	7353
Instructions	Recommended closing torque: 20 Ncm. Do not exceed 20 Ncm.			

	Esthetic Simply Straight Wide Abutments				
					
Dimensions	A: Ø 4.0 mm B: 1.0 mm C: 11.0 mm	A: Ø 4.0 mm B: 2.0 mm C: 12.0 mm	A: Ø 4.0 mm B: 3.0 mm C: 13.0 mm	A: Ø 4.0 mm B: 4.0 mm C: 14.0 mm	A: Ø 4.0 mm B: 5.0 mm C: 15.0 mm
Code	ETWASP1-CHC	ETWASP2-CHC	ETWASP3-CHC	ETWASP4-CHC	ETWASP5-CHC
Ref. No.	7370	7371	7372	7373	7374
Instructions	Recommended closing torque: 20 Ncm. Do not exceed 20 Ncm.				



	Esthetic Standard Abutments			Standard Abutment
				
Dimensions	A: Ø 3.2 mm C: 9.0 mm	A: Ø 3.6 mm C: 9.0 mm	A: Ø 4.0 mm C: 11.0 mm	A: Ø 4.0 mm C: 9.2 mm
Code	ETLAS3.2-CHC	ETLAS3.6-CHC	ETLAS4.0-CHC	TLAS4.0-CHC
Ref. No.	7356	7357	7383	7358
Instructions	Recommended closing torque: 20 Ncm. Do not exceed 20 Ncm.			Can be used as blank abutment for CAD/CAM systems.

Esthetic Angled Titanium Abutments			
			
	15°	15°	25°
	Dimensions	Dimensions	Dimensions
	A: 1.1 mm B: 1.5 mm C: 8.2 mm D: Ø 3.9 mm	A: 1.1 mm B: 1.5 mm C: 10.2 mm D: Ø 3.9 mm	A: 1.1 mm B: 1.4 mm C: 8.2 mm D: Ø 4.3 mm
Code	ETLA15-CHC	ETLAL15-CHC	ETLA25-CHC
Ref. No.	7360	7361	7362
Instructions	Recommended closing torque: 20 Ncm. Do not exceed 20 Ncm.		



Esthetic Anatomic 15° Angled Titanium Abutments			
			
	15°	15°	15°
	Dimensions	Dimensions	Dimensions
	A: 1.5 mm B: 2.5 mm C: 9.5 mm D: Ø 4.0 mm	A: 2.5 mm B: 3.5 mm C: 10.5 mm D: Ø 4.0 mm	A: 3.5 mm B: 4.5 mm C: 11.5 mm D: Ø 4.0 mm
Code	EA15-1.5 CHC	EA15-2.5 CHC	EA15-3.5 CHC
Ref. No.	7363	7364	7365
Instructions	Recommended closing torque: 20 Ncm. Do not exceed 20 Ncm.		

Esthetic Anatomic 25° Angled Titanium Abutments			
			
	25°	25°	25°
	Dimensions	Dimensions	Dimensions
	A: 1.5 mm B: 2.5 mm C: 9.5 mm D: Ø 4.0 mm	A: 2.5 mm B: 3.5 mm C: 10.5 mm D: Ø 4.0 mm	A: 3.5 mm B: 4.5 mm C: 11.5 mm D: Ø 4.0 mm
Code	EA25-1.5CHC	EA25-2.5CHC	EA25-3.5CHC
Ref. No.	7366	7367	7368
Instructions	Recommended closing torque: 20 Ncm. Do not exceed 20 Ncm.		

Screws

Abutment Screw	Retrieval Screw
	
STLA-CHC	RS-CHC
7345	7400

Abutments for Casting

Chrome Cobalt Base Abutments	
	
>1290°C - 1380°C	
TLABCC-CHC	TLABCC-R-CHC
3613	3614

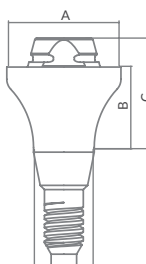

















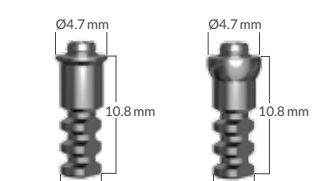
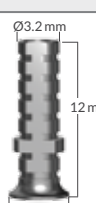
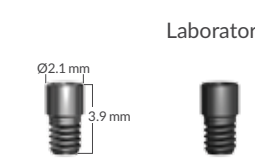

