

Product Catalog

Implantology, In Everything We Do

2018

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Implantology, in Everything We Do!

At Alpha-Bio Tec, we address the needs of dental professionals, leverage our experience and technologies, utilize experts and invest in research, training and education. All this results in Implantology: cost-effective solutions that simplify dental implantology procedures and deliver proven clinical success.

WE DELIVER TOP-QUALITY, SIMPLE-TO-USE PRODUCTS

We have mastered the art of simplifying implant technology by developing a surgical kit that fits all our products - implants, abutments and surgical tools. Our surgical kit includes basic surgical instrumentation to advanced therapy tools, and is compatible with all product systems. This means that fewer tools are needed to achieve successful results. It also simplifies work and minimize customer learning curves. With an overall implant clinical success rate of 99.6%*, our top-quality implant systems are based on two platforms and three connections, each has its own perfectly-fit restoration line.

WE LEVERAGE EXPERIENCE AND TECHNOLOGIES

We leverage our experience and technologies to ensure that our products offer the best value-for-money. For three decades, we have been focusing on the development and manufacturing of dental implants and their byproducts. Our cutting-edge, in-house manufacturing facility, which is operational 24/7, includes a dedicated QA department to ensure the highest possible standards and quality of our products and the provision of a lifetime warranty for our dental implants.

WE UTILIZE RESEARCH AND EXPERTS

Our R&D teams collaborate closely with an international panel of experts who have extensive clinical and academic knowledge. We also invest in preclinical in vivo research, clinical trials, histological studies and in vitro laboratory studies. We are also active in all research fields, including basic research, preclinical studies and clinical trials.

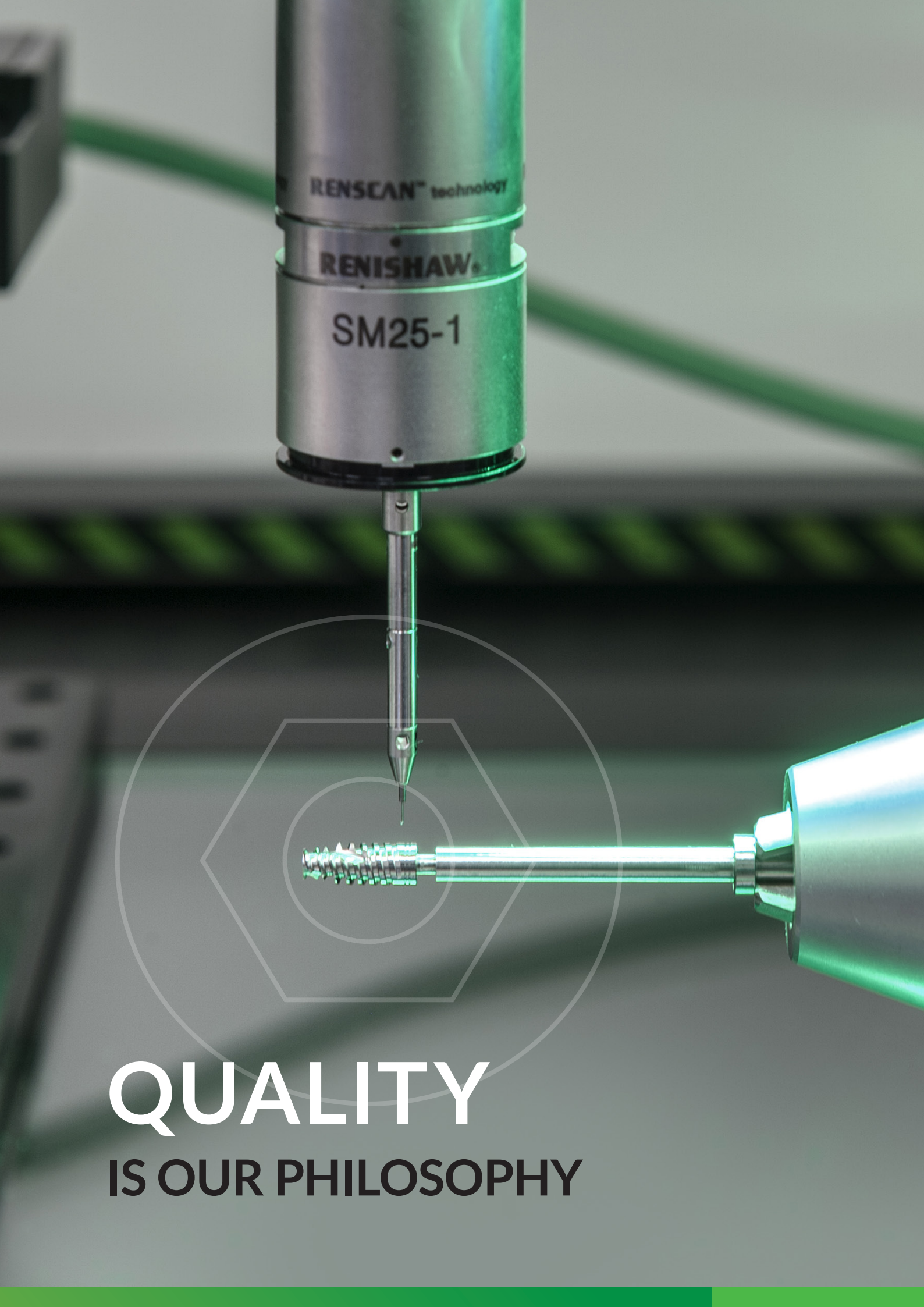
WE TRAIN AND EDUCATE OUR CUSTOMERS

We firmly believe that sharing our know-how and experience is central to ensuring successful and effective implantology work. Every year, we provide more than 150 courses around the world, where we train our customers concerning the latest dental implantology procedures and workflow methods. Course curriculums are based on theoretical background and practical tools covering a range of subjects, including basic implantology, tilted implantation & restoration, guided bone & tissue regeneration, immediate implantation and immediate loading, guided surgery and digital workflows.

WE ENABLE THE DIGITALIZATION OF THE DENTAL WORLD

We embrace the technological changes involved in the digitalization of the dental world in order to support the present and future needs of our customers. Consequently, our digital CAD/CAM line offers a wide range of restoration products for our three implant connections. Additionally, our Guided Surgery Tool Kit supports surgery methods and enables dentists to select the software to use when planning surgeries, making their work simpler, more precise and minimally invasive.

*Strietzel F.P., Karmon B., Lorean A., Fischer P. P. Implant-prosthetic rehabilitation of the edentulous maxilla and mandible with immediately loaded Implants preliminary data from a retrospective study, considering time of implantation. JOMI The international Journal of Oral and Maxillofacial Implants 2011, V 26, 1: 139-147.



QUALITY
IS OUR PHILOSOPHY

SMART IMPLANTOLOGY SOLUTIONS

Alpha-Bio Tec has mastered the art of incorporating implants and implant based prosthetics into the daily routine of dental professionals by developing products that are sophisticated by design and very simple to use.

IMPLANT SYSTEMS

Our implants are based on two platforms: the traditional internal hex connection and the conical platform, which consist of the conical standard (CS) and the conical narrow (CHC) connections. These systems cover a wide variety of surgical procedures: immediate or delayed implant placement, immediate or delayed loading with an excellent compliance to hard bone or soft bone, wide or narrow ridges.





PROSTHETICS

For each of our implant connections we offer a wide range of options for any clinical need, including fixed and removable restorations and screw based or cemented prosthesis. The diameters for each prosthetic part are interchangeable according to preference and need. All parts are designed for ease of use and high esthetic appearance.



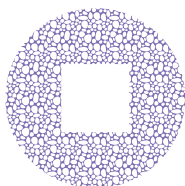
SURGICAL INSTRUMENTATION

Our universal surgical kit is another demonstration of Alpha-Bio Tec's commitment to simplicity. This one kit provides surgeons all the tools needed to perform most of the procedures: marking the drilling point, drilling for the entire osteotomy of the implant, as well as for the insertion of the implant into its final position. Implant orientation tools for the final restoration are also included. Each kit can be customized to meet the dental professional needs.



DIGITAL ENABLERS

Alpha-Bio Tec offers the digital line with a wide range of restoration products for all implant connections. Alpha-Bio Tec's Guided Surgery Tool Kit enables accurate and predictable implant procedures using the planning software of the dentist's choice.



BIOMATERIALS

Alpha-Bio Tec's Graft includes a biomaterials product line which provides solutions for the daily dental needs. All products are carefully processed using cutting edge manufacturing procedures offering the finest combination of long lasting clinical effectiveness, aesthetic results and ease of use.

ALPHA-BIO TEC NANOtec™ Implant Surface

Worldwide scientific research has proven that achieving a proper implant surface is the key to reaching optimal Osseointegration. It has been well documented that surface characteristics of implanted materials highly influence the healing and growth of tissues adjacent to the implant surface.

Alpha-Bio Tec's implants are made of **Titanium alloy Ti 6Al 4V ELI**, a strong, durable and highly biocompatible material. Years of intense research and development lead Alpha-Bio Tec's to develop the superior **NanoTec™** implant surface for optimized osseointegration.

NanoTec™ implant surface is of a hybrid type and is achieved through a complex process that involves large (20-40 microns) particles sandblasting and a double thermal etching for the creation of micro pores (sized 1-5 microns). This unique process creates a high surface area differentiation, increases the three dimensional (3D) surface area and thus, enables a more intense absorption of blood and plasma proteins directly into the implants micropores immediately after the implant is placed.

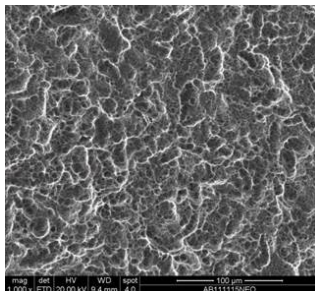
The micro-structure and roughness properties of the implant surface created by the sandblasting and double acid etching process, greatly influence the initial contact with the host bone.

State of the art surface treatment technologies in the Alpha-Bio Tec's manufacturing facility ensure unified surface treatment application and precision.

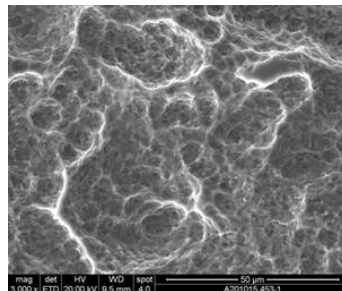
NanoTec™ implant surface process advantages:

- Increased early BIC (Bone to Implant Contact)
- High long-term BIC
- Accelerated and improved Osseointegration process
- Increased secondary stability
- Shortened healing period
- Higher predictability

SEM of implant surface

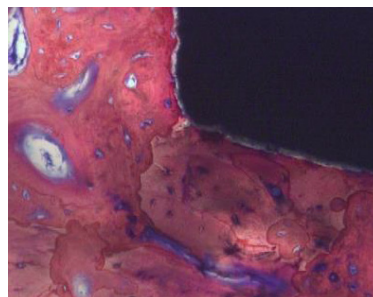
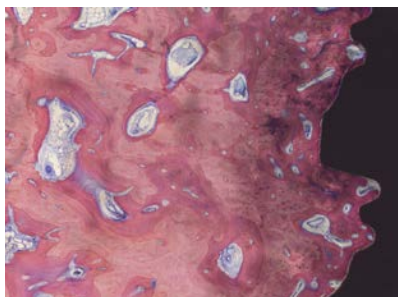


Magnification: X 1000



Magnification: X 3000

Histology of NeO Implant*



* **References:** Light Microscopy images of the non-decalcified histology staining with Toluidine Blue – Fuchsin. Parietal bone of Sinclair mini pig. The study was performed at GLPIgs, the Pre- Clinical Research Unit at Assaf Harofeh Medical Center, Israel. The surgeries were performed by Prof. Ofer Moses and Dr. Omer Cohen (Tel-Aviv University, Israel). Histology performed by Prof. Dr. Dieter D. Bosshardt from the Robert K. Schenk Laboratory of Oral Histology, University of Bern, Switzerland.

Advanced Implant package

The NeO system includes narrow & standard implant lines with a choice of implant-abutment connection platforms. It comes in a mountless package and with advanced grip drivers.



Implant Package

A modern and easy-to-use package, designed for maximum comfort and enhanced ergonomics.



Identification Labels

Label indicates the implant type, length, diameter and connection (CHC / CS / IH).



Color-coded Holder

Holders are color-coded for easy identification of implant length.



PATENT PENDING

Stack Several Packages Together

The unique design enables the stacking of several packages together for maximum storage space efficiency.



1

Tear the cardboard.



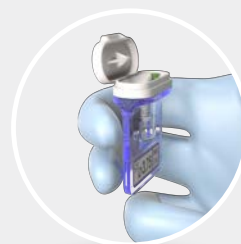
2

Pull the Tyvek®.



3

Remove the inner holder.



4

Open the cap - easy one-hand operation.



5

Insert the preferred driver in a continuous clock wise turn until hex is found. (Wrench is for illustration only)



6

Implant is now connected to the driver and can be removed. Verify there is no gap between the driver and the implant.



7

Implant can be inserted directly to site.



8

Remove cover screw using an appropriate prosthetic driver.

Surgical Kits & Drills for all implant systems



Internal Hex Connection (IH)



Conical Narrow Connection (CHC)



Conical Standard Connection (CS)



Surgical Kits

One kit for all implant systems.



Extensive Drill Line

A complete line of advanced coated drills, standard or step.



Guided Surgery Tool Kit

Ergonomically and carefully designed surgical kit. Includes a variety of drills and tools required for performing the entire guided surgery procedure.



Stoppers & Stopper Kit

A compact and ergonomically designed kit. **Stoppers are compatible with Alpha-Bio's coated drill line only.**



One Kit for All Implant Systems

SURGICAL KIT

Alpha-Bio Tec's surgical kit is suitable for all procedures and implant systems.

- Ergonomic, light and compact, easy to carry
- Shock resistant silicone holders prevent movement during transit
- Clear, color-coded visual design, provides easy and intuitive accessibility
- Laser etched marking on the tray including a dimension bar for effective drill depth verification
- Easy cleaning and autoclaveable, guaranteeing 1000 cycles of sterilization
- Box and tray are made of Radel®
- Stainless steel bath
- Box dimensions : 19 cm x 14 cm x 6 cm



ORDERING INFORMATION: REF. NO. 4699

Kit is provided empty. Tools and drills must be ordered separately.

MINI KIT BOX

A light and compact design for your individual needs.

- Box and tray are made of Radel®
- Stainless steel bath
- Box dimensions: 10cm X 8.5cm X 5cm



ORDERING INFORMATION: REF. NO. 4611

Kit is provided empty. Tools and drills must be ordered separately.



Kit is provided empty. Tools and drills must be ordered separately.



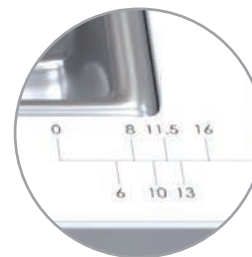
One kit for all implants



Single hand opening option



Coated drills



Dimension bar for effective drill depth

Internal Hex
Implants

Internal Hex
Prosthetics

Internal Hex
Instruments & Tools

Conical Hex
Implants

Conical Hex
Prosthetics

Conical Hex
Instruments & Tools

Conical Standard
Implants

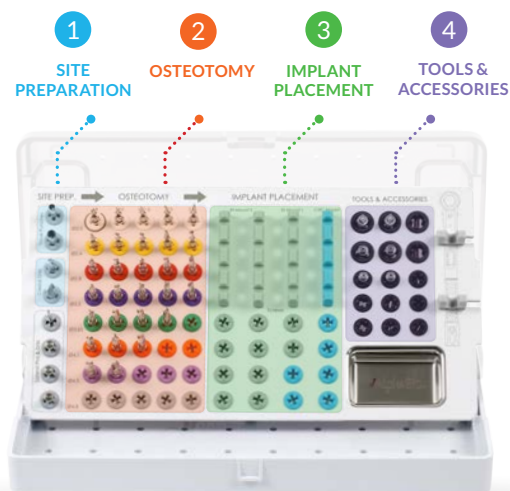
Conical Standard
Prosthetics

Digital Enablers

Biomaterials




Guided Surgery Tool Kit (GSTK)

Ergonomically and carefully designed surgical kit. Includes a variety of drills and tools in a modular tray. The contents support the entire guided surgery procedure from site preparation to final implantation. All kit components fit the matching master sleeves in the surgical guide.



GUIDED SLEEVES

The sleeves are available in several diameters and are used in the fabrication of the surgical guide.

Master Sleeve		Securing Sleeve	Sleeve Adaptor	
	Used for guided drilling and implant insertion	Used to support lateral pin	Used for adapting the small diameter drills to the large sleeve (SLL)	
	<div><div>Ø4.1 mm</div></div> <div><div>Ø5.5 mm</div></div>		<div><div>Ø4.1 mm</div></div>	
Code	SLS	SLL	SLSE	SLSA
Ref. No.	66012	66013	66014	65058
Info.	For Ø 3.2, Ø 3.3, Ø 3.5, Ø 3.7N and Ø 3.75 implants. 5 units in each pack.	For Ø 4.2, Ø 4.65, Ø 5 and Ø 5.3 implants. 5 units in each pack.	For 1.5 mm drill and lateral pin. 5 units in each pack.	Must be removed before implant insertion. See note* below

ORDERING INFO.

The kit is available in two different configurations or as a full kit option.

ENTRY-LEVEL OPTION (Ref. No. 65080)

Parts enable fixation of the guide and site preparation for the most popular implant sizes.

ENTRY-LEVEL EXTENSION (Ref. No. 65081)

Extend surgery options with additional parts, enable placement of implants of the most popular diameters.

FULL KIT (Ref. No. 65000)

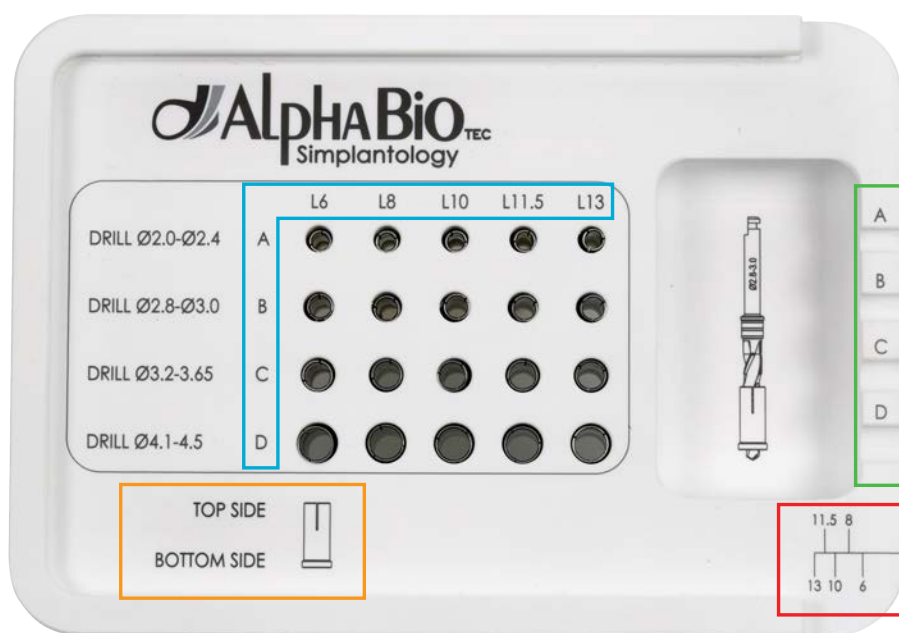
Enables full surgery performance, from fixation of the guide to implant placement for all Alpha-Bio Tec implant diameters.

NOTE: *Implant placement via the guide is compatible with the Neo Implant only.

Stopper Kit

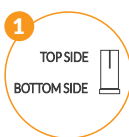
A compact, ergonomically and esthetically designed stopper kit. With its easily controlled drill depth accuracy, the stoppers simplify procedures by reducing chair time for patients. Provides the confidence needed to perform any osteotomy.

