



Product Catalog
Simplantology, In Everything We Do!

2017

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Conical Hex Connection Platform

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Simplantology, 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 Simplantology: 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 implants based on two connections - an internal hex connection and a conical hex connection. Created on a "one-platform-fits-all" prosthetic system, they allow dentists to use a single restoration line for each implant connection. Furthermore, the development of all our products - implants, abutments and surgical tools - takes existing systems into account in order to simplify work and minimize customer learning curves. Consequently, our surgical kit is compatible with all products and includes everything from basic surgical instrumentation to advanced therapy tools. And in addition to simplifying work processes, our products have an overall implant clinical success rate of 99.6%*.

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 focused on the development and manufacture 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.

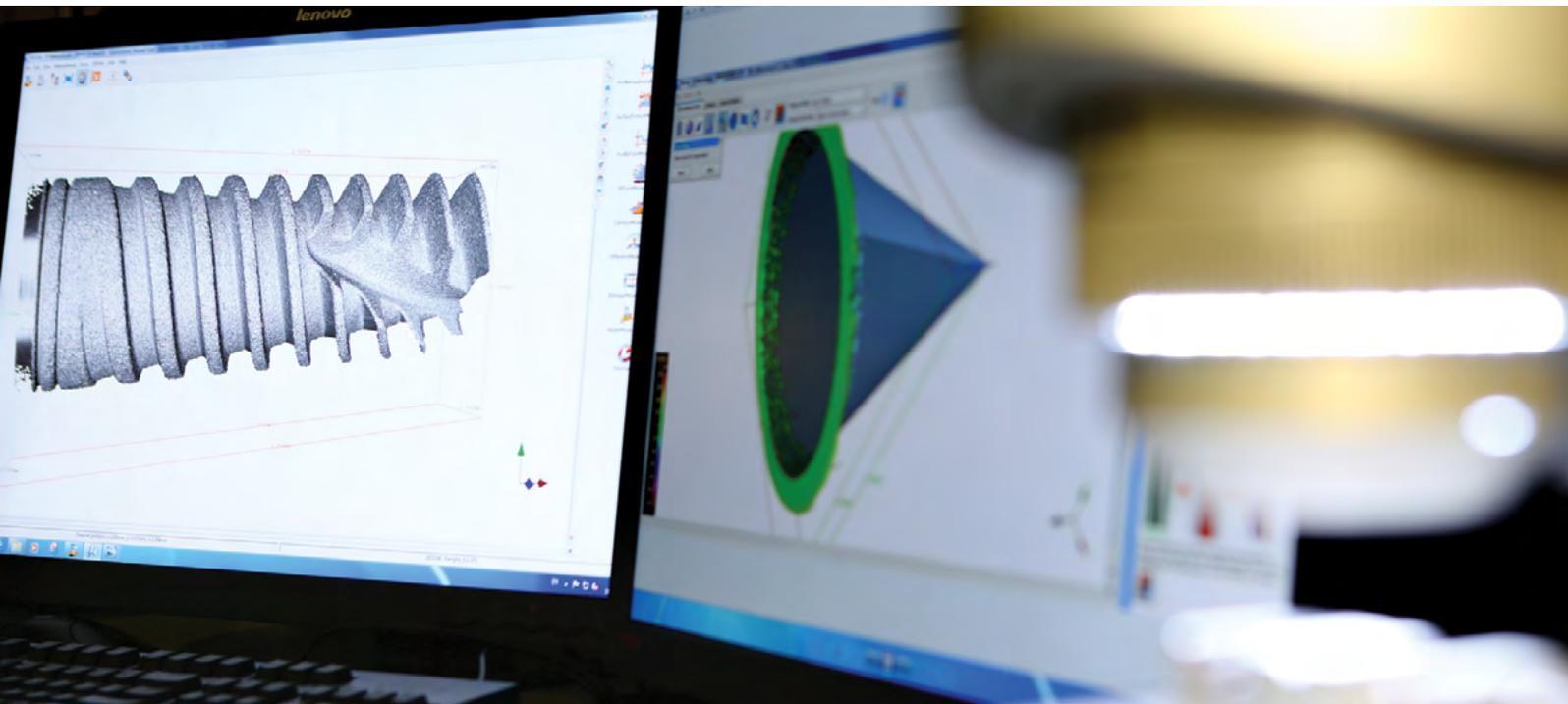
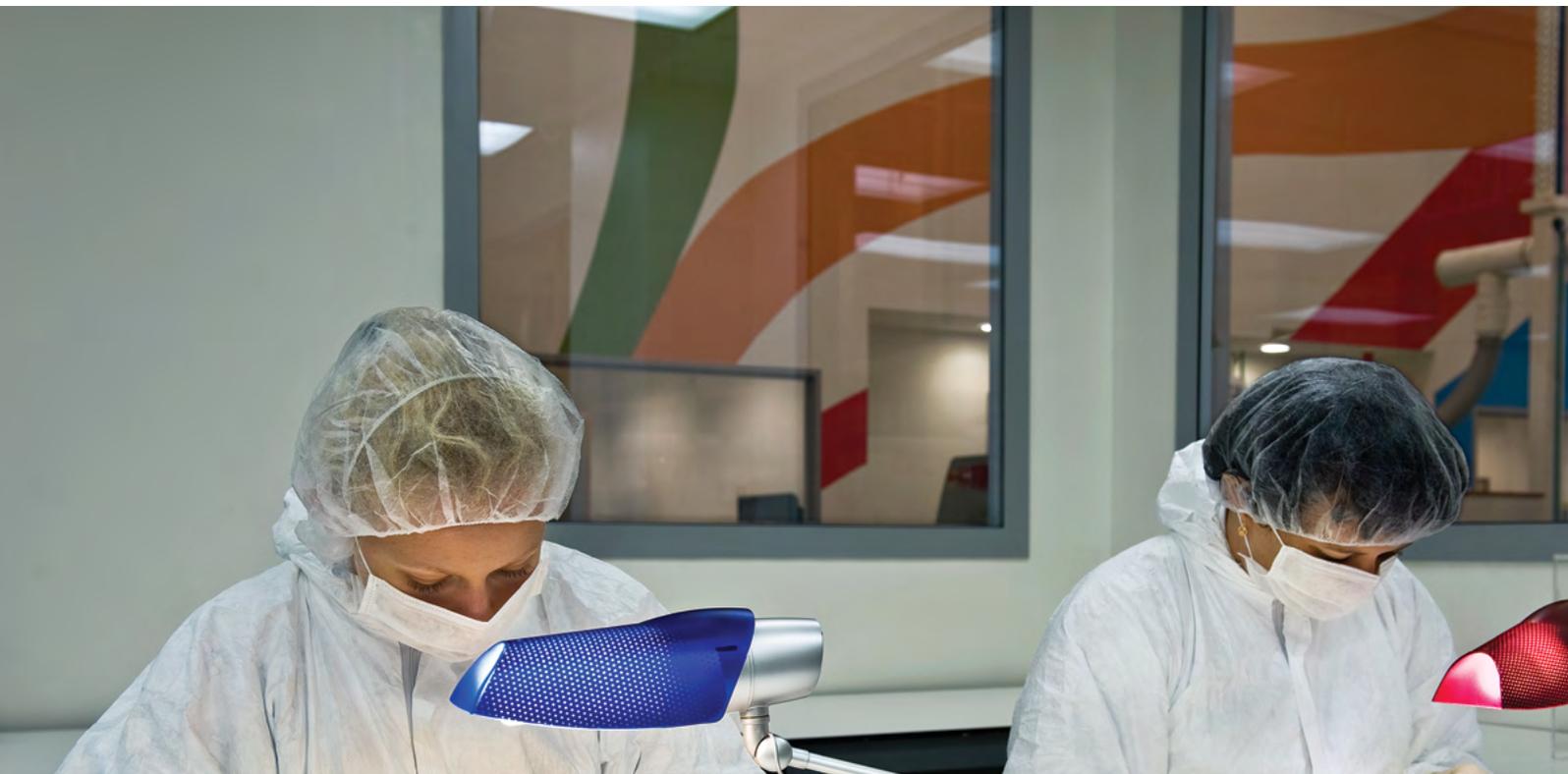
WE TRAIN AND EDUCATE OUR CUSTOMERS

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 to be as professional and educated as possible 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 two 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.



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 have two connections: the traditional internal hex connection and the newly developed Conical Hex Connection. In addition Alpha-Bio Tec. holds a narrow alveolar solution - Arrow implant system. 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.



*Sources:

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.

Artzi Z., Kohen J., Carmeli G., Karmon B., Lor A., Ormaianer Z. The efficacy of full-arch immediately restored implant-supported reconstructions in extraction and healed sites: a 36-month retrospective evaluation. JOMI The international Journal of Oral and Maxillofacial Implants 2010, V 25, 2: 329-335.



Prosthetics

For each of our implant connections we offer a wide range of options for any clinical need, including fixed and removable restorations, 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.



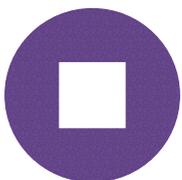
Surgical Instrumentation

Our universal surgical kit is another evident 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 Solutions

Alpha-Bio Tec offers the digital line with a wide range of restoration products for both 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 easier and simpler.



Biomaterials

Alpha Bio's Graft includes a biomaterials product line which provides ultimate answer for the daily dentist 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

NANO TEC™
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 implants are made of **Titanium alloy Ti 6Al 4V ELI**. It is strong, durable and highly biocompatible material. Years of intense research and development lead Alpha-Bio Tec 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.

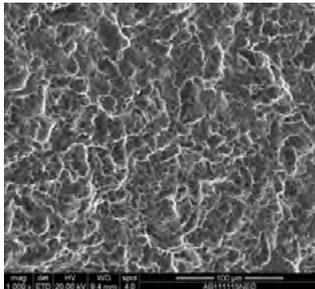
The micro-structure and roughness properties of the implant surface created by the sandblasting and double acid etching process, greatly influence the initial contact with the host.

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

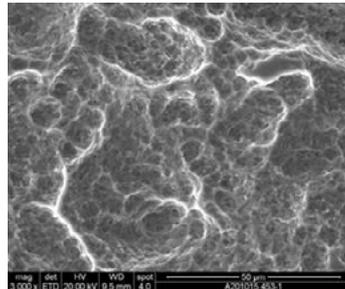
NanoTec™ implant surface process advantages:

- 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

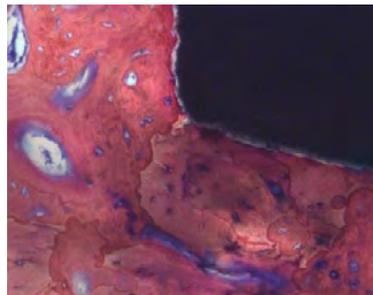
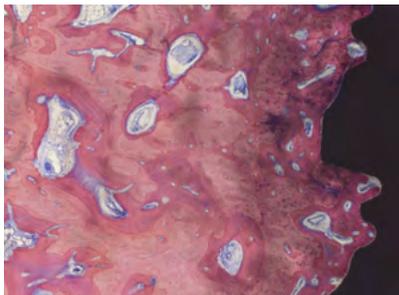


Magnification: X 1000



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.

Multi-function Implant Package

The Multi-function Implant Package is based on extensive research and development. It's features make the work of dental professionals simpler, cost-and time-effective. The Multi-function Implant Package allows doctors to choose their preferred way of initial implant insertion: tool/motor mounted or manual.

Key package benefits:

- **Various implant insertion methods** – The implant can be removed from the package and initially inserted using a motor mount, ratchet wrench, surgical screwdriver or manually.
- **Simplicity and ease-of-use** – The package is opened easily, allowing comfortable access to the implant and the cover screw.
- **Functionality** – All the necessary details are clearly marked both on the patient label and on a round label at the bottom of the vial. Both labels are clearly visible.
- **Transparency** – The new package is a transparent blister with a transparent vial for optimal visibility of the implant.
- **Sterilization** – a double pack ensures the implant stays completely sterilized and secured.



Internal Hex PACK*



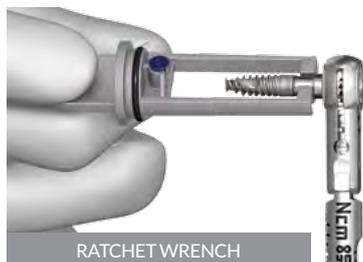
Implant can be removed from the plastic holder and inserted into the bone in your method of choice:



MANUALLY



SURGICAL TOOL MOUNT



RATCHET WRENCH



SURGICAL SCREWDRIVER

* Excluding NeO

Surgical Kits & Drills for all Implant Systems



Internal Hex Connection (IH)



Conical Hex Connection (CHC)



Surgical Kits

One kit for all implant systems.



Extensive Drill line

A complete line of coated straight drills, step drills and standard stainless drills.



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 silicon 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. 4613

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

MINI KIT BOX

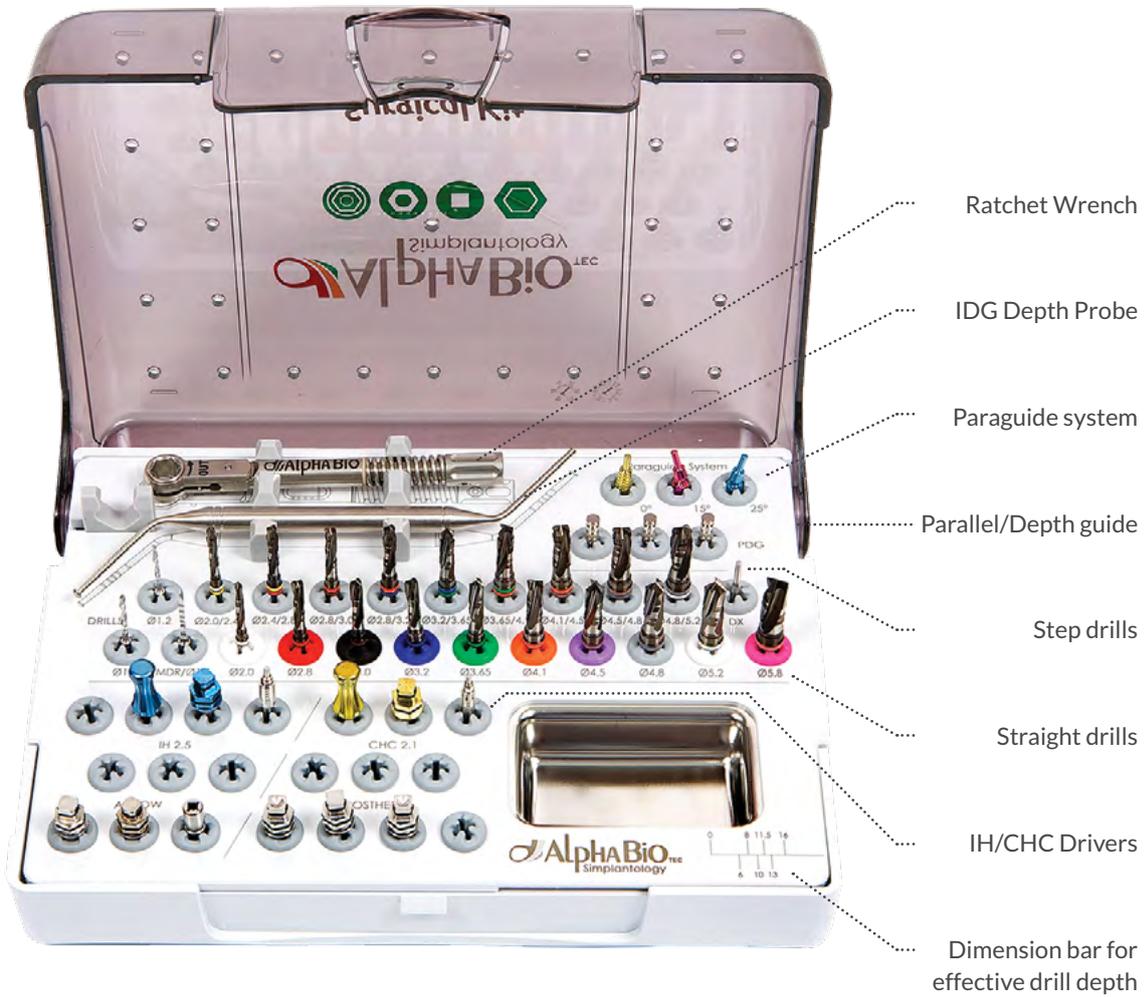
A light and compact design for your individual needs.

- 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.



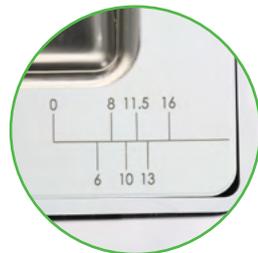
One kit for all implants



Single hand opening option



Coated drills

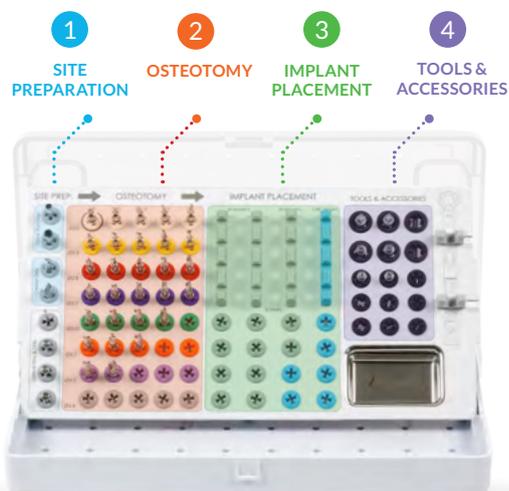


Dimension bar for effective drill depth

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)
				
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)

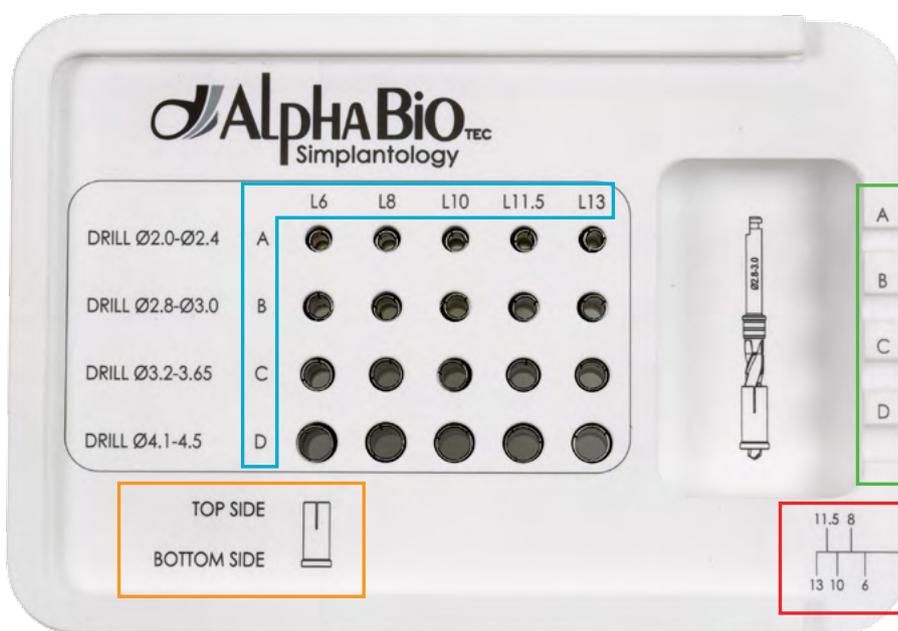
Enables full surgery performance, from fixation of the guide to implant placement for all Alpha-Bio Tec implant diameters.