 Screw Retained Restoration
Conical Hex Connection Platform

TCT-N Tapered Connection Abutment System

Restoration For Up To 30° *

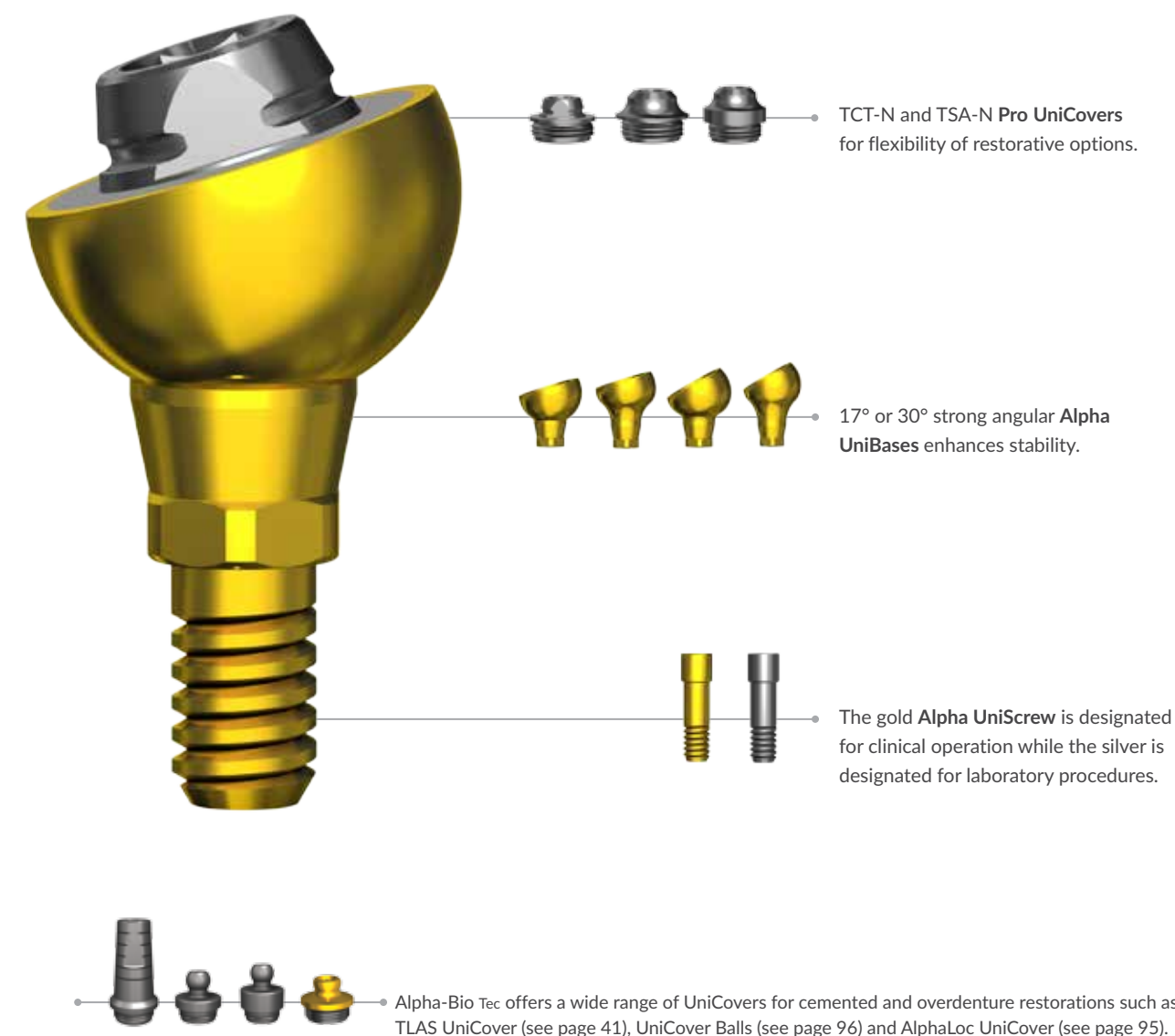
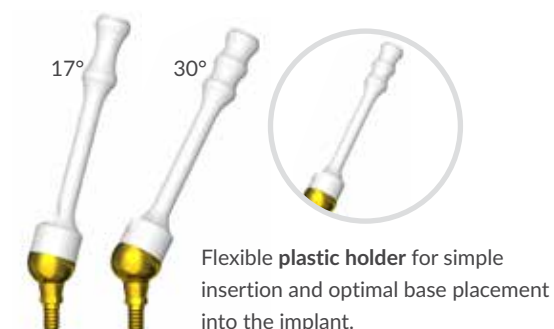
TCT-N CHC						
 Implant Platform						
	A: Ø 4.7 mm B: 0.75 mm C: 1.95 mm	A: Ø 4.7 mm B: 1.5 mm C: 2.7 mm	A: Ø 4.7 mm B: 2.5 mm C: 3.7 mm	A: Ø 4.7 mm B: 3.5 mm C: 4.7 mm	A: Ø 4.7 mm B: 4.5 mm C: 5.7 mm	A: Ø 4.7 mm B: 5.5 mm C: 6.7 mm
Dimensions						
Code	TCT- N 0.75 CHC	TCT-N 1.5 CHC	TCT-N 2.5 CHC	TCT-N 3.5 CHC	TCT-N 4.5 CHC	TCT-N 5.5 CHC
Ref. No.	5242	5243	5244	5245	5246	5247
Instructions	Use 1.5 mm Hex Driver for insertion (see page 98). Recommended closing torque: 30 Ncm.					

