

Product Catalog **2016**
Smart Implantology Solutions

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The Art of Simplantology

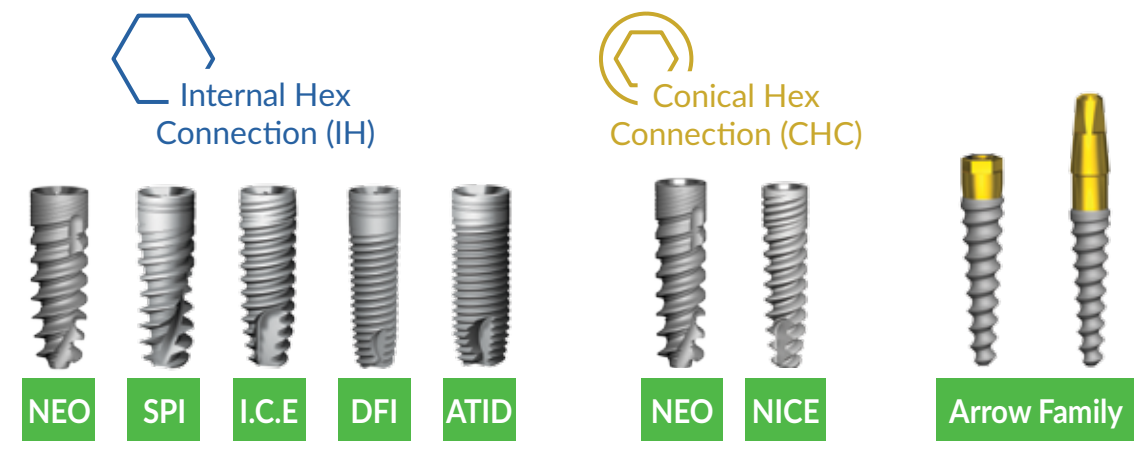
Making Implantology Simple

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. Alpha-Bio Tec's line of implants is comprised of two platforms our traditional Internal Hex connection and the newly developed Conical Hex Connection and suites a wide range of clinical demands.

Our prosthetic components and surgical kit are compatible with both platforms and designed to facilitate the physician job.

Implant systems

Our implants system is comprised of two platforms our 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 covers 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 bone. Our implants support most of the procedures. Retrospective clinical data shows that Alpha-Bio Tec implants achieve an overall clinical survival rates of 99.6% (Strietzel); 96% in the maxilla and 98% in the mandible (Artzi).*



Prosthetics

For each of our implants platforms we offer a wide range of options for any clinical need, including fixed and removable restorations, screw based or cemented prosthesis. The prosthetic parts are interchangeable between diameters as per the preference of the dental professional.

All parts are designed for ease of use and high esthetic appearance.



Surgical Instrumentation

Further evidence of our development of 'simplicity' is the creation of a universal surgical kit, where surgeons have all the tools they need to perform most of the procedures. Our single surgical kit was especially designed to answer all of the professional requirements when using any of our range of implants. The kit includes all the tools required for: 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 - CAD/CAM Restoration

Extending the art of Simplantology, to your CAD/CAM restoration jobs, making it as simple as our implant systems. Alpha-Bio Tec Introduces a comprehensive range of restoration products for your CAD/CAM restoration jobs on Internal Hex and Conical Hex connection Platforms.



Alpha-Bio's GRAFT

Alpha Bio's Graft includes a comprehensive biomaterials product line which provide 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.

*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.



Scan to view the corporate movie:



Smart Implantology Solutions

For over 25 years Alpha-Bio Tec. has been a leader in developing, manufacturing and marketing implants, prosthetics parts, biomaterials and a variety of dental surgical instrumentation. Alpha-Bio Tec believes in making implantology simple, while manufacturing the highest quality products for the global market and providing customers with the best service possible... Simplantology!

SIMPLICITY: At Alpha-Bio Tec. we believe in making the work of dental professionals, dentists and lab technicians, as easy as possible.

Through advanced research and years of development, Alpha-Bio Tec. offers implants that are based on two platforms, Internal Hex and Conical Hex connections.

Each platform consist of a wide range of prosthetic parts that that are highly developed and easy to use.

Further evidence of our development of 'simplicity' is creating a universal surgical kit, where surgeons have all the tools they need to perform any procedure.

All of Alpha-Bio Tec's new products are designed and developed with existing systems and tools in mind, allowing for a minimal learning curve, reduced stocks and cost efficiency.

GLOBAL: Alpha-Bio Tec. has strengthened its global sales and marketing team to focus its attention on the varied needs of dental professionals worldwide. Alpha-Bio Tec is focused on broadening its international reach in order to increase the feedback from the global marketplace, leading to even more specialized products and services.

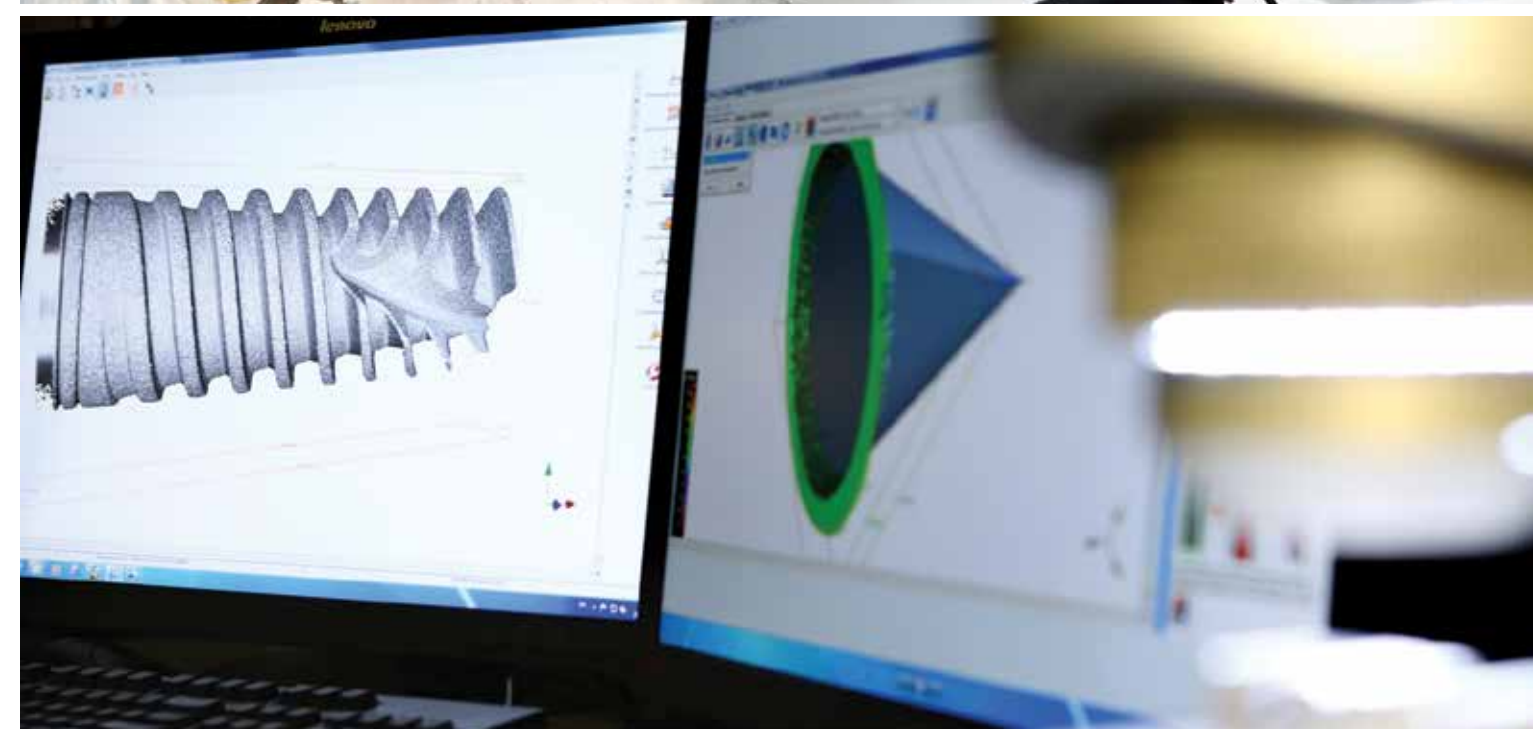
QUALITY: Alpha-Bio Tec. has established strict quality system that complies with the highest level of quality system standards.

Alpha-Bio Tec's products are cleared for marketing in the USA* and are CE-marked in accordance with the Council Directive 93/42/EEC and Amendment 2007/47/EC. Alpha-Bio Tec complies with EN ISO 13485:2012 and the Canadian Medical Devices Conformity Assessment System (CMDCAS).

SERVICES: Alpha-Bio Tec highly values great customer service and sells its products through a network of distributors and sales representatives worldwide. Alpha-Bio Tec's new Training and Education Center provides highly professional courses, lectures, and practical training to dental professionals around the world.

Alpha-Bio Tec provides a Lifetime Warranty on its range of implants, providing the implantologist with peace of mind.

* Product availability may vary between countries. Some products may not be available in the USA.



ALPHA-BIO TEC NANOtec™ Implant Surface

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

Alpha-Bio Tec implants are made of **Titanium alloy Ti 6Al 4V ELI**. It is an extremely 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.

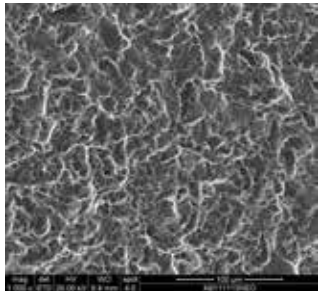
The micro-structure and roughness properties of the implant surface created by the sandblasting and double acid etching process, greatly influence the dynamic wettability of implant surfaces during the initial contact with the host.

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

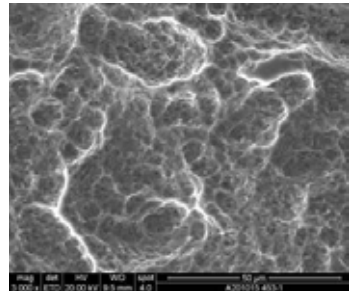
NanoTec™ implant surface process advantages:

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

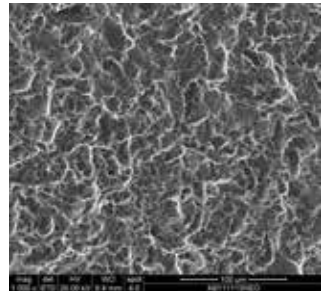
SEM of implant surface



Magnification: X 1000

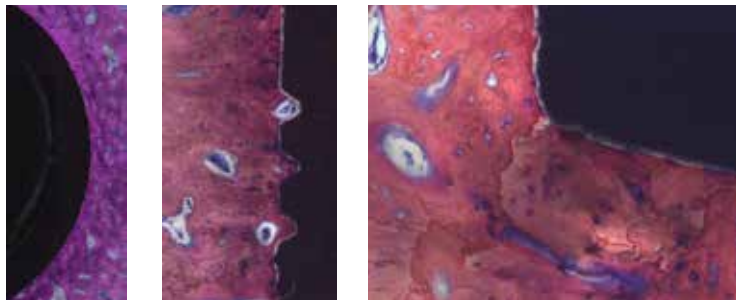


Magnification: X 3000



Magnification: X 12000

Histology*



* **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

For additional information,
scan our code:



The Multi-function Implant Package is based on extensive research and development. It presents new features which 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.