- Properly organized, all parts are clearly visible and easily accessed
- Laser markings on both box and stoppers for easy identification and placement
- Slim stopper design enables usage in narrow sites
- Easy cleaning and autoclave sterilization
- Dedicated stopper extraction grooves
- Materials:
 - Box: Radel®
 - Cover: PPHT
 - Box dimensions: 13cm X 9.5cm X 3cm

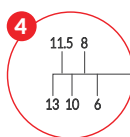


ORDERING INFORMATION:
REF. NO. 4612

Kit is provided with 20 stoppers



1 Stopper orientation wider part facing down. Verify that all stoppers are correctly positioned



4 Dimension bar ensures accurate drilling depth for increased safety. Verify drilling depth using the dimension bar (optional)



7 Stoppers must be cleaned*, placed in the appropriate slot and sterilized.
*scan QR Code for instructions



2 Select stopper according to drill diameter (rows), and drilling depth (columns)



5 Drill according to the recommended drill protocol



3 "Click in"-Insert drill into selected stopper



6 "Click out" - remove stopper using the appropriate side grooves



Internal Hex Implants

Internal Hex Prosthetics

Internal Hex Instruments & Tools

Conical Hex Implants

Conical Hex Prosthetics

Conical Hex Instruments & Tools

Conical Standard Implants

Conical Standard Prosthetics

Digital Enablers

Biomaterials

Coated DNT² Drill Line

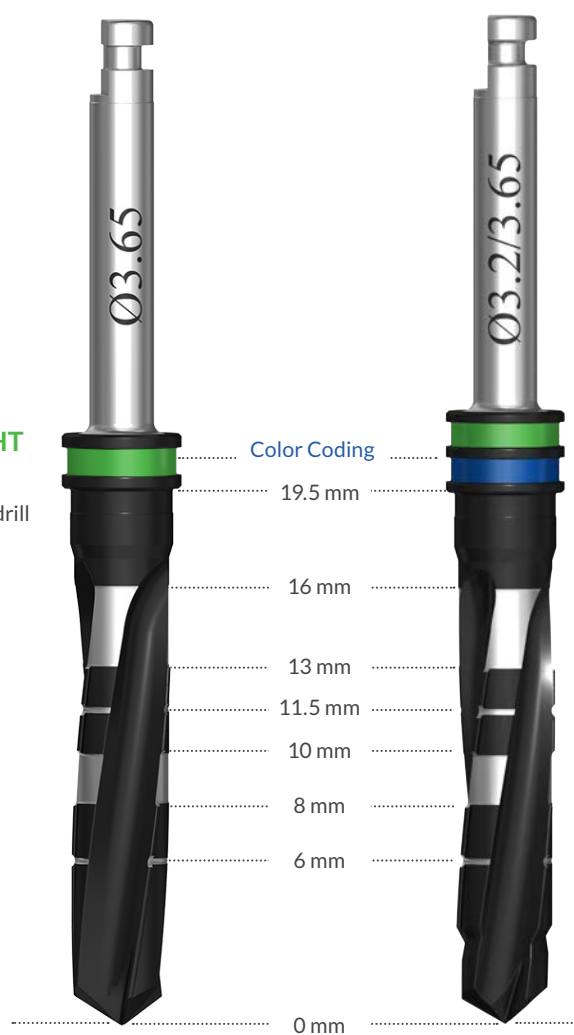
A comprehensive, easy to use drill line and drill stoppers.

All drills are color-coded with clear depth marks for easy identification of the osteotomy depth.

- Multi-layer dark grey coating
- High contrast and clear depth marking
- Long life span and high corrosion resistant
- Laser marking and color coding for easy drill diameter identification
- Custom design to gain minimal heat and maximal stability
- Compatible with our implants design
- Compatible with Alpha-Bio Tec's drill stoppers

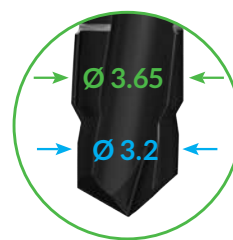
COATED STRAIGHT DRILLS

- Single color coated drill diameter



COATED STEP DRILLS

- Two color coated drill diameters
- Optimized to comply with implant body design
- Can be easily used for widening of the cortex











Drill Stoppers

- Stoppers are compatible with Alpha-Bio Tec's coated drill line
- Each stopper is designed for two diameters
- Prevents bone heating during the osteotomy perpetration
- Made of stainless steel, reusable and can be re-sterilized

Coated Straight Drills

	Ø 2.0	Ø 2.4	Ø 2.8	Ø 3.0	Ø 3.2	Ø 3.65	Ø 4.1	Ø 4.5	Ø 4.8	Ø 5.2	Ø 5.8
											
Code	BD2.0	BD2.4	BD2.8	BD3.0	BD3.2	BD3.65	BD4.1	BD4.5	BD4.8	BD5.2	BD5.8
Ref. No.	4550	4551	4552	4553	4554	4555	4556	4557	4558	4559	4560
Color Coding											

Coated Step Drills

	Ø 2.0/2.4	Ø 2.4/2.8	Ø 2.8/3.0	Ø 2.8/3.2	Ø 3.2/3.65	Ø 3.65/4.1	Ø 4.1/4.5	Ø 4.5/4.8	Ø 4.8/5.2
									
Code	BSD2.0-2.4	BSD2.4-2.8	BSD2.8-3.0	BSD2.8-3.2	BSD3.2-3.65	BSD3.65-4.1	BSD4.1-4.5	BSD4.5-4.8	BSD4.8-5.2
Ref. No.	4590	4592	4593	4594	4595	4596	4597	4598	4599
Color Coding									











Internal Hex
ImplantsInternal Hex
ProstheticsInternal Hex
Instruments & ToolsConical Hex
ImplantsConical Hex
ProstheticsConical Hex
Instruments & ToolsConical Standard
ImplantsConical Standard
Prosthetics











Digital Enablers

Biomaterials

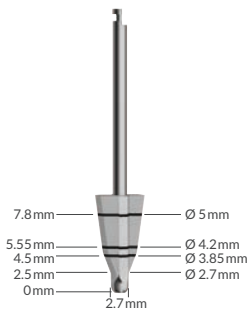


Drill Stoppers




Stoppers are compatible only with Alpha-Bio Tec's coated drill line, (see page 16).

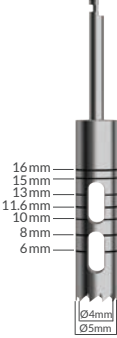

Drill Diameter	Group A: Ø 2.0 - Ø 2.4					Group B: Ø 2.8 - Ø 3.0				
Drill Depth	L6	L8	L10	L11.5	L13	L6	L8	L10	L11.5	L13
										
Code	DS-A-L6	DS-A-L8	DS-A-L10	DS-A-L11.5	DS-A-L13	DS-B-L6	DS-B-L8	DS-B-L10	DS-B-L11.5	DS-B-L13
Ref. No.	4561	4562	4563	4564	4565	4566	4567	4568	4569	4570

Drill Diameter	Group C: Ø 3.2 - Ø 3.65					Group D: Ø 4.1 - Ø 4.5				
Drill Depth	L6	L8	L10	L11.5	L13	L6	L8	L10	L11.5	L13
										
Code	DS-C-L6	DS-C-L8	DS-C-L10	DS-C-L11.5	DS-C-L13	DS-D-L6	DS-D-L8	DS-D-L10	DS-D-L11.5	DS-D-L13
Ref. No.	4573	4574	4575	4576	4577	4578	4579	4580	4581	4582

Surgical Drills and Trephines

Other Drills (Stainless Steel)			
	Countersink	Drill Extension	Marking Drill
			
Diameter	2.7-5.9 mm	For all drills	1.5 mm
Code	CS	DX	MRDX1.5
Ref. No.	4672	4240	4712C
Instructions	For preparation of a bevel within the cortical plate of the alveolar crest	Extends drills by 17.5 mm	For center-launching marking of the cortical plate of the alveolar crest

Round Burr (Stainless Steel)			
			
Diameter	2.3 mm	3 mm	4 mm
Code	RB2.3	RB3	RB4
Ref. No.	4303	4304	4305
Instructions	For various bone manipulations, such as penetration of the cortical plate of the alveolar crest		

Trephine Burs (Stainless Steel)		
		
Diameter	4 mm	5 mm
Code	DRT4	DRT5
Ref. No.	4940	4950
Instructions	For bone harvesting and implant removal	

Internal Hex
ImplantsInternal Hex
ProstheticsInternal Hex
Instruments & ToolsConical Hex
ImplantsConical Hex
ProstheticsConical Hex
Instruments & ToolsConical Standard
ImplantsConical Standard
Prosthetics

Digital Enablers

Biomaterials



Internal Hex Connection Implants

Our Internal Hex connection implant system is designed and developed with simplicity, quality and ease-of-use in mind. Our portfolio covers all clinical cases, from the simplest to the most complex so that each physician can find the precise and most convenient implant to work with.



neo



Ultimate

Why NeO	Active implant and yet gentle to the bone Implant balanced to perfection
Unique design feature	<ul style="list-style-type: none"> • Spiral slightly tapered • Unique patent pending apical part with centering feature and gripping tips • Two micro threads
Unique clinical benefits	<ul style="list-style-type: none"> • Optimal primary stability • High bone preservation • Complex clinical cases
Recommended bone type	All

SPI



Dynamic Powerful

Why SPI	The original spiral implant
Unique design feature	<ul style="list-style-type: none"> • Spiral tapered implant • Osteotome like condensing body • Pronounced tapered core • Apical part with sharp and deep threads
Unique clinical benefits	<ul style="list-style-type: none"> • High bone condensation properties leading to high initial stability • Unique self-drilling capabilities with a redirection ability of the implant during placement • Penetration to small diameters
Recommended bone type	III & IV

ICE



Universal

Why ICE	Universal implant that would answer the needs of multi-clinical indications.
Unique design feature	<ul style="list-style-type: none"> • Tapered • Back tapered coronal part • Split coronal micro threads • Tapered body and core
Unique clinical benefits	<ul style="list-style-type: none"> • Perfect esthetics • Supports a wide range of clinical indications.
Recommended bone type	All

DFI



Classic

Why DFI	Slightly tapered implant for maximal confidence
Unique design feature	<ul style="list-style-type: none"> • Slightly tapered • Double thread design with variable threads • Apex with cutting flutes
Unique clinical benefits	<ul style="list-style-type: none"> • Easily stabled and controlled during placement • Long-term stability • Large surface area
Recommended bone type	I & II

ATID



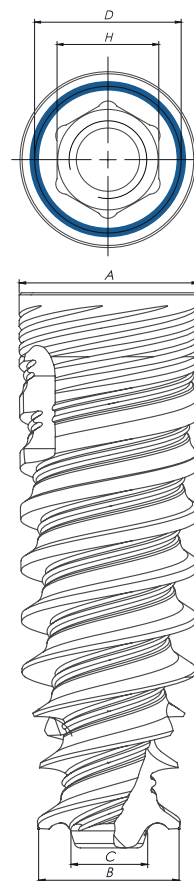
Conventional

Why ATID	Conventional cylindrical implant for maximum results
Unique design feature	<ul style="list-style-type: none"> • Cylindrical • Parallel walls • Multi-format threads • Greatest surface area
Unique clinical benefits	<ul style="list-style-type: none"> • Increase BIC • Minimal pressure on hard bone
Recommended bone type	Type I & II

nEO THE NEXT SENSATION

The standard system includes Ø 3.75, Ø 4.2 and Ø 5.0 mm implant diameters with an Internal Hex Connection, Compatible with Alpha-Bio Tec's Internal Hex Connection Prosthetics and CAD/CAM restoration line.

Ø Diameter	Length	Ref. No.	Dimensions				
			A	B	C	D	H
Ø 3.75 	8 mm	1168	Ø 3.75	Ø 3.1	Ø 1.8	Ø 3.5	2.5
	10 mm	1160	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.5	2.5
	11.5 mm	1161	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.5	2.5
	13 mm	1163	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.5	2.5
	16 mm	1166	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.5	2.5
Ø 4.2 	8 mm	1178	Ø 4.2	Ø 3.55	Ø 1.8	Ø 3.5	2.5
	10 mm	1170	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.5	2.5
	11.5 mm	1171	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.5	2.5
	13 mm	1173	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.5	2.5
	16 mm	1176	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.5	2.5
Ø 5.0 	8 mm	1188	Ø 5.0	Ø 4.4	Ø 2.6	Ø 3.5	2.5
	10 mm	1180	Ø 5.0	Ø 4.1	Ø 2.3	Ø 3.5	2.5
	11.5 mm	1181	Ø 5.0	Ø 4.1	Ø 2.3	Ø 3.5	2.5
	13 mm	1183	Ø 5.0	Ø 4.1	Ø 2.3	Ø 3.5	2.5

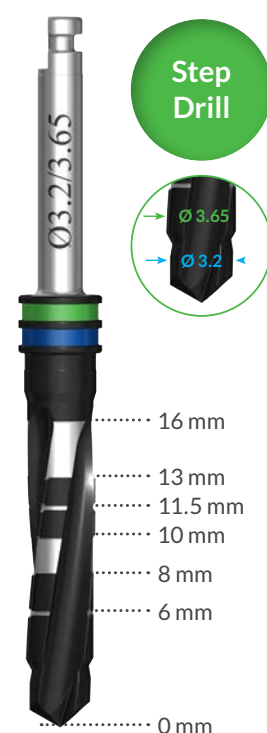


nEO Drill protocol - Two ways one result

Step Drilling Sequence

Ø Diameter	Soft bone Type IV	Medium bone Type II&III	Hard bone Type I
Ø 3.75	2.0 2.4/2.8	2.0 2.4/2.8 2.8/3.2	2.0 2.4/2.8 2.8/3.2 3.2/3.65 Cortical*
Ø 4.2	2.0 2.4/2.8 2.8/3.2	2.0 2.4/2.8 3.2/3.65	2.0 2.4/2.8 3.2/3.65 3.65/4.1 Cortical*
Ø 5.0	2.0 2.4/2.8 3.2/ 3.65	2.0 2.4/2.8 3.2/3.65 3.65/4.1	2.0 2.4/2.8 3.2/3.65 3.65/4.1 4.1/4.5 4.5/4.8 Cortical*

* Cortical – Drill through cortical plate with the larger diameter

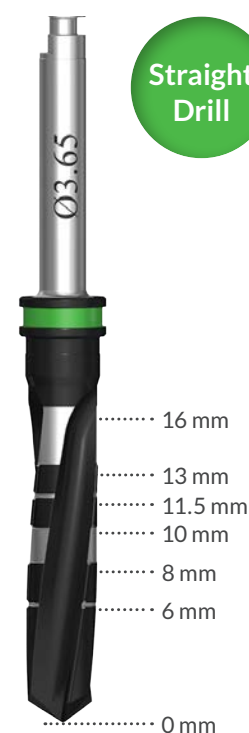


Straight Drilling Sequence

Ø Diameter	Soft bone Type IV	Medium bone Type II&III	Hard bone Type I
Ø 3.75	2.0 2.4 2.8**	2.0 2.8 3.2**	2.0 2.8 3.2** 3.65 Cortical*
Ø 4.2	2.0 2.8 3.2**	2.0 2.8 3.2 3.65**	2.0 2.8 3.2 3.65** 4.1 Cortical*
Ø 5.0	2.0 2.8 3.2 3.65**	2.0 2.8 3.2 3.65 4.1**	2.0 2.8 3.2 3.65 4.1 4.5** 4.8 Cortical*

* Cortical - Drill through cortical plate

** 3mm shorter than implant's length. Note that drill can be replaced by a corresponding step drill, throughout entire implant's length, see step protocol

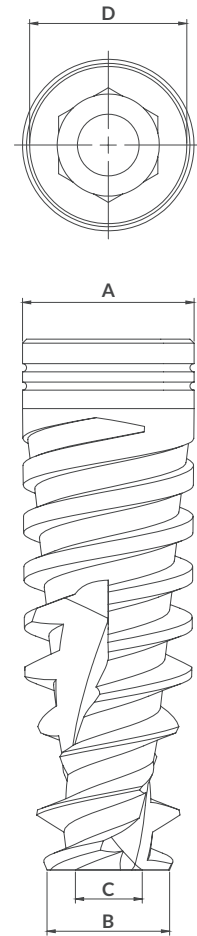
Internal Hex
ImplantsInternal Hex
ProstheticsInternal Hex
Instruments & ToolsConical Hex
ImplantsConical Hex
ProstheticsConical Hex
Instruments & ToolsConical Standard
ImplantsConical Standard
Prosthetics

Digital Enablers

Biomaterials

SPI The Original Spiral Implant

Ø Diameter	Length	Ref. No.	Dimensions			
			A	B	C	D
Ø 3.3 	8 mm	1308	Ø 3.7	Ø 2.55	Ø 1.55	Ø 3.5
	10 mm	1300	Ø 3.7	Ø 2.55	Ø 1.55	Ø 3.5
	11.5 mm	1301	Ø 3.7	Ø 2.55	Ø 1.55	Ø 3.5
	13 mm	1303	Ø 3.7	Ø 2.55	Ø 1.55	Ø 3.5
	16 mm	1306	Ø 3.7	Ø 2.55	Ø 1.55	Ø 3.5
Ø 3.75 	8 mm	1358	Ø 3.85	Ø 2.9	Ø 2	Ø 3.5
	10 mm	1350	Ø 3.85	Ø 2.9	Ø 2	Ø 3.5
	11.5 mm	1351	Ø 3.85	Ø 2.9	Ø 2	Ø 3.5
	13 mm	1353	Ø 3.85	Ø 2.9	Ø 2	Ø 3.5
	16 mm	1356	Ø 3.85	Ø 2.9	Ø 2	Ø 3.5
Ø 4.2 	8 mm	1338	Ø 4.2	Ø 3	Ø 2.1	Ø 3.5
	10 mm	1330	Ø 4.2	Ø 3	Ø 2.1	Ø 3.5
	11.5 mm	1331	Ø 4.2	Ø 3	Ø 2.1	Ø 3.5
	13 mm	1333	Ø 4.2	Ø 3	Ø 2.1	Ø 3.5
	16 mm	1336	Ø 4.2	Ø 3	Ø 2.1	Ø 3.5
Ø 5 	8 mm	1348	Ø 4.95	Ø 3.3	Ø 2.6	Ø 3.5
	10 mm	1340	Ø 4.95	Ø 3.3	Ø 2.6	Ø 3.5
	11.5 mm	1341	Ø 4.95	Ø 3.3	Ø 2.6	Ø 3.5
	13 mm	1343	Ø 4.95	Ø 3.3	Ø 2.6	Ø 3.5
	16 mm	1346	Ø 4.95	Ø 3.3	Ø 2.6	Ø 3.5
Ø 6 	8 mm	1368	Ø 5.95	Ø 4.6	Ø 3.35	Ø 3.5
	10 mm	1360	Ø 5.95	Ø 4.6	Ø 3.45	Ø 3.5
	11.5 mm	1361	Ø 5.95	Ø 4.6	Ø 3.45	Ø 3.5
	13 mm	1363	Ø 5.95	Ø 4.6	Ø 3.45	Ø 3.5



Important: The below protocol is recommended for most clinical cases however, additional professional considerations and the protocol amendments may be required in specific cases.