	Healing Abutments			Open Tray Transfers			Closed Tray Transfer
							
Height	4 mm	6.3 mm	4 mm	10 mm	10 mm	13 mm	8.5 mm
Code	HCT4-N	HCT6-N**	HCTB-N	TST-N	TST-N-R	SFL-N	TS-N
Ref. No.	5236	5237	5241	5231	5248	6012	5235
Instructions	Recommended closing torque: 10 Ncm.			Close manually			Close manually

Analog		Temporary Abutment	Screw Fixation		Burnout Sleeve	
						
Material	Titanium	Titanium	Titanium	Titanium with coating	Plastic	Plastic
Code	BTT-N	AUC-BTT-N	TTA-N	SF-N	SFT-N	PST-N-AR PST-N Non-Engaging
Ref. No.	5211	5212	5216	6092	6093	5217 5218
Instructions			Use HTD 1.25 mm for insertion. Recommended closing torque for the final restoration on straight abutments: 25 Ncm.		Recommended closing manually only (without tool)	

ALPHA
UNIVERSE MULTI UNIT
ABUTMENTS

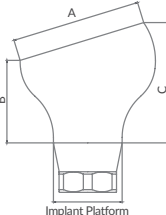




The Alpha Universe abutment system is intended for use in cases where implant angulation correction is required. The system is **simple** and **easy** to use and consists of two parts: the Alpha UniBase, available in a range of angles and heights, and the Pro Alpha UniCover which is available in a range of designs that correspond to the required restoration option. The **flexible** plastic holder has exceptional flexibility for easy insertion of the UniBase into the implant. The Pro Alpha UniCover is screwed into the Unibase, a design which provides extra **strength** and **stability**.






* Between implants. For more information see Screw-Retained Restoration Line brochure.


** For use only with 5317 see page 92.


Multi Unit Abutment System




Alpha UniBase				
 Implant Platform				
	A: Ø 4.7 mm B: 2.0 mm C: 3.35 mm	A: Ø 4.7 mm B: 3.0 mm C: 4.35 mm	A: Ø 4.7 mm B: 2.0 mm C: 3.35 mm	A: Ø 4.7 mm B: 3.0 mm C: 4.35 mm
	17°		30°	
	AUB17/2-NCHC	AUB17/3-NCHC	AUB30/2-NCHC	AUB30/3-NCHC
	7441	7442	7444	7445
Instructions	Use HTD 1.25 mm and HTD 1.25S (short) for insertion. Use 30 Ncm to tighten the abutment screw (see page 98)			
Includes	Alpha Unibase (Titanium), flexible holder (Plastic), 2 UniScrews (Gold one for the physician and silver one for the laboratory)			