New 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) Platform



Conical Hex Connection (CHC) Platform

Surgical Kit

One Kit for All Implant Systems



Mini Kit

Mini Kit designed for your individual needs,
light and compact



Stoppers & Stopper Kit

New Stopper Kit, compact, ergonomically and esthetically designed.
Stoppers are compatible only with ABT's coated drill line



Advanced Drill line

Coated Straight & Step Drill, Standard
stainless drills



One Kit for All Implant Systems

SURGICAL KIT

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

Features and advantages:

- Ergonomically designed surgical kit, best fit for physician's needs
- Light, compact and easy to carry with silicone holders to prevent movements during transportation, made for shock resistant
- Parts are clearly visible and easily accessible for quick, intuitive approach
- Laser etched marking on the tray including a dimension bar for effective drill depth verification
- Easy cleaning and autoclavable, guaranteed for over 1000 cycles of sterilizations
- Box and tray are made from Radel®
- Stainless steel bath
- Box dimensions : 19cm X 14cm X 6cm



ORDERING INFORMATION: REF. NO 4613

Kit is provided empty. The tools and drills must be ordered separately.

MINI KIT BOX

Mini Kit designed for your individual needs, light and compact.

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

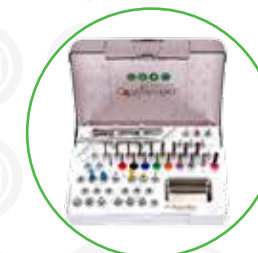


ORDERING INFORMATION: REF. NO. 4611

Kit is provided empty. The tools and drills must be ordered separately.



- Ratchet Wrench
- IDG Depth Probe
- Paraglide system
- Parallel/Depth guide
- Step drills
- Straight drills
- IH/CHC Drivers
- Dimension bar for effective drill depth



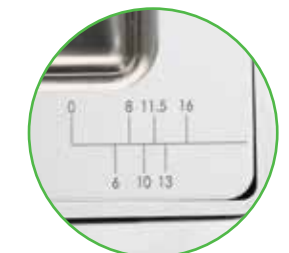
One kit for all implants



Single hand opening option



Coated drills



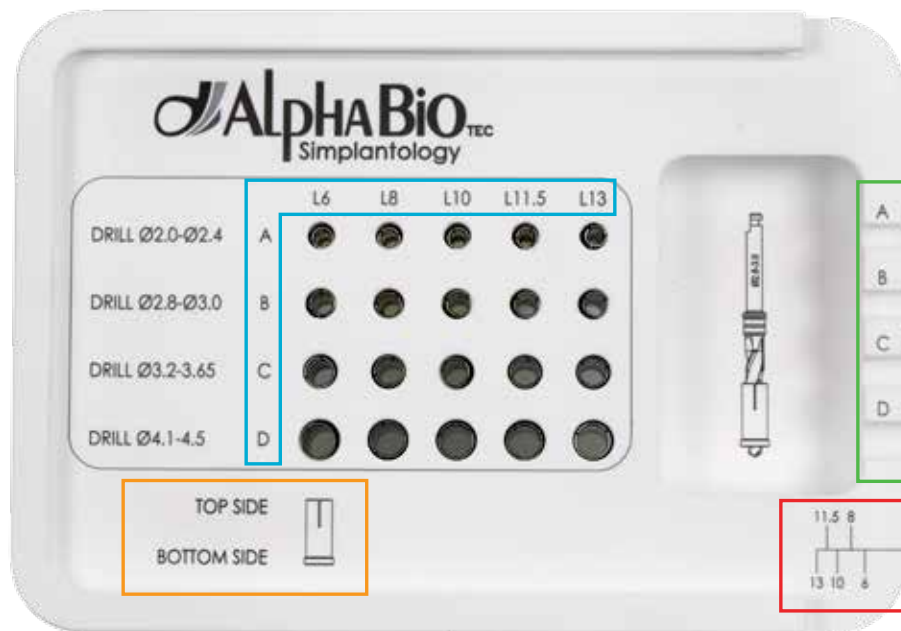
Dimension bar for effective drill depth

Stopper Kit

Alpha-Bio Tec is pleased to introduce its new Stopper Kit, compact, ergonomically and esthetically designed. The Stopper Kit gives you the tools and the confidence you need to perform the perfect osteotomy - easily control drill depth accuracy and simplify procedures by reducing chair time.

Features & Advantages:

- Well-organized kit - all parts are clearly visible and easily accessed
- Box and stopper are laser marked for stopper 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 eIFU 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

Introducing innovative, comprehensive and easy to use drill line and drill stoppers. All drills are color-coded with clear depth marks for easy identification of the osteotomy depth.

Features & Advantages:

- 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

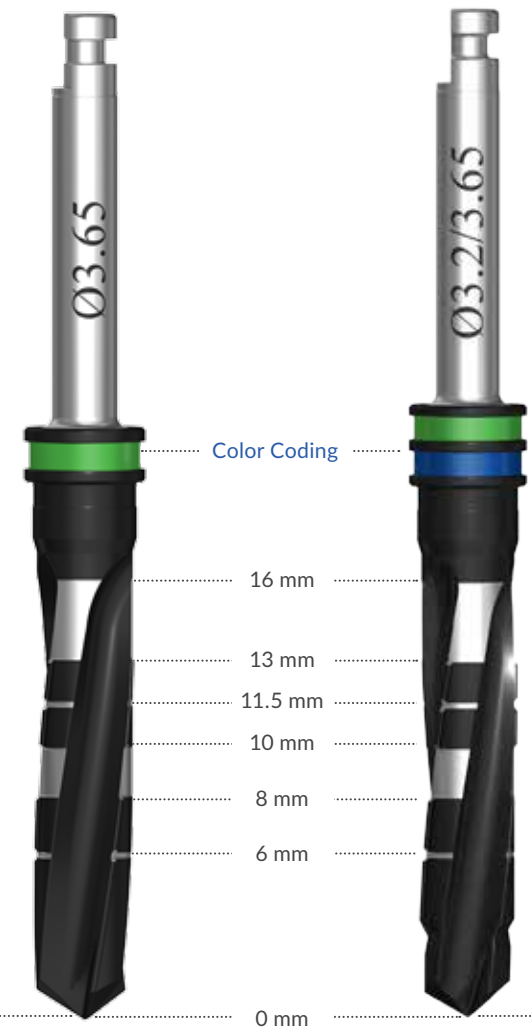
Alpha-Bio Tec.
Clinically-Proven Solutions



Scan to learn more about our unique design features

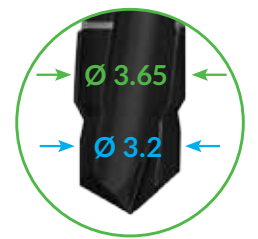
COATED STRAIGHT DRILLS

- 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




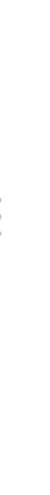





- Stoppers are compatible with Alpha-Bio Tec's coated drill line
- Each stopper is designed for two diameters
- Stoppers are designed with a special feature that prevents heating of the bone during osteotomy preparation
- Made from stainless steel, reusable and can be re-sterilized



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
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
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
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 Bur (Stainless Steel)				Trephine Burs (Stainless Steel)	
Diameter	2.3 mm	3 mm	4 mm	4 mm	5 mm
Code	RB2.3	RB3	RB4	DRT4	DRT5
Ref. No.	4303	4304	4305	4940	4950
Instructions	For various bone manipulations, such as penetration of the cortical plate of the alveolar crest			For harvesting bone 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	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	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 the ability of redirection of the implant 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	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	Slightly tapered Double thread design with variable threads Apex with cutting flutes
Unique clinical benefits	<ul style="list-style-type: none"> Easy stabled and controlled during placement Long-term stability Large surface area
Recommended bone type	I & II

ATID



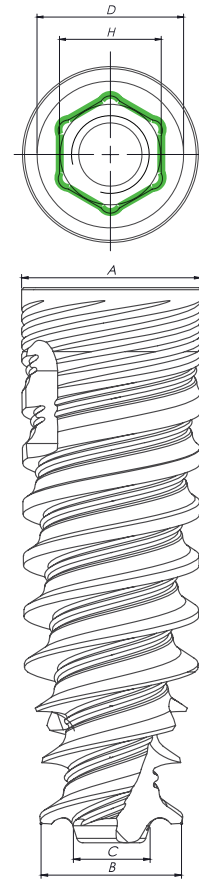
Conventional	
Why ATID	Conventional cylindrical implant for maximum results
Unique design feature	Cylindrical Parallel walls Multi-format threads Greatest surface area
Unique clinical benefits	<ul style="list-style-type: none"> Increase BIC Minimal pressure on hard bone
Recommended bone type	All

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'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



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

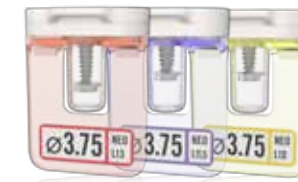
New Implant System System Package

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



Drivers

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



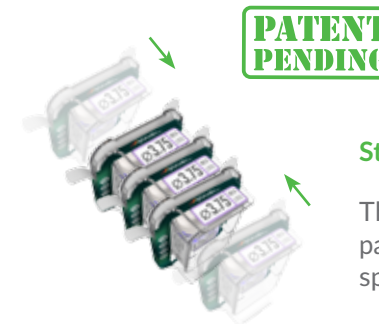
Color coded holder

Holders are color coded for easy identification of implants length



Identification labels

Labels indicates implant's type, length and diameter



Stack several packages together

The new packaging, features a unique design that enables to stack several packages together and keeps your stock organized with maximum storage space efficiency

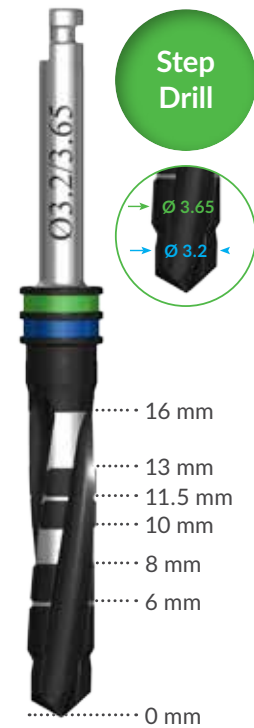
- Tear the cardboard
- Pull the tyvek
- Remove the inner holder
- Open the cap - easy one hand operation
- Insert preferred driver in a continuously clockwise turn until hex is found
(Ratchet is for illustration only)
- Implant is now securely connected to driver and can be easily removed from package. Verify there is no gap between driver and implant
- Implant can be inserted directly to site
- 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	2.4/2.8
		2.8/3.2	2.8/3.2
Ø 4.2	2.0	2.0	2.0
	2.4/2.8	2.4/2.8	2.4/2.8
	2.8/3.2	3.2/3.65	3.2/3.65
Ø 5.0	2.0	2.0	2.0
	2.4/2.8	2.4/2.8	2.4/2.8
	3.2/ 3.65	3.2/3.65	3.2/3.65
		3.65/4.1 Cortical	3.65/4.1
			4.1/4.5
			4.5/4.8 Cortical