Straight Drilling Sequence

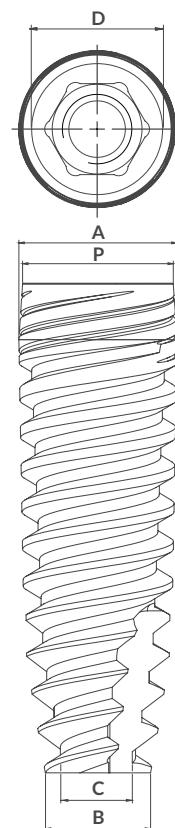
Ø Diameter	Soft bone Type IV	Medium bone Type II&III	Hard bone Type I
Ø 3.3	2.0	2.0 2.8	2.0 2.8 3.2 Cortical*
	2.0 2.8	2.0 2.8 3.2	2.0 2.8 3.2 3.65 Cortical*
Ø 4.2	2.0 2.8 3.2	2.0 2.8 3.2 3.65	2.0 2.8 3.2 3.65 4.1 Cortical*
	2.0 2.8 3.2 3.65	2.0 2.8 3.2 3.65 4.1 4.5	2.0 2.8 3.2 3.65 4.1 4.5 4.8 Cortical*
Ø 5.0	2.0 2.8 3.2 3.65	2.0 2.8 3.2 3.65 4.1 4.5	2.0 2.8 3.2 3.65 4.1 4.5 4.8 Cortical*
	2.0 2.8 3.2 3.65 4.1 4.8	2.0 2.8 3.2 3.65 4.1 4.8 5.2	2.0 2.8 3.2 3.65 4.1 4.8 5.2 5.8 Cortical*

* Cortical - Drill through cortical plate



ICE™ Implant for Classical Esthetics

Ø Diameter	Length	Ref. No.	Dimensions				
			A	B	C	D	P
Ø 3.7N 	10 mm	1000	Ø 3.7	Ø 2.2	Ø 1	Ø 3.5	Ø 3.7
	11.5 mm	1001	Ø 3.7	Ø 2.2	Ø 1	Ø 3.5	Ø 3.7
	13 mm	1003	Ø 3.7	Ø 2.2	Ø 1	Ø 3.5	Ø 3.7
Ø 3.75 	8 mm	1018	Ø 3.75	Ø 2.6	Ø 1.6	Ø 3.5	Ø 3.75
	10 mm	1010	Ø 3.75	Ø 2.6	Ø 1.6	Ø 3.5	Ø 3.75
	11.5 mm	1011	Ø 3.75	Ø 2.6	Ø 1.6	Ø 3.5	Ø 3.75
	13 mm	1013	Ø 3.75	Ø 2.6	Ø 1.6	Ø 3.5	Ø 3.75
Ø 4.2 	6 mm	1056	Ø 4.2	Ø 2.7	Ø 2.7	Ø 3.5	Ø 4.2
	8 mm	1028	Ø 4.2	Ø 2.8	Ø 1.8	Ø 3.5	Ø 4.2
	10 mm	1020	Ø 4.2	Ø 2.8	Ø 1.8	Ø 3.5	Ø 4
	11.5 mm	1021	Ø 4.2	Ø 2.8	Ø 1.8	Ø 3.5	Ø 4
	13 mm	1023	Ø 4.2	Ø 2.8	Ø 1.8	Ø 3.5	Ø 4
	16 mm	1026	Ø 4.2	Ø 2.8	Ø 1.8	Ø 3.5	Ø 4
Ø 4.65 	6 mm	1036	Ø 4.65	Ø 2.9	Ø 2.9	Ø 3.5	Ø 4.65
	8 mm	1038	Ø 4.65	Ø 3	Ø 2	Ø 3.5	Ø 4.65
	10 mm	1030	Ø 4.65	Ø 3	Ø 2	Ø 3.5	Ø 4.45
	11.5 mm	1031	Ø 4.65	Ø 3	Ø 2	Ø 3.5	Ø 4.45
	13 mm	1033	Ø 4.65	Ø 3	Ø 2	Ø 3.5	Ø 4.45
Ø 5.3 	6 mm	1046	Ø 5.3	Ø 3.8	Ø 3.8	Ø 3.5	Ø 5.3
	8 mm	1048	Ø 5.3	Ø 3.45	Ø 2.45	Ø 3.5	Ø 5.3
	10 mm	1040	Ø 5.3	Ø 3.45	Ø 2.45	Ø 3.5	Ø 5.1
	11.5 mm	1041	Ø 5.3	Ø 3.45	Ø 2.45	Ø 3.5	Ø 5.1
	13 mm	1043	Ø 5.3	Ø 3.45	Ø 2.45	Ø 3.5	Ø 5.1



Important: The following protocol is recommended for most clinical cases however, additional professional considerations and the protocol amendments may be required in specific cases.

Internal Hex
ImplantsInternal Hex
ProstheticsInternal Hex
Instruments & ToolsConical Hex
ImplantsConical Hex
ProstheticsConical Hex
Instruments & ToolsConical Standard
ImplantsConical Standard
Prosthetics

Digital Enablers

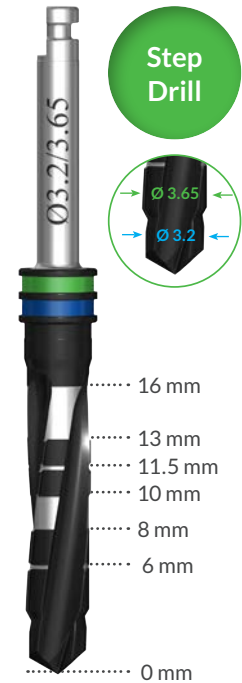
Biomaterials

Drill protocol-Two Ways One Result

Step Drilling Sequence

Ø Diameter	Soft bone Type IV	Medium bone Type II&III	Hard bone Type I
Ø 3.7N	2.0 2.0/2.4	2.0 2.4/2.8 2.8/3.2	2.0 2.4/2.8 2.8/3.2 3.2/3.65 Cortical*
Ø 3.75	2.0 2.4/2.8	2.0 2.4/2.8 2.8/3.2	2.0 2.4/2.8 2.8/3.2 3.2/3.65 Cortical*
Ø 4.2	2.0 2.4/2.8 2.8/3.2	2.0 2.4/2.8 3.2/3.65	2.0 2.4/2.8 3.2/3.65 3.65/4.1 Cortical*
Ø 4.65	2.0 2.4/2.8 3.2/3.65	2.0 2.4/2.8 3.2/3.65 3.65/4.1	2.0 2.4/2.8 3.2/3.65 3.65/4.1 4.1/4.5 Cortical*
Ø 5.3	2.0 2.4/2.8 3.2/3.65 3.65/4.1	2.0 2.4/2.8 3.2/3.65 3.65/4.1 4.5/4.8	2.0 2.4/2.8 3.2/3.65 3.65/4.1 4.5/4.8 4.8/5.2 Cortical*

* Cortical – Drill through cortical plate with the larger diameter

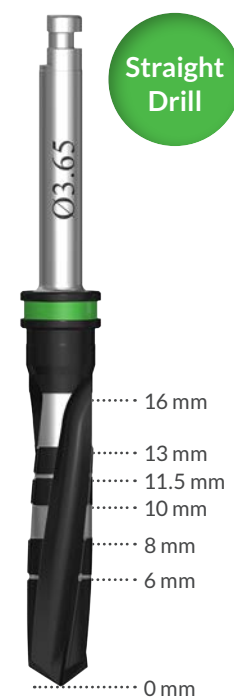


Straight Drilling Sequence

Ø Diameter	Soft bone Type IV	Medium bone Type II&III	Hard bone Type I
Ø 3.7N	2.0 2.4**	2.0 2.8 3.2**	2.0 2.8 3.2** 3.65 Cortical*
Ø 3.75	2.0 2.4 2.8**	2.0 2.8 3.2**	2.0 2.8 3.2** 3.65 Cortical*
Ø 4.2	2.0 2.8 3.2**	2.0 2.8 3.2 3.65**	2.0 2.8 3.2 3.65** 4.1 Cortical*
Ø 4.65	2.0 2.8 3.2 3.65**	2.0 2.8 3.2 3.65 4.1**	2.0 2.8 3.2 3.65 4.1** 4.5 Cortical*
Ø 5.3	2.0 2.8 3.2 3.65 4.1**	2.0 2.8 3.2 3.65 4.1 4.5 4.8**	2.0 2.8 3.2 3.65 4.1 4.5 4.8** 5.2 Cortical*

* Cortical – Drill through cortical plate

** 3mm shorter than implant's length. Note that drill can be replaced by corresponding step drill, throughout entire implant's length. see step protocol

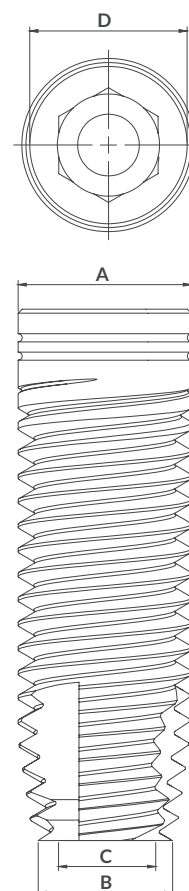




Standard Implant With Parallel Walls

Ø Diameter	Length	Ref. No.	Dimensions			
			A	B	C	D
Ø 3.3 	8 mm	1418	Ø 3.7	Ø 2.6	Ø 2.1	Ø 3.5
	10 mm	1410	Ø 3.7	Ø 2.6	Ø 2.1	Ø 3.5
	11.5 mm	1411	Ø 3.7	Ø 2.6	Ø 2.1	Ø 3.5
	13 mm	1413	Ø 3.7	Ø 2.6	Ø 2.1	Ø 3.5
Ø 3.75 	8 mm	1428	Ø 3.75	Ø 2.8	Ø 2.1	Ø 3.5
	10 mm	1420	Ø 3.75	Ø 2.8	Ø 2.2	Ø 3.5
	11.5 mm	1421	Ø 3.75	Ø 2.8	Ø 2.2	Ø 3.5
	13 mm	1423	Ø 3.75	Ø 2.8	Ø 2.2	Ø 3.5
Ø 4.2 	8 mm	1438	Ø 4.24	Ø 3.5	Ø 2.6	Ø 3.5
	10 mm	1430	Ø 4.24	Ø 3.5	Ø 2.6	Ø 3.5
	11.5 mm	1431	Ø 4.24	Ø 3.5	Ø 2.6	Ø 3.5
	13 mm	1433	Ø 4.24	Ø 3.5	Ø 2.6	Ø 3.5
Ø 5 	6 mm	1446	Ø 4.95	Ø 4.05	Ø 2.8	Ø 3.5
	8 mm	1448	Ø 4.95	Ø 4.05	Ø 2.8	Ø 3.5
	10 mm	1440	Ø 4.95	Ø 4.05	Ø 3.15	Ø 3.5
	11.5 mm	1441	Ø 4.95	Ø 4.05	Ø 3.15	Ø 3.5
	13 mm	1443	Ø 4.95	Ø 4.05	Ø 3.15	Ø 3.5

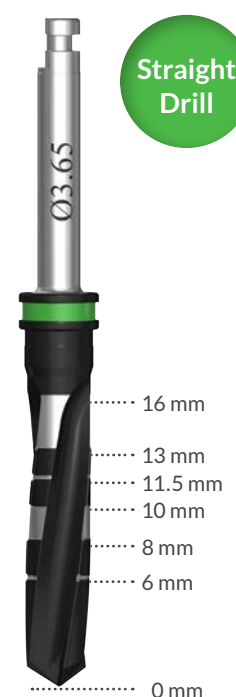
Important: The below protocol is recommended for most clinical cases however, additional professional considerations and the protocol amendments may be required in specific cases.



Straight Drilling Sequence

Ø Diameter	Soft bone Type IV	Medium bone Type II&III	Hard bone Type I
Ø 3.3	2.0	2.0	2.0
	2.8	2.8	2.8
	3.2 Cortical*	3.2	3.2
			3.65 Cortical*
Ø 3.75	2.0	2.0	2.0
	2.8	2.8	2.8
	3.2 Cortical*	3.2	3.2
			3.65 Cortical*
Ø 4.2	2.0	2.0	2.0
	2.8	2.8	2.8
	3.2	3.2	3.2
	3.65 Cortical*	3.65	3.65
Ø 5.0	2.0	2.0	2.0
	2.8	2.8	2.8
	3.2	3.2	3.2
	3.65	3.65	3.65
	4.1	4.1	4.1
	4.5 Cortical*	4.5	4.5
			4.8 Cortical*

* Cortical – Drill through cortical plate.

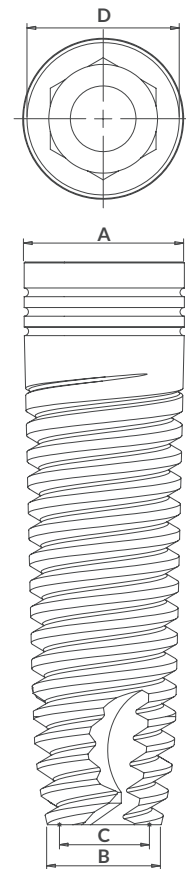
Internal Hex
ImplantsInternal Hex
ProstheticsInternal Hex
Instruments & ToolsConical Hex
ImplantsConical Hex
ProstheticsConical Hex
Instruments & ToolsConical Standard
ImplantsConical Standard
Prosthetics

Digital Enablers

Biomaterials

DFI Dual Fit Implant

Ø Diameter	Length	Ref. No.	Dimensions			
			A	B	C	D
Ø 3.3 	8 mm	1288	Ø 3.7	Ø 2.6	Ø 2.1	Ø 3.5
	10 mm	1280	Ø 3.7	Ø 2.6	Ø 2.1	Ø 3.5
	11.5 mm	1281	Ø 3.7	Ø 2.6	Ø 2.1	Ø 3.5
	13 mm	1283	Ø 3.7	Ø 2.6	Ø 2.1	Ø 3.5
Ø 3.75 	8 mm	1268	Ø 3.85	Ø 3	Ø 2.1	Ø 3.5
	10 mm	1260	Ø 3.85	Ø 3	Ø 2.1	Ø 3.5
	11.5 mm	1261	Ø 3.85	Ø 3	Ø 2.1	Ø 3.5
	13 mm	1263	Ø 3.85	Ø 3	Ø 2.1	Ø 3.5
Ø 4.2 	8 mm	1278	Ø 4.2	Ø 3	Ø 2.2	Ø 3.5
	10 mm	1270	Ø 4.2	Ø 3	Ø 2.2	Ø 3.5
	11.5 mm	1271	Ø 4.2	Ø 3	Ø 2.2	Ø 3.5
	13 mm	1273	Ø 4.2	Ø 3	Ø 2.2	Ø 3.5
Ø 5 	8 mm	1298	Ø 4.95	Ø 4.05	Ø 3.1	Ø 3.5
	10 mm	1290	Ø 4.95	Ø 4.05	Ø 3.1	Ø 3.5
	11.5 mm	1291	Ø 4.95	Ø 4.05	Ø 3.1	Ø 3.5
	13 mm	1293	Ø 4.95	Ø 4.05	Ø 3.1	Ø 3.5

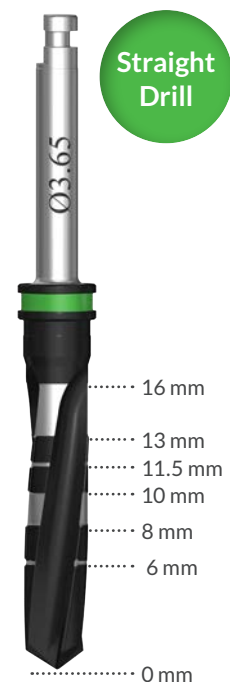


Important: The below protocol is recommended for most clinical cases however, additional professional considerations and the protocol amendments may be required in specific cases.

Straight Drilling Sequence

Ø Diameter	Soft bone Type IV	Medium bone Type II&III	Hard bone Type I
Ø 3.3	2.0	2.0	2.0
	2.8 Cortical*	2.8	3.2 Cortical*
Ø 3.75	2.0	2.0	2.0
	2.8	2.8	2.8
	3.2 Cortical*	3.2	3.2
Ø 4.2	2.0	2.0	2.0
	2.8	2.8	2.8
	3.2	3.2	3.2
	3.65 Cortical*	3.65	3.65
Ø 5.0	2.0	2.0	2.0
	2.8	2.8	2.8
	3.2	3.2	3.2
	3.65	3.65	3.65
	4.1	4.1	4.1
	4.5 Cortical*	4.5	4.5
			4.8 Cortical*

* Cortical - Drill through cortical plate



Kits & Drills

Internal Hex
Implants

Internal Hex
Prosthetics

Internal Hex
Instruments & Tools

Conical Hex
Implants

Conical Hex
Prosthetics

Conical Hex
Instruments & Tools

Conical Standard
Implants

Conical Standard
Prosthetics

Digital Enablers

Biomaterials

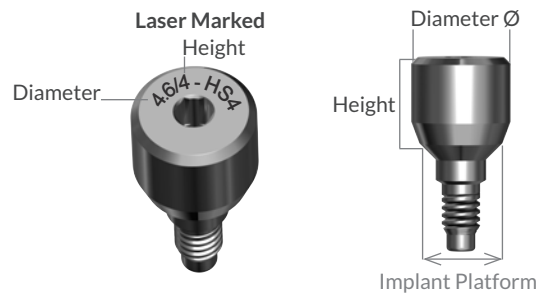
WE DELIVER TOP-QUALITY
SIMPLE-TO USE PRODUCTS



Healing Abutments

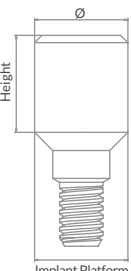



Wide range of narrow, standard and wide healing abutments.

- Used for Internal Hex 2.5 mm implants.
- Maintain tissue opening for establishing proper emergence profile.
- Polished titanium surface for excellent tissue acceptance.
- Laser marking to ensure easy identification of height and diameter.



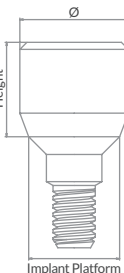






Slim (Titanium)

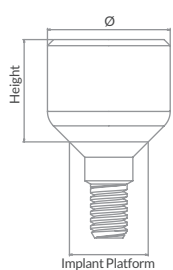
Suitable for all implant diameters





	Healing Abutments Ø 3.85 mm		
			
Dimensions	D: Ø 3.85 mm H: 3 mm	D: Ø 3.85 mm H: 4 mm	D: Ø 3.85 mm H: 5 mm
Code	HSS3	HSS4	HSS5
Ref. No.	112	114	113

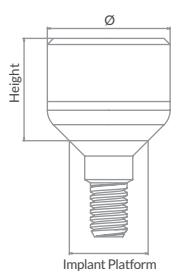
Standard (Titanium)




Suitable for all implant diameters

	Healing Abutments Ø 4.6 mm					
						
Dimensions	D: Ø 4.6 mm H: 2 mm	D: Ø 4.6 mm H: 3 mm	D: Ø 4.6 mm H: 4 mm	D: Ø 4.6 mm H: 5 mm	D: Ø 4.6 mm H: 6 mm	D: Ø 4.6 mm H: 7 mm
Code	HS2	HS3	HS4	HS5	HS6	HS7
Ref. No.	116	109	117	110	118	119



	Healing Abutments Ø 5 mm		Healing Abutments Ø 5.5 mm	
				
Dimensions	D: Ø 5 mm H: 3 mm	D: Ø 5 mm H: 5 mm	D: Ø 5.5 mm H: 3 mm	D: Ø 5.5 mm H: 5 mm
Code	HS5-3	HS5-5	HS5.5-3	HS5.5-5
Ref. No.	124	125	126	127



	Healing Abutments Ø 6 mm		Healing Abutments Ø 7 mm
			
Dimensions	D: Ø 6 mm H: 3 mm	D: Ø 6 mm H: 5 mm	D: Ø 7 mm H: 3 mm
Code	HS6-3	HS6-5	HS7-3
Ref. No.	128	129	130



Prosthetics Systems

Internal Hex Connection

Our comprehensive line of prosthetic products provides solutions for all dental restorative options including: cement-retained restoration, screw-retained restoration and implant supported overdenture restorations.

The prosthetics line supports both temporary and permanent restoration solution.

For CAD/CAM restoration line please see page 90.



CAD/CAM Restoration



Our CAD/CAM line offers a wide range of restoration products, enabling both dentists and laboratories to embrace digitalization to design and manufacture esthetic and durable restorations.

See page 90 >

Cement-Retained Restoration



Our cement-retained restoration line includes straight, angled or casting abutments for customization. Abutments are provided in numerous designs to support all restoration needs: Slim abutments are used in cases with minimum restorative space such as maxillary lateral incisors and mandibular anterior teeth. Wide profile abutments provide more flexibility when grinding is required. Esthetic abutments are gold anodized and the straight or angled titanium abutments are designed for high esthetic results.

See page 34 >

Screw-Retained Restoration



Our advanced screw-retained restoration line provides optimal solution for straight and tilted implants restoration. Improved prosthetic parts enable esthetical results based on advanced biological features.

This line supports various clinical indications from a single tooth, partial or a full edentulous jaw.

See page 42 >

Overdenture Restoration



Our overdenture restoration line includes two restoration options: Ball attachment and AlphaLoc.

Ball attachments provide an excellent, intuitive and easy solution. The AlphaLoc is a simple yet sophisticated system which offers multiple solutions for a wide range of clinical demands and unique situations such as a tight interocclusal space. The AlphaLoc allows for various gingival heights, retentions and angle corrections.


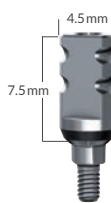
See page 46 >



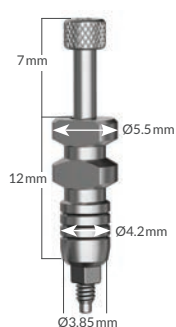
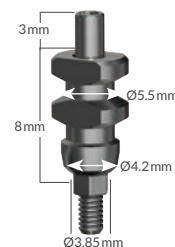
Impression

IMPLANT IMPRESSION TRANSFER

For impression taking at implant level. Suitable for all implant types diameters (Ø3.3, Ø3.7N, Ø3.75, Ø4.2, Ø4.65, Ø5.0, Ø5.3, Ø6.0 mm). In Ø5.0 and Ø6.0 mm implants, a small bevel will be left.