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

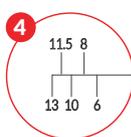


ORDERING INFORMATION:
REF. NO. 4612

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



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

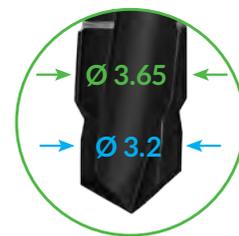
COATED STRAIGHT DRILLS

- 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		Yellow	Red	Brown	Blue	Green	Orange	Purple	Grey		Pink

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	Yellow	Red	Brown	Blue	Green	Orange	Purple	Grey	

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

Standard Drills

	Ø 2.0	Ø 2.5	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
16 mm											
13 mm											
11.5 mm											
10 mm											
8 mm											
6 mm											
0 mm											
Code	DRX2.0	DRX2.5	DRX2.8	DRX3.0	DRX3.2	DRX3.65	DRX4.1	DRX4.5	DRX4.8	DRX5.2	DRX5.8
Ref. No.	4204	4244	4284	4306	4324	4654	4675	4676	4677	4684	4686
Color Coding		Yellow	Red	Brown	Blue	Green	Orange	Purple	Grey		Pink

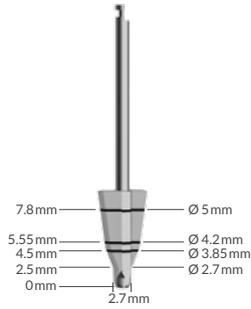
Short Drills

	Ø 2.0	Ø 2.8	Ø 3.2	Ø 3.65	Ø 4.1	Ø 4.5	Ø 4.8	Ø 5.2	Ø 5.8
11.5 mm									
10 mm									
8 mm									
6 mm									
0 mm									
Code	HDRX2.0	HDRX2.8	HDRX3.2	HDRX3.65	HDRX4.1	HDRX4.5	HDRX4.8	HDRX5.2	HDRX5.8
Ref. No.	4205	4285	4325	4655	4687	4688	4689	4685	4690
Color Coding		Red	Blue	Green	Orange	Purple	Grey		Pink

Surgical Drills and Trephines

Other Drills (Stainless Steel)

	Countersink	Drill Extension	Marking Drill
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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)

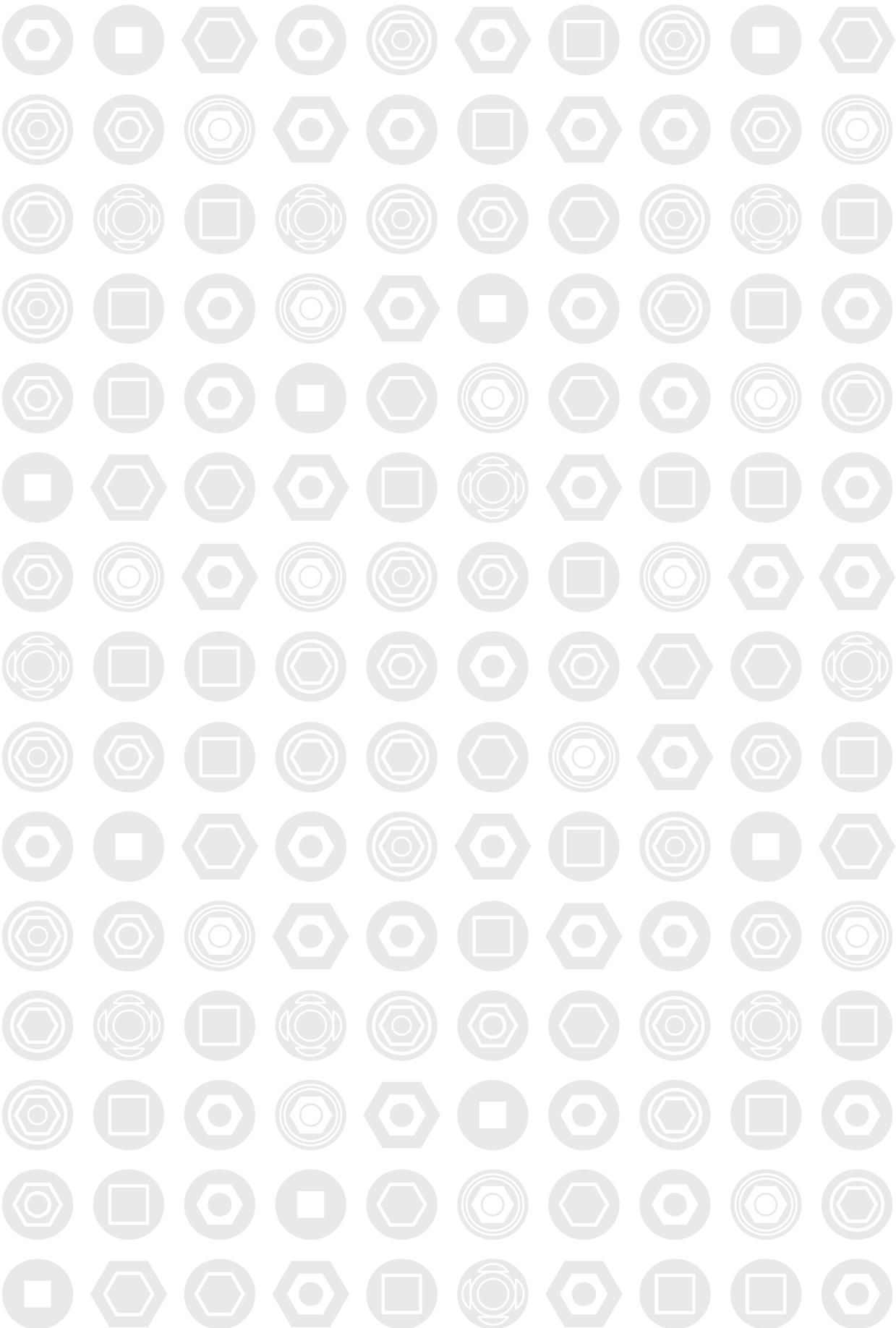


Diameter	2.3 mm	3 mm	4 mm
Code	RB2.3	RB3	RB4
Ref. No.	4303	4304	4305
Instructions	For various bone manipulations, such as penetration of the cortical plate of the alveolar crest		

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 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 stabilized and controlled during placement • Long-term stability • Large surface area
Recommended bone type	I & II

ATID

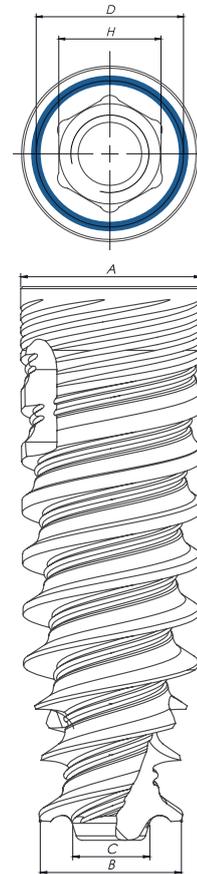


Conventional	
Why ATID	Conventional cylindrical implant for maximum results
Unique design feature	<ul style="list-style-type: none"> • Cylindrical • Parallel walls • Multi-format threads • Greatest surface area
Unique clinical benefits	<ul style="list-style-type: none"> • Increase BIC • Minimal pressure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

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	Ø 2.5
	10 mm	1160	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.5	Ø 2.5
	11.5 mm	1161	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.5	Ø 2.5
	13 mm	1163	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.5	Ø 2.5
	16 mm	1166	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.5	Ø 2.5
Ø 4.2	8 mm	1178	Ø 4.2	Ø 3.55	Ø 1.8	Ø 3.5	Ø 2.5
	10 mm	1170	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.5	Ø 2.5
	11.5 mm	1171	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.5	Ø 2.5
	13 mm	1173	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.5	Ø 2.5
	16 mm	1176	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.5	Ø 2.5
Ø 5.0	8 mm	1188	Ø 5.0	Ø 4.4	Ø 2.6	Ø 3.5	Ø 2.5
	10 mm	1180	Ø 5.0	Ø 4.1	Ø 2.3	Ø 3.5	Ø 2.5
	11.5 mm	1181	Ø 5.0	Ø 4.1	Ø 2.3	Ø 3.5	Ø 2.5
	13 mm	1183	Ø 5.0	Ø 4.1	Ø 2.3	Ø 3.5	Ø 2.5



Implant System

Package

A modern, easy to use and ergonomic package, designed for maximum comfort.



Drivers

New and advanced grip drivers for maximum confidence along with modern design





Color coded holder

Holders are color coded for easy identification of implants length



Identification labels

Labels indicates implant's type, length and diameter



PATENT PENDING



Stack several packages together

The new package features a unique design that enables stacking several packages together for maximum storage efficiency and organization.



1

Tear the cardboard



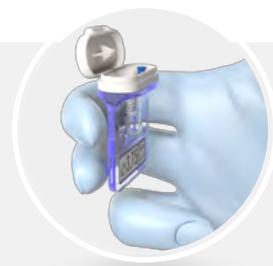
2

Pull the Tyvek



3

Remove the inner holder



4

Open the cap - easy one hand operation



5

Insert preferred driver in a continuously clockwise turn until hex is found

(Wrench is for illustration only)



6

Implant is now securely connected to driver and can be easily removed from package. Verify there is no gap between driver and implant.



7

Implant can be inserted directly to site



8

Easily remove cover screw by using appropriate prosthetic driver

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	2.0	2.0
	2.4/2.8	2.4/2.8 2.8/3.2	2.4/2.8 2.8/3.2 3.2/3.65 Cortical*
Ø 4.2	2.0	2.0	2.0
	2.4/2.8 2.8/3.2	2.4/2.8 3.2/3.65	2.4/2.8 3.2/3.65 3.65/4.1 Cortical*
Ø 5.0	2.0	2.0	2.0
	2.4/2.8 3.2/3.65	2.4/2.8 3.2/3.65 3.65/4.1	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

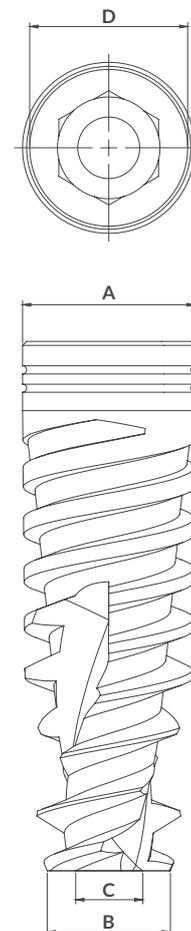
Ø Diameter	Soft bone Type IV	Medium bone Type II&III	Hard bone Type I
Ø 3.75	2.0	2.0	2.0
	2.4/2.8	2.8 2.8/3.2	2.8 2.8/3.2 3.65 cortical *
Ø 4.2	2.0	2.0	2.0
	2.8 2.8/3.2	2.8 3.2 3.2/3.65	2.8 3.2 3.2/3.65 4.1 cortical *
Ø 5.0	2.0	2.0	2.0
	2.8 3.2 3.2/3.65	2.8 3.2 3.65 3.65/4.1	2.8 3.2 3.65 4.1 4.1/4.5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

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



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

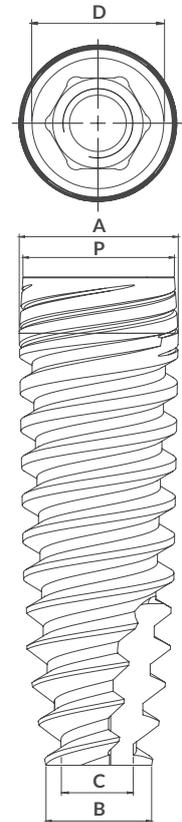
Ø Diameter	Soft bone Type IV	Medium bone Type II&III	Hard bone Type I
Ø 3.3		2.0	2.0
			2.8
Ø 3.75		2.0	2.0
		2.8	2.8
			3.2
			3.65 Cortical*
			4.1 Cortical*
Ø 4.2		2.0	2.0
		2.8	2.8
		3.2	3.2
			3.65
			4.1 Cortical*
Ø 5.0		2.0	2.0
		2.8	2.8
		3.2	3.2
		3.65	3.65
			4.1
Ø 6.0		2.0	2.0
		2.8	2.8
		3.2	3.2
		3.65	3.65
		4.1	4.1
		4.8	4.8
			5.2
	5.8 Cortical*		

* Cortical – Drill through cortical plate



dICE™ 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.



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	2.0
	2.0/2.4	2.4/2.8 2.8/3.2	2.4/2.8 2.8/3.2 3.2/3.65 Cortical*
Ø 3.75	2.0	2.0	2.0
	2.4/2.8	2.4/2.8 2.8/3.2	2.4/2.8 2.8/3.2 3.2/3.65 Cortical*
Ø 4.2	2.0	2.0	2.0
	2.4/2.8 2.8/3.2	2.4/2.8 3.2/3.65	2.4/2.8 3.2/3.65 3.65/4.1 Cortical*
Ø 4.65	2.0	2.0	2.0
	2.4/2.8 3.2/3.65	2.4/2.8 3.2/3.65 3.65/4.1	2.4/2.8 3.2/3.65 3.65/4.1 4.1/4.5 Cortical*
Ø 5.3	2.0	2.0	2.0
	2.4/2.8 3.2/3.65 3.65/4.1	2.4/2.8 3.2/3.65 3.65/4.1 4.5/4.8	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	2.0	2.0
	2.4*	2.8 3.2*	2.8 3.2* 3.65 Cortical**
Ø 3.75	2.0	2.0	2.0
	2.4 2.8*	2.8 3.2*	2.8 3.2* 3.65 Cortical**
Ø 4.2	2.0	2.0	2.0
	2.8 3.2*	2.8 3.2 3.65*	2.8 3.2 3.65* 4.1 Cortical**
Ø 4.65	2.0	2.0	2.0
	2.8 3.2 3.65*	2.8 3.2 3.65 4.1*	2.8 3.2 3.65 4.1* 4.5 Cortical**
Ø 5.3	2.0	2.0	2.0
	2.8 3.2 3.65 4.1*	2.8 3.2 3.65 4.1 4.5 4.8*	2.8 3.2 3.65 4.1 4.5 4.8* 5.2 Cortical**

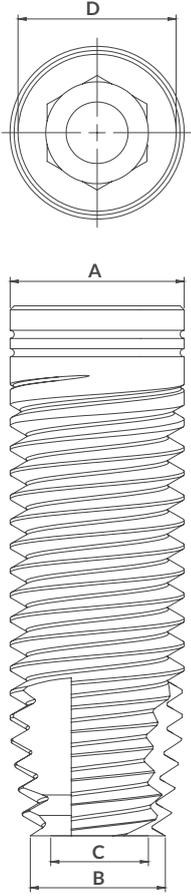
* 3mm shorter than implant's length. Note that drill can be replaced by corresponding step drill, throughout entire implant's length. see step protocol

** Cortical – Drill through cortical plate



ATID 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
	16 mm	1416	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
	16 mm	1426	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
	16 mm	1436	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
 Ø 6	6 mm	1456	Ø 5.95	Ø 5.05	Ø 3.8	Ø 3.5
	8 mm	1458	Ø 5.95	Ø 5.05	Ø 3.8	Ø 3.5
	10 mm	1450	Ø 5.95	Ø 5.05	Ø 4.15	Ø 3.5
	11.5 mm	1451	Ø 5.95	Ø 5.05	Ø 4.15	Ø 3.5
	13 mm	1453	Ø 5.95	Ø 5.05	Ø 4.15	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

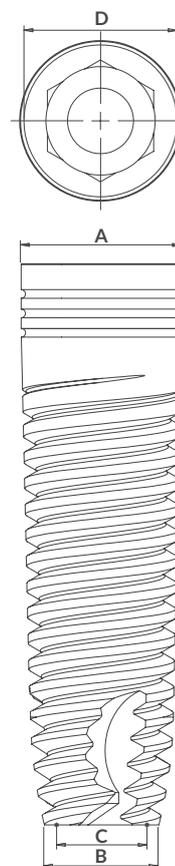
Ø Diameter	Soft bone - Type IV	Medium bone - Type II&III	Hard bone - Type I
Ø 3.3	2.0	2.0	2.0
	2.8	2.8	2.8
Ø 3.75	3.2 Cortical	3.2	3.2
			3.65 Cortical*
			2.0
			2.8
Ø 4.2	3.2	3.2	3.2
	3.65 Cortical	3.65	3.65
			4.1 Cortical*
			2.0
			2.8
Ø 5.0	3.2	3.2	3.2
	3.65	3.65	3.65
	4.1	4.1	4.1
	4.5 Cortical	4.5	4.5
			4.8 Cortical*
			2.0
Ø 6.0	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
	4.8	4.8	4.8
	5.2 Cortical	5.2	5.2
			5.8 Cortical*



* Cortical - Drill through cortical plate.

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
	16 mm	1286	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
	16 mm	1266	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
	16 mm	1276	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
	16 mm	1296	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	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 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 4.1 Cortical*
Ø 5.0	2.0	2.0	2.0
	2.8	2.8	2.8
	3.2	3.2	3.2
	3.65	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



Healing Abutments

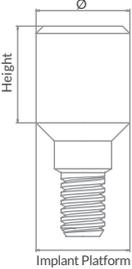
Wide range of narrow, standard and wide healing abutments.

- 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.