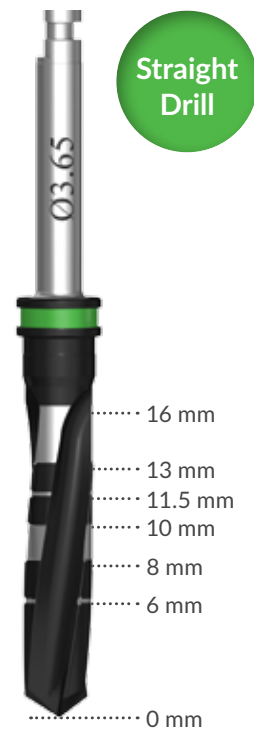
Cortical - Drill through cortical plate with the larger diameter



Straight Drilling Sequence

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

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



SPI The Original Spiral Implant

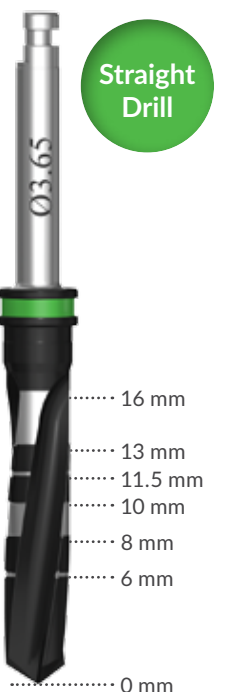
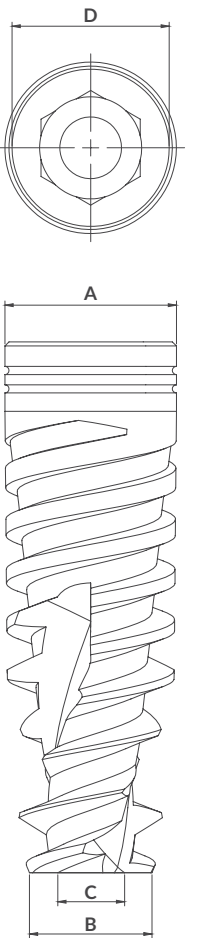
Ø Diameter	Length	Ref. No.	Dimensions			
			A	B	C	D
Ø 3.3	8 mm	1308	Ø 3.7	Ø 2.55	Ø 1.55	Ø 3.5
	10 mm	1300	Ø 3.7	Ø 2.55	Ø 1.55	Ø 3.5
	11.5 mm	1301	Ø 3.7	Ø 2.55	Ø 1.55	Ø 3.5
	13 mm	1303	Ø 3.7	Ø 2.55	Ø 1.55	Ø 3.5
	16 mm	1306	Ø 3.7	Ø 2.55	Ø 1.55	Ø 3.5
Ø 3.75	8 mm	1358	Ø 3.85	Ø 2.9	Ø 2	Ø 3.5
	10 mm	1350	Ø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

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
Ø 3.75	2.0	2.0	2.0
	2.8	2.8	2.8
		3.2	3.2
Ø 4.2	2.0	2.0	2.0
	2.8	2.8	2.8
	3.2	3.2	3.2
Ø 5.0	2.0	2.0	2.0
	2.8	2.8	2.8
	3.2	3.2	3.2
Ø 6.0	3.65	3.65	3.65
	4.1	4.1	4.1
	4.8	4.8	4.8
		5.2	5.2
			5.8 Cortical

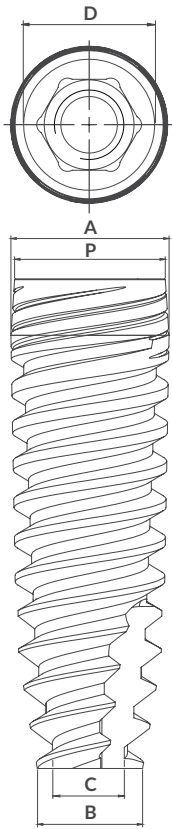
Cortical - Drill through cortical plate



ICE Implant for Classical Esthetics

Ø Diameter	Length	Ref. No.	Dimensions				
			A	B	C	D	P
Ø 3.7N	10 mm	1000	Ø 3.7	Ø 2.2	Ø 1	Ø 3.5	Ø 3.7
	11.5 mm	1001	Ø 3.7	Ø 2.2	Ø 1	Ø 3.5	Ø 3.7
	13 mm	1003	Ø 3.7	Ø 2.2	Ø 1	Ø 3.5	Ø 3.7
Ø 3.75	8 mm	1018	Ø 3.75	Ø 2.6	Ø 1.6	Ø 3.5	Ø 3.75
	10 mm	1010	Ø 3.75	Ø 2.6	Ø 1.6	Ø 3.5	Ø 3.75
	11.5 mm	1011	Ø 3.75	Ø 2.6	Ø 1.6	Ø 3.5	Ø 3.75
	13 mm	1013	Ø 3.75	Ø 2.6	Ø 1.6	Ø 3.5	Ø 3.75
	16 mm	1016	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 3.85	Ø 4.65
	8 mm	1038	Ø 4.65	Ø 3	Ø 2	Ø 3.85	Ø 4.65
	10 mm	1030	Ø 4.65	Ø 3	Ø 2	Ø 3.85	Ø 4.45
	11.5 mm	1031	Ø 4.65	Ø 3	Ø 2	Ø 3.85	Ø 4.45
	13 mm	1033	Ø 4.65	Ø 3	Ø 2	Ø 3.85	Ø 4.45
Ø 5.3	6 mm	1046	Ø 5.3	Ø 3.8	Ø 3.8	Ø 3.85	Ø 5.3
	8 mm	1048	Ø 5.3	Ø 3.45	Ø 2.45	Ø 3.85	Ø 5.3
	10 mm	1040	Ø 5.3	Ø 3.45	Ø 2.45	Ø 3.85	Ø 5.1
	11.5 mm	1041	Ø 5.3	Ø 3.45	Ø 2.45	Ø 3.85	Ø 5.1
	13 mm	1043	Ø 5.3	Ø 3.45	Ø 2.45	Ø 3.85	Ø 5.1

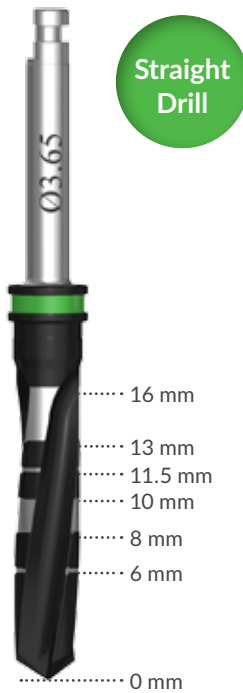
Scan to view ICE movie:



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



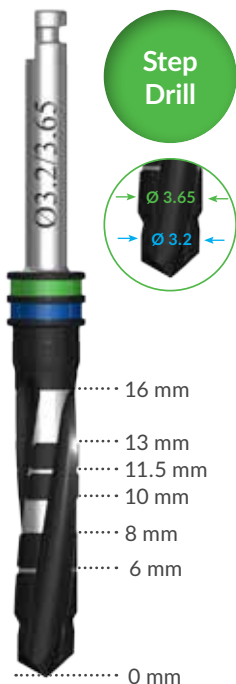
Important: The below protocol is recommended for most clinical cases however, additional professional considerations and the protocol amendments may be required in specific cases.

Drill protocol - Two ways one result

Step Drilling Sequence

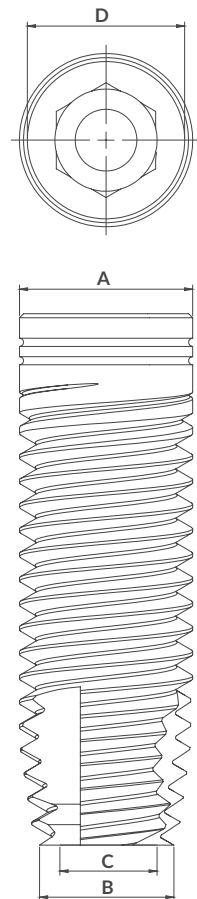
Ø Diameter	Soft bone Type IV	Medium bone Type II&III	Hard bone Type I
Ø 3.7N	2.0	2.0	2.0
	2.0/2.4	2.4/2.8	2.4/2.8
Ø 3.75	2.0	2.0	2.0
	2.4/2.8	2.4/2.8	2.4/2.8
		2.8/3.2	2.8/3.2
Ø 4.2	2.0	2.0	2.0
	2.4/2.8	2.4/2.8	2.4/2.8
	2.8/3.2	3.2/3.65	3.2/3.65
		3.65/4.1	3.65/4.1
			4.1/4.5 Cortical
Ø 4.65	2.0	2.0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

Cortical - Drill through cortical plate with the larger diameter



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 3.85
	10 mm	1430	Ø 4.24	Ø 3.5	Ø 2.6	Ø 3.85
	11.5 mm	1431	Ø 4.24	Ø 3.5	Ø 2.6	Ø 3.85
	13 mm	1433	Ø 4.24	Ø 3.5	Ø 2.6	Ø 3.85
	16 mm	1436	Ø 4.24	Ø 3.5	Ø 2.6	Ø 3.85
Ø 5	6 mm	1446	Ø 4.95	Ø 4.05	Ø 2.8	Ø 3.85
	8 mm	1448	Ø 4.95	Ø 4.05	Ø 2.8	Ø 3.85
	10 mm	1440	Ø 4.95	Ø 4.05	Ø 3.15	Ø 3.85
	11.5 mm	1441	Ø 4.95	Ø 4.05	Ø 3.15	Ø 3.85
	13 mm	1443	Ø 4.95	Ø 4.05	Ø 3.15	Ø 3.85
Ø 6	6 mm	1456	Ø 5.95	Ø 5.05	Ø 3.8	Ø 3.85
	8 mm	1458	Ø 5.95	Ø 5.05	Ø 3.8	Ø 3.85
	10 mm	1450	Ø 5.95	Ø 5.05	Ø 4.15	Ø 3.85
	11.5 mm	1451	Ø 5.95	Ø 5.05	Ø 4.15	Ø 3.85
	13 mm	1453	Ø 5.95	Ø 5.05	Ø 4.15	Ø 3.85

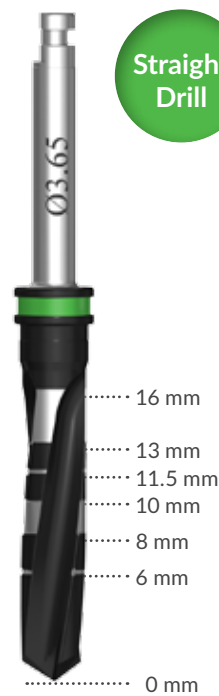


Important: The below protocol is recommended for most clinical cases however, additional professional considerations and the protocol amendments may be required in specific cases.