Closed Tray Transfer			
	Standard		Slim
			
Code	HLT	HLTS	HLTLS
Ref. No.	5060	5170	5062

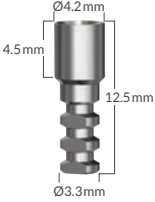
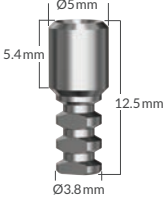
Note: each transfer is supplied with its corresponding screw.

Open Tray Transfer		
		
Code	HLTO	HLTOS
Ref. No.	5061	5171

Note: each transfer is supplied with its corresponding screw.

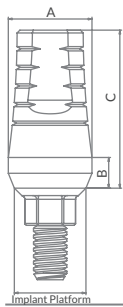
IMPLANT ANALOGS

Implant Analog (IA) is suitable for all implant diameters (Ø3.3, Ø3.7N, Ø3.75, Ø4.2, Ø4.65, Ø5.0, Ø5.3, Ø6.0 mm).
When using Ø5.0 mm or Ø6.0 mm implants, it is recommended to use lab analogs of identical dimensions, i.e. IA5 and IA6, in order to have a most complete and trustworthy rendering of the clinical situation.

Analog		
	Standard	Wide
		
Code	IA	IA5
Ref. No.	5080	5280
Instructions	* IA5 is not compatible with I.C.E and NeO implants	



Titanium Abutments



Straight Abutments



Dimensions

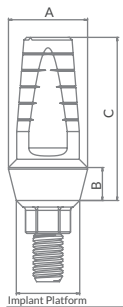
A: Ø4.5 mm
B: 1.7 mm
C: 12.5 mm

Code

TLAL

Ref. No.

5140



Straight Abutments with Various Cuff Heights

Plastic
Transfer



Dimensions

A: Ø4.8 mm
B: 1 mm
C: 8.9 mm

A: Ø4.8 mm
B: 2 mm
C: 9.9 mm

A: Ø4.8 mm
B: 3 mm
C: 10.9 mm

A: Ø4.8 mm
B: 4 mm
C: 11.9 mm

Code

TLASP1

TLASP2

TLASP3

TLASP4

HTLASP*

Ref. No.

5366

5367

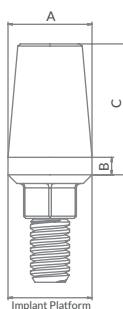
5368

5369

5364

Instructions

* Suitable for TLASP and ETLASP abutments



Slim Abutments



Dimensions

A: Ø3.85 mm
B: 0.8 mm
C: 8.5 mm

Code

TLAS

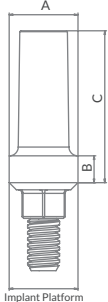

Ref. No.

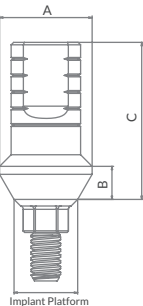
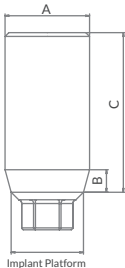



5150

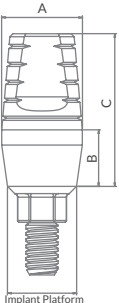


Instructions

For limited restorative space such as maxillary lateral incisor and mandibular anterior teeth

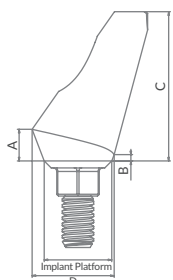

Titanium Abutments

	Slim Abutments with Various Cuff Heights	
		
Dimensions	A: Ø3.85 mm B: 0.5 mm C: 8.5 mm	
Code	TLASSP	
Ref. No.	5403	
Instructions	For limited restorative space such as maxillary lateral incisor and mandibular anterior teeth	

	Wide Profile Abutments			Wide Profile Abutments
				
Dimensions	A: Ø5.6 mm B: 2 mm C: 9.5 mm	A: Ø5.6 mm B: 4 mm C: 11.5 mm	Dimensions	A: Ø4.5 mm C: 8.5 mm
Code	TLAO2	TLAO4	Code	TLAW
Ref. No.	5182	5362	Ref. No.	5340
Instructions	For wide emergence profile restoration and more flexibility of abutment fabrication/customization		Instructions	For wide emergence profile restoration and more flexibility of abutment fabrication/customization

	Wide Profile Abutments	
		
Dimensions	A: Ø4.5 mm B: 3.2 mm C: 8.5 mm	A: Ø4.5 mm B: 3.2 mm C: 12.5 mm
Code	TLAWP	TLAWPL
Ref. No.	5401	5402
Instructions	For wide emergence profile restoration and more flexibility of abutment fabrication/customization	

Titanium Abutments

Angled Abutments 15°				
				
				
	Dimensions	A: 1.7 mm B: 0.5 mm C: 8.5 mm D: 4.5 mm	A: 1.65 mm B: 0.15 mm C: 11.5 mm D: 4.5 mm	A: 2.3 mm B: 1 mm C: 8.5 mm D: 4.7 mm
	Code	TLA 15	TLAL 15	TLA 15B
	Ref. No.	5090	5092	5091
Instructions	For creation of favourable line of insertion			

Angled Abutments 25°		Angled Abutments 35°
		
		
	Dimensions	A: 1.8 mm B: 0.4 mm C: 8.5 mm D: 4.7 mm
	Code	TLA 25
	Ref. No.	5130
	Dimensions	A: 2.4 mm B: 0.4 mm C: 11.5 mm D: 4.4 mm
	Code	TLAL 25
	Ref. No.	5134
	Dimensions	A: 1.45 mm B: 1 mm C: 10 mm D: 4.65 mm
	Code	TLA 35
	Ref. No.	5136
Instructions	Supplied with a unique screw. Use Ref. No. 5127 as a replacement or as an extra screw	

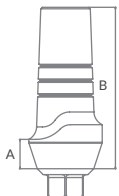



* Optional for wide diameter Internal Hex implants, when a full emergence profile is desired.
Not compatible with I.C.E, NeO implants.

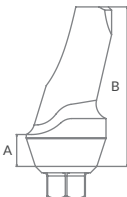







Temporary Abutments

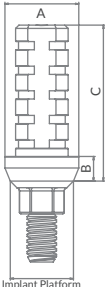


TEMPORARY PEEK ABUTMENT

- Vital for 180 days
- PEEK polymer allows easy and quick chair-side modification
- The abutments closing torque is 15 Ncm
- Provides adequate strength to the provisional restoration
- High resistance to repetitive mastication forces
- Suitable for cement-retained or screw-retained temporary restoration
- Biocompatibility tested

	Straight		
			
Dimensions	A: 1mm, B: 9 mm	A: 2mm, B: 9 mm	A: 3mm, B: 9 mm
Code	TPA1	TPA2	TPA3
Ref. No.	5416	5417	5418

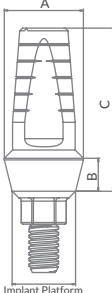





	15°			25°	
					
Dimensions	A: 1mm, B: 8 mm	A: 2mm, B: 8 mm	A: 3mm, B: 8 mm	A: 1mm, B: 8 mm	A: 2mm, B: 8 mm
Code	TPA15-1	TPA15-2	TPA15-3	TPA25-1	TPA25-2
Ref. No.	5419	5420	5421	5422	5423

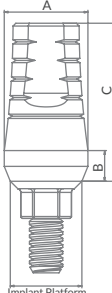
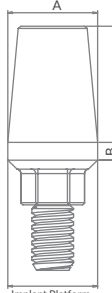
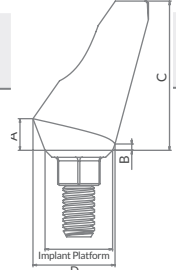




TEMPORARY TITANIUM ABUTMENTS

	Temporary Abutments	
		
Dimensions	A: Ø4.5 mm B: 1.7 mm C: 9.5 mm	A: Ø4.5 mm B: 1.7 mm C: 7.8 mm
Code	TLAC-AR	TLAC-R Non-Engaging
Ref. No.	5200	5220
Instructions	Used for multiple unit restorations	

Esthetic Titanium Abutments

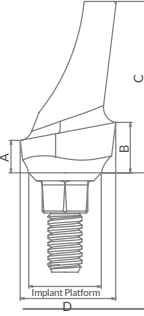






Straight cement-retained Gold Anodize esthetic abutments with 4 different cuff heights (1mm, 2mm, 3mm and 4mm). The abutments can be used with a highly accurate plastic transfer (Ref. no. 5364) for closed tray impression.

	Straight Abutments with Various Cuff Heights				Plastic Transfer
					
Dimensions	A: Ø4.8 mm B: 0.9 mm C: 8.9 mm	A: Ø4.8 mm B: 1.9 mm C: 9.9 mm	A: Ø4.8 mm B: 2.9 mm C: 10.9 mm	A: Ø4.8 mm B: 3.9 mm C: 11.9 mm	
Code	ETLASP1	ETLASP2	ETLASP3	ETLASP4	HTLASP*
Ref. No.	5352	5353	5354	5355	5364
Instructions	* Suitable for TLASP and ETLASP abutments				

	Straight Abutments		Slim Abutments		Angled Abutments	
						
Dimensions	A: Ø4.5 mm B: 1.7 mm C: 8.5 mm	Dimensions	A: Ø3.85 mm B: 0.8 mm C: 8.5 mm	Dimensions	A: 1.65 mm B: 0.15 mm C: 11.5 mm D: 4.5 mm	A: 1.8 mm B: 0.4 mm C: 8.5 mm D: 4.7 mm
Code	ETLA	Code	ETLAS	Code	ETLAL 15	ETLA 25
Ref. No.	5031	Ref. No.	5155	Ref. No.	5094	5131

Esthetic Anatomic Abutments

A unique design that replicates the anatomic shape of a natural tooth and gum line | Ensures optimal esthetic and functional results
Saves chair-time for the prosthodontist and the technician | Especially designed for pre-molars and molars

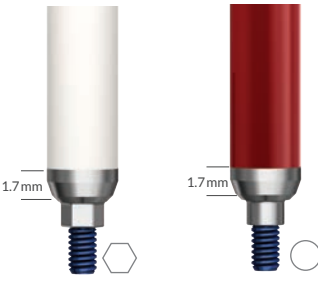
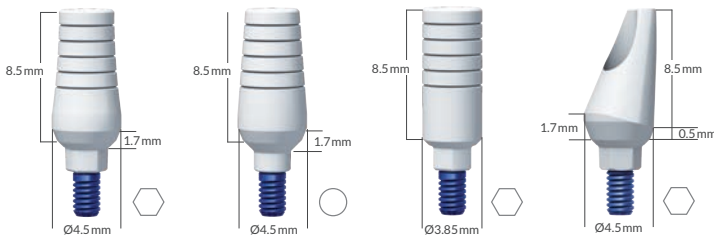
	Angled Abutments 15°			Angled Abutments 25°		
						
Dimensions	A: 1.6 mm B: 2.5 mm C: 8.7 mm D: 5.1 mm	A: 2.6 mm B: 3.5 mm C: 9.7 mm D: 5.1 mm	A: 3.6 mm B: 4.5 mm C: 10.6 mm D: 5.1 mm	A: 1.6 mm B: 2.3 mm C: 9 mm D: 5.3 mm	A: 2.5 mm B: 3.3 mm C: 9.9 mm D: 5.3 mm	A: 3.7 mm B: 4.5 mm C: 10.9 mm D: 5.3 mm
Code	EAAS 15	EAA 15	EAAH 15	EAAS 25	EAA 25	EAAH 25
Ref. No.	5410	5411	5412	5413	5414	5415

Casting Abutments

Casting abutments with press-fit plastic sleeve are used for customized prosthetic restorations. Metal Base enables precise implant-abutment connection. Two types of casting abutments are available:



⬡ **Anti Rotational: (Hexagon)** - can be used for custom casting prosthetic restorations on single implant or multiple implants.

○ **Rotational (Cylindrical)** - can be used for custom casting prosthetic restorations only on multiple implant restoration.

CoCr Base Abutments			Plastic Abutment for Casting			
						
Base melting range	>1290°C - 1380°C					
Code	TLABCC	TLABCC-R Rotational	PLA	PLA-R	PLAS	PLA 15
Ref. No.	6405	6406	5040	5041	5050	5093

Prosthetic Screws

All Titanium abutments are supplied with STLAS screw with the exception of TLA 35 which is supplied with a different screw - STLASH. In cases where numerous screwing and unscrewing are required, it is recommended to replace the STLA screw with the STLAT.

Prosthetic Screws				Retrieval Screw
				
Material	Titanium	Titanium*	Titanium	Titanium
Code	STLAS	STLAT	STLASH**	RS
Ref. No.	5122	5121	5127	5110
Instructions	Use 30 Ncm to tighten prosthetic screws. * Specially coated. Recommended for laboratory use. ** For use with TLA35 abutment only (Ref. No. 5136)			Used for retrieval of stuck abutments in Implants / Analogs







Multi Unit Abutment System

Alpha-Bio Tec introduces a new, advanced and comprehensive screw-retained line for single and multiple implant restorations. Built on the advantages of the existing screw-retained line and after thorough research, the new prosthetic parts are easy to use, provide long term stability and designed to maintain the health of the soft tissue.

- A **one-piece design** makes the restoration procedure even simpler and enables dental professionals to use the system for various clinical procedures: in the maxilla and mandible areas, single tooth, partial or full edentulous jaw.
- A wide prosthetic platform enables the use of thicker porcelain crowns at the final restoration stage for stronger and higher esthetic results.
- The well-proven current platform remains the same, allowing the use of the same restoration parts (such as: transfers, healing abutments, casting sleeves, etc.).



	ABUTMENTS TYPE	DIMENSIONS	WHEN TO USE?
	17° Angled Abutments*	Available in 1.5, 2.5 and 3.5 mm heights	<ul style="list-style-type: none"> • For multiple unit restoration • For aligning tilted implants • For fixed screw-retained restorations
	30° Angled Abutments*	Available in 1.5, 2.5 and 3.5 mm heights	<ul style="list-style-type: none"> • For multiple unit restoration • For aligning tilted implants • For fixed screw-retained restorations
	Pro TCT Abutments*	Ø4.7 mm with cuff heights of 0.7, 1.6, 2.6, 3.6, 4.6 or 5.6 mm	<ul style="list-style-type: none"> • Designed for implants with up to 30° diversion between them • Multiple unit fixed restoration
	HBC Abutments	Ø4.7 mm with cuff heights of 0.5, 1.5 and 2.5 mm	<ul style="list-style-type: none"> • For single unit screw-retained restorations

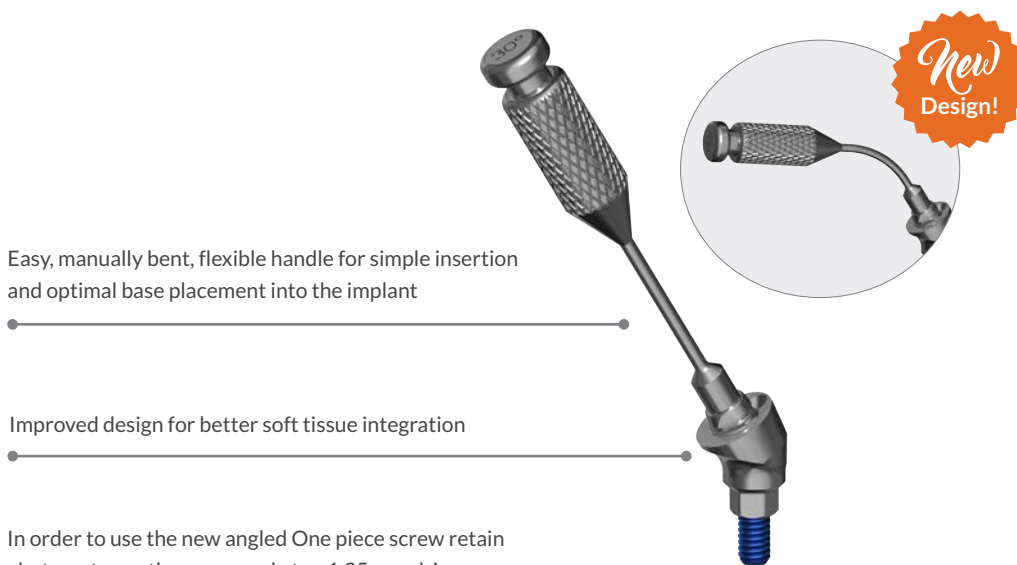
* Note: Sold in selected countries only due to regulation restrictions.



Multi Unit Abutment System

The AlphaUniverse Multi Unit abutment system is intended for use in cases where implant angulation correction is required.

- One-piece design
- A unique handle designed for placing the abutment on top of the implant
- Maintains the health of the soft tissue
- The connecting screw is located inside the abutment for easy connection with the implant



Easy, manually bent, flexible handle for simple insertion and optimal base placement into the implant

Improved design for better soft tissue integration

In order to use the new angled One piece screw retain abutments use the new purple top 1.25 mm drivers.

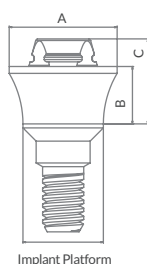
New designed colored insertion tools.
See page 52

Angled Abutments*						
Degree	17°			30°		
Dimensions	A: 4.7 Ø B: 1.5 mm	A: 4.7 Ø B: 2.5 mm	A: 4.7 Ø B: 3.5 mm	A: 4.7 Ø B: 1.5 mm	A: 4.7 Ø B: 2.5 mm	A: 4.7 Ø B: 3.5 mm
Code	AU 17-1.5 HI	AU 17-2.5 HI	AU 17-3.5 HI	AU 30-1.5 HI	AU 30-2.5 HI	AU 30-3.5 HI
Ref. No.	5432	5433	5434	5437	5438	5439
Instructions	Use 1.25 mm driver for insertion. Recommended closing torque 30 Ncm					



Pro TCT Straight Abutments

Restoration for up to 30° *



Implant Platform

Pro TCT-N Abutment System

Dimensions	A: Ø4.7 mm B: 0.75 mm C: 1 mm	A: Ø4.7 mm B: 1.6 mm C: 2.8 mm	A: Ø4.7 mm B: 2.6 mm C: 3.8 mm	A: Ø4.7 mm B: 3.6 mm C: 4.8 mm	A: Ø4.7 mm B: 4.6 mm C: 5.8 mm	A: Ø4.7 mm B: 5.6 mm C: 6.8 mm
Code	TCT0.5-N	TCT1.5-N	TCT2.5-N	TCT3.5-N	TCT4.5-N	TCT5.5-N
Ref. No.	5221	5222	5223	5252	5253	5254
Instructions	Use 1.5 mm Hex Driver for insertion (see page 52). Recommended closing torque: 30 Ncm.					

Pro Healing Abutments

Open Tray Transfer

Closed Tray Transfer

Height	4 mm	6 mm	10 mm	10 mm	13 mm	8.5 mm
Code	HCT4-N	HCT6-N	TST-N	TCT-N-R	SFL-N	TS-N
Ref. No.	5236	5237	5231	5248	6012	5235
Instructions	Provided with an integral screw. Recommended closing torques 10 Ncm		Provided with 6012 screw. Recommended to close manually.			Recommended to close manually.

Analog

Temporary Abutment

Screw Fixation

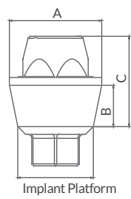
Burnout Sleeve

Material	Titanium	Titanium	Titanium	Titanium with coating	Plastic	Plastic
Code	BTT-N	TTA-N	SF-N	SFT-N	PST-N-AR	PST-N Non-Engaging
Ref. No.	5211	5216	6092	6093	5217	5218
Instructions		Recommended closing torque: 25 Ncm. Provided with 6092 screw.	Use HTD 1.25 mm for insertion.		Recommended closing manually only (without tool). Provided with 6093 screw.	

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

HBC Abutment System

Single Tooth Restoration



HBC Abutment System



Dimensions	A: Ø4.7 mm B: 0.5mm C: 2.6mm	A: Ø4.7 mm B: 1.5mm C: 3.6mm	A: Ø4.7 mm B: 2.5mm C: 4.6mm
Code	HBC 0.5	HBC 1.5	HBC 2.5
Ref. No.	6040	6041	6042
Instructions	Requires standard implant level impression (see page 34). Use 1.25 mm driver for insertion and close the abutment screw with 30 Ncm (see page 52). The HBC abutments are provided with a screw and casting sleeve in the same package.		