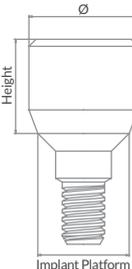
Slim (Titanium)

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)

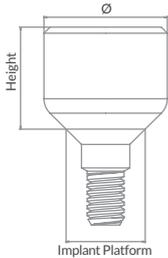
Suitable for all implant diameters

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

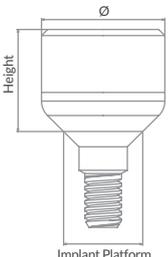


COVER SCREW

CST implant cover screw (Titanium). Included with all Internal Hex implants.
Ref. No. 111



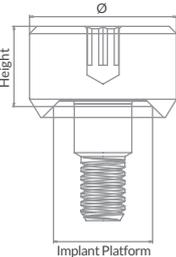
	Healing Abutments Ø 5 mm		Healing Abutments Ø 5.5 mm	
				
Dimensions	D: Ø 5 mm H: 3 mm	D: Ø 5 mm H: 5 mm	D: Ø 5.5 mm H: 3 mm	D: Ø 5.5 mm H: 5 mm
Code	HS5-3	HS5-5	HS5.5-3	HS5.5-5
Ref. No.	124	125	126	127



	Healing Abutments Ø 6 mm		Healing Abutments Ø 7 mm		Healing Abutments Ø 7.8 mm	
						
Dimensions	D: Ø 6 mm H: 3 mm	D: Ø 6 mm H: 5 mm	D: Ø 7 mm H: 3 mm	D: Ø 7 mm H: 5 mm	D: Ø 7.8 mm H: 3 mm	D: Ø 7.8 mm H: 5 mm
Code	HS6-3	HS6-5	HS7-3	HS7-5	HS8-3	HS8-5
Ref. No.	128	129	130	131	132	133

Wide (Titanium)

Wide abutments are especially designed to create a full emergence profile. Suitable for Ø 5 mm and Ø 6 mm implants (excluding I.C.E and NeO).



	Healing Abutments Ø 6 mm		Healing Abutments Ø 6.3 mm	
				
Dimensions	D: Ø 6 mm H: 3 mm	D: Ø 6 mm H: 5 mm	D: Ø 6.3 mm H: 3 mm	D: Ø 6.3 mm H: 5 mm
Code	HSD5-3	HSD5-5	HSD6-3	HSD6-5
Ref. No.	120	121	122	123



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 106.



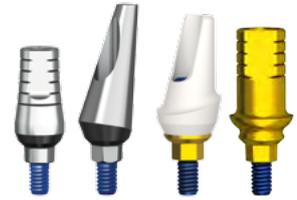
CAD/CAM Restoration



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 106 >

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 37 >

Screw-retained restoration



Our advanced screw-retained restoration line features a narrower shape, providing the optimal solution for restoration on straight or tilted implants. Narrower prosthetic parts enable the use of wide porcelain crowns at the final restoration stage, resulting in stronger and more esthetic results.

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

See page 49 >

Overdenture restoration



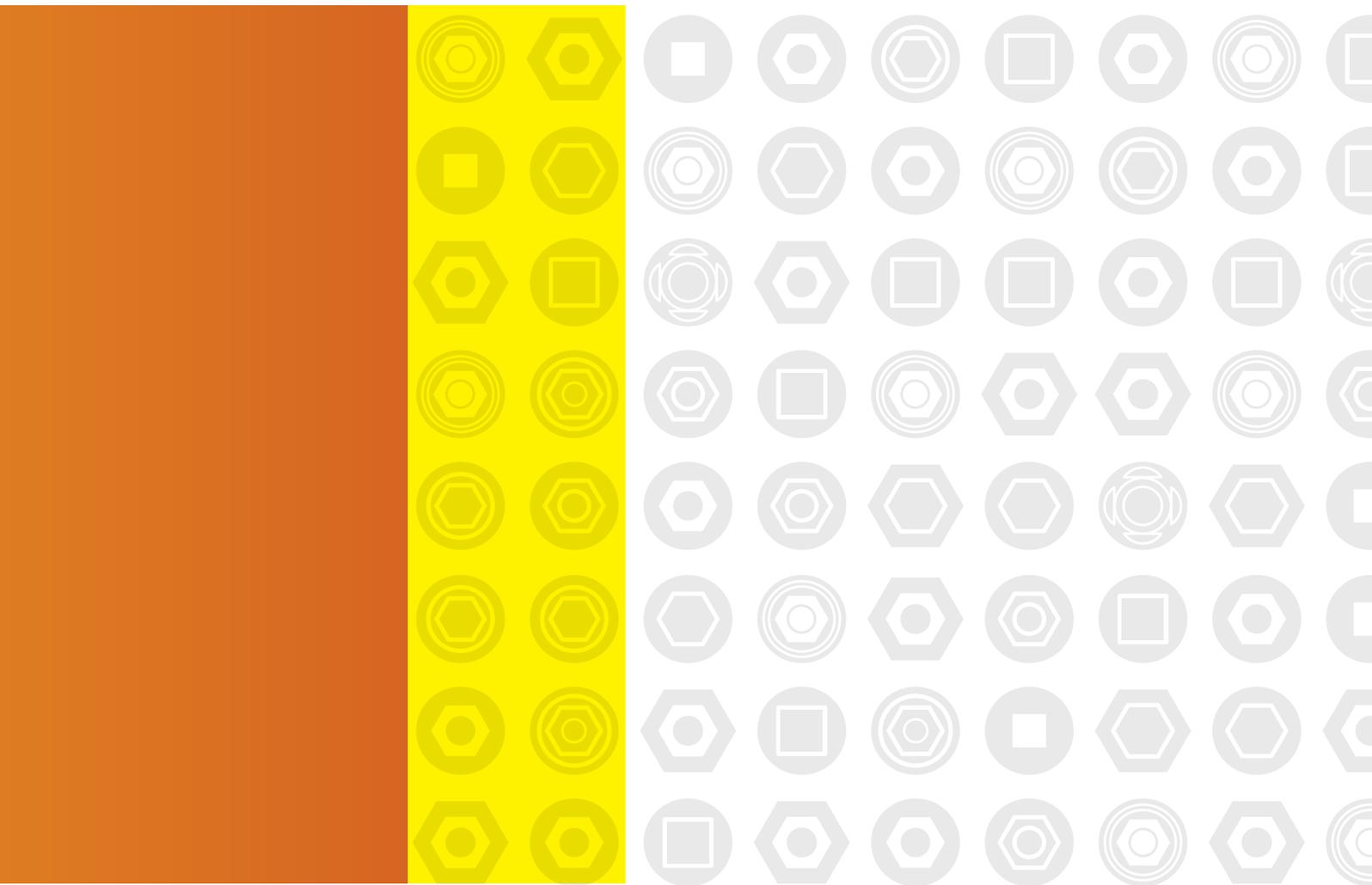
Our overdenture restoration line includes two restoration options: Ball attachment and AlphaLoc.

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 55 >







Cement-retained Restoration Internal Hex Connection

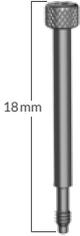
Impression

IMPLANT IMPRESSION TRANSFER

For impression taking at implant level. Suitable for all implant types diameters ($\varnothing 3.3$, $\varnothing 3.7N$, $\varnothing 3.75$, $\varnothing 4.2$, $\varnothing 4.65$, $\varnothing 5.0$, $\varnothing 5.3$, $\varnothing 6.0$ mm). In $\varnothing 5.0$ and $\varnothing 6.0$ mm implants, a small bevel will be left.

Closed Tray Transfer				
	Standard		Slim	Screw
				
Code	HLT	HLTS	HLTLS	SHLT
Ref. No.	5060	5170	5062	5172

Note: each transfer is supplied with its corresponding screw.

Open Tray Transfer				
				
Code	HLTO	HLTOS	LGP	SHLT
Ref. No.	5061	5171	5070	5172

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).

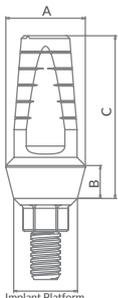
When using Ø5.0 mm or Ø6.0 mm implants, it is recommended to use lab analogs of identical dimensions, i.e. IA5 and IA6, in order to have a most complete and trustworthy rendering of the clinical situation.

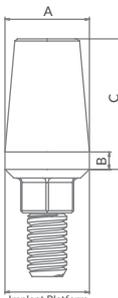
Analog			
	Standard	Wide	
			
Code	IA	IA5	IA6
Ref. No.	5080	5280	5290
Instructions	* IA5 and IA6 are not compatible with I.C.E and NeO implants		



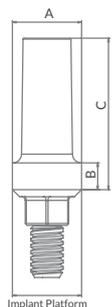
Titanium Abutments

	Straight Abutments	
		
Dimensions	A: Ø4.5 mm B: 1.7 mm C: 8.5 mm	A: Ø4.5 mm B: 1.7 mm C: 12.5 mm
Code	TLA	TLAL
Ref. No.	5030	5140

	Straight Abutments with Various Cuff Heights				Plastic Transfer	Burnout Plastic Sleeve
						
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*	PTLASP*
Ref. No.	5366	5367	5368	5369	5364	5396
Instructions	* Suitable for TLASP and ETLASP abutments					

	Slim Abutments		
			
Dimensions	A: Ø3.85 mm B: 0.8 mm C: 3 mm	A: Ø3.85 mm B: 0.8 mm C: 6 mm	A: Ø3.85 mm B: 0.8 mm C: 8.5 mm
Code	TLASSS	TLASS	TLAS
Ref. No.	5152	5151	5150
Instructions	For limited restorative space such as maxillary lateral incisor and mandibular anterior teeth		

Titanium Abutments

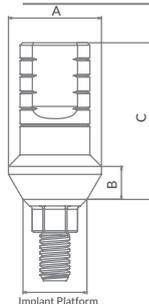


Implant Platform

Slim Abutments with Various Cuff Heights



Dimensions	A: Ø3.85 mm B: 0.5 mm C: 8.5 mm	A: Ø3.85 mm B: 1.5 mm C: 8.5 mm	A: Ø3.85 mm B: 2.5 mm C: 8.5 mm
Code	TLASSP	TLASP	TLASHP
Ref. No.	5403	5404	5405
Instructions	For limited restorative space such as maxillary lateral incisor and mandibular anterior teeth		

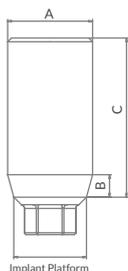


Implant Platform

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
Code	TLAO2	TLAO4
Ref. No.	5182	5362
Instructions	For wide emergence profile restoration and more flexibility of abutment fabrication/customization	

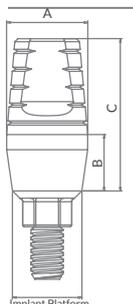


Implant Platform

Wide Profile Abutments



Dimensions	A: Ø4.5 mm C: 8.5 mm
Code	TLAW
Ref. No.	5340
Instructions	For wide emergence profile restoration and more flexibility of abutment fabrication/customization



Implant Platform

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

Wide Platform Abutments for wide Implants Ø5 and Ø6 mm		Wide Platform Abutments for wide Implants Ø5 and Ø6 mm	
Dimensions	A: Ø5.3 mm B: 1.85 mm C: 9 mm	A: Ø6.3 mm B: 1.85 mm C: 9 mm	Dimensions
Code	TLAD 5*	TLAD 6*	Code
Ref. No.	5310	5320	Ref. No.
			Dimensions
			A: 1.3 mm B: 9 mm C: Ø5.2 mm
			Code
			TLAD 5-15*
			Ref. No.
			5311

Non-Engaging Abutment		Angled Abutments 15°				
Dimensions	A: Ø4.5 mm B: 1.6 mm C: 10 mm	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	A: 1.5 mm B: 2.4 mm C: 9 mm D: 4.8 mm
Code	TCA	Code	TLA 15	TLAL 15	TLA 15B	TLA 15BB
Ref. No.	5010	Ref. No.	5090	5092	5091	5098
Instructions	Used for multiple unit restorations only	Instructions	For creation of favourable line of insertion			

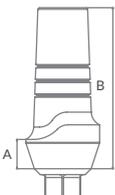
Angled Abutments 25°		Angled Abutments 35°	
Dimensions	A: 1.8 mm B: 0.4 mm C: 8.5 mm D: 4.7 mm	A: 2.4 mm B: 0.4 mm C: 11.5 mm D: 4.4 mm	A: 1.45 mm B: 1 mm C: 10 mm D: 4.65 mm
Code	TLA 25	TLAL 25	TLA 35
Ref. No.	5130	5134	5136
Instructions	Supplied with a unique screw. Use Ref. No. 5127 as a replacement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

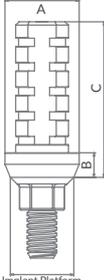
TEMPORARY PEEK ABUTMENT

- 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

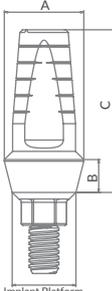
	15°			25°	
					
Dimensions	A: 1mm, B: 8 mm	A: 2mm, B: 8 mm	A: 3mm, B: 8 mm	A: 1mm, B: 8 mm	A: 2m, B: 8 mm
Code	TPA15-1	TPA15-2	TPA15-3	TPA25-1	TPA25-2
Ref. No.	5419	5420	5421	5422	5423

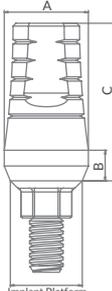
TEMPORARY TITANIUM ABUTMENTS

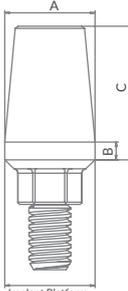
	Temporary Abutments	
		
Dimensions	A: Ø4.5 mm B: 1.7 mm C: 9.5 mm	A: Ø4.5 mm B: 1.7 mm C: 7.8 mm
Code	TLAC-AR	TLAC-R Non-Engaging
Ref. No.	5200	5220
Instructions		Used for multiple unit restorations

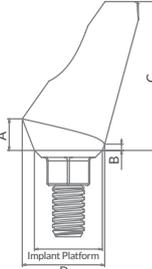
Esthetic Titanium Abutments

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	Burnout Plastic Sleeve
						
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*	PTLASP*
Ref. No.	5352	5353	5354	5355	5364	5396
Instructions	* Suitable for TLASP and ETLASP abutments					

	Straight Abutments
	
Dimensions	A: Ø4.5 mm B: 1.7 mm C: 8.5 mm
Code	ETLA
Ref. No.	5031

	Slim Abutments	
		
Dimensions	A: Ø3.85 mm B: 0.8 mm C: 8.5 mm	A: Ø3.85 mm B: 0.8 mm C: 6 mm
Code	ETLAS	ETLASS
Ref. No.	5155	5156

	Angled Abutments	
		
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	ETLAL 15	ETLA 25
Ref. No.	5094	5131

Esthetic Anatomic Abutments

- A special 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

Wide Profile Abutments with Emergence Profile

Dimensions	A: Ø5,5 mm B: 2 mm C: 9,5 mm	A: Ø5,5 mm B: 3 mm C: 11,5 mm
Code	EOAPSS	EOAPS
Ref. No.	5406	5407

Straight Abutments with Emergence Profile

Dimensions	A: Ø4,3 mm B: 1,5 mm C: 7 mm	A: Ø4,4 mm B: 2 mm C: 8 mm
Code	EAAPSS	EAAPS
Ref. No.	5408	5409

Angled Abutments 15°

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
Code	EAAS 15	EAA 15	EAAH 15
Ref. No.	5410	5411	5412

Angled Abutments 25°

Dimensions	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 25	EAA 25	EAAH 25
Ref. No.	5413	5414	5415



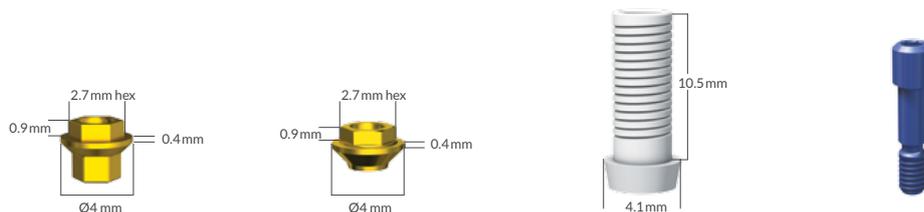
Zirconia Abutments

Special two-part design consists of a Titanium base and a Zirconia abutment in various designs, for maximal restoration flexibility and best results.

- **Esthetic** - due to its colour and texture the light absorbance and reflection are identical to a natural tooth. Special anatomical design provides long-term soft tissue support.
- **Strong** - superb mechanical strength, stable and durable connection between the titanium base and the implant.
- **High restoration flexibility** - two part design facilitates the customization process.