Straight Drilling Sequence

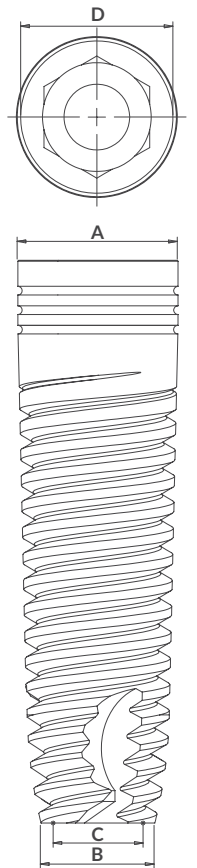
Ø Diameter	Soft bone - Type IV	Medium bone - Type II&III	Hard bone - Type I
Ø 3.3	2.0	2.0	2.0
	2.8	2.8	2.8
	3.2 Cortical	3.2	3.2
			3.65 Cortical
Ø 3.75	2.0	2.0	2.0
	2.8	2.8	2.8
	3.2 Cortical	3.2	3.2
			3.65 Cortical
Ø 4.2	2.0	2.0	2.0
	2.8	2.8	2.8
	3.2	3.2	3.2
	3.65 Cortical	3.65	3.65
			4.1 Cortical
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	
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 3.85
	10 mm	1270	Ø 4.2	Ø 3	Ø 2.2	Ø 3.85
	11.5 mm	1271	Ø 4.2	Ø 3	Ø 2.2	Ø 3.85
	13 mm	1273	Ø 4.2	Ø 3	Ø 2.2	Ø 3.85
	16 mm	1276	Ø 4.2	Ø 3	Ø 2.2	Ø 3.85
Ø 5	8 mm	1298	Ø 4.95	Ø 4.05	Ø 3.1	Ø 3.85
	10 mm	1290	Ø 4.95	Ø 4.05	Ø 3.1	Ø 3.85
	11.5 mm	1291	Ø 4.95	Ø 4.05	Ø 3.1	Ø 3.85
	13 mm	1293	Ø 4.95	Ø 4.05	Ø 3.1	Ø 3.85
	16 mm	1296	Ø 4.95	Ø 4.05	Ø 3.1	Ø 3.85

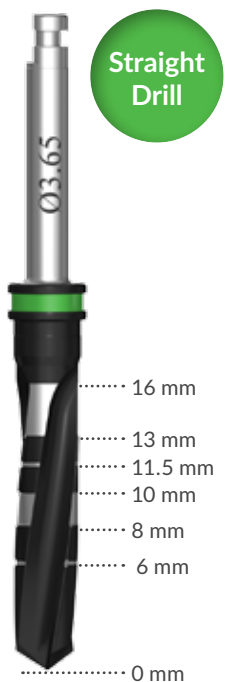


Important: The below protocol is recommended for most clinical cases however, additional professional considerations and the protocol amendments may be required in specific cases.

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
			3.65 Cortical
Ø 3.75	2.0	2.0	2.0
	2.8	2.8	2.8
	3.2 Cortical	3.2	3.2
			3.65 Cortical
Ø 4.2	2.0	2.0	2.0
	2.8	2.8	2.8
	3.2	3.2	3.2
	3.65 Cortical	3.65	3.65
			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	

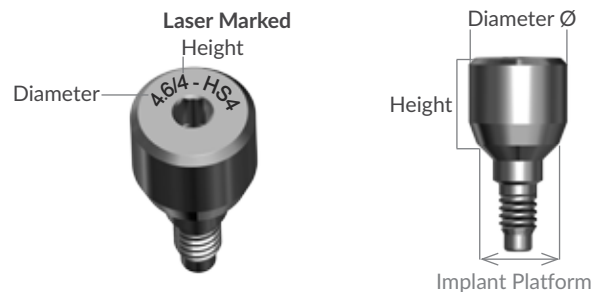
Cortical - Drill through cortical plate



Healing Abutments

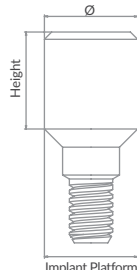



Wide range of healing abutments is available in narrow, standard and wide diameters.

- Used for Internal Hex 2.5 mm implants.
- Maintain tissue opening for establishing proper emergence profile.
- Polished titanium surface for excellent tissue acceptance.
- The top of the healing abutment is laser marked for an easy identification of its height and diameter.



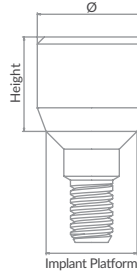






Slim (Titanium)

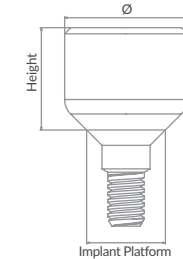



Suitable for all implant diameters

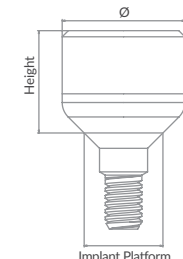





Healing Abutments Ø 3.85 mm			
			
Dimensions	D: Ø 3.85 mm H: 3 mm	D: Ø 3.85 mm H: 4 mm	D: Ø 3.85 mm H: 5 mm
Code	HSS3	HSS4	HSS5
Ref. No.	112	114	113

Standard (Titanium)

Suitable for all implant diameters

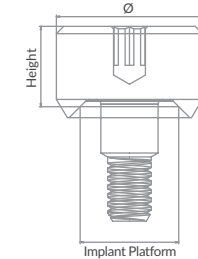



Healing Abutments Ø 4.6 mm						
						
Dimensions	D: Ø 4.6 mm H: 2 mm	D: Ø 4.6 mm H: 3 mm	D: Ø 4.6 mm H: 4 mm	D: Ø 4.6 mm H: 5 mm	D: Ø 4.6 mm H: 6 mm	D: Ø 4.6 mm H: 7 mm
Code	HS2	HS3	HS4	HS5	HS6	HS7
Ref. No.	116	109	117	110	118	119

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

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
Code	HS6-3	HS6-5	HS7-3	HS7-5	HS8-3
Ref. No.	128	129	130	131	132

Wide (Titanium)

Especially designed wide form suitable for Ø 5 mm and Ø 6 mm implants (excluding I.C.E.), option for a wide form to create a full emergence profile

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
Code	HSD5-3	HSD5-5	HSD6-3
Ref. No.	120	121	122

NOTE:

For Ø5 and Ø6 mm implants the healing abutments of various diameters can be used. To achieve platform switching a regular healing abutment should be used.



COVER SCREW

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

Prosthetics Systems Internal Hex Connection Platform

Alpha-Bio Tec's diverse prosthetic system provides comprehensive solutions for all dental restorative options including: cement retained restoration, screw-retained restoration and implant supported overdenture restorations.

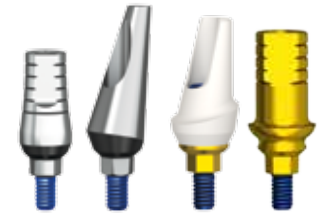
Developing a wide range of products, Alpha-Bio Tec. supports both temporary and permanent restoration solution.

CAD/CAM Restoration



Extending the art of Siplantology, to your CAD/CAM restoration jobs, making it as simple as our implant systems. The advent of CAD/CAM has enabled both dentists and laboratories to harness the power of computers to design and manufacture esthetic and durable restorations. Alpha-Bio Tec. Introduces a comprehensive range of restoration products for your CAD/CAM restoration jobs.

Cement-retained



Alpha-Bio Tec offers a variety of abutments for cement retained restoration; straight, angled or casting abutments for customization. Abutments are provided in numerous designs: straight, angled, slim or wide bodied for permanent and temporary prosthesis. Slim abutments are used in cases with minimum restorative space such as for maxillary lateral incisors and mandibular anterior teeth. Wide profile abutments provide more flexibility when grinding is required. Esthetic abutments are gold anodized. Titanium abutments are designed straight or angled for high esthetic results.

Screw-retained restoration



Alpha-Bio Tec introduces a new line of advanced screw-retained restoration systems with 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 esthetic results. The additional new restorative parts provide a comprehensive solution for any clinical condition. With high esthetic result, this advanced line of products adds simplicity, versatility and flexibility to the work of both dentist and technician. This line supports various clinical situations from a single tooth, partial or a full edentulous jaw.

Overdenture restoration



Alpha-Bio Tec's line of Overdenture attachments includes two restoration options: Ball attachment, AlphaLoc. The well proven Ball Attachment provides an excellent, intuitive and easy solution. The AlphaLoc is an effective, simple yet sophisticated system for Overdenture restorations. The system offers multiple solutions for a wide range of clinical demands, including unique situations such as a tight interocclusal space. The AlphaLoc allows for various gingival heights, retentions and angle corrections. Being easy to use and maintain, the AlphaLoc has become the system of choice for both dentists and their patients.

	Healing Abutments	Impression	Temporary Abutments	Straight Abutments
Cement-retained Restoration	Slim Suitable for Ø3.3, Ø3.75, Ø4.2, Ø5 and Ø6 implants HSS3 (112) HSS4 (114) HSS5 (113)	Closed Tray Transfers HLT (5060) HLT5 (5170) HLTLS (5062) SHLT (5172)	PEEK straight TPA1 (5416) ² TPA2 (5417) ² TPA3 (5418) ²	Classical TLA (5030) TLAL (5140) TLASP1 (5366) TLASP2 (5367) TLASP3 (5368) TLASP4 (5369) TLAD 5 (5310) ¹ TLAD 6 (5320) ¹ TLASS (5151) TLAS (5150)
	Standard Suitable for Ø3.3, Ø3.75, Ø4.2, Ø5 and Ø6 implants HS2 (116) HS3 (109) HS4 (117) HS5 (110) HS6 (118) HS7 (119) HS5-3 (124) HS5-5 (125) HS5.5-3 (126) HS5.5-5 (127) HS6-3 (128) HS6-5 (129) HS7-3 (130) HS7-5 (131) HS8-3 (132) HS8-5 (133)	Precise impression snap on to be used only on top of TLASP1 - 4 abutments HTLASP (5364) PTLASP (5396) and ETLASP 1-4 abutments	PEEK 15° TPA1-15(5419) ² TPA2-15 (5420) ² TPA3-15 (5421) ²	Esthetic ETLA (5031) ETLASP1 (5352) ETLASP2 (5353) ETLASP3 (5354) ETLASP4 (5355) ETLAS (5155) ETLASS (5156)
	Wide Suitable for Ø5 and Ø6 implants HSD5-3 (120) ¹ HSD5-5 (121) ¹ HSD6-3 (122) ¹ HSD6-5 (123) ¹	Open Tray Transfers HLTO (5061) HLTO5 (5171) LGP (5070) SHLT (5172)	PEEK 25° TPA1-25(5422) ² TPA2-25 (5423) ²	Anatomic EOAPSS (5406) EOAPS (5407) EAAPS (5409) EAAPSS (5408)
	Cover Screw For all diameters CST (111)	Analog IA (5080) IA5 (5280) ¹ IA6 (5290) ¹	TLAC-AR (5200) Anti-rotational TLAC-R (5220) Rotational	Zirconia ZHBZ (6054) HBZ (6043) HBZ-R(6044)
TCT System – Restoration for Up to 30° between the implants				
HCT6-N (5237)	Open Tray Transfers SFL-N (6012) Analog AUC-BTT-N (5212)	Closed Tray Transfers TST-N (5231) Analog BTT-N (5211)	TTA-N (5216)	TCT0.5-N (5221) TCT1.5-N (5222) TCT2.5-N (5223) TCT3.5-N (5252) TCT4.5-N (5253) TCT5.5-N (5254)
TSA System – Restoration for Up to 45° between the implants				
HSA3.0-N (5239)	Open Tray Transfers SFL-N (6012) Analog AUC-BTS-N (5214)	Closed Tray Transfers TOS-N (5233) Analog BTS-N (5213)	TSS-N (5215)	TSA1.5-N (5224) TSA2.5-N (5225) TSA3.0-N (5226) TSA4.0-N (5227) TSA5.0-N (5228)
Alpha Universe				
According to Selected UniCover	According to Selected UniCover	According to Selected UniCover	According to Selected UniCover	According to Selected UniCover
Single Tooth Screw Abutments				
Same as Cement-retained Restoration at implant level	Same as Cement-retained Restoration at implant level			HBC 0.5 (6040) HBC 1.5 (6041) HBC 2.5 (6042)
Casting				
				PLA (5040) PLAS (5050) PLA 15° (5093) PLA-R (5041) Rotational
Overdenture Restoration	Ball Attachments			
	Same as Cement-retained Restoration at implant level			TB 0.5 (6260) TB 2 (6210) TB 3 (6280) TB 4 (6220) TB 5 (6270) TB 6 (6290)
	AlphaLoc Attachment			
Same as Cement-retained Restoration at implant level	Closed Tray Transfers Impression Coping (4884) Block Out Spacer (4883)	Analog Female Analog (4885)		0.5 mm (4859) 1 mm (4860) 2 mm (4861) 3 mm (4862)
				4 mm (4863) 5 mm (4864) 6 mm (4865) 7 mm (4866)