Screws for HBC abutments

Burnout Sleeve



Code	LS O.5	LS 1.5	LS 2.5	PST-AR
Ref. No.	6050	6051	6052	6070
Use With	HBC 0.5	HBC 1.5	HBC 2.5	HBC Abutments

Ordering information for Two - Pieces Screw Retain Abutments

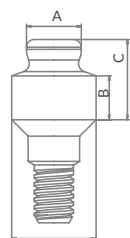
Alpha-Bio Tec strongly encourages its customers to order the new designed AlphaUniverse Multi Unit parts. If the parts are still not available in your region, due to regulation restrictions, kindly use the below table for ordering:

Alpha Unibase	Pro Alpha UniCovers	Screws
17°X1.5 (5308)	AUC-TCT-N (5201)	USP (5314)
17°X2.5 (5309)		USL (5315)
30°X1.5 (5312)		
30°X2.5 (5313)		

AlphaLoc

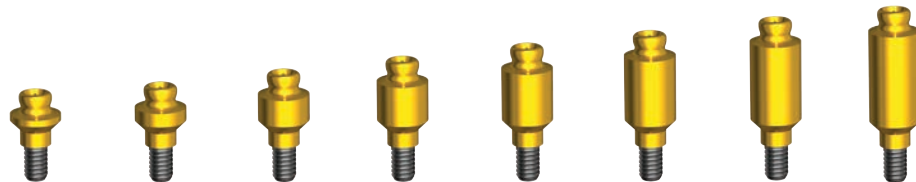


The AlphaLoc overdenture-implant attachment system is designed for use with full or partial dentures by endosseous implants in mandible or maxilla. AlphaLoc has the lowest vertical profile in the market, 2.1 mm, and the narrower width of 4.5 mm compared to the existing implant overdenture attachments.








Implant Platform

AlphaLoc Attachments Titanium alloy with TiN coating



Dimensions	A: Ø 2.5 mm B: 0.5 mm C: 2.16 mm	A: Ø 2.5 mm B: 1 mm C: 2.66 mm	A: Ø 2.5 mm B: 2 mm C: 3.66 mm	A: Ø 2.5 mm B: 3 mm C: 4.66 mm	A: Ø 2.5 mm B: 4 mm C: 5.66 mm	A: Ø 2.5 mm B: 5 mm C: 6.66 mm	A: Ø 2.5 mm B: 6 mm C: 7.66 mm	A: Ø 2.5 mm B: 7 mm C: 8.66 mm
Attachments Ref. No. (provided as single part, separately from the set)	4859	4860	4861	4862	4863	4864	4865	4866
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	4867	4868	4869	4870	4871	4872	4873	4874
Instructions	Recommended closing torque 30Ncm							

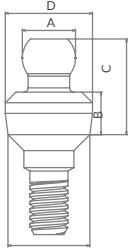
	AlphaLoc Male Processing Package	AlphaLoc Male Retentive Caps			
					
Ref. No.	4875	4876	4877	4878	4879
Includes	Stainless Steel Metal Housing, Block out Spacer, Nylon Replacement Males (violet, clear, pink and yellow), Laboratory cap (black)	Strong Retention (violet)	Standard Retention (clear)	Soft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

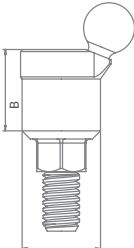






	AlphaLoc Laboratory Cap (black)	AlphaLoc Block Out Spacer	AlphaLoc Impression Coping	AlphaLoc Female Analog	AlphaLoc Insertion Tool	AlphaLoc Extraction Tool
Content	4 Units	1 Unit	4 Units	4 Units	1 Unit	1 Unit
Ref. No.	4882	4883	4884	4885	4886	4887





Titanium Ball Attachments

The ball attachments are used for tissue and implant-supported overdentures, typically with two or more parallel implants (within 10°). Ball attachments provide firm retention and stabilization to the overdenture.

Make sure a proper tissue support for the prosthesis is available.

Straight Ball Attachments						
						
Implant Platform						
Dimensions	A: Ø2.5 mm B: 1 mm C: 3.5 mm D: Ø 4.1 mm	A: Ø2.5 mm B: 2 mm C: 4.5 mm D: Ø 4.1 mm	A: Ø2.5 mm B: 3 mm C: 5.5 mm D: Ø 4.1 mm	A: Ø2.5 mm B: 4 mm C: 6.5 mm D: Ø 4.1 mm	A: Ø2.5 mm B: 5 mm C: 7.5 mm D: Ø 4.1 mm	A: Ø2.5 mm B: 6 mm C: 8.5 mm D: Ø 4.1 mm
Code	TB 0.5	TB 2	TB 3	TB 4	TB 5	TB 6
Ref. No.	6260	6210	6280	6220	6270	6290
Instructions	Use regular impression analog and transfer (page 34). Use HTD 1.25 mm for insertion (page 52). Use nylon cap Ø 2.5 mm.					

 Implant Platform	Angled Ball Attachments			
				
Dimensions	B: 3 mm	B: 4 mm	B: 3 mm	B: 4 mm
Code	TBAA2	TBAA3	TBAB2	TBAB3
Ref. No.	6304	6306	6305	6307
Instructions	 Ball is oriented to the flat surface of the hex		 Ball is oriented to the apex of the hex	

Nylon Cap for Ø 2.5 mm (normal)				
	Stainless Steel Housing	Nylon Cap	Nylon Cap with Titanium Ring	Soft Nylon Cap
				
Implant Platform				
Code	H	NC	NCT	NCA
Ref. No.	6240	6250	6251	6253

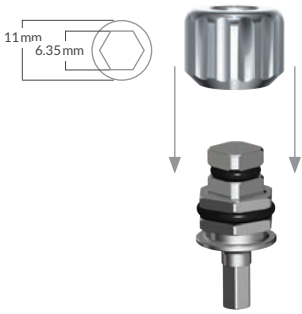
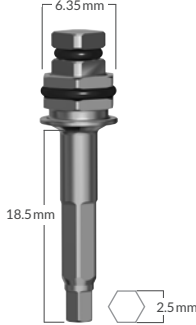
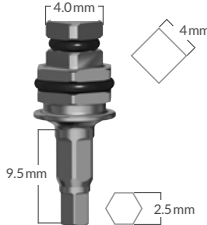



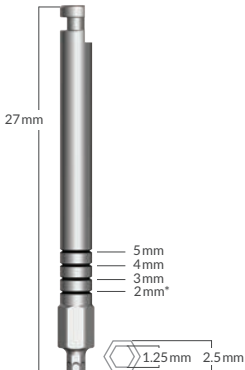
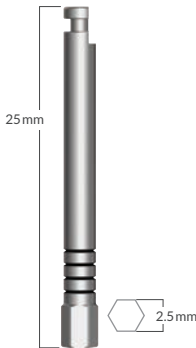
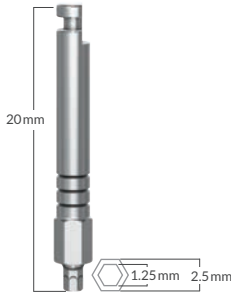
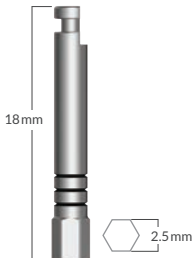


Surgical Instruments & Tools

Internal Hex Connection

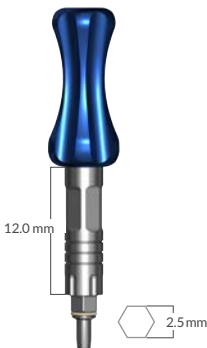
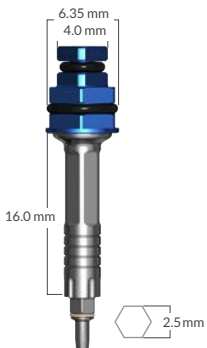
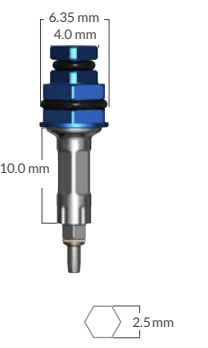
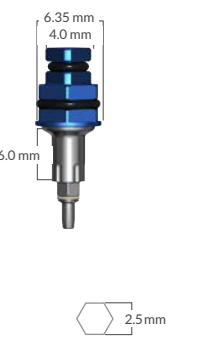
Implant Insertion Tools

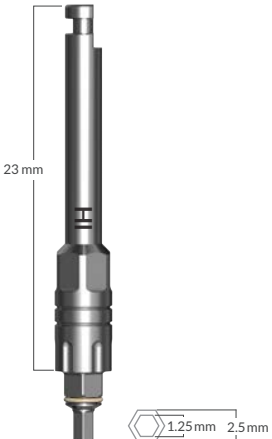
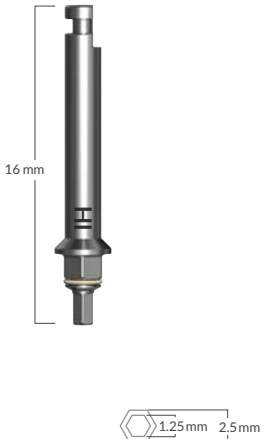
Manual Driver (Stainless Steel)		Internal Hex Insertion Drivers (Stainless Steel)		
		2.5 mm Long	2.5 mm	2.5 mm Short
				
Code	HTW	ITD 2.5	ITD 2.5 S	ITD 2.5 SS
Ref. No.	4014	4151	4152	4153
Instructions	Converts drivers to manual drivers. Compatible with 6.35 mm hex drivers	Compatible with hexagonal 6.35 mm or square 4 mm wrench or surgical screw driver		

Internal Hex Contra-Angle Drivers (Stainless Steel)				
	Motor Mount 2.5/1.25 mm	Motor Mount 2.5 mm	Short Motor Mount 2.5/1.25 mm	Short Motor Mount 2.5 mm
				
Code	IT 2.5M+	IT 2.5	ITS 2.5/1.25	ITS 2.5
Ref. No.	4161	4073	4071	4072
Instructions	Driver for contra-angle handpiece for internal hex implant insertion and tightening cover screws, healing abutments and 1.25 mm screws.	Driver for contra-angle handpiece for internal hex implant insertion (2.5 mm)	Short driver for contra-angle handpiece for internal hex implant insertion and tightening cover screws, healing abutments and 1.25 mm screws.	Short driver for contra-angle handpiece to internal hex implant insertion (2.5 mm)


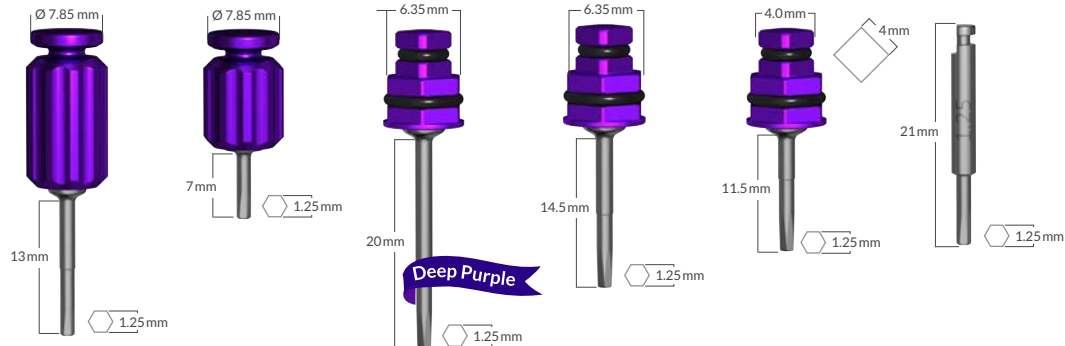
* From implant level.

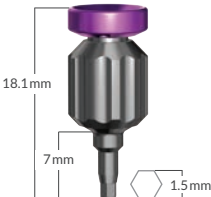
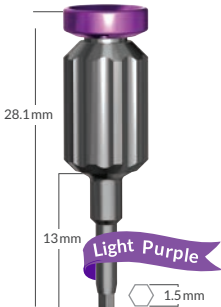
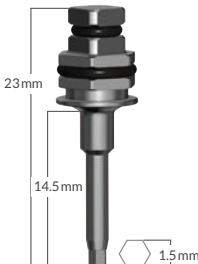
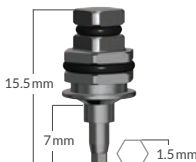
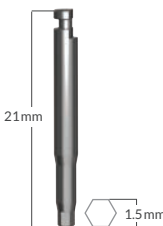
Implant Grip Drivers

Manual Driver		Internal Hex Insertion Drivers		
		2.5 mm Long	2.5 mm Standard	2.5 mm Short
				
Code	MITD2.5-IH	G-ITDL2.5	G-ITDM2.5	G-ITDS2.5
Ref. No.	4146	4140	4141	4142
Instructions		Compatible with hexagonal 6.35 mm or square 4 mm ratchet or surgical screwdriver		

Internal Hex Contra-Angle Driver	
Long motor mount 2.5/1.25 mm	Short motor mount 2.5/1.25 mm
	
Code	GITL2.5/1.25
Code	GITS2.5/1.25
Ref. No.	4143
Ref. No.	4145

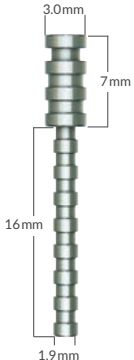
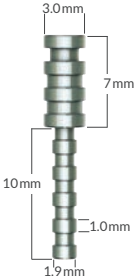

Insertion Tools

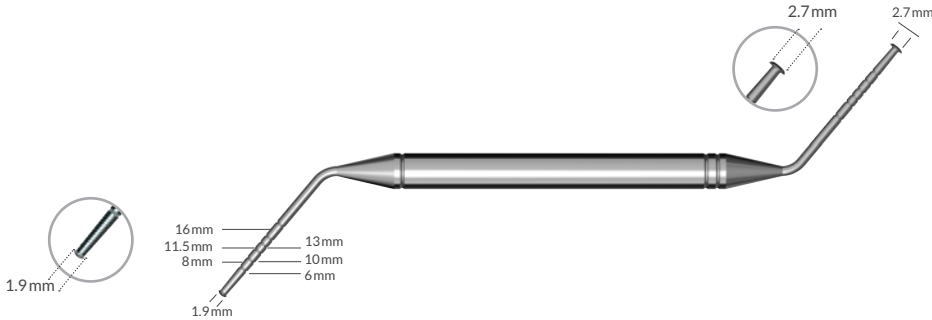
Hex Drivers 1.25 mm (Stainless Steel)						
	Manual Screw Driver	Manual Screw Driver Short	Hex Driver Long	Hex Driver	Hex Driver Short	Contra Angle Motor Mount
						
Code	HHS 1.25	HHSS 1.25	HTD 1.25L	HTD 1.25	HTD 1.25 S	HT 1.25M
Ref. No.	4052	4053	4061	4055	4056	4165
Instructions	For manual use		Fits hexagonal 6.35 mm or square 4 mm ratchet or ratchet torque			To be used with a contra-angle handpiece
	Compatible with all healing abutments, cover screw, transfer screws and most of the abutments					

Prosthetic Hex Driver 1.5 mm (Stainless Steel)					
	Manual Hex Driver	Long Manual Hex Driver	Hex Driver	Short Hex Driver	Contra Angle Motor Mount
					
Code	HHS 1.5	HHL 1.5	HTD 1.5	HTD 1.5S	HT 1.5
Ref. No.	4059	4060	4057	4058	4168
Instructions	For manual use		Fits hexagonal 6.35 mm or square 4 mm ratchet or surgical screwdriver		To be used with a contra angle motor
	The 1.5 mm drivers are intended for use with straight Pro TCT-N abutments.				

Parallel and Depth Guides

Compatible with all implant platforms.

	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 X-ray distortion. Each step is 1 mm		Used for precise spacing and parallel implant placement.

	IDG Implant Depth Probe (Stainless Steel)
	
Code	IDG
Ref. No.	4100
Instructions	<p>Double sided measuring probe:</p> <ul style="list-style-type: none"> -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. <p>Can be used in various treatments, such us: checking osteotomy depth, examination of the Schneiderian membrane, bone condensing and others.</p>

Surgical Accessories

Compatible with all implant platforms.

Surgical Screwdriver

Ref. No. 4220

Code: SDH



Used with 6.35 mm hexagonal head.

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

Ref. No. 4572

Code: URT



Allows clinicians to accurately apply the recommended torque when using prosthetic or surgical drivers.



Conical Hex Connection Implants (CHC)

Our Conical Hex Connection Implants are an advanced solution for narrow alveolar ridges and limited spaces. The prosthetic parts high quality design and the implants advanced features, together ensure long term aesthetic results.



neo



Ultimate

Why NeO	Active implant and yet, gentle to the bone. Implant balanced to perfection.
Unique design feature	<ul style="list-style-type: none"> Spiral slightly tapered Unique patent pending apical part with centering feature and gripping tips Two micro threads
Unique clinical benefits	<ul style="list-style-type: none"> Optimal primary stability High bone preservation Complex clinical cases
Recommended bone type	All

NICE



Narrow universal

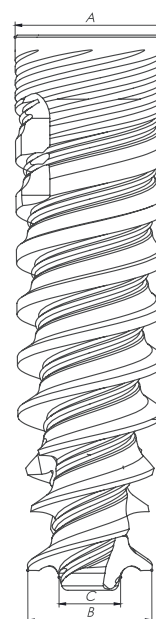
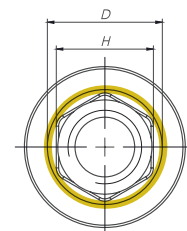
Why NICE	An extended solution for narrow ridges and limited spaces by adjacent teeth and roots.
Unique design feature	Narrow tapered Split coronal micro threads Tapered design externally and internally
Unique clinical benefits	<ul style="list-style-type: none"> High esthetic results Ideal primary stability
Recommended bone type	All



nēo THE NEXT SENSATION

The narrow system includes Ø 3.2, Ø 3.5mm implant diameters with a Conical Hex Connection. Compatible with Alpha-Bio Tec's Conical Hex Connection prosthetics and CAD/CAM restoration line

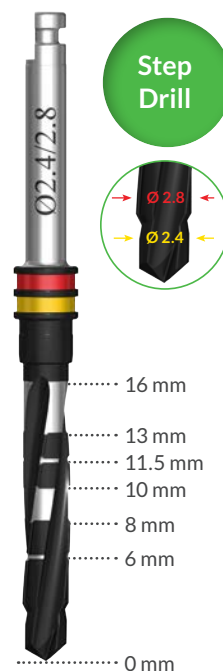
Ø Diameter	Length	Ref. No.	Dimensions				
			A	B	C	D	H
Ø 3.2	8 mm	1108	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	10 mm	1100	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	11.5 mm	1101	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	13 mm	1103	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	16 mm	1106	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	2.1
Ø 3.5	8 mm	1128	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	10 mm	1120	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	11.5 mm	1121	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	13 mm	1123	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	16 mm	1126	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	2.1



Drill Protocol Two ways one result

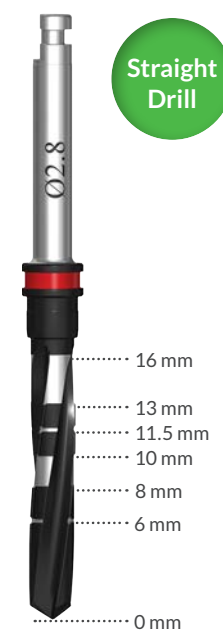
Step Drilling Sequence

Ø Diameter	Soft bone Type IV	Medium bone Type II&III	Hard bone Type I
Ø 3.2	2.0	2.0 2.4/2.8	2.0 2.4/2.8 2.8/3.0
Ø 3.5	2.0 2.0/2.4	2.0 2.4/2.8 2.8/3.0	2.0 2.4/2.8 2.8/3.2



Straight Drilling Sequence

Ø Diameter	Soft bone Type IV	Medium bone Type II&III	Hard bone Type I
Ø 3.2	2.0	2.0 2.4 2.8*	2.0 2.8 3.0*
Ø 3.5	2.0 2.4**	2.0 2.8 3.0*	2.0 2.8 3.2*

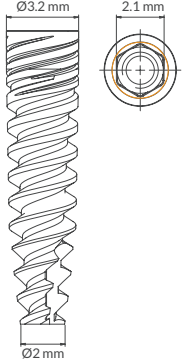







* 3mm shorter than implant's length. Note that drill can be replaced by a corresponding step drill, throughout entire implant's length, see step protocol



NICE System

An Extended Solution for Narrow Ridges

	8 mm	10 mm	11.5 mm	13 mm	16 mm
					
Ref. No.	1068	1060	1061	1063	1066

Important: Professional considerations may be required for adaptations of the drill protocol in specific cases.