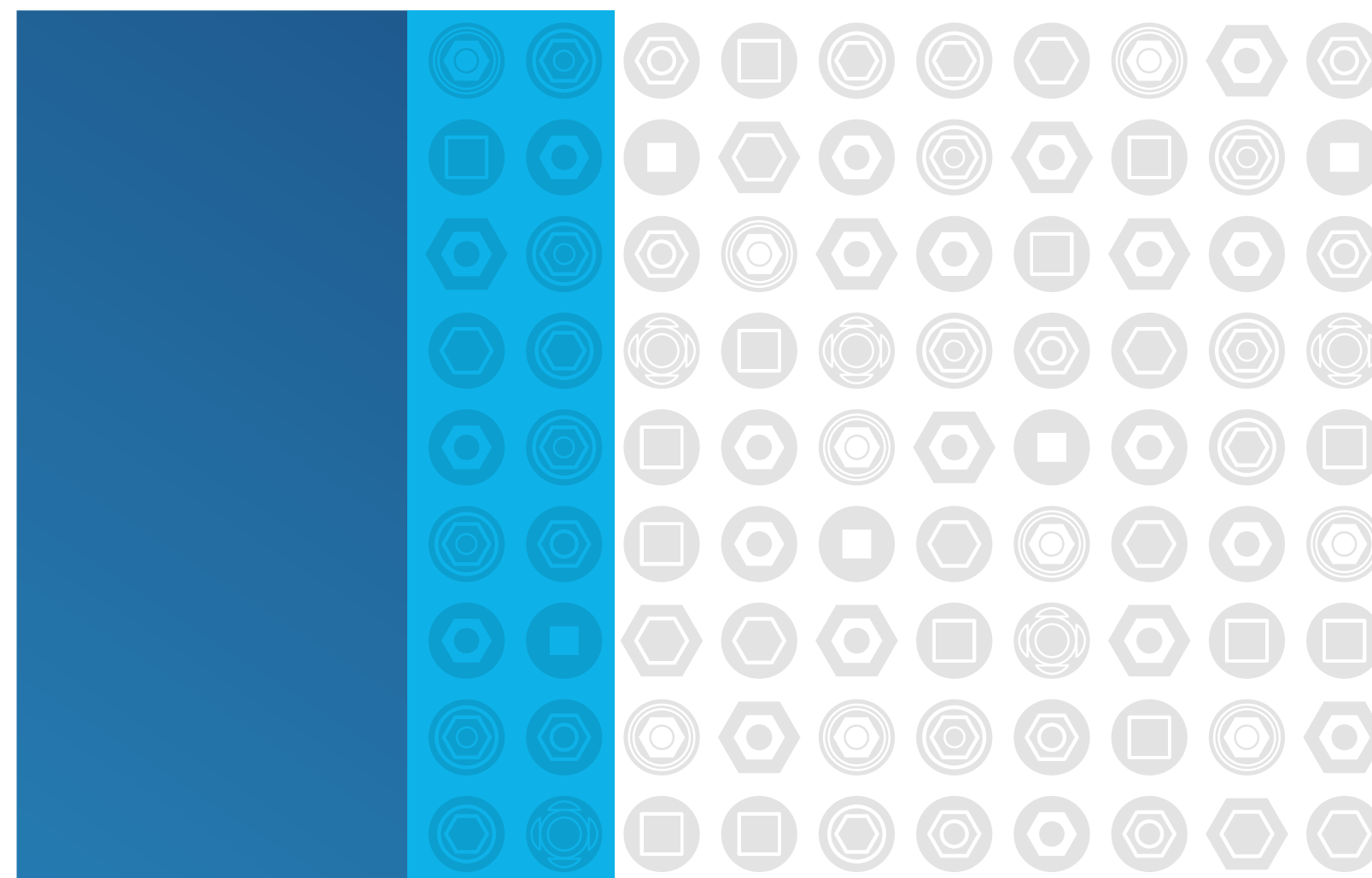


Pro Alpha UniCovers			
			
Description	UniCover TCT-N 2.1 mm	UniCover TSA-N 1.5 mm	UniCover TSA-N 2.5 mm
Code	AUC-TCT-N	AUC-TSA1.5-N	AUC-TSA2.5-N
Ref. No.	5201	5204	5203
Instructions	Use HTD 1.5 mm and HTD1.5S (short) for insertion. Use 30Ncm to tighten the Pro Alpha UniCovers		