Notes: ¹ Products cannot be used with I.C.E. implants. ² PEEK abutments support both cement-retained and screw-retained temporary restoration.

Angled Abutments	Screws	AlphaUniverse UniCovers	Nylon Caps
Classical TLA 15° (5090) TLAL 15° (5092) TLA 15°B (5091) TLA 15°BB (5098) TLA 35° (5136)	STLASH (5127) For TLA 35° only		
Esthetic ETAL 15° (5094) (5131) ETAL 25°	STLAS (5122)	TLAS (5307)	
Anatomic 15° EAAS 15° (5410) EAA 15° (5411) EAAH 15° (5412) 25° EAAS 25° (5413) EAA 25° (5414) EAAH 25° (5415)	STLAT (5121) laboratory RS (5110) Retrieval Screw		
Zirconia ZHBZ 15° (6058) ZHBZ 25° (6057) Customization PHBZ (6080)	SHBZ (6053) For Zirconia Abutments		
TCT System – Restoration for Up to 30° between the implants			
Casting PST-N (5218) PST-N-AR (5217 Anti-Rotational)	SF-N (6092) UniScrew for Physician (5314) SFT-N (6093)	AUC-TCT-N (5201)	
TSA System – Restoration for Up to 45° between the implants			
Casting PSS-N (5219)	SF-N (6092) SFT-N (6093)	AUC-TSA1.5-N (5204) AUC-TSA2.5-N (5203)	
Alpha Universe			
30° 17°	17° 1.5mm (5308) 17° 2.5mm (5309) 30° 1.5mm (5312) 30° 2.5mm (5313)	UniScrew for Physician (5314) UniScrew for Laboratory (5315)	
Straight Esthetic Screw Abutments			
Casting PST-AR (6070) Anti-Rotational	LS 0.5 (6050) LS 1.5 (6051) LS 2.5 (6052)		
Casting			
TLABCC (6405) TLABCC-R (6406) TLABCC (6405)			
Ball Attachments			
TBAA2 (6304) TBAA3 (6306) TBAB2 (6305) TBAB3 (6307)		Ball 1mm (5305) Ball 2mm (5306)	H (6240) NCT (6251) NC (6250) NCA (6253)
		Alphaloc (4880)	4877 4878 4882 4876 4879 4884

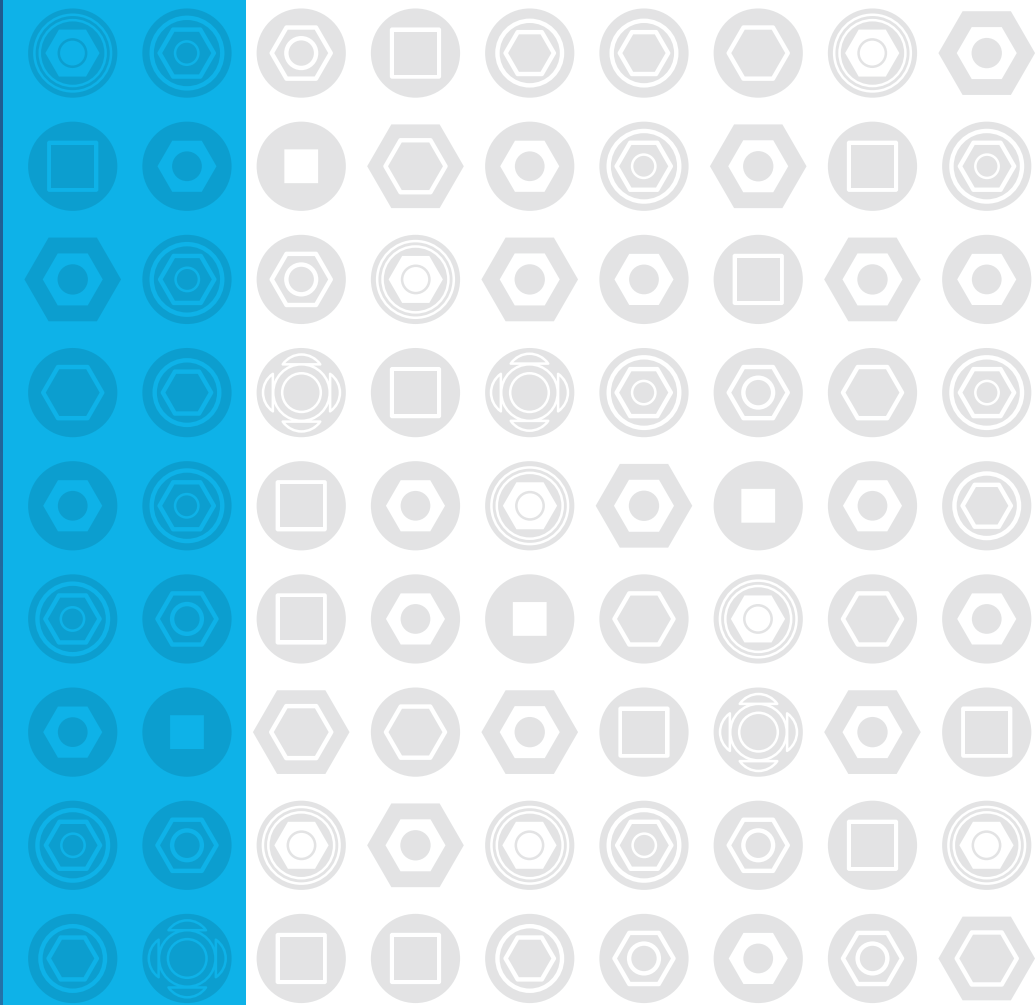
Notes: ¹ Products cannot be used with I.C.E. implants. ² PEEK abutments support both cement-retained and screw-retained temporary restoration.

CadCam

Digital Restoration Line



Please see Page 98 for Digital Restoration Line



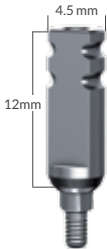
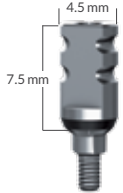
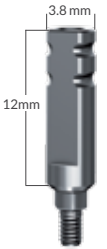
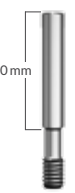
 Cement Retained Restoration
Internal Hex Connection Platform



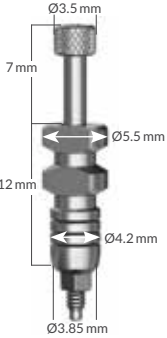
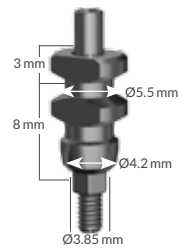
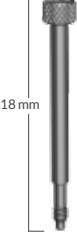
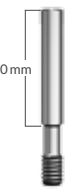
Impression

IMPLANT IMPRESSION TRANSFER

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

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

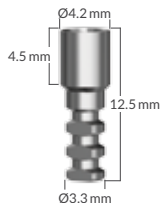
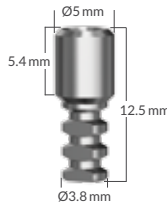
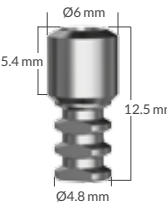
Note: each transfer is supplied with its corresponding screw.



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. implants		

Laboratory Hex Drivers		
		
Code	1.25L	1.25HL
Ref. No.	4510	4520

* Product design may vary

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

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		

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	

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

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	

Cement-retained UniCover	
Code	UniCover TLAS
Ref. No.	5307
Instructions	For assembly on top of Alpha Universe UniBase. Use HTD 1.25mm insertion tool (see page 31).

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	A: 1.3 mm B: 9 mm C: Ø5.2 mm
Code	TLAD 5*	TLAD 6*	TLAD 5-15*
Ref. No.	5310	5320	5311

Non-Engaging Abutment		Angled Abutments 15°			
Dimensions	A: Ø4.5 mm B: 1.6 mm C: 10 mm	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	TLA 15	TLAL 15	TLA 15B	TLA 15BB
Ref. No.	5010	5090	5092	5091	5098
Instructions	Used for multiple unit restorations only	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	For creation of favourable line of insertion		Supplied with its special screw. Use Ref. No. 5127 as a replaceable or 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

- The temporary PEEK abutments are 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

Straight					
Dimensions	L: 9 mm, H: 1mm	L: 9 mm, H: 2mm	L: 9 mm, H: 3mm		
Code	TPA1	TPA2	TPA3		
Ref. No.	5416	5417	5418		
15°			25°		
Dimensions	L: 8 mm, H: 1mm	L: 8 mm, H: 2mm	L: 8 mm, H: 3mm	L: 8 mm, H: 1mm	L: 8 mm, H: 2mm
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	7.1 mm 10 mm 6 mm Ø5.5 mm	Ø4.2 mm 8.5 mm Ø5.4 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	Slim Abutments	
Dimensions	A: Ø4.5 mm B: 1.7 mm C: 8.5 mm	A: Ø3.85 mm B: 0.8 mm C: 8.5 mm	A: Ø3.85 mm B: 0.8 mm C: 6 mm
Code	ETLA	ETLAS	ETLASS
Ref. No.	5031	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
Instructions	For creation of favourable line of insertion	

Esthetic Anatomic Abutments

Esthetic abutment with special design that replicates the anatomic shape of natural tooth and gum line.