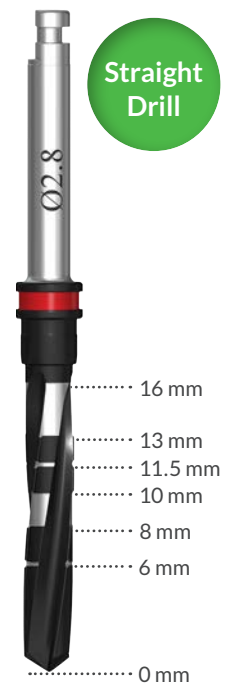
NICE Drilling Protocol

Straight Drilling Sequence

Ø Diameter	Soft bone Type IV	Medium bone Type II&III	Hard bone Type I
Ø 3.2	2.0	2.0	2.0
		2.8	2.8
		*	3.0**

* In cases of thick cortical layer use Ø3.0mm drill only through the cortex

** 3mm shorter than implant's length. Note that drill can be replaced by a corresponding step drill



Multi-Function Implant Package



NICE's holder is orange colored to simplify the identification of the implant

Cover screw (unique to the NICE implant)

Vial seal, transparent for increased visibility

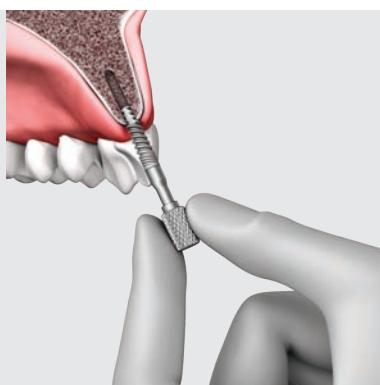
Narrow implant holder

Label with implant name, diameter and length

NICE
Ø 3.2
L13



1 Manual removal of the implant from the plastic holder.



2 Initial insertion of the implant into the bone. Removal of the implant holder from the implant.*



3 Insertion of the implant into the bone with the help of special surgical tools.

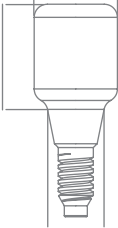




*Note:

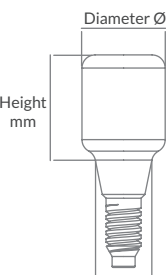




Insert the implant up to its resistance point. If necessary, before the holder release, rotate the holder slightly, anticlockwise, to release its grip of the implant.

Healing Abutments

Laser mark for
easy identification
of diameter
and height



<div><div><div>Diameter Ø</div><div>Height mm</div></div><div>Implant Platform</div></div>	Ø 3.4 mm				
					
	Dimensions	D: Ø 3.4 mm H: 2 mm	D: Ø 3.4 mm H: 3 mm	D: Ø 3.4 mm H: 5 mm	D: Ø 3.4 mm H: 7 mm
	Code	HSD3.4-2-CHC	HSD3.4-3-CHC	HSD3.4-5-CHC	HSD3.4-7-CHC
	Ref. No.	7311	7312	7313	7314

 <p>Diameter Ø</p> <p>Height mm</p> <p>Implant Platform</p>	Ø 3.8 mm				
					
	Dimensions	D: Ø 3.8 mm H: 2 mm	D: Ø 3.8 mm H: 3 mm	D: Ø 3.8 mm H: 5 mm	D: Ø 3.8 mm H: 7 mm
	Code	HSD3.8-2-CHC	HSD3.8-3-CHC	HSD3.8-5-CHC	HSD3.8-7-CHC
	Ref. No.	7315	7316	7317	7318

 <p>Diameter Ø</p> <p>Height mm</p> <p>Implant Platform</p>	Ø 4.2 mm				
					
	Dimensions	D: Ø 4.2 mm H: 2 mm	D: Ø 4.2 mm H: 3 mm	D: Ø 4.2 mm H: 5 mm	D: Ø 4.2 mm H: 7 mm
	Code	HSD4.2-2-CHC	HSD4.2-3-CHC	HSD4.2-5-CHC	HSD4.2-7-CHC
	Ref. No.	7319	7320	7321	7322

30

YEARS

OF SIMPLANTOLOGY



Implants



Prosthetics



Digital Enablers



Biomaterials

SIMPLANTOLOGY, IN EVERYTHING WE



Prosthetics Systems Conical Hex Connection

Our comprehensive line of prosthetic products provides solutions for all dental restorative options including: cement-retained restoration, screw-retained restoration and implant supported overdenture restorations. For our CAD/CAM Restoration please see page 91.



CAD/CAM Restoration



Our CAD/CAM line offers a wide range of restoration products, enabling both dentists and laboratories to embrace digitalization to design and manufacture esthetic and durable restorations.

See page 91 >

Cement-Retained Restoration



Our cement-retained restoration line includes straight, angled or casting abutments for customization. Abutments are provided in numerous designs to support all restoration needs: Slim abutments are used in cases with minimum restorative space such as maxillary lateral incisors and mandibular anterior teeth. Wide profile abutments provide more flexibility when grinding is required. Esthetic abutments are gold anodized and the straight or angled Titanium abutments are designed for high esthetic results.

See page 64 >

Screw-Retained Restoration



Alpha-Bio Tec's introduces a new line of advanced restorations for conical hex connection implants. The new restorative parts provides a strong and esthetic solution to support various clinical situations from a single tooth, partial or a full edentulous jaw.

See page 68 >

Overdenture Restoration



Our overdenture restoration line includes two restoration options: Ball attachment and AlphaLoc.

Ball attachments provide an excellent, intuitive and easy solution. The AlphaLoc is a simple yet sophisticated system which offers multiple solutions for a wide range of clinical demands and unique situations such as a tight interocclusal space. The AlphaLoc allows for various gingival heights, retentions and angle corrections.

See page 72 >



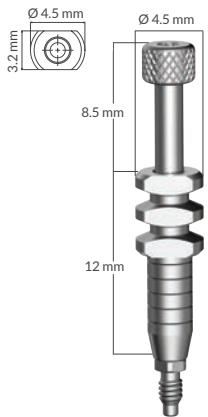
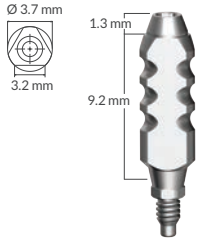
Implant Impression Transfers

Open Tray Transfer

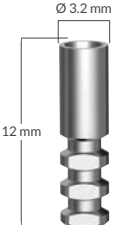
- Special screw design, allows manual handling
- Ability to tighten the transfer screw by means of insertion of 1.25 mm driver on top of the transfer screw
- Narrow design allows taking impression in limited spaces between adjacent teeth
- Special design to ease impression taking in narrow places without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

Closed Tray Transfer

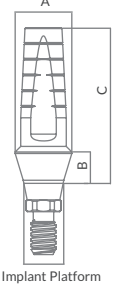




- Narrow design allows taking impression in limited spaces between adjacent teeth
- Special screw and transfer design (triangular) allows precise, easy and decisive re-insertion into the impression
- Ability to tighten the transfer screw by means of insertion of 1.25 mm driver on top of the transfer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

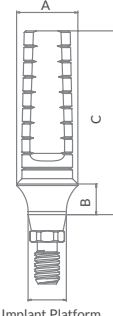





	Open Tray Transfer	Closed Tray Transfer
		
Code	HLTO-CHC	HLTS-CHC
Ref. No.	7335	7333
Instructions	Supplied with the screw LGP-CHC	

* Note: Implant level.

	Implant Analog
	
Code	IA-CHC
Ref. No.	7338

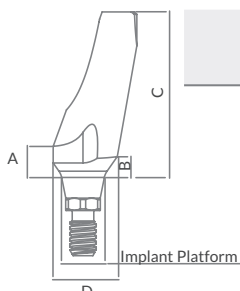



Esthetic Abutments

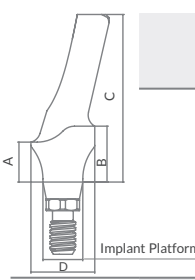



 Implant Platform	Esthetic Simply Straight Abutments			
				
	Dimensions	A: Ø 3.6 mm B: 1.0 mm C: 8.9 mm	A: Ø 3.6 mm B: 2.0 mm C: 9.9 mm	A: Ø 3.6 mm B: 3.0 mm C: 10.9 mm
	Code	ETLASP1-CHC	ETLASP2-CHC	ETLASP3-CHC
	Ref. No.	7350	7351	7352
Instructions	Recommended closing torque: 20 Ncm. Do not exceed 20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

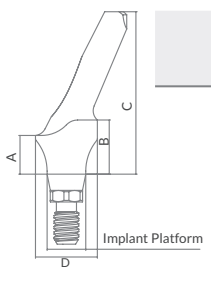



 Implant Platform	Esthetic Simply Straight Wide Abutments				
					
	Dimensions	A: Ø 4.0 mm B: 1.0 mm C: 11.0 mm	A: Ø 4.0 mm B: 2.0 mm C: 12.0 mm	A: Ø 4.0 mm B: 3.0 mm C: 13.0 mm	A: Ø 4.0 mm B: 4.0 mm C: 14.0 mm
	Code	ETWASP1-CHC	ETWASP2-CHC	ETWASP3-CHC	ETWASP4-CHC
	Ref. No.	7370	7371	7372	7373
Instructions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

 Implant Platform	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
	Code	ETLAS3.2-CHC	ETLAS3.6-CHC	TLAS4.0-CHC
	Ref. No.	7356	7357	7358
Instructions	Recommended closing torque: 20 Ncm. Do not exceed 20 Ncm.			



Angled Abutments

Esthetic Angled Titanium Abutments			
	 15°		
	 15°		
	 25°		
	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
	Code	ETLA15-CHC	ETLA25-CHC
Ref. No.	7360	7361	7362
Instructions	Recommended closing torque: 20 Ncm. Do not exceed 20 Ncm.		

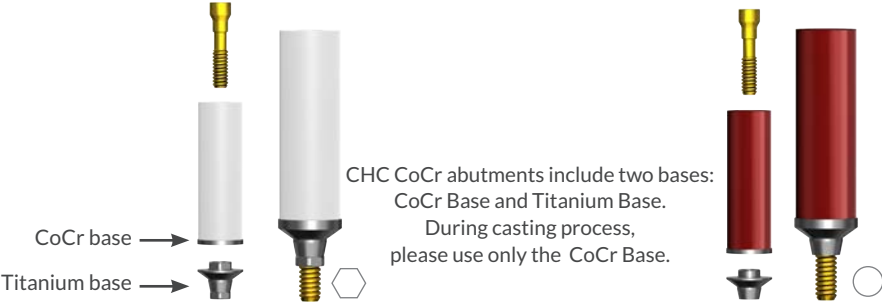
Esthetic Anatomic 15° Angled Titanium Abutments			
	 15°		
	 15°		
	 15°		
	Dimensions	A: 1.5 mm B: 2.5 mm C: 9.5 mm D: Ø 4.0 mm	A: 2.5 mm B: 3.5 mm C: 10.5 mm D: Ø 4.0 mm
	Code	EA15-1.5 CHC	EA15-3.5 CHC
Ref. No.	7363	7364	7365
Instructions	Recommended closing torque: 20 Ncm. Do not exceed 20 Ncm.		

Esthetic Anatomic 25° Angled Titanium Abutments			
	 25°		
	 25°		
	 25°		
	Dimensions	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
	Code	EA25-1.5CHC	EA25-3.5CHC
Ref. No.	7366	7367	7368
Instructions	Recommended closing torque: 20 Ncm. Do not exceed 20 Ncm.		

Prosthetic Screws

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

Casting Abutments

CoCr Base Abutments		
<div></div>		
CoCr melting temperature	>1290°C - 1380°C	
Code	TLABCC-CHC	TLABCC-R-CHC
Ref. No.	3613	3614
Instructions	The product design includes two detachable parts: 1. Titanium base 2. Plastic sleeve with CoCr base Please refer to product's IFU for more information.	








Multi Unit Abutment System

Alpha-Bio Tec introduces a new, advanced and comprehensive screw-retained line for single and multiple implant restorations. Built on the advantages of the existing screw-retained line and after thorough research, the new prosthetic parts are easy to use, provide long term stability and designed to maintain the health of the soft tissue.

- A **one-piece design** makes the restoration procedure even simpler and enables dental professionals to use the system for various clinical procedures: in the maxilla and mandible areas, single tooth, partial or full edentulous jaw.
- A wide prosthetic platform enables the use of thicker porcelain crowns at the final restoration stage for stronger and higher esthetic results.
- The well-proven current platform remains the same, allowing the use of the same restoration parts (such as: transfers, healing abutments, casting sleeves, etc.).



ABUTMENTS TYPE		DIMENSIONS	WHEN TO USE?
	17° Angled Abutments*	Available in 1.5, 2.5 and 3.5 mm heights	<ul style="list-style-type: none"> • For multiple unit restoration • For aligning tilted implants • For fixed screw-retained restorations
	30° Angled Abutments*	Available in 1.5, 2.5 and 3.5 mm heights	<ul style="list-style-type: none"> • For multiple unit restoration • For aligning tilted implants • For fixed screw-retained restorations
	Pro TCT Abutments*	Ø4.7 mm with cuff heights of 0.7, 1.6, 2.6, 3.6, 4.6 or 5.6 mm	<ul style="list-style-type: none"> • Designed for implants with up to 30° diversion between them • Multiple unit fixed restoration

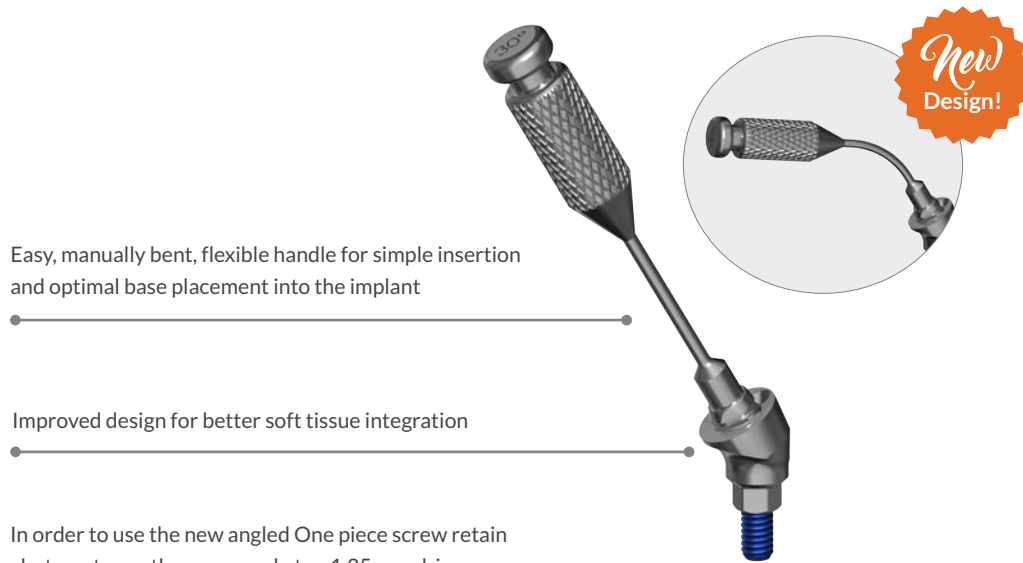
* Note: Sold in selected countries only due to regulation restrictions.



Multi Unit Abutment System

The Alpha Universe Multi Unit abutment system is intended for use in cases where implant angulation correction is required.

- One-piece design
- A unique handle designed for placing the abutment on top of the implant
- Maintains the health of the soft tissue
- The connecting screw is located inside the abutment for easy connection with the implant



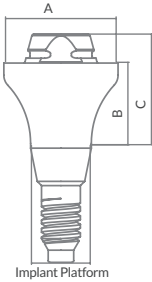






In order to use the new angled One piece screw retain abutments use the new purple top 1.25 mm drivers.




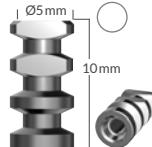
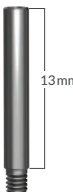
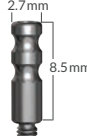
New designed colored insertion tools.
See page 76


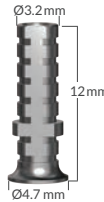




Angled Abutments						
Degree	17°			30°		
Dimensions	A: 4.7 Ø B: 1.5 mm	A: 4.7 Ø B: 2.5 mm	A: 4.7 Ø B: 3.5 mm	A: 4.7 Ø B: 1.5 mm	A: 4.7 Ø B: 2.5 mm	A: 4.7 Ø B: 3.5 mm
Code	AU 17-1.5 CHC	AU 17-2.5 CHC	AU 17-3.5 CHC	AU 30-1.5 CHC	AU 30-2.5 CHC	AU 30-3.5 CHC
Ref. No.	7482	7483	7484	7487	7488	7489
Instructions	Use 1.25 mm driver. Use 20 Ncm to tighten the abutment screw (See page 76)					

Pro TCT-N Abutment System

Restoration for up to 30°*

	TCT-N CHC					
						
Dimensions	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
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 52). Recommended closing torque: 30 Ncm.					

	Pro Healing Abutments		Open Tray Transfer			Closed Tray Transfer
						
Height	4 mm	6 mm	10 mm	10 mm	13 mm	8.5 mm
Code	HCT4-N	HCT6-N	TST-N	TCT-N-R	SFL-N	TS-N
Ref. No.	5236	5237	5231	5248	6012	5235
Instructions	Provided with an integral screw. Recommended closing torques 10 Ncm.		Provided with 6012 screw. Recommended to close manually.			Recommended to close manually.

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

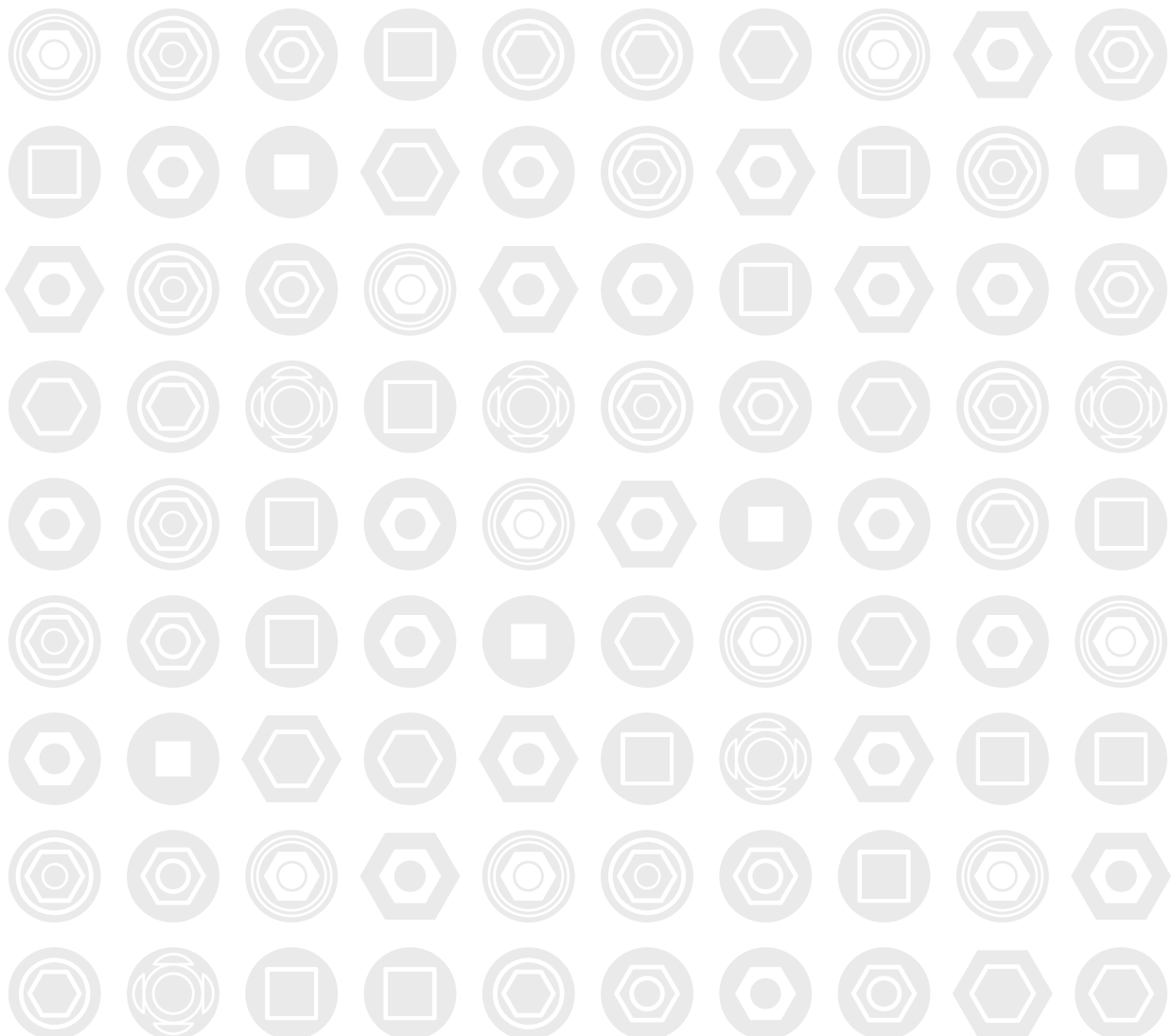
* Between implants. For more information see Screw-retained Restoration Line brochure.