UniBase 30X25 with UniCover TSA2.5 -N


UniBase 17X1.5 with UniCover TCT-N 2.1

UniScrew for UniBase (Titanium)		
		
	USP-CHC (for physician)	USL-CHC (for laboratory use)
	5317	5318
	Use HTD 1.25 mm for insertion. Use 30 Ncm to tighten the abutment screw (see page 98)	



Overdenture Restoration
Conical Hex Connection Platform

AlphaLoc Overdenture



The AlphaLoc overdenture-implant Attachment System is designed for use with full or partial dentures by endosseous implants in mandible or maxilla. AlphaLoc has the lowest vertical profile in the market, 2.1 mm, and the smallest width of 4.5 mm.

AlphaLoc Attachments Titanium alloy with TiN coating						
 Implant Platform						
Dimensions	A: 2.5 mm B: 0.5 mm C: 2.5 mm	A: 2.5 mm B: 1.0 mm C: 3.6 mm	A: 2.5 mm B: 2.0 mm C: 3.6 mm	A: 2.5 mm B: 3.0 mm C: 3.6 mm	A: 2.5 mm B: 4.0 mm C: 3.6 mm	A: 2.5 mm B: 5.0 mm C: 3.6 mm
Attachments Ref. No. (provided as single part, separately from the set)	7430	7431	7432	7433	7434	7435
Kit's Ref. No. AlphaLoc Kit : 1 Attachment of the given height, 1 Stainless Steel Metal Housing, 4 Retentive Caps, 1 Protective Disc, 1 Laboratory Cap	7470	7471	7472	7473	7474	7475

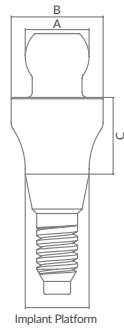
AlphaLoc UniCover		
Height	2 mm	AUB30/3-NCHC with Alphasoc UniCover
Ref. No.	4880	

Alpha UniBase				
 Implant Platform				
Dimensions	A: Ø 4.7 mm B: 2.0 mm C: 3.35 mm	A: Ø 4.7 mm B: 2.0 mm C: 3.35 mm	A: Ø 4.7 mm B: 2.0 mm C: 3.35 mm	A: Ø 4.7 mm B: 2.0 mm C: 3.35 mm
Degree	17°		30°	
Code	AUB17/2-NCHC	AUB17/3-NCHC	AUB30/2-NCHC	AUB30/3-NCHC
Ref. No.	7441	7442	7444	7445
Instructions	Use HTD 1.25 mm and HTD 1.25S (short) for insertion. Use 30 Ncm to tighten the abutment screw (see page 98)			
Includes	Alpha Unibase (Titanium), flexible holder (Plastic), 2 UniScrews (Gold one for the physician and silver one for the laboratory)			

	AlphaLoc Laboratory Cap (black)	AlphaLoc Block Out Spacer	AlphaLoc Impression Coping	AlphaLoc Female Analog	AlphaLoc Insertion Tool	AlphaLoc Extraction Tool
Content	4 Units	1 Unit	4 Units	4 Units	1 Unit	1 Unit
Ref. No.	4882	4883	4884	4885	4886	4887

	AlphaLoc Male Processing Package	AlphaLoc Male Retentive Caps			
Ref. No.	4875	4876	4877	4878	4879
Includes	Stainless Steel Metal Housing, Block out Spacer, Nylon Replacement Males (violet, clear, pink and yellow), Laboratory cap (black)	Strong Retention (violet)	Standard Retention (clear)	Soft Retention (pink)	Extra Soft Retention (yellow)
		4 units in each kit			

Titanium Ball Attachment







Titanium Ball Attachment



Dimensions	A: 2.5 mm B: 2.5 mm C: 1.0 mm	A: 2.5 mm B: 3.6 mm C: 2.0 mm	A: 2.5 mm B: 3.6 mm C: 3.0 mm	A: 2.5 mm B: 3.6 mm C: 4.0 mm	A: 2.5 mm B: 3.6 mm C: 5.0 mm
Code	TB1-CHC	TB2-CHC	TB3-CHC	TB4-CHC	TB5-CHC
Ref. No.	7403	7404	7405	7406	7407
Instructions	Recommended closing torque: 20 Ncm. Do not exceed 20 Ncm.				