- ensures optimal esthetic and functional results
- saves chair-time for the prosthodontist and the technician
- specially designed for pre-molars and molars

	Wide Profile Abutments with Emergence Profile		Straight 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	A: Ø4.3 mm B: 1.5 mm C: 7 mm	A: Ø4.4 mm B: 2 mm C: 8 mm
Code	EOAPSS	EOAPS	EAAPSS	EAAPS
Ref. No.	5406	5407	5408	5409

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

Zirconia Abutments

Zirconia Abutments

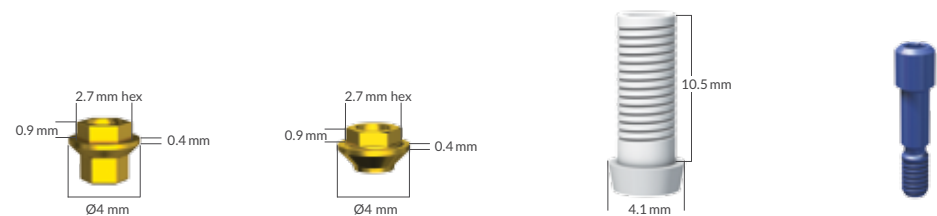


Special two-part design consists of a Titanium base and a Zirconia abutment in various designs, for maximal restoration flexibility and best results.

- **Esthetic** - Thanks 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 flexibility of restoration and modification** - 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



	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

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

- ◻ **Anti Rotational: (Hexagon)** - Intended to be used for custom casting prosthetic restorations on single implant or multiple implants.
- **Rotational (Cylindrical)** - Intended to be used for custom casting prosthetic restorations only on multiple implant restoration.

	Chrome Cobalt Base Abutments	Gold Base Abutments					
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 TLASS and TLA 35 which are supplied with a different screw - STLASH. In cases where numerous screwing and unscrewing are required, it is recommended to replace the STLA screw with the STLAT.

	Prosthetic Screws			Retrieval Screw
Material	Titanium	Titanium*	Titanium	Titanium
Code	STLAS	STLAT	STLASH**	RS
Ref. No.	5122	5121	5127	5110
Instructions	Use 30 Ncm to tighten prosthetic screws (page 31) * 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:

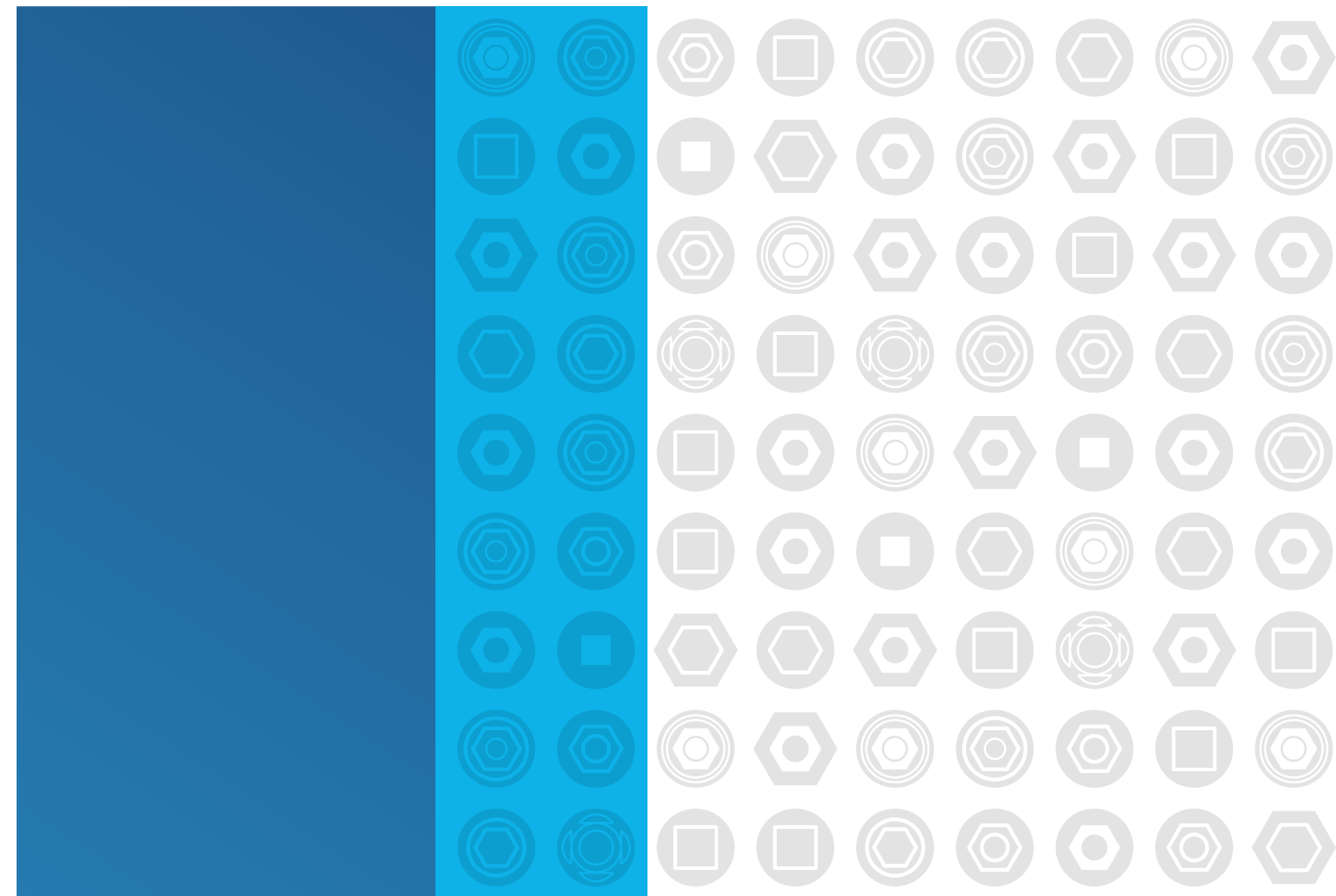
- Gold - Straight abutments: 10 mentor abutments.
- Blue - 15° abutments: 5 mentor abutments.
- Magenta - 25° abutments: 4 mentor abutments.
- Grey - Screw-retained and ball-attachment: 4 abutments.

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

Mentor Abutment (M) Original Abutment

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

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








Screw Retained Restoration

Internal Hex Connection Platform

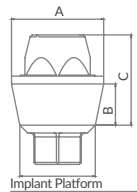



Professional System for Superior Esthetics





Alpha-Bio Tec's straight abutment systems for screw-retained restoration provide a solution for most clinical or restorative demand. All systems are **simple** and **easy** to use. Each system consists of a **range** of heights and widths to ensure that dentists have the solution they need for the specific case.

Alpha-Bio Tec has upgraded its extensively proven TSA and TCT screw-retained lines by making the upper section of the prosthetic part narrower. This improvement enables the use of wider porcelain crowns at the final restorative stage, which provides better esthetic results. The advanced design of the new transfers and analogs provides enhanced and more accurate impression-taking. Additionally, new restorative parts were added to each line to offer a comprehensive solution for every clinical condition.

ABUTMENTS TYPE	DIMENSIONS	WHEN TO USE?
 HBC Abutments	Ø4.7 mm with cuff heights of 0.5, 1.5 or 2.5 mm	<ul style="list-style-type: none"> For single unit screw-retained restorations
 TCT-N Abutments	Ø4.7 mm with cuff heights of 0.5, 1.5, 2.5, 3.5, 4.5 or 5.5 mm	<ul style="list-style-type: none"> Designed for implants with up to 30° diversion between them Multiple unit fixed restoration For stabilizing overdentures
 TSA-N Abutments	Ø4 mm with cuff heights of 1.5, 2.5, 3, 4 and 5 mm	<ul style="list-style-type: none"> Designed for implants with up to 45° diversion between them For screw-retained multiple unit fixed restoration and bars For stabilizing overdentures
 Angular UniBase with Pro UniCover TCT-N	17° or 30° in various heights. Pro TCT UniCover height is 1.2 mm	<ul style="list-style-type: none"> For multiple unit restoration For aligning tilted implants For fixed screw-retained restorations
 Angular UniBase with Pro UniCover TSA-N	17° or 30° in various heights. Pro TSA UniCover height are 1.5 or 2.5 mm	<ul style="list-style-type: none"> For multiple unit restoration For aligning tilted implants For fixed screw-retained restorations For bar-retained overdentures

HBC Abutment System Single Tooth Restoration

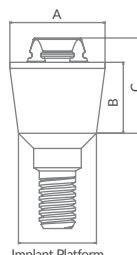
HBC Abutment System			
			
Dimensions	A: Ø4.7 mm B: 0.5mm C: 2.6mm	A: Ø4.7 mm B: 1.5mm C: 3.6mm	A: Ø4.7 mm B: 2.5mm C: 4.6mm
Code	HBC 0.5	HBC 1.5	HBC 2.5
Ref. No.	6040	6041	6042
Instructions	Requires standard implant level impression (see page 40). Use HTD 1.25 mm for insertion and close the abutment screw with 30 Ncm (see page 31)		
Remarks	LS screws are sold separately from HBC abutments. Use HTD 1.25 mm for insertion and close the abutment screw with 30 Ncm (see page 31)		

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



TCT-N Tapered Connection Abutment System

Restoration For Up To 30° *



TCT-N Abutment System						
Dimensions	A: Ø4.7 mm B: 0.75 mm C: 1.7 mm	A: Ø4.7 mm B: 1.5 mm C: 2.7 mm	A: Ø4.7 mm B: 2.5 mm C: 3.7 mm	A: Ø4.7 mm B: 3.5 mm C: 4.7 mm	A: Ø4.7 mm B: 4.5 mm C: 5.7 mm	A: Ø4.7 mm B: 5.5 mm C: 6.7 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 31). Recommended closing torque: 30 Ncm.					

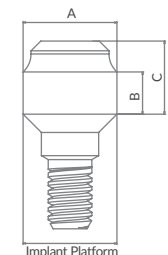
	Healing Abutments			Open Tray Transfer		Closed Tray Transfer
Height	4 mm	6.3 mm	4 mm	10 mm	13 mm	8.5 mm
Code	HCT4-N	HCT6-N**	HCTB-N	TST-N	SFL-N	TS-N
Ref. No.	5236	5237	5241	5231	6012	5235
Instructions	Recommended closing torque: 10 Ncm.			Close manually		Close manually

	Analog		Temporary Abutment	Screw Fixation		Burnout Sleeve	
Material	Titanium	Titanium	Titanium	Titanium	Titanium with coating	Plastic	Plastic
Code	BTT-N	AUC-BTT-N	TTA-N	SF-N	SFT-N	PST-N-AR	PST-N Non-Engaging
Ref. No.	5211	5212	5216	6092	6093	5217	5218
Instructions			Recommended closing torque: 15 Ncm.	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)	

* Between implants. For more information see Screw-Retained Restoration Line brochure.
 ** For use only with 5314 see page 55.