Ordering Information for Unibases

Alpha-Bio Tec strongly encourages its customers to order the new designed AlphaUniverse Multi Unit parts.
If the parts are still not available in your region, due to regulation restrictions, kindly use the below table for ordering:

AlphaUniverse angled abutments (two-piece)

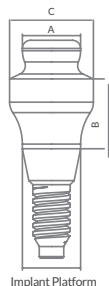
Alpha Unibase*	Pro Alpha UniCovers*	Screws*
17°X2 (7441)	AUC-T CT-N (5201)	USP (5317)
17°X3 (7442)		USL (5318)
30°X2 (7444)		
30°X3 (7445)		



AlphaLoc



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.




Implant Platform

AlphaLoc Attachments

Titanium alloy with TiN coating



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
						
Instructions	Recommended closing torque: 20 Ncm.					

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					

AlphaLoc Laboratory Cap (black)

AlphaLoc Block Out Spacer

AlphaLoc Impression Coping

AlphaLoc Female Analog

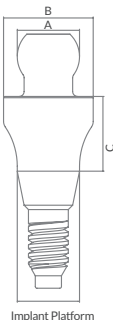





AlphaLoc Insertion Tool

AlphaLoc Extraction Tool







Content	4 Units	1 Unit	4 Units	4 Units	1 Unit	1 Unit
Ref. No.	4882	4883	4884	4885	4886	4887

Titanium Ball Attachments

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





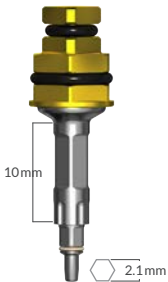
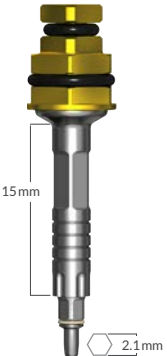
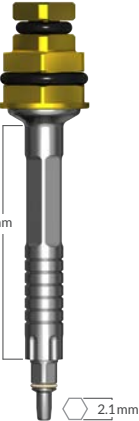
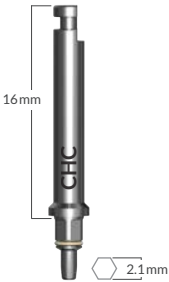
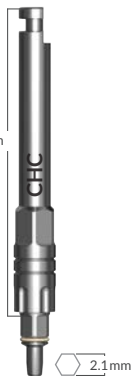
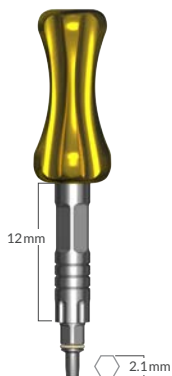


Surgical Instruments & Tools Conical Hex Connection (CHC)

Implant Insertion Tools

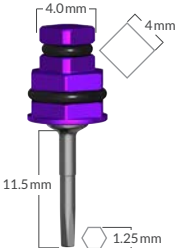
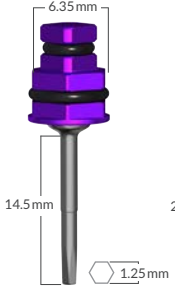
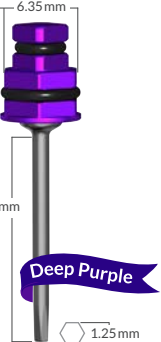

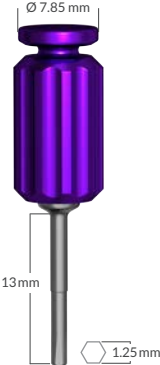
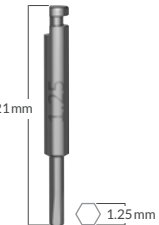
A variety of 2.1 mm drivers for manual use or with a contra angle motor or ratchet:

- 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	Manual 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

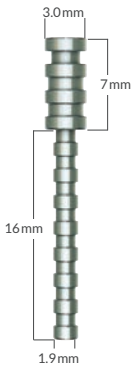
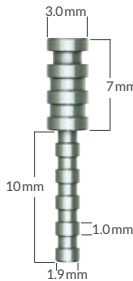

Insertion Tools

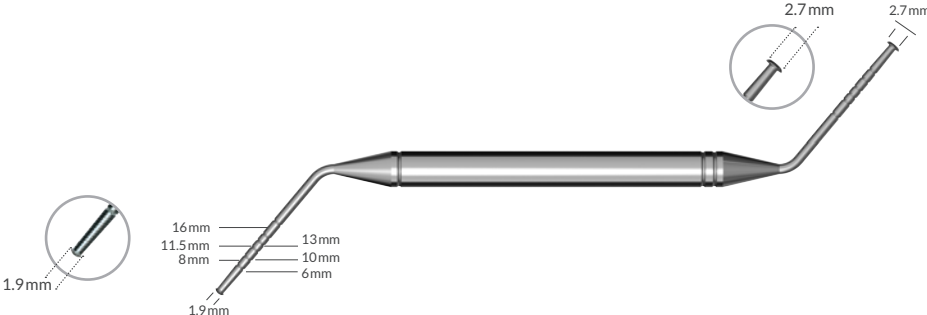
Compatible with Internal Hex Implant Systems as well

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

Parallel and Depth Guides




Compatible with all implant platforms.

	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 X-ray distortion. Each step is 1 mm		Used for precise spacing and parallel implant placement.

	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 us: checking osteotomy depth, examination of the Schneiderian membrane, bone condensing and others.

Surgical Accessories

Compatible with all implant platforms.

Surgical Screwdriver Ref. No. 4220 Code: SDH  	Universal Torque/Ratchet 10-45Ncm (Stainless Steel) Ref. No. 4572 Code: URT 
Used with 6.35 mm hexagonal head.	Allows clinicians to accurately apply the recommended torque when using prosthetic or surgical drivers.



Conical Standard Connection Implants (CS)



The new conical standard line of implants is a powerful addition to Alpha- Bio Tec's Conical Hex Connection platform, which enables esthetic restoration with an advanced implant-abutment connection. The conical standard connection results in less micro-movements, higher biological sealing and better resistant to repetitive mastication forces.



neO



Ultimate	
Why NeO	Active implant and yet, gentle to the bone. Implant balanced to perfection.
Unique design feature	Spiral slightly tapered Unique patent pending apical part with centering feature and gripping tips Two micro threads
Unique clinical benefits	<ul style="list-style-type: none">• Optimal primary stability• High bone preservation• Complex clinical cases
Recommended bone type	All

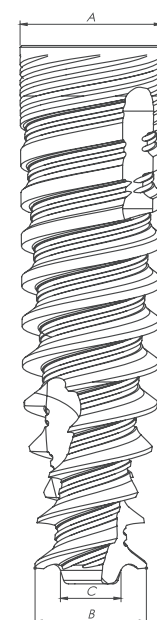
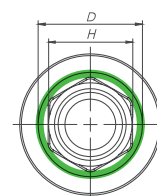




Conical Standard Connection (CS)

The conical standard connection includes $\varnothing 3.75$, $\varnothing 4.2$ and $\varnothing 5.0$ implant diameters. The implants are compatible with the new CS prosthetic line and the CAD/CAM restoration parts.

\varnothing Diameter	Length	Ref. No.	Dimensions				
			A	B	C	D	H
$\varnothing 3.75$	8 mm	1138	$\varnothing 3.75$	$\varnothing 3.1$	$\varnothing 1.8$	$\varnothing 3.1$	2.5
	10 mm	1130	$\varnothing 3.75$	$\varnothing 2.9$	$\varnothing 1.5$	$\varnothing 3.1$	2.5
	11.5 mm	1131	$\varnothing 3.75$	$\varnothing 2.9$	$\varnothing 1.5$	$\varnothing 3.1$	2.5
	13 mm	1133	$\varnothing 3.75$	$\varnothing 2.9$	$\varnothing 1.5$	$\varnothing 3.1$	2.5
	16 mm	1136	$\varnothing 3.75$	$\varnothing 2.9$	$\varnothing 1.5$	$\varnothing 3.1$	2.5
$\varnothing 4.2$	8 mm	1148	$\varnothing 4.2$	$\varnothing 3.55$	$\varnothing 1.8$	$\varnothing 3.1$	2.5
	10 mm	1140	$\varnothing 4.2$	$\varnothing 3.3$	$\varnothing 1.8$	$\varnothing 3.1$	2.5
	11.5 mm	1141	$\varnothing 4.2$	$\varnothing 3.3$	$\varnothing 1.8$	$\varnothing 3.1$	2.5
	13 mm	1143	$\varnothing 4.2$	$\varnothing 3.3$	$\varnothing 1.8$	$\varnothing 3.1$	2.5
	16 mm	1146	$\varnothing 4.2$	$\varnothing 3.3$	$\varnothing 1.8$	$\varnothing 3.1$	2.5
$\varnothing 5.0$	8 mm	1158	$\varnothing 5.0$	$\varnothing 4.4$	$\varnothing 2.6$	$\varnothing 3.1$	2.5
	10 mm	1150	$\varnothing 5.0$	$\varnothing 4.1$	$\varnothing 2.3$	$\varnothing 3.1$	2.5
	11.5 mm	1151	$\varnothing 5.0$	$\varnothing 4.1$	$\varnothing 2.3$	$\varnothing 3.1$	2.5
	13 mm	1153	$\varnothing 5.0$	$\varnothing 4.1$	$\varnothing 2.3$	$\varnothing 3.1$	2.5



Manual



MITD 2.5
CS
3806

Motor Mount



IT 2.5 LM
CS
3805



IT 2.5 SM
CS
3804

Wrench



ITD 2.5 L
CS
3803



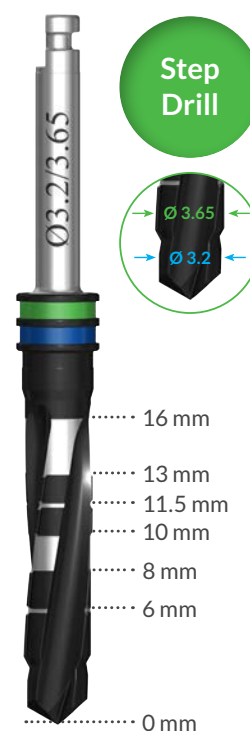
ITD 2.5 S
CS
3801

Drill Protocol - Two Ways, One Result

Step Drilling Sequence

Ø Diameter	Soft bone Type IV	Medium bone Type II&III	Hard bone Type I
Ø 3.75	2.0	2.0	2.0
	2.4/2.8	2.4/2.8	2.4/2.8
		2.8/3.2	2.8/3.2
			3.2/3.65 Cortical
Ø 4.2	2.0	2.0	2.0
	2.4/2.8	2.4/2.8	2.4/2.8
	2.8/3.2	3.2/3.65	3.2/3.65
			3.65/4.1 Cortical
Ø 5.0	2.0	2.0	2.0
	2.4/2.8	2.4/2.8	2.4/2.8
	3.2/3.65	3.2/3.65	3.2/3.65
		3.65/4.1	3.65/4.1
			4.1/4.5
			4.5/4.8 Cortical

Cortical - Drill through cortical plate with the larger diameter



Straight Drilling Sequence

Ø Diameter	Soft bone Type IV	Medium bone Type II&III	Hard bone Type I
Ø 3.75	2.0	2.0	2.0
	2.4/2.8	2.8	2.8
		2.8/3.2	2.8/3.2
			3.65 Cortical
Ø 4.2	2.0	2.0	2.0
	2.8	2.8	2.8
	2.8/3.2	3.2	3.2
		3.2/3.65	3.2/3.65
			4.1 Cortical
Ø 5.0	2.0	2.0	2.0
	2.8	2.8	2.8
	3.2	3.2	3.2
	3.2/3.65	3.65	3.65
		3.65/4.1	4.1
			4.1/4.5
			4.8 Cortical

Cortical - Drill through cortical plate
Step drill can be replaced with straight drill by drilling 3 mm less

For Healing Abutments please refer to page 84.





Prosthetics System Conical Standard Connection (CS)

New
Launch!

The philosophy behind the prosthetic line focuses on soft tissue for enhanced, long-term esthetics through biological design. All products in the line – from healing abutments to impression and final restoration – harmoniously correspond with each other. This approach delivers functionality, esthetics and minimal maintenance.

For CAD/CAM restoration line please see page 92.



CAD/CAM Restoration



Our CAD/CAM line offers a wide range of restoration products, enabling both dentists and laboratories to embrace digitalization to design and manufacture esthetic and durable restorations.

See page 92 >

Cement-Retained Restoration



Our cement-retained restoration line includes straight, angled or casting abutments for customization. Abutments are provided in numerous designs to support all restoration needs: Slim abutments are used in cases with minimum restorative spaces such as maxillary lateral incisors and mandibular anterior teeth. Wide profile abutments provide more flexibility when grinding is required. Esthetic abutments are gold anodized and the straight or angled Titanium abutments are designed for high esthetic results.

See page 84 >

Screw-Retained Restoration



Alpha-Bio Tec's introduces a new line of advanced restorations for conical hex connection implants. The new restorative parts provides a strong and esthetic solution to support various clinical situations from a single tooth, partial or a full edentulous jaw.

See page 86 >

Overdenture Restoration



The AlphaLoc is a simple yet sophisticated system which offers multiple solutions for a wide range of clinical demands and unique situations such as a tight interocclusal space. The AlphaLoc allows for various gingival heights, retentions and angle corrections.


See page 87 >



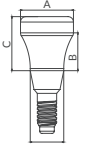


Healing Abutments Ø 4.0 mm

					
Dimensions	A: Ø 4.0 mm B: 1.5 mm C: 3 mm	A: Ø 4.0 mm B: 2.5 mm C: 4 mm	A: Ø 4.0 mm B: 3.5 mm C: 5 mm	A: Ø 4.0 mm B: 4.5 mm C: 6 mm	A: Ø 4.0 mm B: 5.5 mm C: 7 mm
Code	HA-D-4-CH-1.5-CS	HA-D-4-CH-2.5-CS	HA-D-4-CH-3.5-CS	HA-D-4-CH-4.5-CS	HA-D-4-CH-5.5-CS
Ref. No.	3401	3402	3403	3404	3405

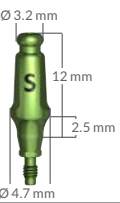
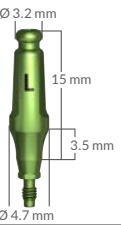
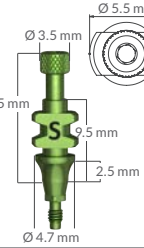
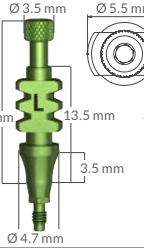


Healing Abutments Ø 4.9 mm

					
Dimensions	A: Ø 4.9 mm B: 1.5 mm C: 3 mm	A: Ø 4.9 mm B: 2.5 mm C: 4 mm	A: Ø 4.9 mm B: 3.5 mm C: 5 mm	A: Ø 4.9 mm B: 4.5 mm C: 6 mm	A: Ø 4.9 mm B: 5.5 mm C: 7 mm
Code	HA-D-4.9-CH-1.5-CS	HA-D-4.9-CH-2.5-CS	HA-D-4.9-CH-3.5-CS	HA-D-4.9-CH-4.5-CS	HA-D-4.9-CH-5.5-CS
Ref. No.	3407	3408	3409	3410	3411

Healing Abutments Ø 6.2 mm

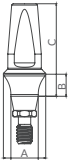
 <p>Implant Platform</p>		
Dimensions	A: Ø 6.2 mm B: 1.5 mm C: 3 mm	A: Ø 6.2 mm B: 2.5 mm C: 4 mm
Code	HA-D-6.2-CH-1.5-CS	HA-D-6.2-CH-2.5-CS
Ref. No.	3412	3413

Impression

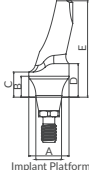


	Short Closed Tray Transfer	Long Closed Tray Transfer	Short Open Tray Transfer	Long Open Tray Transfer	Plastic Transfer - Pickup	Analog
						
Code	SCTT-CS	LCTT-CS	RCTT-CS	RCTTS-CS	HTLASP	IA-CS
Ref. No.	3450	3451	3455	3456	5364	3459

* Use 1.25 mm driver.

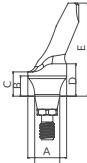


Straight Titanium Abutments

 Implant Platform				
Dimensions	A: Ø 4.8 mm B: 1.5 mm C: 9.5 mm	A: Ø 4.8 mm B: 2.5 mm C: 10.5 mm	A: Ø 4.0 mm B: 3.5 mm C: 5 mm	A: Ø 4.8 mm B: 4.5 mm C: 12.5 mm
Code	TLA-H-1.5-CS	TLA-H-2.5-CS	TLA-H-3.5-CS	TLA-H-4.5-CS
Ref. No.	3501	3502	3503	3504

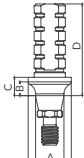


15° Angled Titanium Abutments

 Implant Platform		
Dimensions	A: Ø 4.8 mm B: 1.5 mm C: 2 mm D: 3 mm E: 10.5 mm	A: Ø 4.8 mm B: 2.5 mm C: 3 mm D: 4 mm E: 11.5 mm
Code	TLA-15-H-1.5-CS	TLA-15-H-2.5-CS
Ref. No.	3511	3512

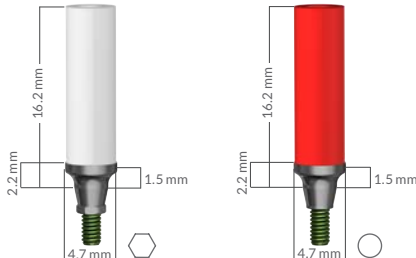
25° Angled Titanium Abutments

		
Implant Platform		
Dimensions	A: Ø 4.8 mm B: 1.5 mm C: 2 mm D: 3 mm E: 10.5 mm	A: Ø 4.8 mm B: 2.5 mm C: 2 mm D: 3 mm E: 11.5 mm
Code	TLA-25-H-1.5-CS	TLA-25-H-2.5-CS
Ref. No.	3514	3515

Temporary Titanium Abutments

 <p>Implant Platform</p>		
Dimensions	A: Ø 4.7 mm B: 1.5 mm C: 2 mm D: 10 mm	A: Ø 4.7 mm B: 1.5 mm C: 2 mm D: 10 mm
Code	TA-AR-CS	TA-R-CS
Ref. No.	3532	3533

CoCr Base Abutments

		
<p>CoCr abutments are made of two bases.</p> <p>Please refer to page 67 for additional casting instructions.</p>		
Code	CoCr-AR-CHCS	CoCr-R-CHCS
Ref. No.	3846	3847

CoCr abutments are made of two bases.
Please refer to page 67 for additional casting instructions.

Multiple Implants Restoration: Alpha Universe Multi-Unit Abutment System

Angled abutments for aligning the prosthetic platform when using tilted implants

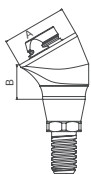






Easy, manually bent, flexible handle for simple insertion and optimal base placement into the implant

Improved design for better soft tissue integration

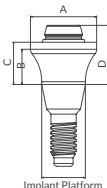



In order to use the new angled One piece screw retain abutments use the new purple top 1.25 mm drivers.

New designed colored insertion tools.
See page 76



	17° Angled Abutments			30° Angled Abutments		
						
Dimensions	A: Ø 4.7 mm B: 1.5 mm	A: Ø 4.7 mm B: 2.5 mm	A: Ø 4.7 mm B: 3.5 mm	A: Ø 4.7 mm B: 1.5 mm	A: Ø 4.7 mm B: 2.5 mm	A: Ø 4.7 mm B: 3.5 mm
Code	AU-17-1.5-CS	AU-17-2.5-CS	AU-17-3.5-CS	AU-30-1.5-CS	AU-30-2.5-CS	AU-30-3.5-CS
Ref. No.	3862	3863	3864	3867	3868	3869

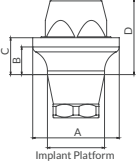



* Use 1.25 mm driver @30Ncm.