Straight Zirconia Abutment		Angled Zirconia Abutments	
Code	ZHBZ	ZHBZ-15	ZHBZ-25
Ref. No.	6054	6058	6057

Accessories for Zirconia Abutments



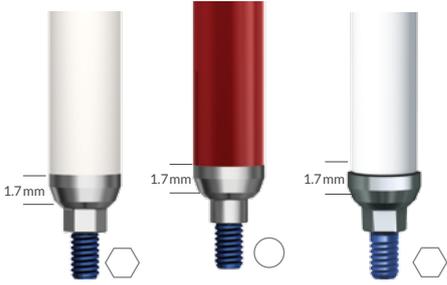
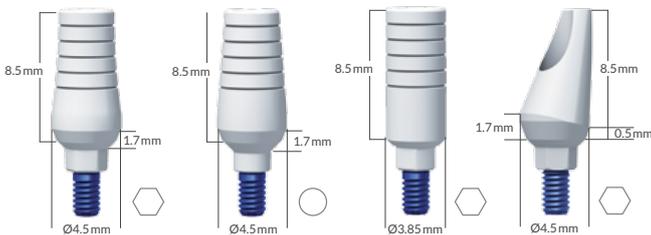
Material	Titanium	Titanium	Plastic	Titanium
Code	HBZ	HBZ-R	PHBZ*	SHBZ
Ref. No.	6043	6044	6080	6053
Instructions	For restoration on single implant	Bridge restoration on multiple implants. Provides easy solution for divergence of up to 30° between implants	Used for fabrication of customized Zirconia abutment using Pantograph technique	Used with Titanium bases and customized Zirconia abutment or bridges

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		Gold Base Abutments	Plastic Abutment for Casting				
							
Base melting range	>1290°C - 1380°C		>1400°C-1490°C				
Code	TLABCC	TLABCC-R Rotational	TLABG	PLA	PLA-R	PLAS	PLA 15
Ref. No.	6405	6406	6401	5040	5041	5050	5093

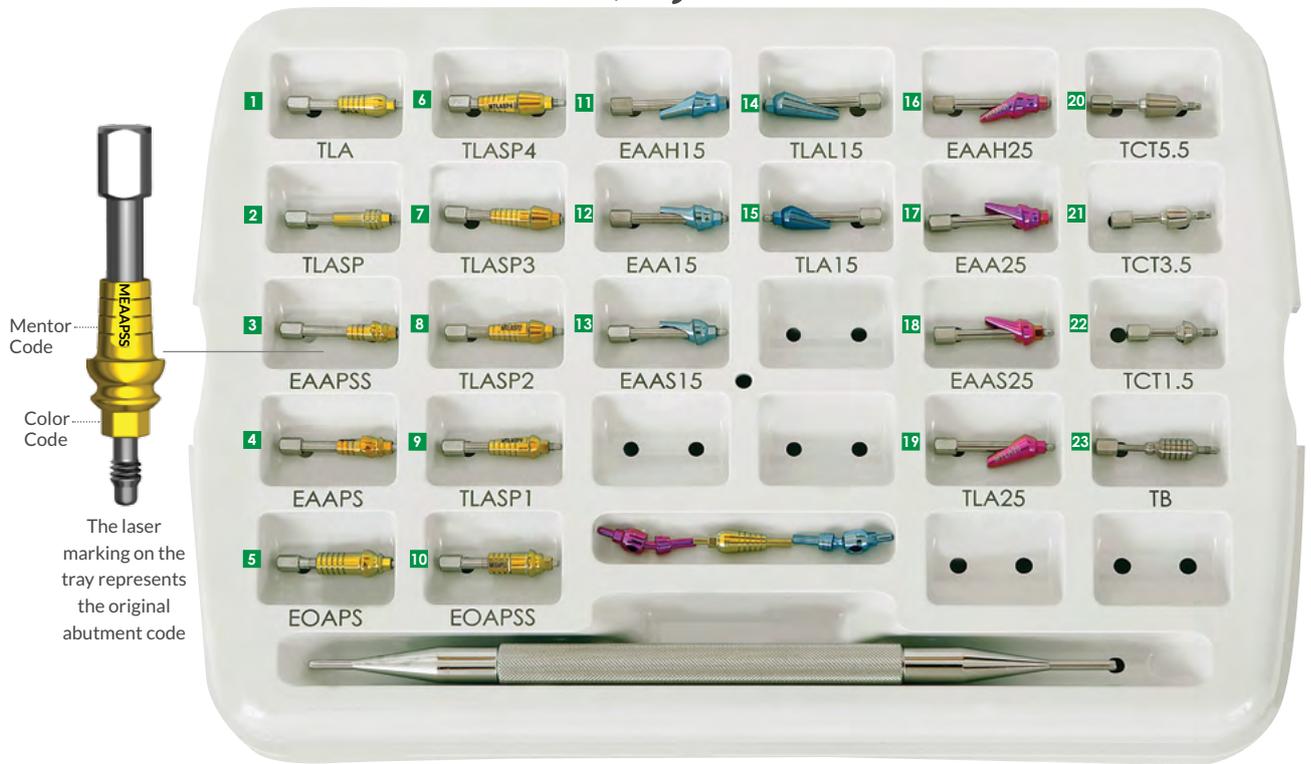
Prosthetic Screws

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
Code	STLAS	STLAT	RS
Ref. No.	5122	5121	5110
Instructions	Use 30 Ncm to tighten prosthetic screws (page 64) * Specially coated. Recommended for laboratory use. ** For use with TLA35 abutment only (Ref. No. 5136)		Used for retrieval of stuck abutments in Implants / Analogs

Mentor Kit

Plan it Simply



The mentor abutments are divided into four color coded groups, for easy identification and selection:

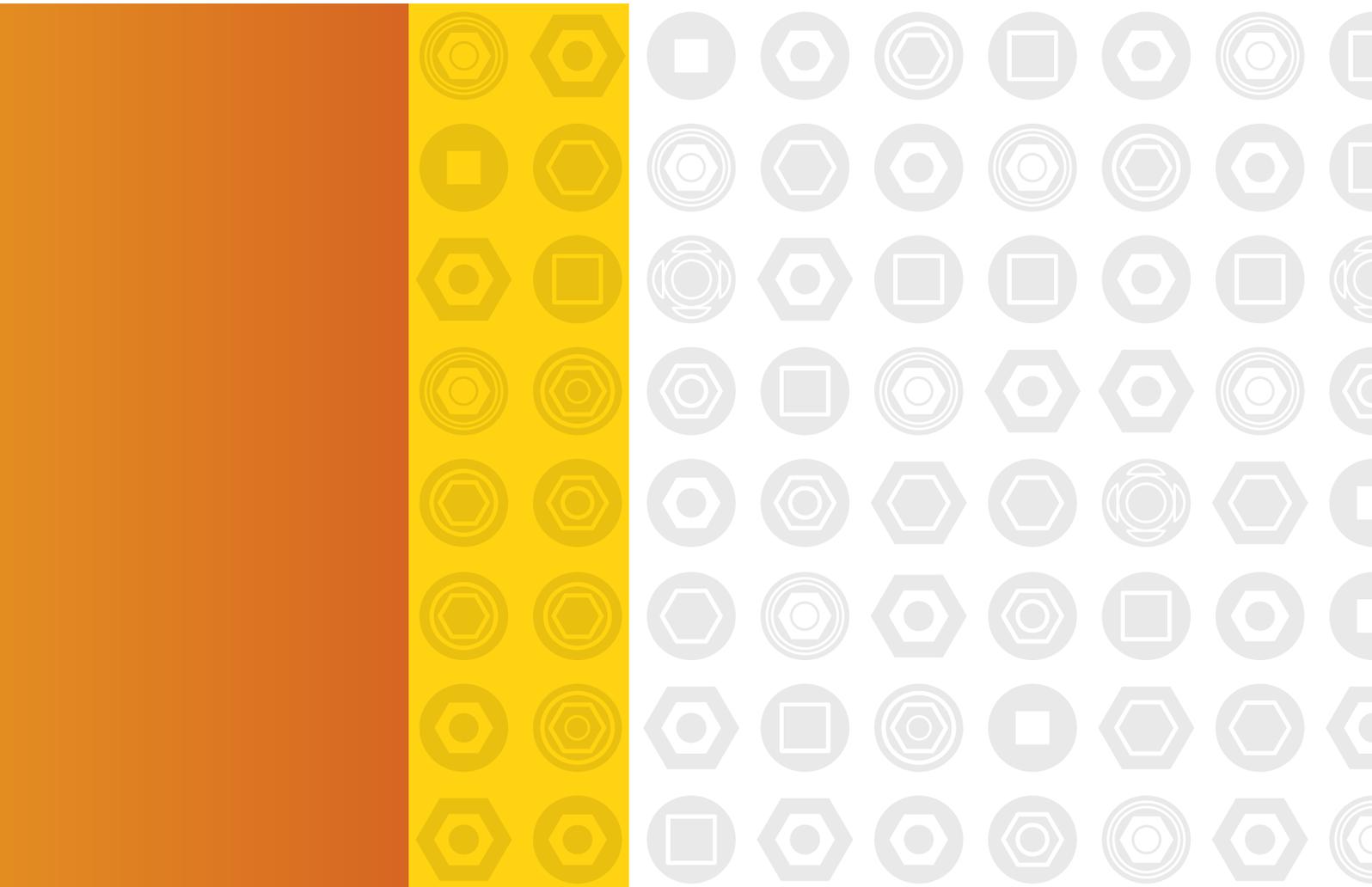
- **Gold** - Straight abutments: 10 mentor abutments.
- **Blue** - 15° abutments: 5 mentor abutments.
- **Magenta** - 25° abutments: 4 mentor abutments.
- **Grey** - Screw-retained and ball-attachment: 4 abutments.

<p>1 M-TLA (5565) TLA (5030) Straight Titanium Abutment</p>	<p>7 M-TLASP3 (5568) TLASP3 (5368) Simply Straight Titanium Abutment Cuff H3.0mm</p>	<p>13 M-EAAS15 (5577) EAAS15 (5410) Short Esthetic Anatomic Abutment 15°</p>	<p>19 M-TLA25 (5580) TLA25 (5130) Angled Titanium Abutment 25°</p>
<p>2 M-TLASP (5570)* TLASSP (5403), TLASP (5404), TLASHP (5405) Slim Titanium Abutment with Short platform</p>	<p>8 M-TLASP2 (5567) TLASP2 (5367) Simply Straight Titanium Abutment Cuff H2.0mm</p>	<p>14 M-TLAL15 (5576) TLAL15 (5092) Long Angled Titanium Abutment 15°</p>	<p>20 M-TCT5.5 (5564) TCT5.5-N (5254) TCT 5.5-N Abutment</p>
<p>3 M-EAAPSS (5573) EAAPSS (5408) Short Straight Esthetic Anatomic Abutment</p>	<p>9 M-TLASP1 (5566) TLASP1 (5366) Simply Straight Titanium Abutment Cuff H1.0mm</p>	<p>15 M-TLA15 (5575) TLA15 (5090) Angled Titanium Abutment 15°</p>	<p>21 M-TCT3.5 (5563) TCT3.5-N (5252) TCT 3.5-N Abutment</p>
<p>4 M-EAAPS (5574) EAAPS (5409) Straight Esthetic Anatomic Abutment</p>	<p>10 M-EOAPSS (5571) EOAPSS (5406) Short Esthetic Omni Abutment with PS</p>	<p>16 M-EAAH25 (5583) EAAH25 (5415) High Esthetic Anatomic Abutment 25°</p>	<p>22 M-TCT1.5 (5562) TCT1.5-N (5222) TCT 1.5-N Abutment</p>
<p>5 M-EOAPS (5572) EOAPS (5407) Esthetic Omni Abutment with PS</p>	<p>11 M-EAAH15 (5579) EAAH15 (5412) High Esthetic Anatomic Abutment 15°</p>	<p>17 M-EAA25 (5582) EAA25 (5414) Esthetic Anatomic Abutment 25°</p>	<p>23 M-TB (5561)** TB0.5 (6260), TB2 (6210), TB3 (6280), TB4 (6220), TB5 (6270), TB6 (6290) Straight Ball attachments L0.5mm</p>
<p>6 M-TLASP4 (5569) TLASP4 (5369) Simply Straight Titanium Abutment Cuff H4.0mm</p>	<p>12 M-EAA15 (5578) EAA15 (5411) Esthetic Anatomic Abutment 15°</p>	<p>18 M-EAAS25 (5581) EAAS25 (5413) Short Esthetic Anatomic Abutment 25°</p>	<p>M-SCWGR (5560) Mentor Abutment Screw</p>

Mentor Abutment (M) **Original Abutment**

* Contains 3 heights grooves that represents all slim abutments | ** Contains 6 heights grooves that represents all ball attachments

ORDERING INFORMATION: Ref No.5555 (FOR BOX AND MENTOR ABUTMENTS ONLY).
The Paraguide System and the Rotation Tool should be ordered separately.



Screw-retained Multi Unit Restoration Internal Hex Connection

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 a 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

Screw is located inside

• The 1.25 mm tool
New designed colored insertion tools.
See page 62

New Design!

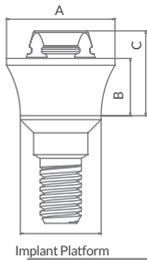
Angled Abutments*

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. Use 30 Ncm to tighten the abutment screw (see page 62)					



Pro TCT Straight Abutments

Restoration for up to 30° *



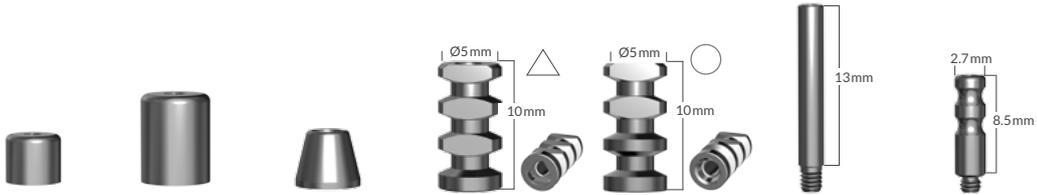
Implant Platform

Pro TCT-N Abutment System



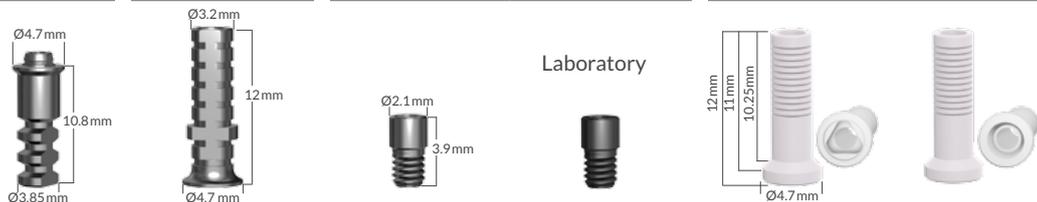
Dimensions	A: Ø4.7 mm B: 0.75 mm C: 1 mm	A: Ø4.7 mm B: 1.6 mm C: 2.8 mm	A: Ø4.7 mm B: 2.6 mm C: 3.8 mm	A: Ø4.7 mm B: 3.6 mm C: 4.8 mm	A: Ø4.7 mm B: 4.6 mm C: 5.8 mm	A: Ø4.7 mm B: 5.6 mm C: 6.8 mm
Code	TCT0.5-N	TCT1.5-N	TCT2.5-N	TCT3.5-N	TCT4.5-N	TCT5.5-N
Ref. No.	5221	5222	5223	5252	5253	5254
Instructions	Use 1.5 mm Hex Driver for insertion (see page 62). Recommended closing torque: 30 Ncm.					

Pro Healing Abutments	Open Tray Transfer	Closed Tray Transfer
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Height	4 mm	6 mm	4 mm	10 mm	10 mm	13 mm	8.5 mm
Code	HCT4-N	HCT6-N	HCTB-N	TST-N	TCT-N-R	SFL-N	TS-N
Ref. No.	5236	5237	5241*	5231	5248	6012	5235
Instructions	Recommended closing torque: 10 Ncm. * Use screw 6092.			Close manually			Close manually

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

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

HBC Abutment System

Single Tooth Restoration

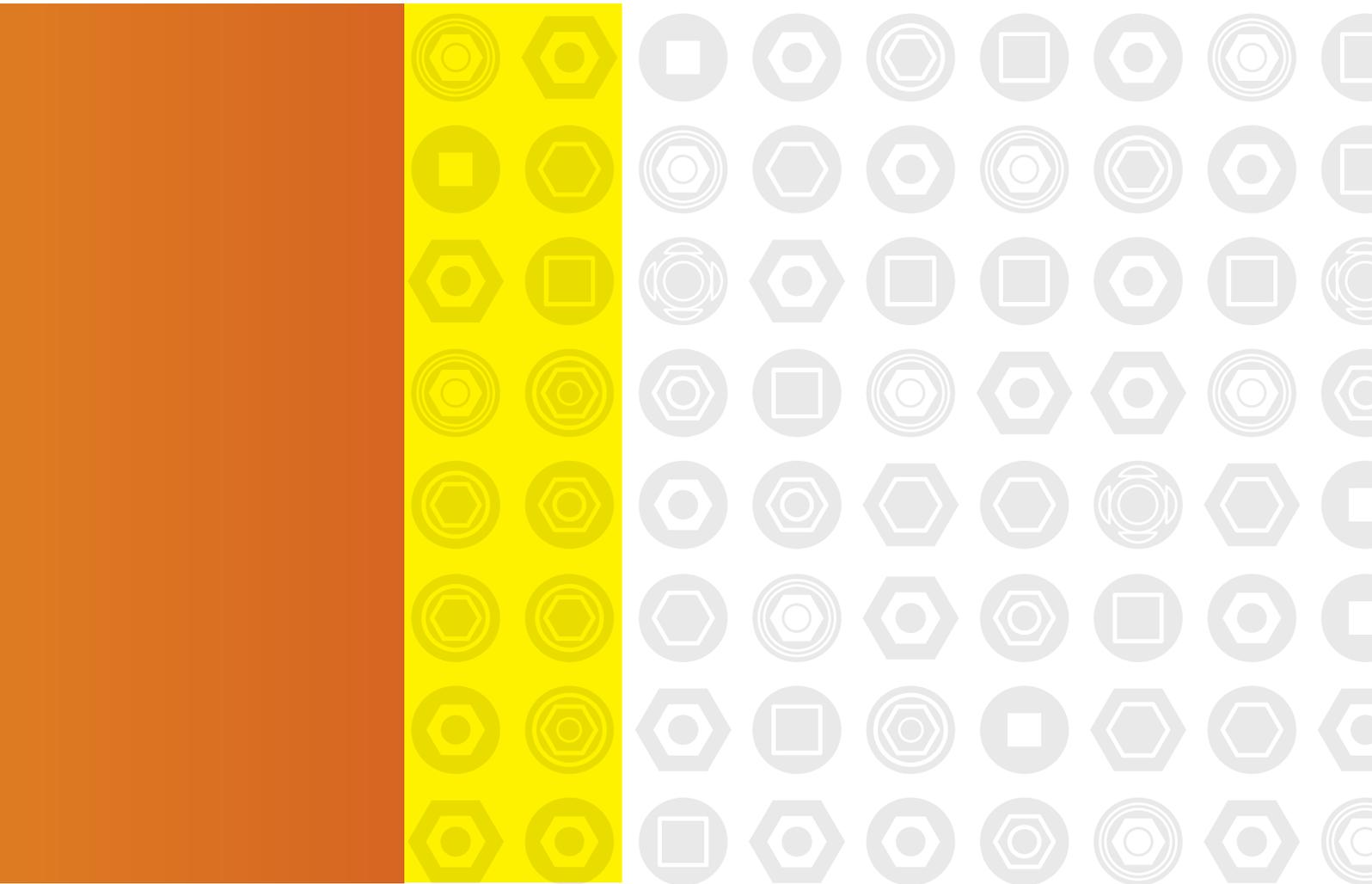
HBC Abutment System			
			
Dimensions	A: Ø4.7 mm B: 0.5mm C: 2.6mm	A: Ø4.7 mm B: 1.5mm C: 3.6mm	A: Ø4.7 mm B: 2.5mm C: 4.6mm
Code	HBC 0.5	HBC 1.5	HBC 2.5
Ref. No.	6040	6041	6042
Instructions	Requires standard implant level impression (see page 38). Use 1.25 mm for insertion and close the abutment screw with 30 Ncm (see page 62)		
Remarks	LS screws are sold separately from HBC abutments. Use 1.25 mm for insertion and close the abutment screw with 30 Ncm (see page 62)		
Screws for HBC abutments			Burnout Sleeve
			
Code	LS 0.5	LS 1.5	PST-AR
Ref. No.	6050	6051	6070
Use With	HBC 0.5	HBC 1.5	HBC 2.5

Ordering Information for TSA-N and Unibases

Alpha-bio Tech 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:

Abutments	Healing abutments	Transfers	Analogs	Temporary abutment	Screws	Burnout sleeve	Alpha Unibase*	Pro Alpha UniCovers*	Screws*
TSA1.5-N (5224)	HSA3.0-N (5239)	TOS-N (5233) SFL-N (6012)	BTS-N (5213)	TSS-N (5215)	SF-N (6092) SFT-N (6093)	PSS-N (5219)	17°X1.5 (5308)	AUC-TCT-N (5201)	USP (5314) USL (5315)
TSA2.5-N (5225)	HSA5.0N (5240)	TS-N (5235)	AUC-BTS-N (5214)				17°X2.5 (5309)	AUC-TSA1.5-N (5204)	
TSA3.0-N (5226)							30°X1.5 (5312)	AUC-TSA2.5-N (5203)	
TSA4.0-N (5227)							30°X2.5 (5313)		
TSA5.0-N (5228)							* AlphaUniverse angled abutments (two-piece)		



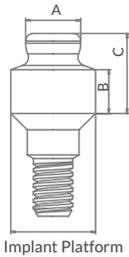


 Overdenture Restoration
Internal Hex Connection

AlphaLocOverdenture



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 compared to the existing implant overdenture attachments.