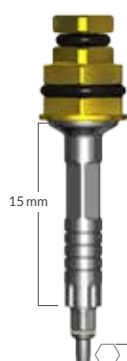
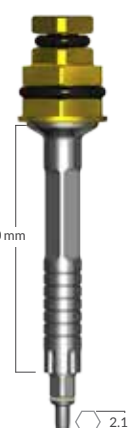
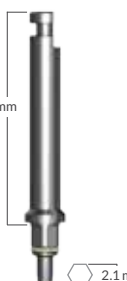

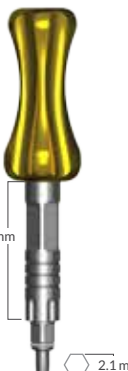
Nylon Caps

	Stainless Steel Housing	Nylon Cap	Nylon Cap with Titanium Ring	Soft Nylon Cap
				
Code	H	NC	NCT	NCA
Ref. No.	6240	6250	6251	6253

Implant Insertion Tools

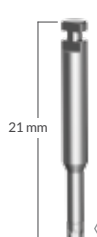





A variety of 2.1 mm drivers for manual use or with a contra angle motor or ratchet:

- Compatible with Conical Hex Connection implants only, cannot be used with Internal Hex Connection Platforms
- Special long implant driver especially designed for limited space between adjacent teeth
- Marks for height identification
- Special shaft design with hexagon for Internal Hex orientation marking

	Implant Driver Short	Implant Driver Standard	Implant Driver Long	Motor Mount Driver Short	Motor Mount Driver Long	Hand Driver
						
Code	ITD2.1S-CHC	ITD2.1-CHC	ITD2.1L-CHC	IT2.1S M-CHC	IT2.1L M-CHC	MITD2.1 CHC
Ref. No.	7302	7305	7301	7304	7303	4147
Instructions	Fits hexagonal 6.35 mm or square 4 mm ratchet			To be used with a contra angle motor		For manual use

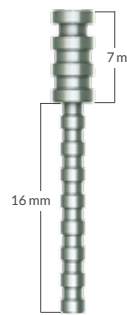
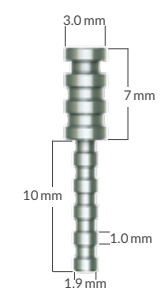
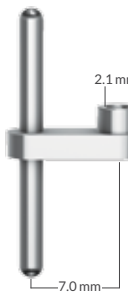
Insertion Tools

- Compatible with Internal Hex Implant Systems as well

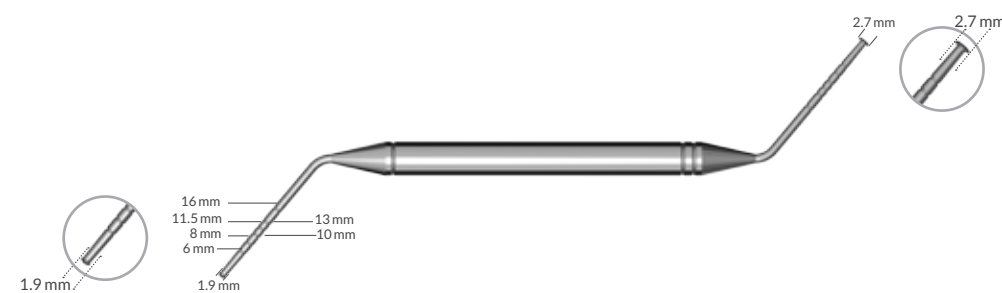
	Contra Angle Motor Mount	Hex Driver Short*	Hex Driver*	Hex Driver Long*	Manual Screw Driver Short	Manual Screw Driver
						
Code	HT 1.25M	HTD 1.25 S	HTD 1.25	HTD 1.25L	HHSS 1.25	HHS 1.25
Ref. No.	4165	4056	4055	4061	4053	4052
Instructions	To be used with a contra angle motor	Fits hexagonal 6.35 mm or square 4 mm ratchet			For Manual Use	

* **Note:** The top of the hex drivers is concave to distinguish it from other drivers.