Straight Abutments			
For restoration of up to 30° diversion between implants			
 Implant Platform			
Dimensions	A: Ø 4.7 mm B: 0.5 mm C: 0.75 mm D: 1.9 mm	A: Ø 4.7 mm B: 1.5 mm C: 2 mm D: 3.2 mm	A: Ø 4.7 mm B: 2.5 mm C: 3 mm D: 4.2 mm
Code	TCT-0.75-CS	TCT-1.5-CS	TCT-2.5-CS
Ref. No.	3870	3871	3872
Instructions	Supra structure on top of the abutments remains the same and can be used with Alpha Universe products, except of AR products. See page 52. Use 1.5 mm driver @30Ncm.		



For digital restoration process with straight abutments, use rotational scan body 3883.

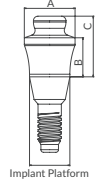




Single Implant Restoration

Straight Abutments			
			
			
	Dimensions A: Ø 4.7 mm B: 0.5 mm C: 0.75 mm D: 2.8 mm	Dimensions A: Ø 4.7 mm B: 1.5 mm C: 2 mm D: 4.1 mm	Dimensions A: Ø 4.7 mm B: 2.5 mm C: 3 mm D: 5.1 mm
	Code HBC-H-0.75-CS	Code HBC-H-1.5-CS	Code HBC-H-2.5-CS
Ref. No.	3876	3877	3878

Note: Abutments are supplied with a screw and a plastic burnout sleeve.

* Use 1.25 mm driver @30Ncm.

Overdenture Restoration

AlphaLoc Straight Abutments				
				
				
	Dimensions A: Ø 3.1 mm B: 0.75 mm C: 2.4 mm	Dimensions A: Ø 3.9 mm B: 2 mm C: 3.7 mm	Dimensions A: Ø 3.9 mm B: 3 mm C: 4.7 mm	Dimensions A: Ø 3.9 mm B: 4 mm C: 5.7 mm
	Code AA-0.75 - CS	Code AA-1.5 - CS	Code AA-2.5 - CS	Code AA-3.5 - CS
Ref. No.	3710	3711	3712	3713

Abutments are supplied in a kit including: 1 attachment of the given height, 1 stainless steel metal housing, 4 retentive caps, 1 protective disc and 1 laboratory cap (refer to page 72 in the catalog).

* Use 1.25 mm driver @30Ncm.





Digital Enablers

Bringing 3 decades of excellence and 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 accurate transfer of implant position, trajectory and orientation to the CAD system. Peek body and titanium base for accurate, long lasting use.

The scan bodies are biocompatible and autoclavable.

Titanium Bases

Used as abutments for digital restorations at implant level with Alpha-Bio Tec original implant connection.

Parts available in a range of gingival heights, regular, wide or angled shape.

Adhesive Copings

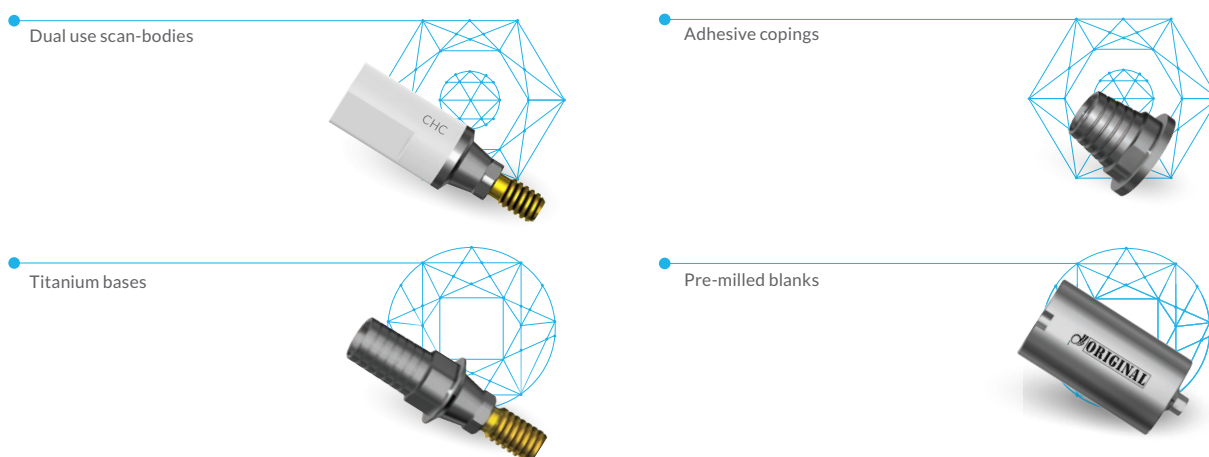
Adhesive copings are used as adapters for screw retained zirconium restorations at abutment level - multi-unit angled and straight abutments for bridges as well as single restorations. (TCT-N connection). Zirconia restorations may not withstand the screw forces, thus for cases where there is no plan for a metal frame, the adhesive coping is indicated.

Pre-milled Blanks Are used as a 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 design and manufacturing of your restorations and support all Alpha-Bio Tec. implant platforms.

All products are available and supported by leading CAD/CAM systems.

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

AMANN GIRRBACH

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Internal Hex Connection

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







Dual Use Scan Body
Height 10 mm

SB-IH
5019

Standard abutment screw included.
Use standard driver - 4052

Ti Bases					Ti Bases - Wide	
 Implant platform	Engaged (single tooth)		Non Engaged (bridges/bars)		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: 4 mm C: 6.5 mm D: 0.6 mm	A: Ø4.5 mm B: 4 mm C: 6.5 mm D: 0.7 mm	A: Ø4.5 mm B: 5 mm C: 5.7 mm D: 0.7 mm	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	CCTB	CCTB-2.5	CCTB-R-2.5	CCTB-R	WCCTB	WCCTB-R
Ref. No.	5024	4951	4952	5025	5007	5008

Ti Base - Angled		Pre-milled blanks			
 Implant platform	Engaged (single tooth)	 Implant platform		 Implant platform	
Dimensions	A: Ø4.5 mm B: 5 mm C: 5.5 mm D: 0.6 mm	A: Ø11.5 mm B: 20.2 mm	A: Ø11.5 mm B: 20.2 mm	A: Ø15.8 mm B: 20.25 mm C: 15.25 mm D: Ø11.5 mm	A: Ø15.8 mm B: 20.25 mm C: 15.25 mm D: Ø11.5 mm
Code	ACCTB	BA-PF-IH	BA-PF-IH	WBA-PF-IH	WBA-PF-IH
Ref. No.	5005	4988	4988	4989	4989

Screws		Analog		
				
Code	STLAS	STLAT	IA	AN-PM
Ref. No.	5122	5121	5080	4995
Instructions	Standard abutment screw (included in package)	For lab use (optional)		For printed models



Conical Hex Connection

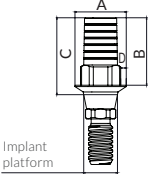
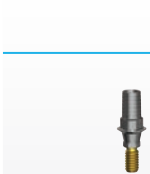
SUPPORTED IMPLANTS: NeO (Ø3.5, Ø3.2), NICE

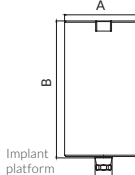
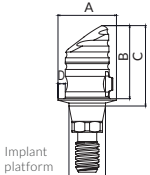






Dual Use Scan Body
Height 10 mm

SB-CHC
5021

For lab use and intra-oral

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: Ø3.8 mm B: 4 mm C: 6.5 mm D: 0.42 mm	A: Ø3.6 mm B: 5 mm C: 5.7 mm D: 0.5 mm	A: Ø3.8 mm B: 4 mm C: 6.5 mm D: 0.5 mm
Code	CCTB-CHC	CCTB-CHC-2.5	CCTB-CHC-R	CCTB-CHC-R-2.5
Ref. No.	5026	4953	5027	4954

Ti Base - Angled		Pre-milled blanks	
	Engaged (single tooth)		
			
Dimensions	A: Ø4 mm B: 5 mm C: 5.5 mm D: 0.5 mm	A: Ø11.5 mm B: 20.2 mm	
Code	ACCTB	BA-PF-CHC	
Ref. No.	5006	4990	

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



Conical Standard Connection

SUPPORTED IMPLANTS: NeO (Ø3.75, Ø4.2, Ø5.0)



Dual Use Scan Body
Height 10 mm

IOSB-CS
3837

Standard abutment screw included.
Use standard driver - 4052

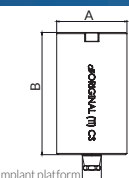

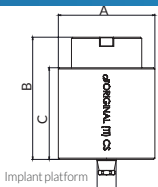

Ti Bases - Engaged (Single tooth)

 Implant platform									
	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: 0.53 mm			A: Ø4.7 mm B: 4 mm C: 6.62 mm D: 0.5 mm		
	Code TB_0.75_AR_CS			Code TB_1.5_AR_CS			Code TB_2.5_AR_CS		
	Ref. No. 3832			Ref. No. 3840			Ref. No. 3842		

Ti Bases - Non Engaged (For bridge/bar)

 Implant platform									
	A: Ø4.7 mm B: 4 mm C: 4.87 mm D: 0.53 mm			A: Ø4.7 mm B: 4 mm C: 5.62 mm D: 0.53 mm			A: Ø4.7 mm B: 4 mm C: 6.62 mm D: 0.53 mm		
	Code TB_0.75_R_CS			Code TB_1.5_R_CS			Code TB_2.5_R_CS		
	Ref. No. 3833			Ref. No. 3841			Ref. No. 3843		

Pre-milled Blanks

 <p>Implant platform</p>		 <p>Implant platform</p>	
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



Conical Standard Connection




SUPPORTED IMPLANTS: NeO (Ø3.75, Ø4.2, Ø5.0)



Dual Use Scan Body
Height 10 mm

IOSB-CS
3837

Standard abutment screw included.
Use standard driver - 4052

	Screw	Analog	
			
Code	STLA-CS	IA-CS	AN-PM-CS
Ref. No.	3510	3459	3838
Instructions	Abutment screw CS (included in package)		For printed models



TCT-N For Multi-Unit Abutments

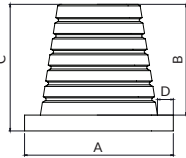


SUPPORTED IMPLANTS: NeO, SPI, ICE, DFI, ATID, NICE




Dual Use Scan Body
Height 7 mm

IOSB-TCT-N
5003

Standard abutment screw included.
Use standard driver - 4052

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

	Screws			Analog
				
Code	SF-N	SFT-N	S-DM-SR	BTT-N
Ref. No.	6092	6093	4994	5211
Instructions	Clinical-Silver (included in package). standard multiunit TCT-N screw	Lab use multiunit TCT-N screw	For direct mounting	Suitable for TCT-N and TCT-N-R. Also for printed model

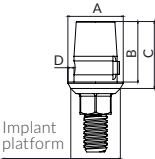

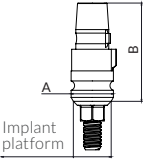



Sirona Compatible

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



Internal Hex (IH) Connection Platform

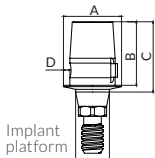

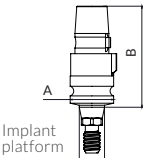


SUPPORTED IMPLANTS: NeO, SPI, ICE, DFI, ATID

Ti Base		Scan Post		Screws	
					
	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		Code CCSP-IH-SI	STLAS	STLAT
	Ref. No. 4980		Ref. No. 4984	5122	5121
	Instructions For scan and/or restoration use		For scanning purpose only	Standard abutment screw (included in package)	For lab use (optional)



Conical Hex (CHC) Connection Platform

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

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

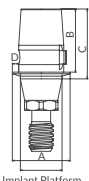
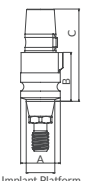



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For more information please refer to our website.

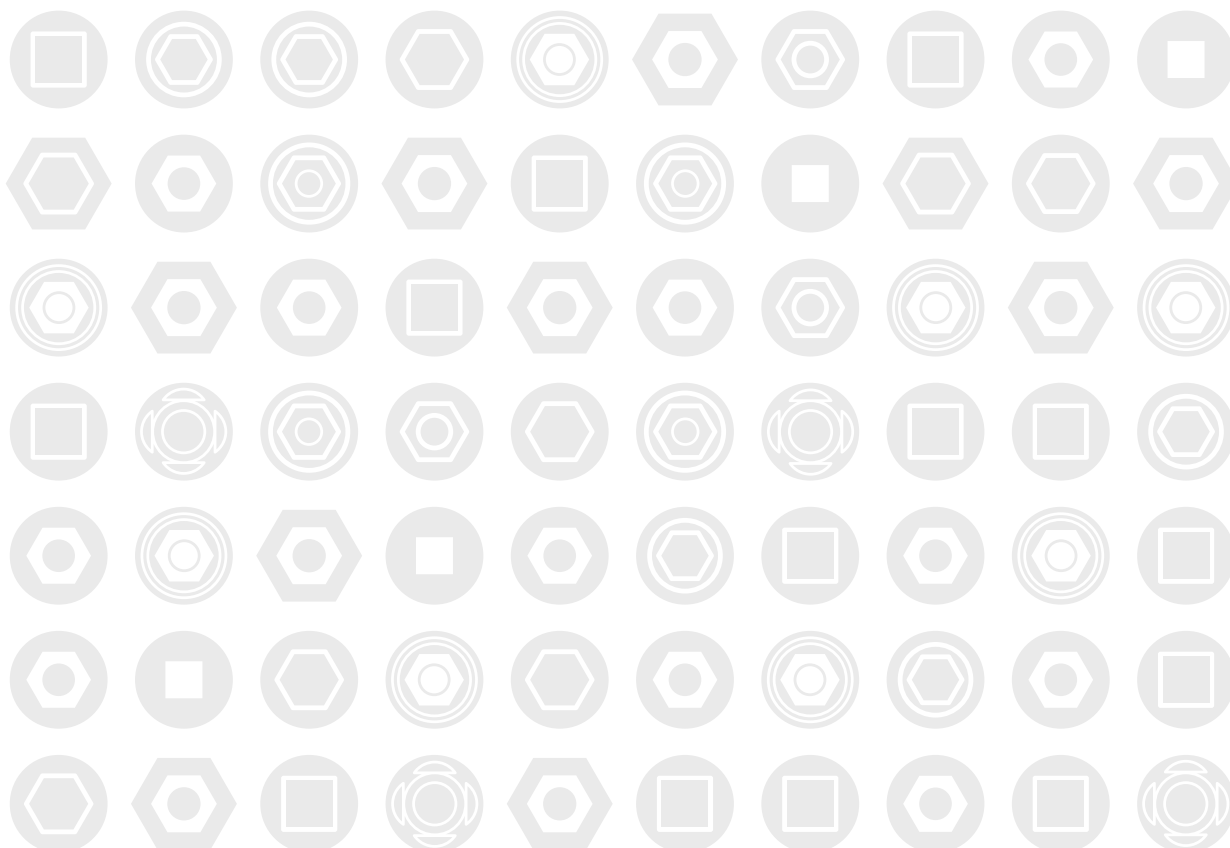


Conical Standard (CS) Connection

SUPPORTED IMPLANTS: NeO (Ø3.75, Ø4.2, Ø5.0)

	Ti Base	Scan Post	Screw
			
			
Dimensions	A: Ø 4.3 mm B: 4.7 mm C: 5.2 mm D: 0.48 mm	Dimensions A: Ø 4.3 mm B: 5.3 mm C: 10 mm	
Code	CSTB-CS-SI	Code CSSP-CS-SI	STLA-CS
Ref. No.	3856	Ref. No. 3857	3510
Instructions	For scan and/or restoration use	For scanning purpose only	Abutment screw CS (included in package)

* Use 1.25 mm driver @30Ncm.





Biomaterials

A Growing Success

With 3 decades of experience in implantology, Alpha-Bio Tec's has assembled one of the most efficient and comprehensive biomaterials product lines available today. Alpha-Bio Tec's Graft brand allows customers to benefit from the finest combination of quality and value by providing excellent solutions for a wide variety of dental procedures.





Bioactive Bone

Bovine

An advanced Xenograft based on Bovine bone which has been specially developed for bone regeneration procedures in reconstructive surgery.



T-Gen

Collagen Membrane

A reliable biodegradable barrier for a wide range of osseous regenerative indications.

Human Bone Substitutes

Allograft

Allograft allows the widest autonomy for both patient and dentist. Osteoconductive or both osteoconductive and osteoinductive products with diverse regeneration profiles permit convenient selection of implant insertion time.



Bioactive Bone*

An advanced Xenograft based on Bovine bone. This line has been specially developed for bone regeneration procedures in reconstructive surgery. The combination of bovine bone matrix, bioactive resorbable polymers and cell nutrients, provides the bioactivity to the Alpha Bio'S Graft Bone. This composition promotes the growth of natural patient cells into the Bioactive Bone, which results in perfect osteogenesis.



Granules Size	0.25 - 1 mm			
Weight	0.25 g	0.5 g	1 g	2 g
Ref. No.	3274	3275	3276	3277
Code	BAB - S0.25	BAB - S0.5	BAB - S1.0	BAB - S2.0

Granules Size	1.0 - 2.0 mm		
Weight	0.5 g	1 g	2 g
Ref. No.	3279	3280	3281
Code	BAB - L0.5	BAB - L1.0	BAB - L2.0

* Available in selected countries.

Resorbable Membrane*

T-Gen Collagen Membrane

T-Gen Collagen Membrane is a reliable biodegradable barrier for a wide range of osseous regenerative indications. It is used during Guided Bone Regeneration (GBR) and Guided Tissue Regeneration (GTR) procedures as a biodegradable barrier.



Size	15x20mm	20X30mm	30X40mm
Ref. No.	TG-1	TG-2	TG-3
Code	TG-1	TG-2	TG-3

* Available in selected countries.

Allograft*

CorticoCancellous Granules* (FDBA – Freeze Dried Bone Allograft)

Alpha-Bio's GRAFT Corticocancellous Granules combines freeze dried cortical and cancellous bone. The combination of cortical and cancellous bone provides the variety of characteristics required to enable high quality, new vital bone formation. In addition to the excellent integration, this product offers ideal regeneration as it allows unification of the resorption and regeneration curves. Further, it has high osteoconductive abilities and provides a scaffold for new bone growth, allowing for a first-rate fitting for the widest range of procedures among all allograft products currently available on the market.

Granules Size	Large (0.5-1mm)	
Volume	2cc	5cc
Units	1 vial	1 vial
Ref. No.	3254	3258

* Available in selected countries.



Products List & Ref. No.



Product List and Ref. No.

Reference Number	Code	Product Description	Page No.
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110	HS5	Healing Abutment L5.0mm	30
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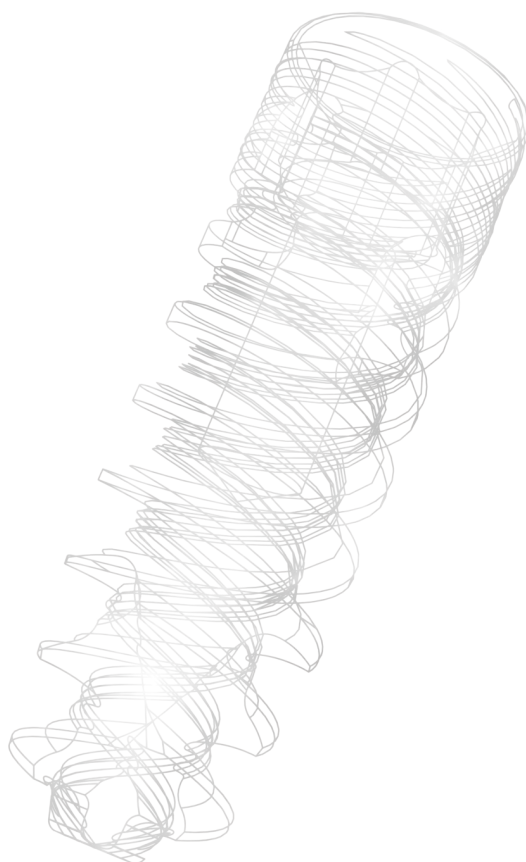
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