TSA-N Screw Abutment System

Restoration For Up To 45° *



TSA-N Abutment Systems					
Dimensions	A: Ø3.85 mm B: 0.43 mm C: 1.7 mm	A: Ø3.85 mm B: 1.23 mm C: 2.5 mm	A: Ø3.85 mm B: 1.73 mm C: 3 mm	A: Ø3.85 mm B: 2.73 mm C: 4 mm	A: Ø3.85 mm B: 3.73 mm C: 5 mm
Code	TSA1.5-N	TSA2.5-N	TSA3.0-N	TSA4.0-N	TSA5.0-N
Ref. No.	5224	5225	5226	5227	5228
Instructions	Use 1.5 mm Hex Driver for insertion (see page 31). Recommended closing torque: 30 Ncm.				

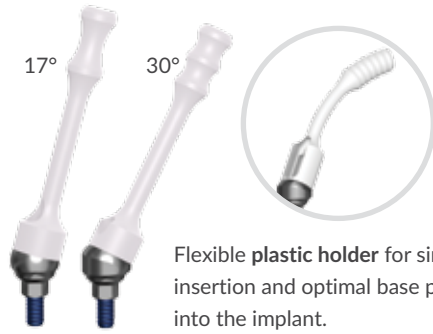
	Healing Abutments		Open Tray Transfer		Closed Tray Transfer
Height	2.5 mm	5 mm	10 mm	13 mm	8.5 mm
Code	HSA3.0-N	HSA5.0N	TOS-N	SFL-N	TS-N
Ref. No.	5239	5240	5233	6012	5235
Instructions	Recommended closing torque: 10 Ncm.		Close manually		Close manually

	Analog		Temporary Abutment	Screw Fixation		Burnout Sleeve
Material	Titanium	Titanium	Titanium	Titanium	Titanium with coating	Plastic
Code	BTS-N	AUC-BTS-N	TSS-N	SF-N	SFT-N	PSS-N
Ref. No.	5213	5214	5215	6092	6093	5219
Instructions			Recommended closing torque: 15 Ncm.	Use HTD 1.25 mm for insertion. Recommended closing torque for final restoration on straight abutments: 25 Ncm.		

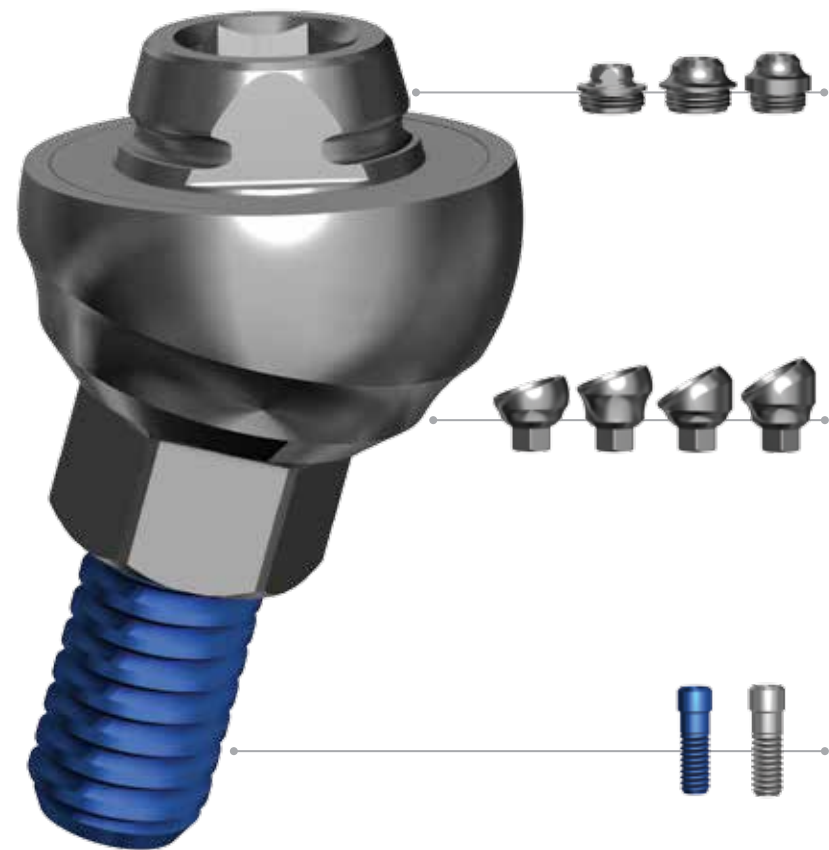
* Between implants. For more information see Screw-Retained Restoration Line brochure

ALPHA UNIVERSE MULTI UNIT ABUTMENTS

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



Flexible **plastic holder** for simple insertion and optimal base placement into the implant.



TCT-N and TSA-N Pro UniCovers for flexibility of restorative options.

17° or 30° strong angular Alpha UniBases enhances stability.

The blue Alpha UniScrew is designated for clinical operation while the silver is designated for laboratory procedures.

Alpha-Bio Tec offers a wide range of UniCovers for cemented and overdenture restorations such as TLAS UniCover (see page 41), UniCover Balls (see page 60) and AlphaLoc UniCover (see page 59).

Multi Unit Abutment System

Alpha UniBase				
Degree	17°		30°	
Code	Body 17X1.5	Body 17X2.5	Body 30X1.5	Body 30X2.5
Ref. No.	5308	5309	5312	5313
Instructions	Use HTD 1.25 mm and HTD 1.25S (short) for insertion. Use 30 Ncm to tighten the abutment screw (see page 64)			
Includes	Alpha Unibase (Titanium), flexible holder (Plastic), 2 UniScrews (blue one for the physician and silver one for the laboratory)			

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

UniScrew for UniBase (Titanium)	
Code	USP (for physician) / USL (for laboratory use)
Ref. No.	5314 / 5315
Instructions	Use HTD 1.25 mm for insertion. Use 30 Ncm to tighten the abutment screw (see page 64)



 Overdenture Restoration
Internal Hex Connection Platform

AlphaLoc Overdenture



The AlphaLoc overdenture-implant Attachment System is designed for use with full or partial dentures by endosseous implants in mandible or maxilla.

AlphaLoc has the lowest vertical profile in the market, 2.1 mm, and the smallest width of 4.5 mm compared to the existing implant overdenture attachments.

AlphaLoc Attachments Titanium alloy with TiN coating								
Dimensions	0.5 mm	1 mm	2 mm	3 mm	4 mm	5 mm	6 mm	7 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

	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 UniCover		
Height	2 mm	UniBase 30x25 with Alphasloc UniCover
Ref. No.	4880	

Alpha UniBases				
Angle	17°		30°	
Ref. No.	5308	5309	5312	5313
Instructions	For more information see page 63			

	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						
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				
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)				UniCover Ball Retained	
	Stainless Steel Housing	Nylon Cap	Nylon Cap with Titanium Ring	Soft Nylon Cap	
Code	H	NC	NCT	NCA	UniCover Ball 1 mm
Ref. No.	6240	6250	6251	6253	5305
					5306

* Note: The image shows UniBase 30X25 mm with UniCover Ball 2 mm.



Surgical Instruments & Tools
Internal Hex Connection Platform

Implant Insertion Tools

Hand Wrench (Stainless Steel)		Internal Hex Insertion Drivers (Stainless Steel)		
		2.5 mm	2.5 mm Short	2.5 mm Extra 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 ratchet or surgical screwdriver		

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 insertion of Internal Hex implants and to tighten cover screws, healing abutments and 1.25 mm screws.	Driver for contra-angle handpiece for insertion of Internal Hex implants (2.5 mm)	Short driver for contra-angle handpiece to Internal Hex implants and to tighten cover screws, healing abutments and 1.25 mm screws.	Short driver for contra-angle handpiece to insert Internal Hex implants (2.5 mm)

* From implant level.

new Implant Grip Drivers

Hand Wrench		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	GITS2.5/1.25
Ref. No.	4143	4145
Instructions	Compatible with hexagonal 6.35 mm or square 4 mm ratchet or surgical screwdriver	

Insertion Tools

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

Prosthetic Hex Driver 1.5 mm (Stainless Steel)					
	Hex Driver 1.5 mm	Short Hex Driver 1.5 mm	Hand Hex Driver 1.5 mm	Long Hand Hex Driver 1.5 mm	Motor Mount Hex Driver 1.5 mm
Code	HTD 1.5	HTD 1.5S	HHS 1.5	HHL 1.5	HT 1.5
Ref. No.	4057	4058	4059	4060	4168
Instructions	Fits hexagonal 6.35 mm or square 4 mm ratchet or surgical screwdriver		For manual use		To be used with a contra angle motor
	The 1.5 drivers are intended for the narrow screw-retained abutments and UniCovers: TCT-N, TSA-N, AUC-TCT-N and AUC-TSA-N				

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

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

Ref. No. 4572
Code: URT



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

Universal Square Ratchet Head Adaptor (Stainless Steel)

Ref. No. 4012
Code: USH



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

Surgical Screwdriver

Ref. No. 4220
Code: SDH



Used with 6.35 mm hexagonal head.

* Compatible with Internal Hex & Conical Hex Connection Platforms.

Advanced Surgery Tools*

OSTEOTOMES

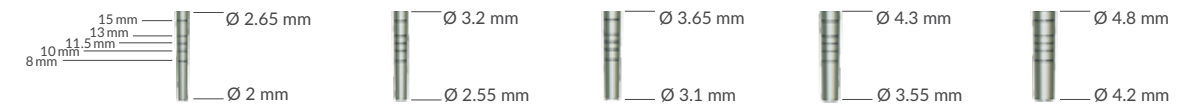
Use for various implant insertion procedures, crestal sinus elevation, ridge expansion and site preparation.
The tapered walls of the osteotome compresses the bone laterally.