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

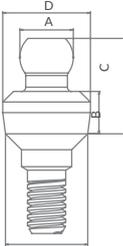


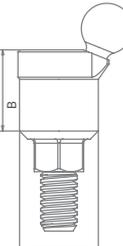
Content	4 Units	1 Unit	4 Units	4 Units	1 Unit	1 Unit
Ref. No.	4882	4883	4884	4885	4886	4887

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: Ø4.1 mm	A: Ø2.5 mm B: 2 mm C: 4.5 mm D: Ø4.1 mm	A: Ø2.5 mm B: 3 mm C: 5.5 mm D: Ø4.1 mm	A: Ø2.5 mm B: 4 mm C: 6.5 mm D: Ø4.1 mm	A: Ø2.5 mm B: 5 mm C: 7.5 mm D: Ø4.1 mm	A: Ø2.5 mm B: 6 mm C: 8.5 mm D: Ø4.1 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 (pages 40, 41). Use HTD 1.25 mm for insertion (page 31). Use nylon cap Ø 2.5 mm.					

Angled Ball Attachments				
				
Implant Platform				
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		

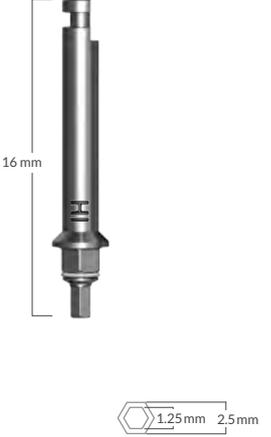
Internal Hex Contra-Angle Drivers (Stainless Steel)				
	Motor Mount 2.5/1.25 mm	Motor Mount 2.5 mm	Short Motor Mount 2.5/1.25 mm	Short Motor Mount 2.5 mm
Code	IT 2.5M+	IT 2.5	ITS 2.5/1.25	ITS 2.5
Ref. No.	4161	4073	4071	4072
Instructions	Driver for contra-angle handpiece for internal hex implant insertion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



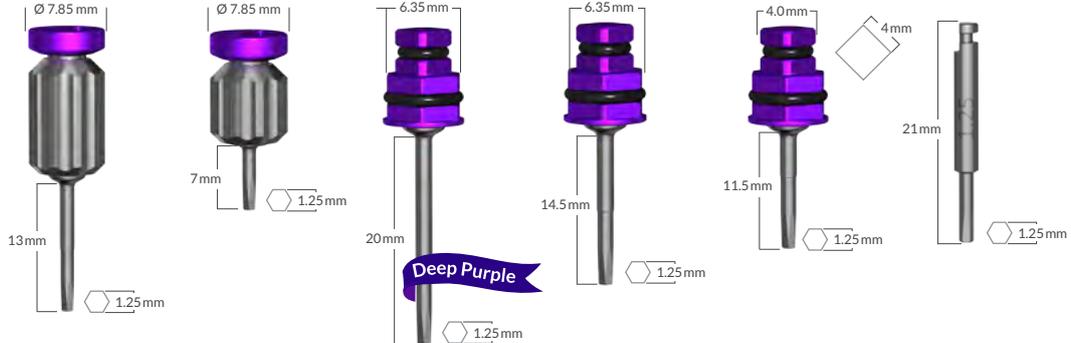
Implant Grip Drivers

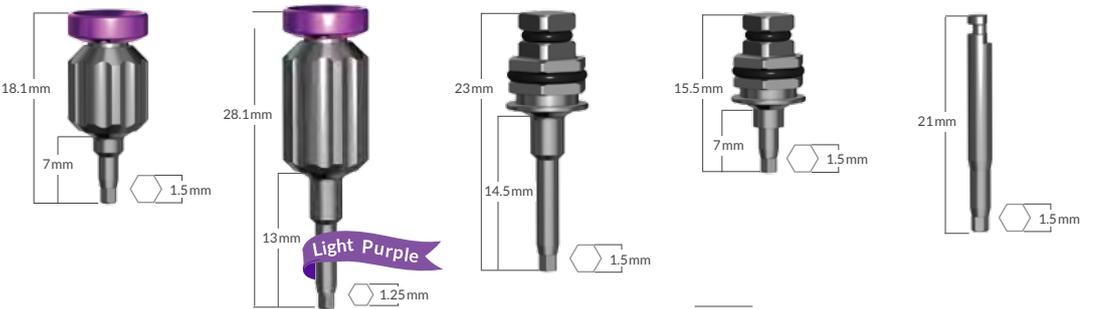
	Manual Driver	Internal Hex Insertion Drivers		
		2.5 mm Long	2.5 mm Standard	2.5 mm Short
				
Code	MITD2.5-IH	G-ITDL2.5	G-ITDM2.5	G-ITDS2.5
Ref. No.	4146	4140	4141	4142
Instructions		Compatible with hexagonal 6.35 mm or square 4 mm ratchet or surgical screwdriver		

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

Introduction
 Kits & Drills
 Internal Hex Implants
 Internal Hex Prosthetics
 Internal Hex Instruments & Tools
 Conical Hex Implants
 Conical Hex Prosthetics
 Conical Hex Instruments & Tools
 Arrow System
 Digital Solutions
 Biomaterials

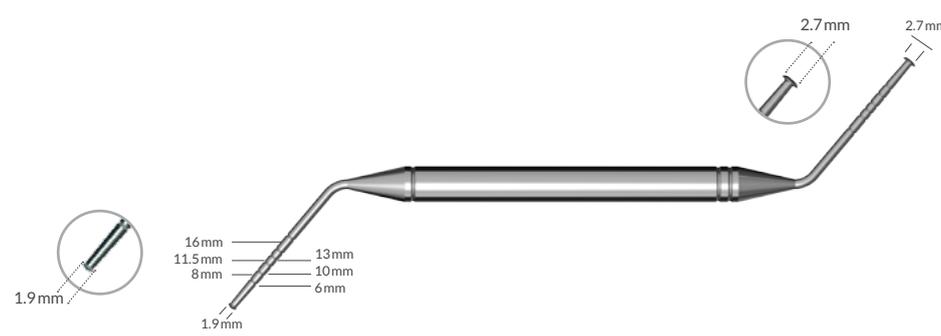
Insertion Tools

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
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 1.5 mm	Long Manual Hex Driver 1.5 mm	Hex Driver 1.5 mm	Short Hex Driver 1.5 mm	Motor Mount Hex Driver 1.5 mm
					
	Code	HHS 1.5	HHL 1.5	HTD 1.5	HTD 1.5S
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 drivers are intended for use with straight Pro TCT-N abutments.				

Parallel and Depth Guides*

	Parallel/Depth Guide (Titanium)		Parallel Guide (Titanium)
			
Code	PDG	PDGS	PG
Ref. No.	4080	4081	4082
Instructions	For accurate measurement of osteotomy depth, parallel check and 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>

* Compatible with Internal Hex & Conical Hex Connection Platforms.

Surgical Accessories*

Ratchet Wrench (Stainless Steel)

Ref. No. 4011

Code: RAT



Used with 6.35 mm hex drivers. Can be adapted for use with 4 mm square head drivers when using USH 4012.

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.
Can be adapted for use with the 4 mm square heads drivers when using USH 4012.

Universal Square Ratchet Head Adaptor (Stainless Steel)

Ref. No. 4012

Code: USH



Ratchet adapter for the 4 mm square head drivers.

Surgical Screwdriver

Ref. No. 4220

Code: SDH

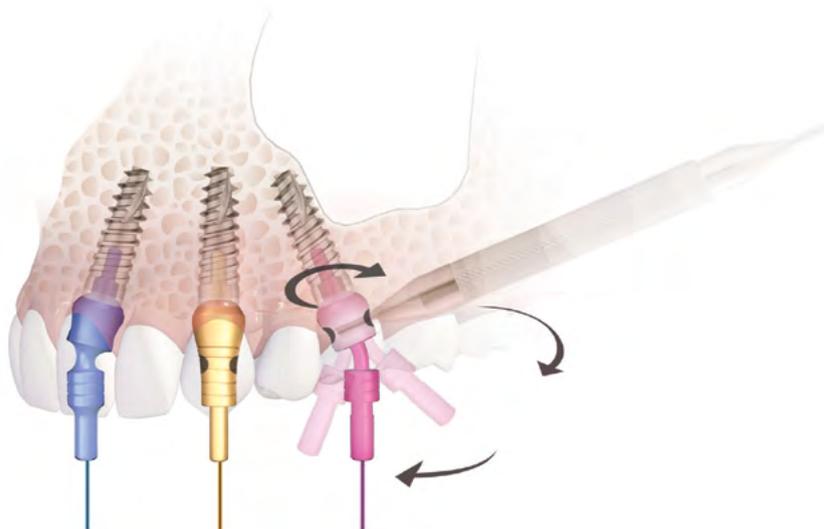


Used with 6.35 mm hexagonal head.

* Compatible with Internal Hex & Conical Hex Connection Platforms.

Paraguide System for Abutments Parallelism

In cases of forced or intended non-parallel implant placement, the Paraguide system helps achieving parallelism and aesthetic results quickly and easily in the final rehabilitation. It allows the practitioner to position the implants hex in an optimal way, at the surgical stage.



Internal Hex Paraguide (Titanium)
Items are sold separately or as 3pc set. Set Ref. No. 5230

**Rotation Tool
(Stainless Steel)**



	TPG 0	TPG 15	TPG 25	RT
Code	TPG 0	TPG 15	TPG 25	RT
Ref. No.	5230-0	5230-15	5230-25	4290
Instructions	<p>Insert the specific paraguide (0°, 15°, 25°) into the implant. Rotate the implant into the bone with the help of the rotation tool (RT) clockwise, until the paraguide abutment is parallel to other abutments.</p> <p>Before rotating the implant try to insert the paraguide in the different positions in the internal hex.</p> <p>In order to ensure use of the same angle abutment for the rehabilitation, make sure to record the angle of the paraguide abutment used for each implant. In the case of a single abutment insert the paraguide and rotate it to the angle which orients it to the favoured line of insertion of the intended prosthesis.</p>			



Conical Hex Connection Implants

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

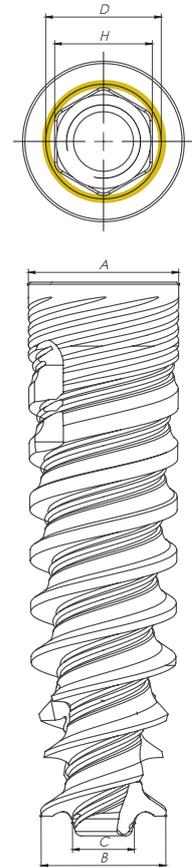
Why NICE	An extended solution for narrow ridges and limited spaces by adjacent teeth and roots.
Unique design feature	<ul style="list-style-type: none"> • Narrow tapered • Split coronal micro threads • Tapered design externally and internally
Unique clinical benefits	<ul style="list-style-type: none">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



neo 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

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	Ø 2.1
	10 mm	1100	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	Ø 2.1
	11.5 mm	1101	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	Ø 2.1
	13 mm	1103	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	Ø 2.1
	16 mm	1106	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	Ø 2.1
Ø 3.5	8 mm	1128	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	Ø 2.1
	10 mm	1120	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	Ø 2.1
	11.5 mm	1121	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	Ø 2.1
	13 mm	1123	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	Ø 2.1
	16 mm	1126	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	Ø 2.1



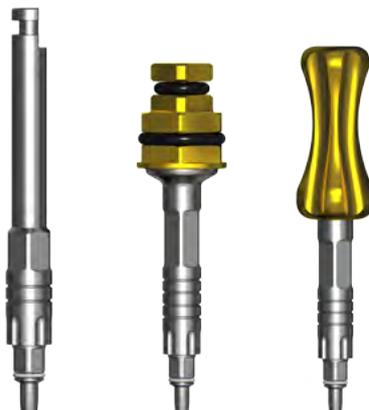
New Implant System Package

Introducing a modern and easy to use package. Designed for maximum comfort and enhanced ergonomic



Drivers

New and advanced grip drivers for maximum confidence along with modern design





Color coded holder

Holders are color coded for easy identification of implants length



Identification labels

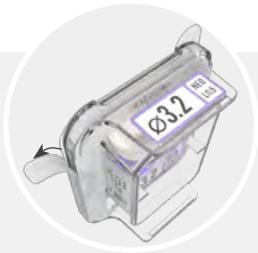
Labels indicates implant's type, length and diameter



PATENT PENDING

Stack several packages together

The new package features a unique design that enables stacking several packages together for maximum storage efficiency and organization.



1

Tear the cardboard



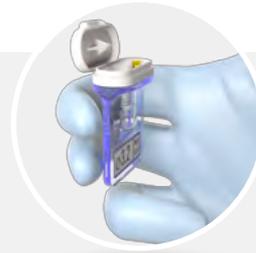
2

Pull the Tyvek



3

Remove the inner holder



4

Open the cap - easy one hand operation



5

Insert preferred driver in a continuously clockwise turn until hex is found
(Ratchet is for illustration only)



6

Implant is now securely connected to driver and can be easily removed from package. Verify there is no gap between driver and implant.



7

Implant can be inserted directly to site



8

Easily remove cover screw by using appropriate prosthetic driver

neo Drill Protocol Two ways one result

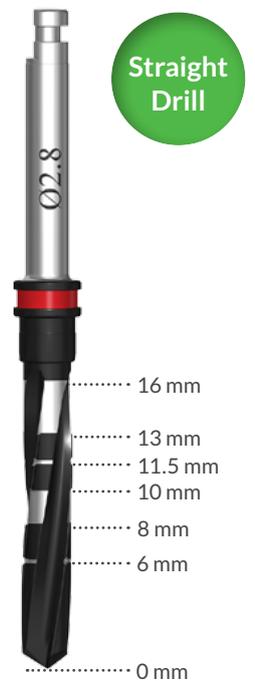
Step Drilling Sequence

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



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	2.0
		2.4/2.8	2.8
			2.8/3.0
Ø 3.5	2.0	2.0	2.0
	2.0/2.4	2.8	2.8
		2.8/3.0	2.8/3.2



Step drill can be replaced with straight drill by drilling 3mm less.



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.

Clinical Indications:

- Maxilla anterior areas 15-25
- Immediate implantation and immediate loading, anterior area
- Single unit restoration
- For single and multiple unit restoration for areas 33-43
- Full arch restoration—immediate loading in combination with standard diameter implants

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 2.8 *	2.0 2.8 2.8/3.0

* In cases of thick cortical layer use Ø3.0mm drill only through the cortex
Step drill may be replaced with a straight drill by drilling 3mm less



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

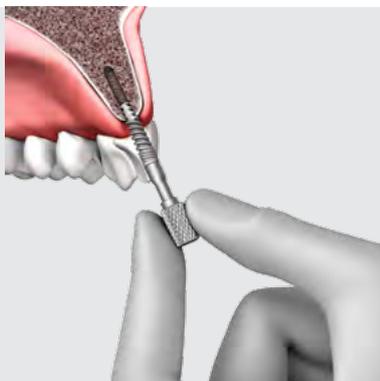
Narrow implant holder

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.



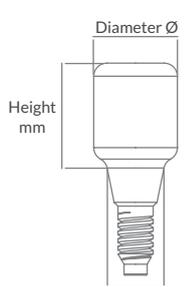
COVER SCREW

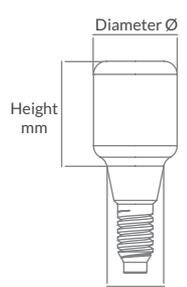
CST-CHC
Ref. No. 7300

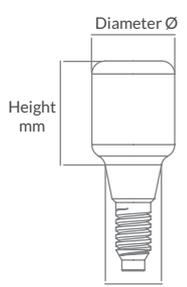
Healing Abutments

Laser mark for
easy identification
of diameter
and height



	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

	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

	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



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 106.