Parallel and Depth Guides*

	Parallel/Depth Guide (Titanium)		Parallel Guide (Titanium)
			
Code	PDG	PDGS	PG
Ref. No.	4080	4081	4082
Instructions	For accurate measurement of osteotomy depth, parallel check and of X-ray distortion. Each step is 1 mm		Used for precise spacing and parallel placement of implants.

new
6mm

	IDG Implant Depth Probe (Stainless Steel)
	
Code	IDG
Ref. No.	4100
Instructions	Double sided measuring probe: - 1.9 mm width of the rounded apex is used for examinations of osteotomy made by 2 mm drill. - 2.7 mm width of the rounded apex is used for examinations of osteotomy made by 2.8 mm drill. Can be used in various treatments, such as: checking osteotomy depth, examination of the Schneiderian membrane, bone condensing and others.

* Compatible with Internal Hex & Conical Hex Connection Platforms.

Surgical Accessories*

Ratchet Wrench (Stainless Steel)

Ref. No. 4011
Code: RAT



Used with 6.35 mm hexagonal head of the drivers.
Can be adapted for usage with 4 mm square heads of the drivers by means of the adaptor USH-4012.

Universal Torque/Ratchet 10-45Ncm (Stainless Steel)

Ref. No. 4572
Code: URT



Allows the clinician to apply accurately the recommended torque when using prosthetic or surgical drivers.
Can be adapted for usage with 4 mm square heads of the drivers by means of the adaptor USH-4012.

Universal Square Ratchet Head Adaptor (Stainless Steel)

Ref. No. 4012
Code: USH



Adopts the ratchets to be used with 4 mm square heads of the drivers.

Surgical Screwdriver

Ref. No. 4220
Code: SDH



Used with 6.35 mm hexagonal head.

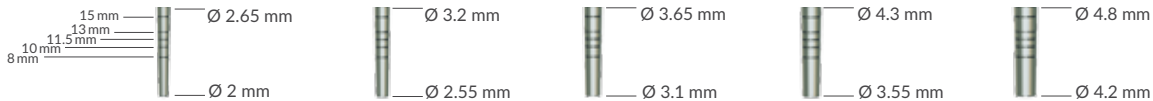
* Compatible with Internal Hex & Conical Hex Connection Platforms.

Advanced Surgery Tools*

OSTEOTOMES

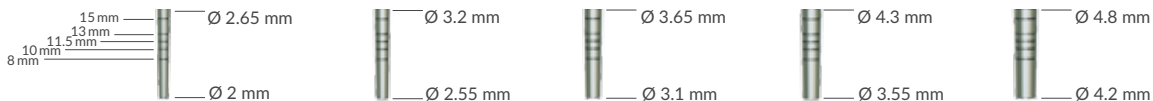
Use for various implant insertion procedures, crestal sinus elevation, ridge expansion and site preparation.
The tapered walls of the osteotome compresses the bone laterally.

Straight Osteotomes (Stainless Steel)



Diameter	2-2.65 mm	2.55-3.2 mm	3.1-3.65 mm	3.55-4.3 mm	4.2-4.8 mm
Ref. No.	4260/1	4260/2	4260/3	4260/4	4260/5

Angled Osteotomes (Stainless Steel)

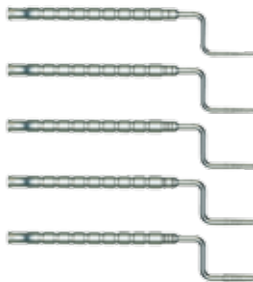
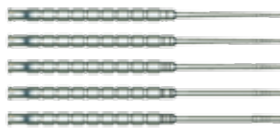


Diameter	2-2.65 mm	2.55-3.2 mm	3.1-3.65 mm	3.55-4.3 mm	4.2-4.8 mm
Ref. No.	4261/1	4261/2	4261/3	4261/4	4261/5

Osteotomes Organizer Box

Straight Osteotome Set 5 piece

Angled Osteotome Set 5 piece



Code	OST KIT	OST SET	OST ANGLE SET
Ref. No.	4262	4260	4261

* Compatible with Internal Hex & Conical Hex Connection Platforms.