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 106 >

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 77 >

Screw-retained Restoration



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

See page 83 >

Overdenture Restoration



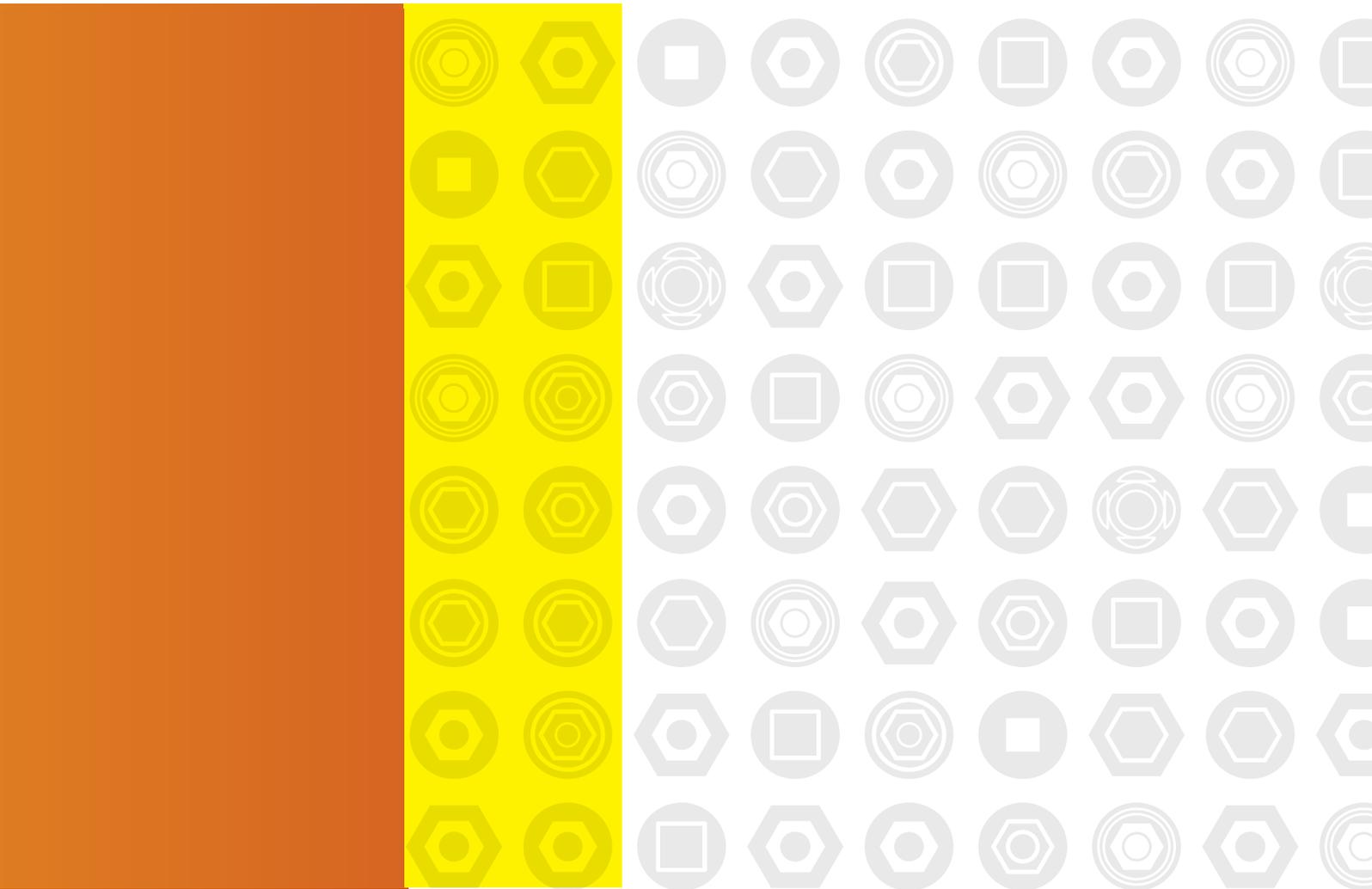
Our overdenture restoration line includes two restoration options: Ball attachment and AlphaLoc.

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 89 >





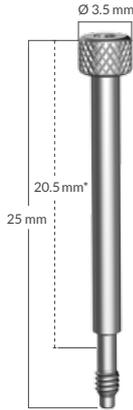
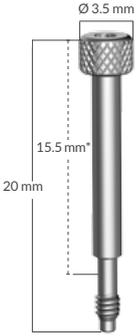
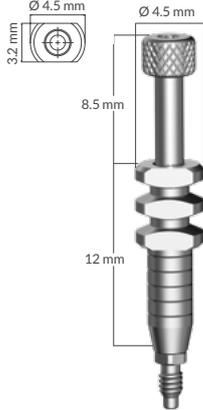


 Cement-retained Restoration
Conical Hex Connection

Implant Impression Transfers

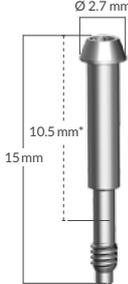
Open Tray Transfer

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

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

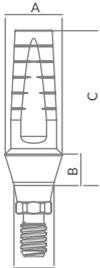
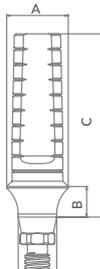
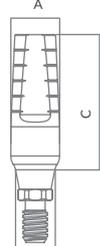
Closed Tray Transfer

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

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

* Note: Implant level.

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	A: Ø 3.6 mm B: 4.0 mm C: 11.9 mm		
Code	ETLASP1-CHC	ETLASP2-CHC	ETLASP3-CHC	ETLASP4-CHC		
Ref. No.	7350	7351	7352	7353		
Instructions	Recommended closing torque: 20 Ncm. Do not exceed 20 Ncm.					
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	A: Ø 4.0 mm B: 5.0 mm C: 15.0 mm	
Code	ETWASP1-CHC	ETWASP2-CHC	ETWASP3-CHC	ETWASP4-CHC	ETWASP5-CHC	
Ref. No.	7370	7371	7372	7373	7374	
Instructions	Recommended closing torque: 20 Ncm. Do not exceed 20 Ncm.					
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	A: Ø 4.0 mm C: 9.2 mm		
Code	ETLAS3.2-CHC	ETLAS3.6-CHC	ETLAS4.0-CHC	TLAS4.0-CHC		
Ref. No.	7356	7357	7383	7358		
Instructions	Recommended closing torque: 20 Ncm. Do not exceed 20 Ncm.			Can be used as blank abutment for CAD/CAM systems.		

Angled Abutments

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

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

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

Prosthetic Screws

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

Casting Abutments

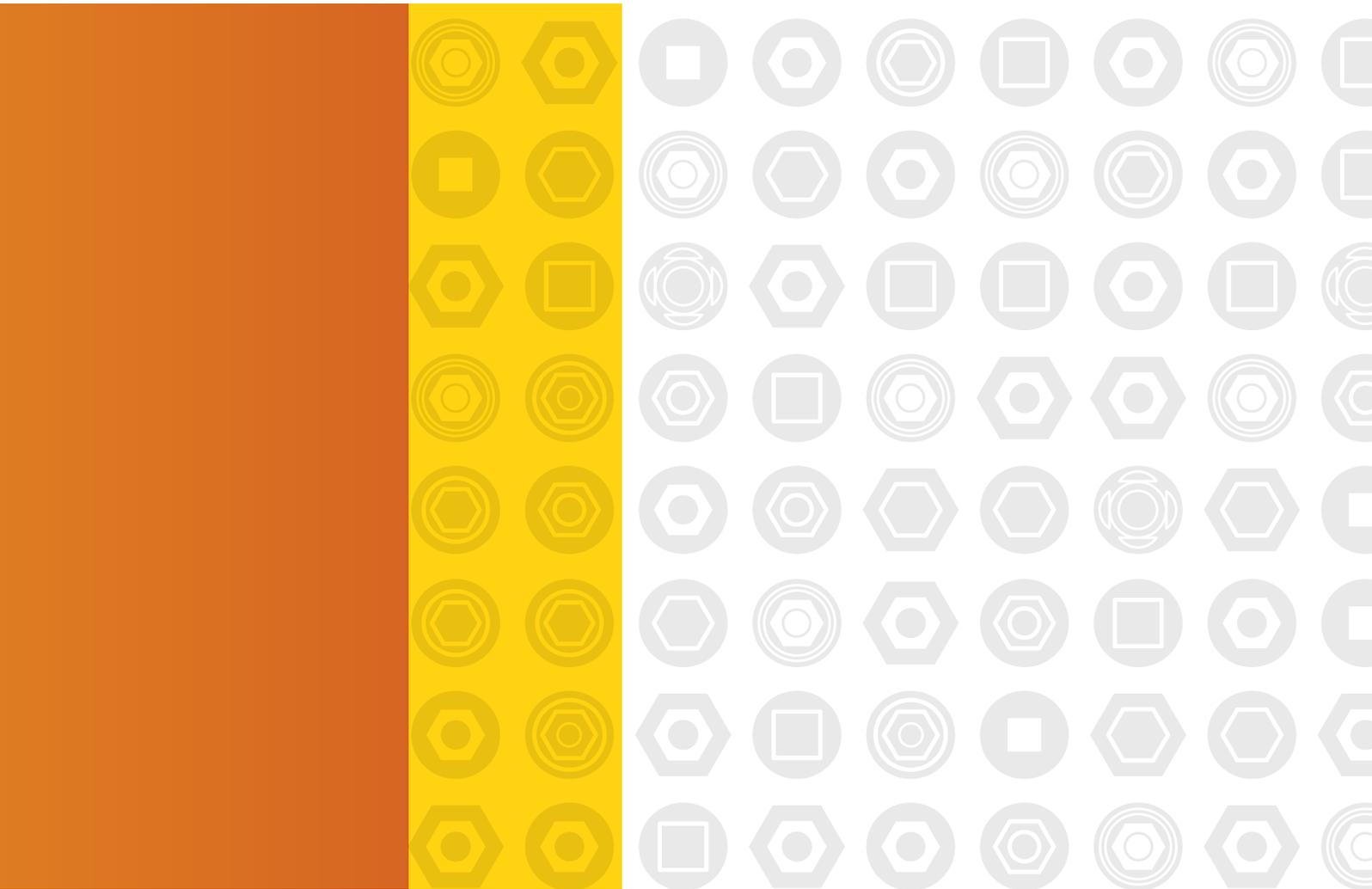
CoCr Base Abutments



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 adapter Please refer to product's IFU for more information.	







Screw Retained Multi Unit Restoration Conical Hex Connection

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 a 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?
 <p>17° Angled Abutments*</p>	<p>Available in 1.5, 2.5 and 3.5 mm heights</p>	<ul style="list-style-type: none"> • For multiple unit restoration • For aligning tilted implants • For fixed screw-retained restorations
 <p>30° Angled Abutments*</p>	<p>Available in 1.5, 2.5 and 3.5 mm heights</p>	<ul style="list-style-type: none"> • For multiple unit restoration • For aligning tilted implants • For fixed screw-retained restorations
 <p>Pro TCT Abutments*</p>	<p>Ø4.7 mm with cuff heights of 0.7, 1.6, 2.6, 3.6, 4.6 or 5.6 mm</p>	<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

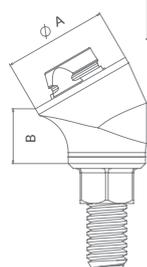
Easy, manually bent, flexible handle for simple insertion and optimal base placement into the implant

Improved design for better soft tissue integration

Screw is located inside



- The 1.25 mm tool
- New designed colored insertion tools. See page 62



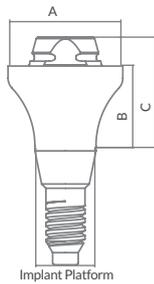
Angled Abutments



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 62)					

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 98). Recommended closing torque: 30 Ncm.					

	Pro Healing Abutments			Open Tray Transfer			Closed Tray Transfer
Height	4 mm	6 mm	4 mm	10 mm	10 mm	13 mm	8.5 mm
Code	HCT4-N	HCT6-N	HCTB-N	TST-N	TCT-N-R	SFL-N	TS-N
Ref. No.	5236	5237	5241*	5231	5248	6012	5235
Instructions	Recommended closing torque: 10 Ncm. Use screw 6092.			Close manually			Close manually

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

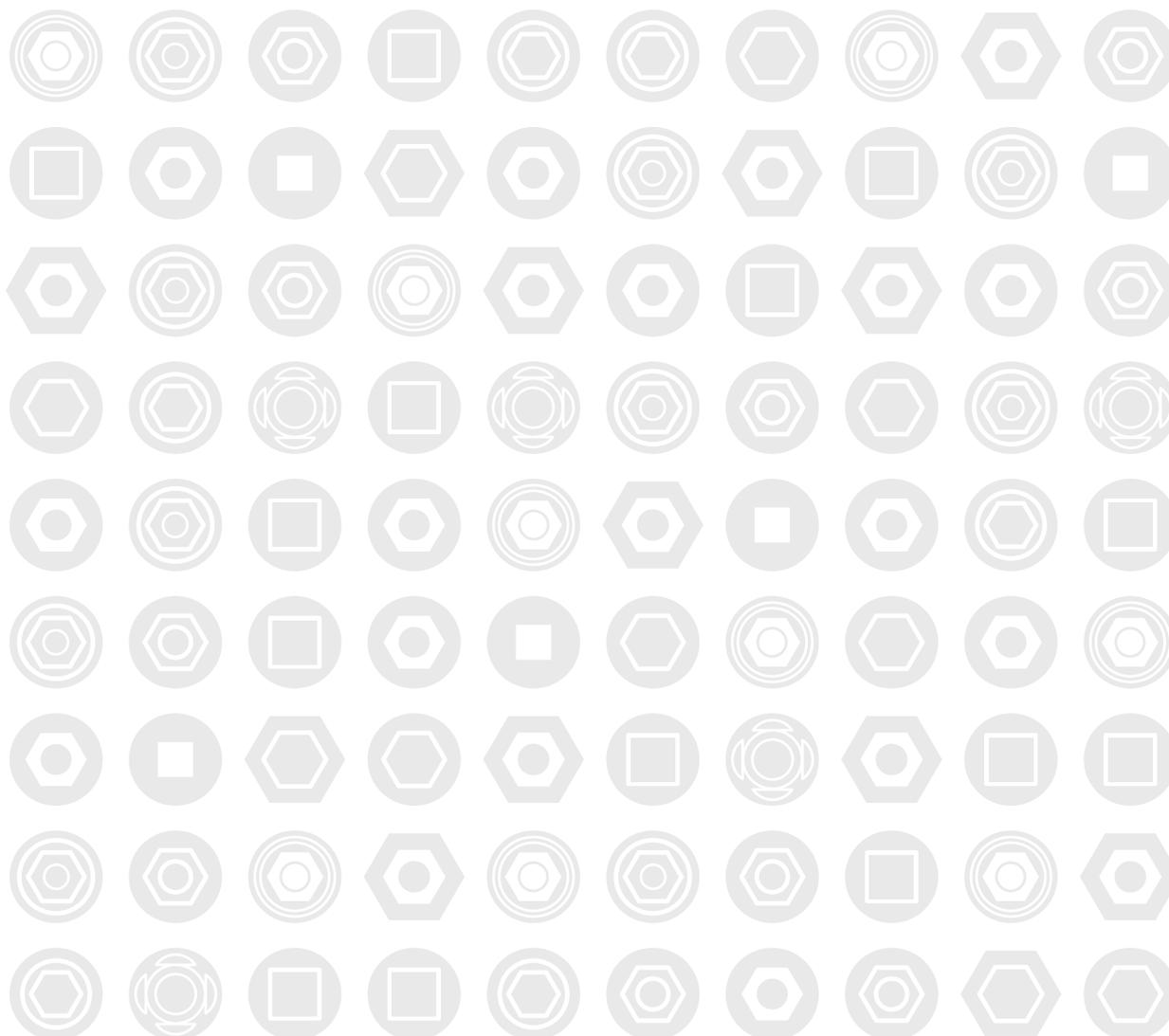
* Between implants. For more information see Screw-retained Restoration Line brochure.

Ordering Information for Unibases

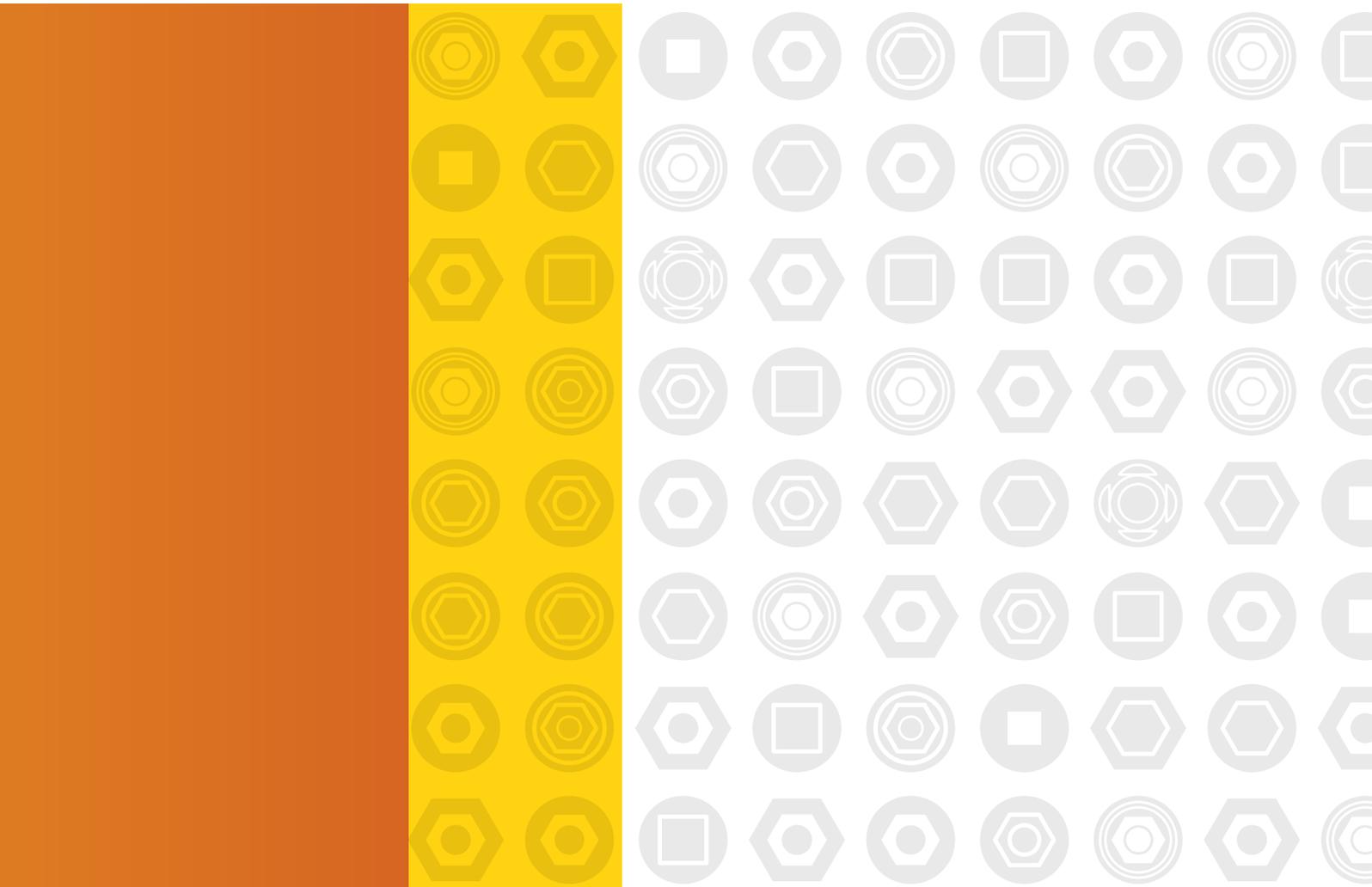
Alpha-bio Tech strongly encourages its customers to order the new designed AlphaUniverse Multi Unit parts. If the parts are still not available in your region, due to regulation restrictions, kindly use the below table for ordering:

Alpha Unibase*	Pro Alpha UniCovers*	Screws*	CAD\CAM restoration
17°X2 (7441)	AUC-TCT-N (5201)	USP (5317) USL (5318)	Dual Use Scan Body IOSB-TSA-N (5004) Adhesive Coping TAC-TSA-N (5015)
17°X3 (7442)	AUC-TSA1.5-N (5204)		
30°X2 (7444)	AUC-TSA2.5-N (5203)		
30°X3 (7445)			

* AlphaUniverse angled abutments (two-piece)





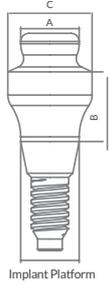


Overdenture Restoration Conical Hex Connection

AlphaLoc Overdenture



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



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

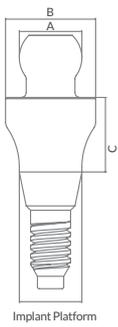
AlphaLoc Insertion Tool

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
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Code	H	NC	NCT	NCA
Ref. No.	6240	6250	6251	6253







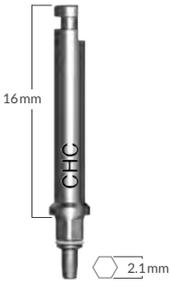
Surgical Instruments & Tools

Conical Hex Connection

Implant Insertion Tools

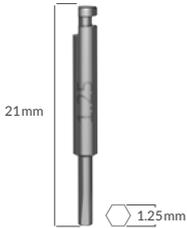
A variety of 2.1 mm drivers for manual use or with a contra angle motor or ratchet:

- 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

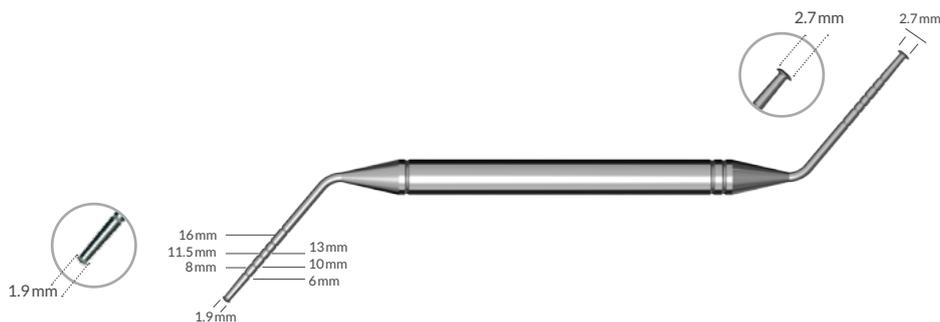
	Contra Angle Motor Mount	Hex Driver Short*	Hex Driver*	Hex Driver Long*	Manual Screw Driver Short	Manual Screw Driver
						
Code	HT 1.25M	HTD 1.25 S	HTD 1.25	HTD 1.25L	HHSS 1.25	HHS 1.25
Ref. No.	4165	4056	4055	4061	4053	4052
Instructions	To be used with a contra angle motor	Fits hexagonal 6.35 mm or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

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

Parallel and Depth Guides*

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

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.

* Compatible with Internal Hex & Conical Hex Connection Platforms.

Surgical Accessories*

Ratchet Wrench (Stainless Steel)

Ref. No. 4011

Code: RAT



Used with 6.35 mm hex drivers. Can be adapted for use with 4 mm square head drivers when using USH 4012.

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.
Can be adapted for use with the 4 mm square heads drivers when using USH 4012.

Universal Square Ratchet Head Adaptor (Stainless Steel)

Ref. No. 4012

Code: USH



Ratchet adapter for the 4 mm square head drivers.

Surgical Screwdriver

Ref. No. 4220

Code: SDH



Used with 6.35 mm hexagonal head.

* Compatible with Internal Hex & Conical Hex Connection Platforms.

Introduction

Kits & Drills

Internal Hex
Implants

Internal Hex
Prosthetics

Internal Hex
Instruments & Tools

Conical Hex
Implants

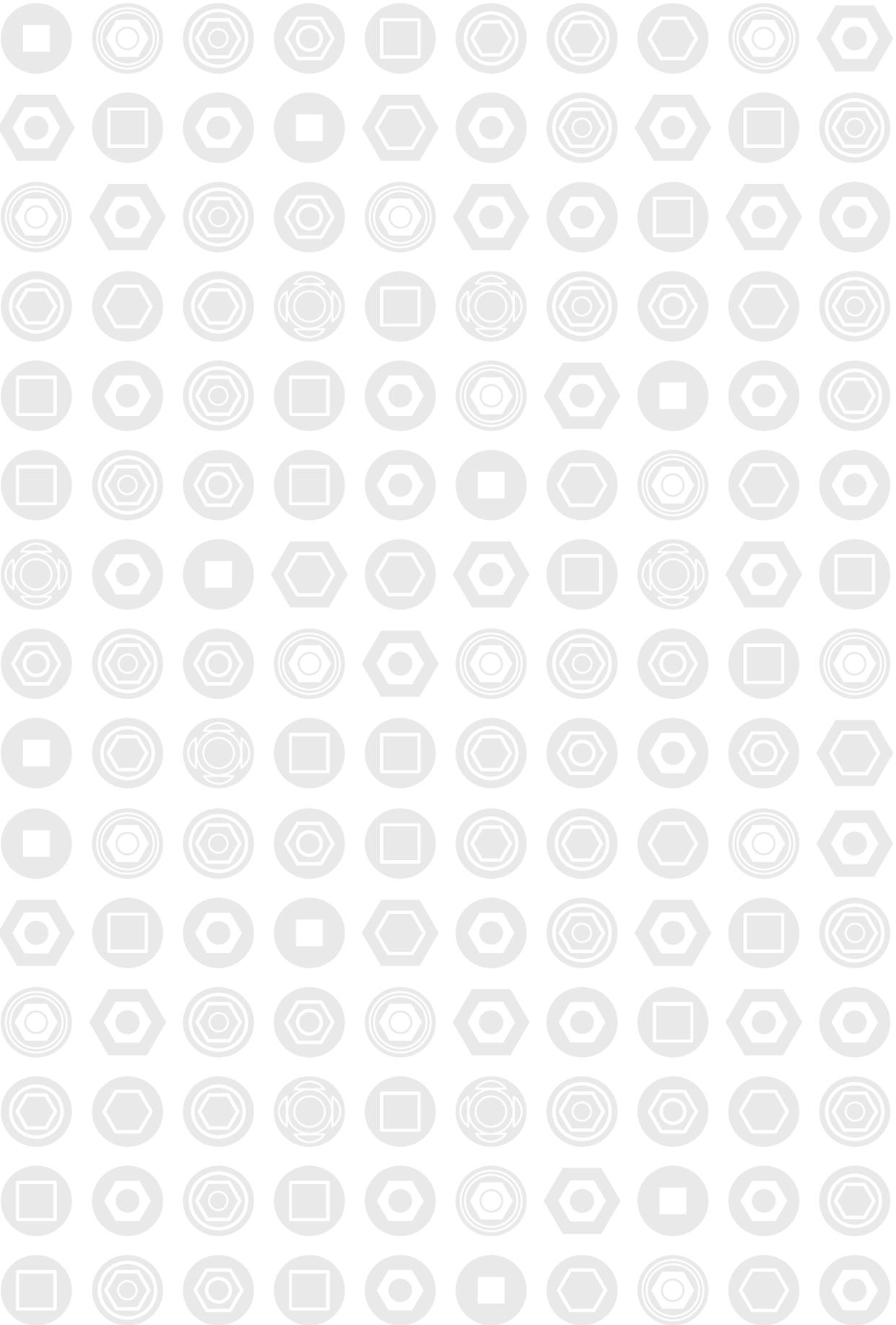
Conical Hex
Prosthetics

Conical Hex
Instruments & Tools

Arrow System

Digital Solutions

Biomaterials



Arrow Implant Systems Prosthetics and Tools

Alpha-Bio Tec's Arrow implants are especially designed for narrow alveolar ridges where the bone space is too limited to use the internal hex's implant, or when the space between the two adjacent teeth is too narrow for a standard abutment restoration. The uniqueness of these implants is that they can be placed at bone level or below (transgingival implants).





Arrow Press Changeable Implants

A narrow two-piece implant with a variety of changeable abutments for maximal flexibility in rehabilitation between premolars.



Arrow Press Implants

One-piece implant with an integrated gold color abutment designed for use in very narrow alveolar ridges, mainly in maxillary lateral and mandibular incisors.

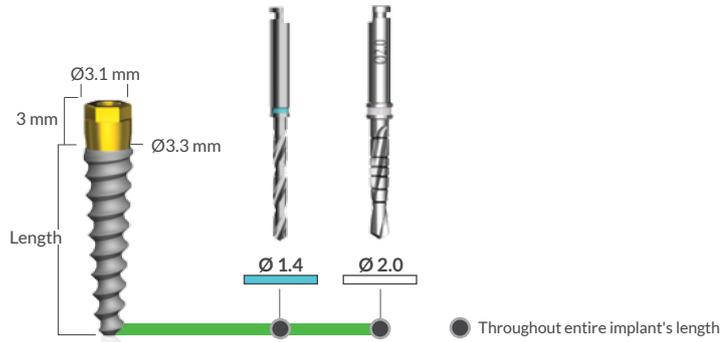


Provisional Arrow Implants

The two provisional arrow implant systems ARR and ARB are intended to support temporary prosthesis during the healing phase, both as a one-piece implant with straight abutment (ARR) and as a ball attachment (ARB). The systems are designed for single stage surgical procedures in cement retained restorations and overdenture restorations.



ARRC Arrow Press Changeable Implant



3.3 mmd			
Length	10 mm	11.5 mm	13 mm
Ref. No.	2520	2521	2523



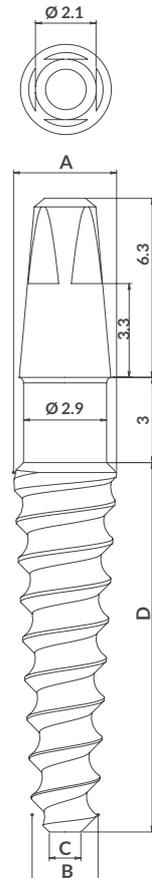
CSTC – Serves both as a cover screw and a healing abutment Ref. No. 135-001

Important!

- Ø1.4 - Drill tip should be considered.
- Ø2.0 - Drill tip should NOT be considered.

ARRP Arrow Press Implant

Diameter	Length	Ref. No.	Dimensions			
			A	B	C	D
Ø 3.0	10 mm	2420	Ø 3.0	Ø 2	Ø 0.95	10
	11.5 mm	2421	Ø 3.0	Ø 1.85	Ø 0.85	11.5
	13 mm	2423	Ø 3.0	Ø 1.7	Ø 0.75	13
	15 mm	2425	Ø 3.0	Ø 2	Ø 0.7	15
Ø 3.3	10 mm	2430	Ø 3.3	Ø 2.3	Ø 1.3	10
	11.5 mm	2431	Ø 3.3	Ø 2.15	Ø 1.15	11.5
	13 mm	2433	Ø 3.3	Ø 2	Ø 1	13
	15 mm	2435	Ø 3.3	Ø 1.8	Ø 0.8	15
Ø 3.6	10 mm	2440	Ø 3.6	Ø 2.6	Ø 1.6	10
	11.5 mm	2441	Ø 3.6	Ø 2.45	Ø 1.45	11.5
	13 mm	2443	Ø 3.6	Ø 2.3	Ø 1.3	13
	15 mm	2445	Ø 3.6	Ø 2.1	Ø 1.1	15



Important:

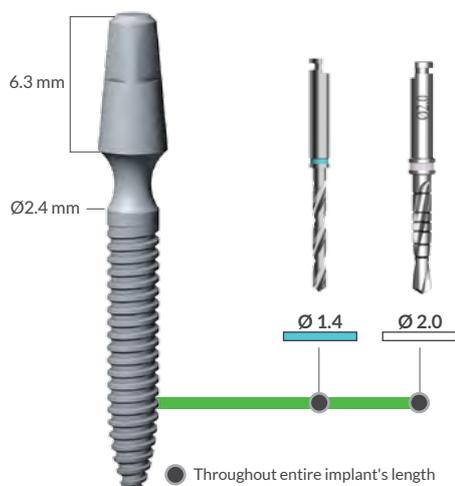
- In cases of extremely hard bone it is recommended to make adjustments to the drilling protocol.
- While below protocol is recommended for most clinical cases, additional professional consideration may be required in specific cases.
- Ø1.4 - Drill tip should be considered.
- Ø2.0, Ø2.8 - Drill tip should NOT be considered.

Straight Drilling Sequence

Ø Diameter (mm)	Soft bone Type IV - III	Hard bone Type I-II
Ø3.0	1.4	1.4 2.0
Ø3.3	1.4	1.4 2.0
Ø3.6	1.4 2.0	1.4 2.0 2.8

ARR

Provisional Arrow Implant



- One piece implant with an integrated abutment
- Indicated to support provisional prosthesis during the healing phase, following conventional endosseous implant surgery or for long term use
- Designed for single stage surgical procedures and cement restorations
- Can be placed between permanent implants during surgery
- Implant surface: Acid etched 0.5-5 micron

2.4 mmd

Length	10 mm	13 mm
Ref. No.	2400	2403

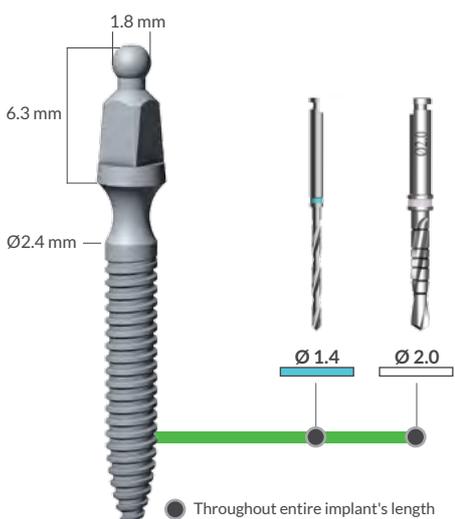
Important!

Ø1.4 - Drill tip should be considered.

Ø2.0 - Drill tip should NOT be considered.

ARB

Provisional Arrow Ball Implant



- One piece implant with an integrated ball abutment
- Indicated to support provisional prosthesis during the healing phase, following conventional endosseous implant surgery or for long term use
- Can be placed between permanent implants during surgery
- Implant surface: Acid etched 0.5-5 micron

2.4 mmd

Length	10 mm	13 mm
Ref. No.	2401	2404

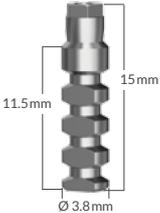
Important!

Ø1.4 - Drill tip should be considered.

Ø2.0 - Drill tip should NOT be considered.

Prosthetics for Arrow Implant Systems

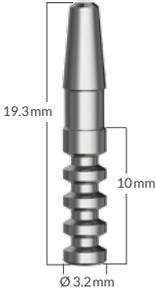
The Arrow prosthetic system is suitable for narrow implants allowing restoration in small prosthetic spaces. The Arrow Press Changeable (ARRC) restoration parts includes straight, angled and casting abutments as well as ball attachments in various lengths for versatile restoration on narrow implants.

ARRC Impression		
	Implant Analog for ARRC	Closed Tray Transfer for ARRC
		
Code	IAC*	HLTC
Ref. No.	138-001	132-001

Prosthetic Elements for ARRC Implants - Cement Retained Restoration				
	Straight Titanium Abutment	Angled Titanium Abutment 15°	Plastic Abutment for Casting	Abutment Screw
				
Code	TLARC	TLARC15	PTLAC	STLAR
Ref. No.	5273	5271	5272	5124

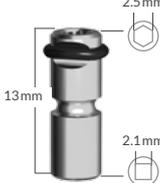
Prosthetic Elements for ARRC Implants - Overdenture Fixation									
	Ball Attachment Screw (Titanium)					Nylon Cap for 2.5 mmd (normal)			
									
Code	SBC	SBC1	SBC2	SBC3	SBC4	H	NC	NCT	NCA
Ref. No.	2507	2508	2509	2573	2574	6240	6250	6251	6253

Prosthetics for Arrow Implant Systems

Prosthetic Elements for ARRP and ARR Implants					
	Arrow Implant Analog (Stainless Steel)	Arrow Telescope Cap (Titanium)	Arrow Cap (Plastic)		Titanium Abutment for ARRP
					
Code	IAARR	ATC*	APC**	APC-AR**	TLARP
Ref. No.	2416	2405	2417	2418	2466
Instructions	* For cementation ** Use as impression and for casting				

Prosthetic elements for ARB Implants		
Mini Arrow Nylon Cap for 1.8 mmd		
	Mini Stainless steel housing	Mini Nylon Ball Cap
		
Code	AH	ANC
Ref. No.	2411	2410

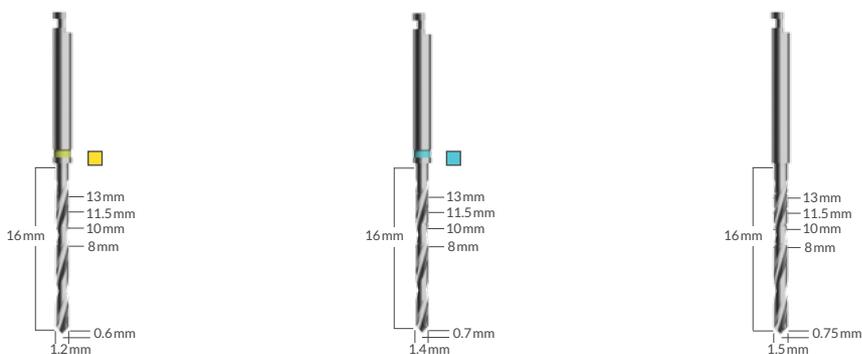
Arrow Implants Insertion Drivers

Arrow and Arrow Press Drivers (Stainless Steel)				
	Arrow Driver 2.1mm	Arrow Driver 2.1mm Short	Arrow Adaptor for ITD 2.5	
				
Code	AHTD*	AHTDS*	AHTITD**	
Ref. No.	2412	2413	4154	
Instructions	* Fit hexagonal 6.35mm or square 4 mm ratchet or surgical screwdriver. ** To be used as an adaptor for placement of Arrow Press implants using Internal Hex implants insertion tools.			

Arrow Press Changeable Implant Drivers (Stainless Steel)				
	ARRC Long Driver 2.7mm	ARRC Driver 2.7 mm	ARRC Adaptor for ITD 2.5	
				
Code	AHTBL*	AHTB*	AHTCA**	
Ref. No.	4531	2415	4156	
Instructions	* Fit hexagonal 6.35mm or square 4 mm ratchet or surgical screwdriver. ** To be used as an adaptor for placement of ARRC implants using Internal Hex implants insertion tools.			

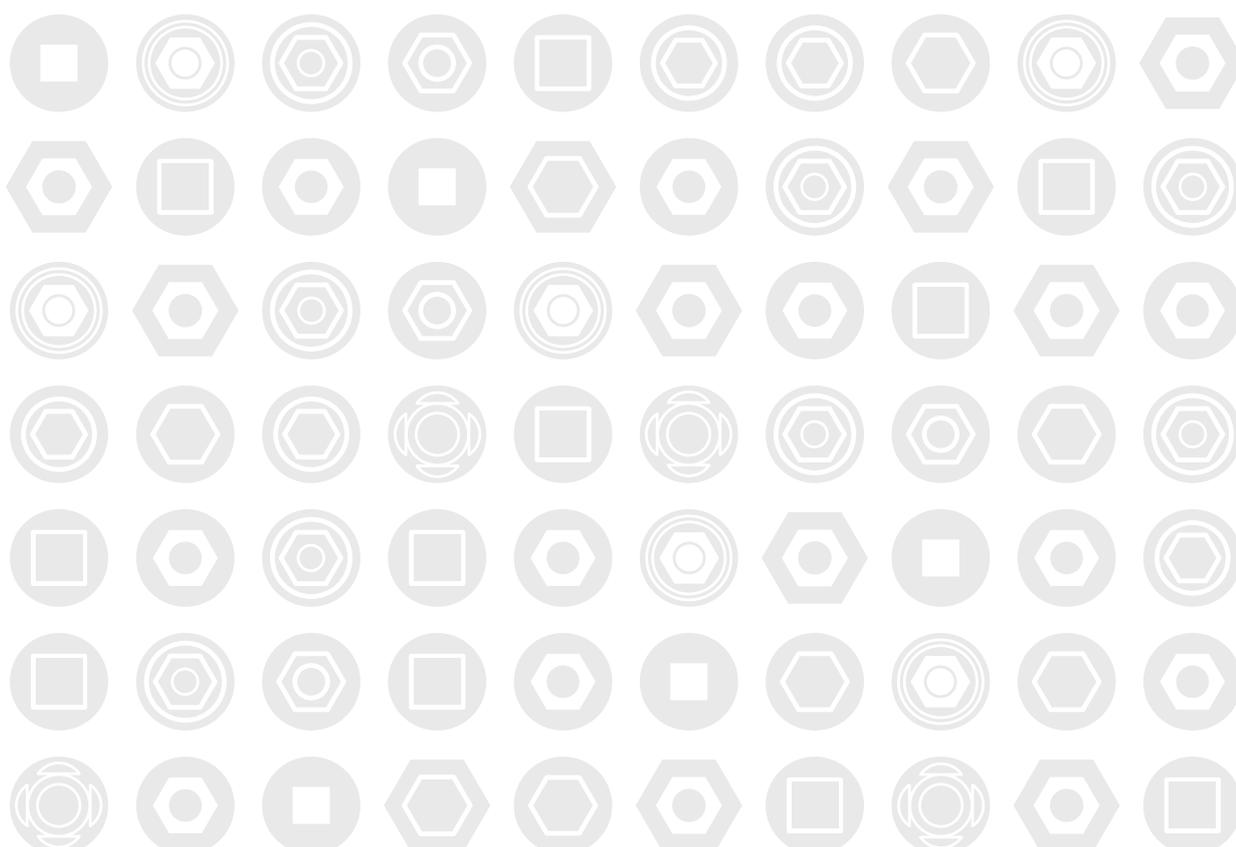
Surgical Drills

Narrow Drills (Stainless Steel)



Diameter	1.2 mm	1.4 mm	1.5 mm
Code	DRX1.2	DRX1.4	DRX1.5
Ref. No.	4669	4670	4671
Instructions	The drill tip length should be considered when preparing the osteotomy.		

Note: Ø1.2 and Ø1.5 drills are not included in our drilling protocols. Nevertheless, they are offered as an option for widening the surgeon's possibilities.





Digital Restoration Line

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



CAD/CAM Cement-retained Restoration



Cement Retained restoration is compatible with Internal Hex and Conical Hex Connection implants

CAD/CAM Screw-retained Restoration



A wide selection of restoration parts is available for restoration at TCT-N, TSA-N levels for Internal Hex Connection implants



Scan Body Organizer Box

Scan body Organizer box is available for easy storage and use



● Dual Use Scan Bodies

(for lab and/or Intra-oral use)

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

Advantages at a glance:

- Biocompatible, autoclaveable.
- PEEK body and titanium base for accurate long lasting use.
- Laser marks for easy identification.
- Detachable screw for easy cleaning.
- Standard abutment screw – No need for special driver.
- Unique non symmetric geometry for easy scan.
- Supports both internal hex and conical hex connections for TCT-N screw-retained restoration.
- Compatible with a wide range of CAD/CAM systems
- Available in regular, wide or angled shape for all restoration areas.

● Titanium bases and adhesive copings

Are used as adapters between the CAM manufacture restoration and the implants .

Advantages at a glance:

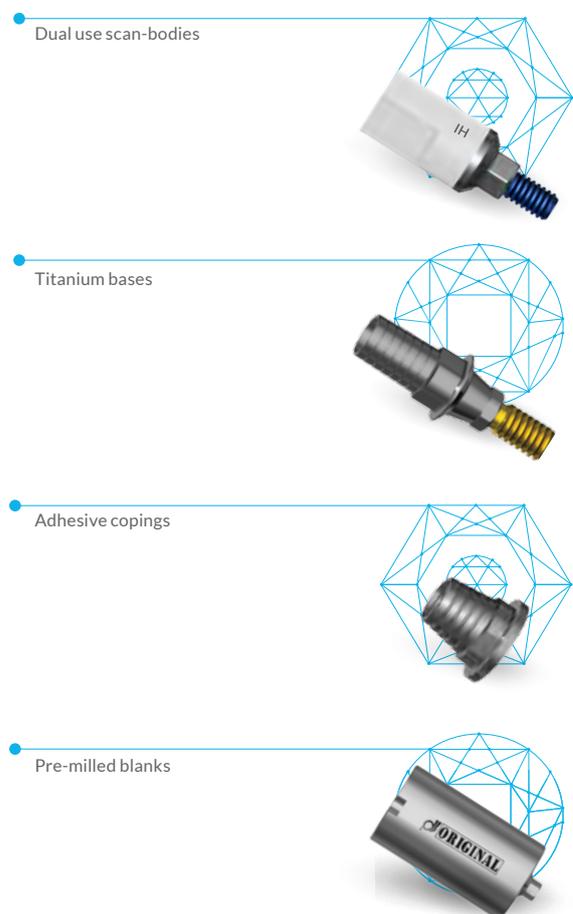
- Fabricated with the exact tolerances, ensuring best reliable implant to restoration fit.
- Support of cement and screw retained restoration.
- Support of single tooth (engaged) and bridge (non-engaged) restoration.
- Supports cement-retained restoration for for IH and CHC platforms.
- Supports both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

● Pre-milled Blank abutments

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

Advantages at a glance:

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



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



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Cement-retained Restoration Internal Hex Connection

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

Dual Use Scan Body

IOSB-IH
5001

For lab use and intra-oral

	Ti Bases				Ti Bases - Wide	
	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
Instructions	For single tooth restoration		For bar/bridge restoration		For posterior / wide teeth	

Ti Base - Angled

Engaged (single tooth)

Dimensions
A: Ø4.5 mm
B: 5 mm
C: 5.5 mm
D: 0.6 mm

Code
ACCTB

Ref. No.
5005

Instructions
For restoration in an angle

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

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



Cement-retained Restoration Conical Hex Connection

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



Dual Use Scan Body

IOSB-CHC
5002

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
Instructions	For single tooth restoration		For bar/bridge restoration	

Angled Ti Base

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

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

Pre-milled blanks

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



Screw-retained Restoration - TCT-N

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

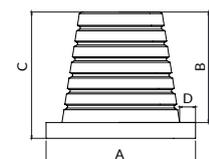


Dual Use Scan Body

IOSB-TCT-N
5003

For lab use and intra-oral

Adhesive Copings



Engaged (single tooth)

Non Engaged (bridges/bars)



Dimensions

A: Ø4.7 mm
B: 3.5 mm
C: 4 mm
D: 0.5 mm

A: Ø4.7 mm
B: 3.5 mm
C: 4 mm
D: 0.5 mm

Code

TAC-TCT-N

TAC-TCT-N-R

Ref. No.

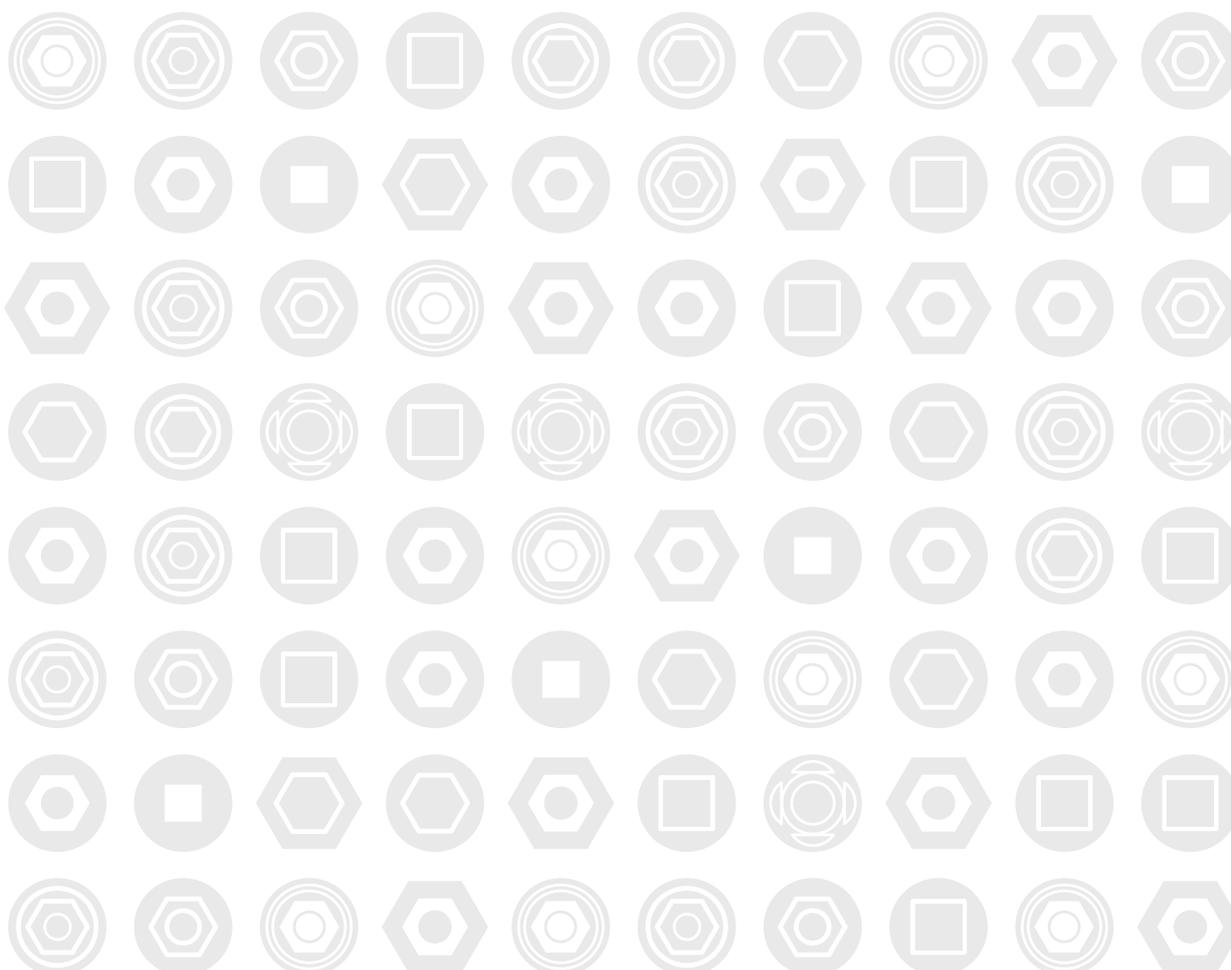
5028

5029

Instructions

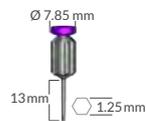
For single tooth

For bar/bridge



Tools & Accessories

Manual Screw Driver



Scan Body Organizer Box



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



Cement-retained Restoration Internal Hex Platform

Screws

Analogs



Code	STLAS	STLAT	IA	IA5	IA6	AN-PM
Ref. No.	5122	5121	5080	5280	5290	4995
Instructions	Standard abutment screw (included in package)	For lab use (optional)	Choose according to implant. IA5 and IA6 are not compatible with I.C.E and NeO implants.			For printed models



Cement-retained Restoration Conical Hex Platform

Screw

Analog



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



Screw-retained Restoration - TCT-N

Screws

Analog



Code	SF-N	SFT-N	S-DM-SR	BTT-N	AUC-BTT-N
Ref. No.	6092	6093	4994	5211	5212
Instructions	Clinical-Silver (included in package). standard multiunit TCT-N screw	Lab use multiunit TCT-N screw	For direct mounting	Suitable for TCT-N	Suitable for TCT-N

Supported Systems

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



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Download Instruction

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

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

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

Software Libraries – General information:

- **Supported systems** - Software libraries for leading CAD/CAM systems containing all relevant restoration parts (Scan Abutments, Ti-Bases, Adhesive Copings Screws and Analogues) are available for download. The company may update its supported systems list from time to time according to market requirements.
- **Library type** - Library files are defined by the scan body type in use. One for use with 7mm Dual use scan bodies scan bodies and the other for use with 10mm LAB ONLY. Make sure you download and use library that matches the scan abutments in use.
- **Glue Gap** - Library files are available with standard 40 micron gap for glue. (Recommended for most cases, especially for milling technology and CAM systems with glue gap amendment capability). Library files for Stereolithography technology based restoration are available with 70 micron glue gap.
- **Milling Tools shape and size** - For best milling results it is recommended to take in consideration CAM S/W milling strategy and choice of tools, size and shape.
- **Angled abutments** - Available in 2 versions. The "B" version should be used when the scan abutment is placed with the short flat face placed buccally as well as the slanted side of the base. The "L" version should be used when the slanted side of the base is place on the lingual side.
- **Direct mounting for screw retain** - Libraries files includes option for direct restoration mounting over TCT-N without the use of adhesive coping. Make sure you carefully read the IFU and follow the indications quoted.
- **Restoration Limits**- No restoration limits are applied to library elements except for screw insertion line!

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

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

The logo for AlphaBio's GRAFT features a stylized 'A' composed of three overlapping curved shapes in red, orange, and green. To the right of this graphic, the text 'ALPHABIO'S' is in a smaller, uppercase sans-serif font, and 'GRAFT' is in a larger, bold, uppercase sans-serif font. A vertical line separates 'GRAFT' from the word 'Biomaterials', which is in a medium-sized, uppercase sans-serif font.

ALPHABIO'S GRAFT | Biomaterials

A Growing Success

With 3 decades of experience in implantology, Alpha-Bio ^{Tec} has assembled one of the most efficient and comprehensive biomaterials product lines available today. Alpha-Bio'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 reinsertion time.



AlphaBio'S GRAFT 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 such as 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.
109	HS3	Healing Abutment L3.0mm	32
110	HS5	Healing Abutment L5.0mm	32
111	CST	Cover Screw	32
112	HSS3	Slim Healing Abutment L3.0mm	32
113	HSS5	Slim Healing Abutment L5.0mm	32
114	HSS4	Slim Healing Abutment L4.0mm	32
116	HS2	Healing Abutment L2.0mm	32
117	HS4	Healing Abutment L4.0mm	32
118	HS6	Healing Abutment L6.0mm	32
119	HS7	Healing Abutment L7.0mm	32
120	HSD5-3	Wide D5.0mm Healing Abutment L3.0mm	33
121	HSD5-5	Wide D5.0mm Healing Abutment L5.0mm	33
122	HSD6-3	Wide D6.0mm Healing Abutment L3.0mm	33
123	HSD6-5	Wide D6.0mm Healing Abutment L5.0mm	33
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128	HS6-3	Healing Abutment D6.0 H3.0mm	33
129	HS6-5	Healing Abutment D6.0 H5.0mm	33
130	HS7-3	Healing Abutment D7.0 H3.0mm	33
131	HS7-5	Healing Abutment D7.0 H5.0mm	33
132	HS8-3	Healing Abutment D8.0 H3.0mm	33
133	HS8-5	Healing Abutment D8.0 H5.0mm	33
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1001	ICE	Implant Classical Esthetic Narrow D3.7mm L11.5mm	28
1003	ICE	Implant Classical Esthetic Narrow D3.7mm L13mm	28
1010	ICE	Implant Classical Esthetic D3.75mm L10mm	28
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1013	ICE	Implant Classical Esthetic D3.75mm L13mm	28
1016	ICE	Implant Classical Esthetic D3.75mm L16mm	28
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1030	ICE	Implant Classical Esthetic D4.65mm L10.0mm	28
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1036	ICE	Implant Classical Esthetic D4.65mm L6.0mm	28
1038	ICE	Implant Classical Esthetic D4.65mm L8.0mm	28
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1166	NEO	Neo H D3.75mm L16.0mm	24
1168	NEO	Neo H D3.75mm L8.0mm	24
1170	NEO	Neo H D4.2mm L10.0mm	24
1171	NEO	Neo H D4.2mm L11.5mm	24
1173	NEO	Neo H D4.2mm L13.0mm	24
1176	NEO	Neo H D4.2mm L16.0mm	24
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1180	NEO	Neo H D5.0mm L10.0mm	24
1181	NEO	Neo H D5.0mm L11.5mm	24
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1300	SPI	Spiral Implant D3.3mm L10.0mm	27
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