Straight Osteotomes (Stainless Steel)



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

Angled Osteotomes (Stainless Steel)

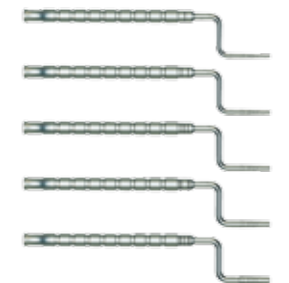
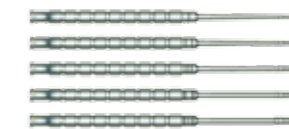


Diameter	2-2.65 mm	2.55-3.2 mm	3.1-3.65 mm	3.55-4.3 mm	4.2-4.8 mm
Ref. No.	4261/1	4261/2	4261/3	4261/4	4261/5

Osteotomes Organizer Box

Straight Osteotome Set 5 piece

Angled Osteotome Set 5 piece



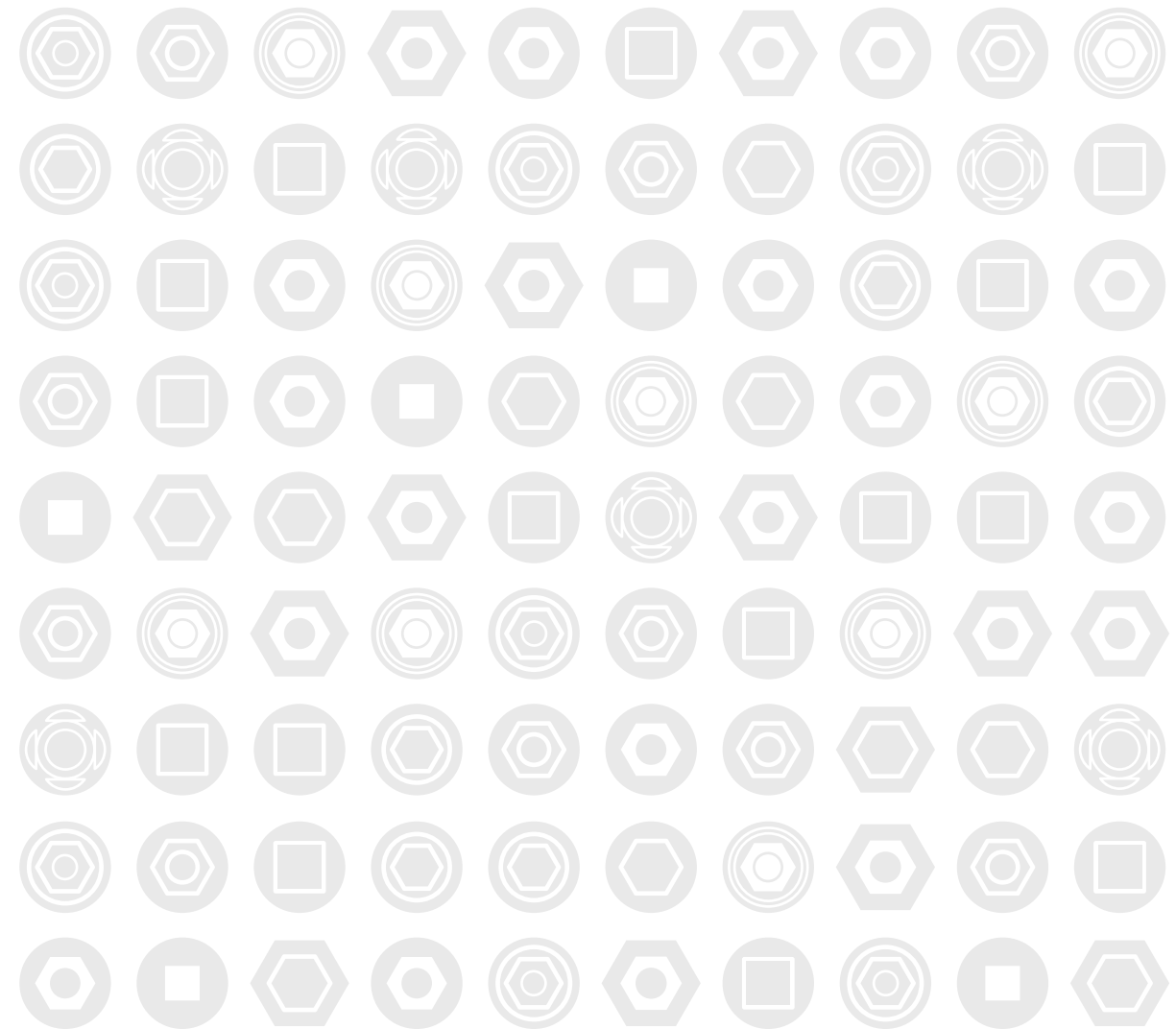
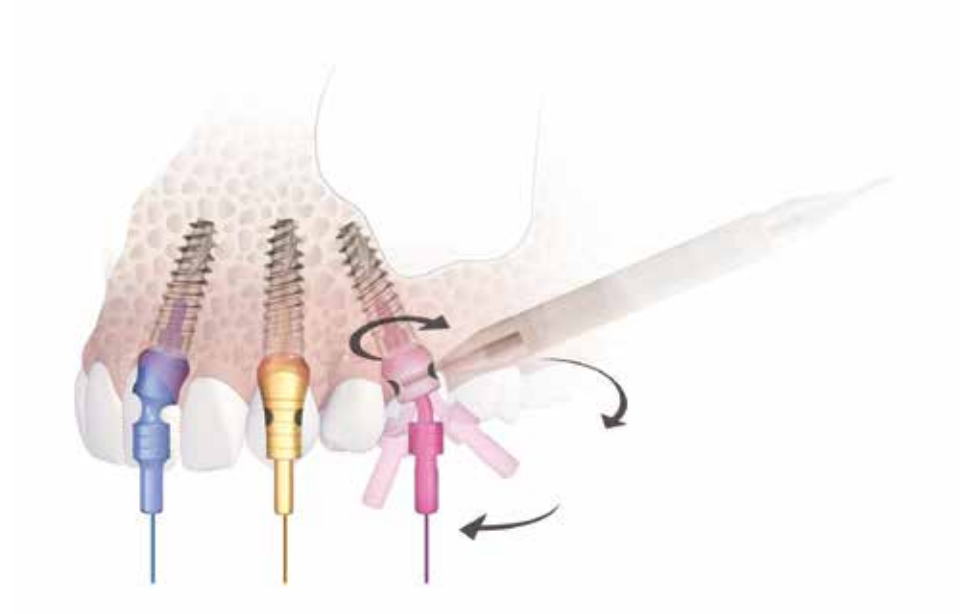
Code	OST KIT	OST SET	OST ANGLE SET
Ref. No.	4262	4260	4261

* Compatible with Internal Hex & Conical Hex Connection Platforms.

Paraguide System for Abutments Parallelism

PARAGUIDE SYSTEM HELPS TO ACHIEVE PARALLELISM, ESTHETICS AND FUNCTION QUICKLY AND EASILY.

USAGE RATIONALE: Even with forced or intended non-parallel implant placement, suprastructures to be later installed should ensure a common line of insertion of the intended prosthesis. From this point of view, Paraguide system allows the practitioner to position implants hex in an optimal way yet at the surgical stage.



	Internal Hex Paraguide (Titanium) Items are sold separately or as 3pc set. Set Ref. No. 5230			Rotation Tool (Stainless Steel)
Code	TPG 0	TPG 15	TPG 25	RT
Ref. No.	5230-0	5230-15	5230-25	4290
Instructions	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. Before rotating the implant try to insert the paraguide in the different positions in the internal hex. 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.			



Conical Hex Connection Implants

Our Conical Hex Connection Implants are an advanced solution for narrow alveolar ridges and limited spaces, together with a high quality design of prosthetist parts the implants ensure long term esthetic results

neO



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

NICE

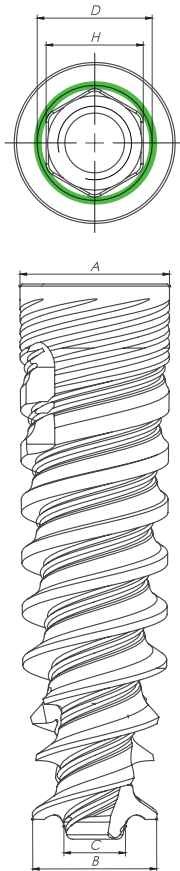


Narrow universal	
Why NICE	An extended solution for narrow ridges and limited spaces by adjacent teeth and roots.
Unique design feature	Narrow tapered Split coronal micro threads Tapered design externally and internally
Unique clinical benefits	<ul style="list-style-type: none"> • High esthetic results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

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'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
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



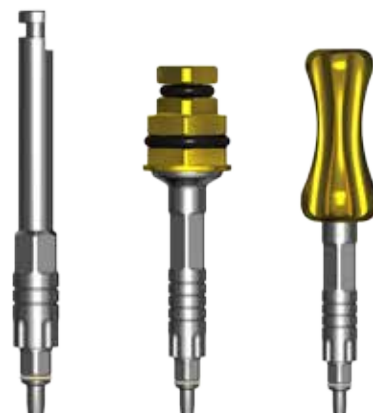
Important: The below protocol is recommended for most clinical cases however, additional professional considerations and the protocol amendments may be required in specific cases.

New Implant System System Package

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

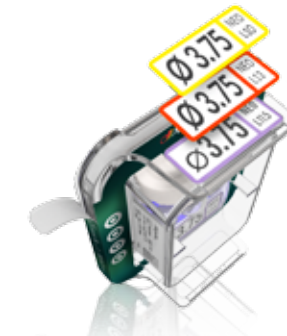
Drivers

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



Implant Package

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



Identification labels

Labels indicates implant's type, length and diameter



PATENT PENDING

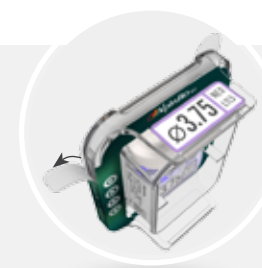
Stack several packages together

The new packaging, features a unique design that enables to stack several packages together and keeps your stock organized with maximum storage space efficiency



Color coded holder

Holders are color coded for easy identification of implants length



1

Tear the cardboard



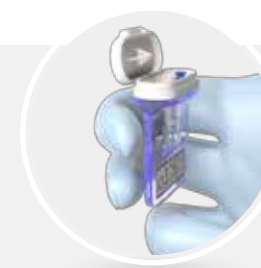
2

Pull the tyvek



3

Remove the inner holder



4

Open the cap - easy one hand operation



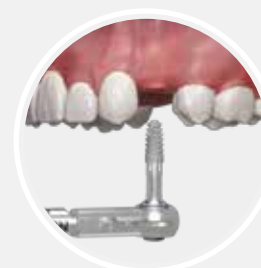
5

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



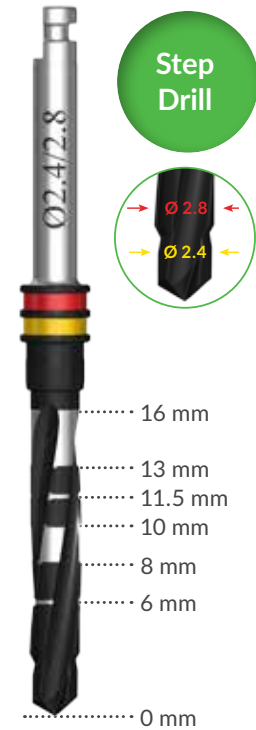
8

Easily remove cover screw by using appropriate prosthetic driver

neo Drill Protocol Two ways one result

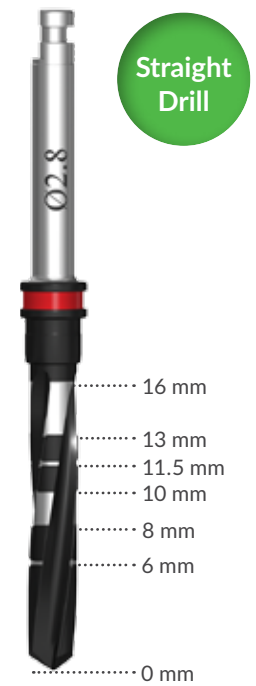
Step Drilling Sequence

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



Straight Drilling Sequence

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



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



NICE System: An Extended Solution for Narrow Ridges

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

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

Clinical Indications:

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

Scan to view NICE movie:

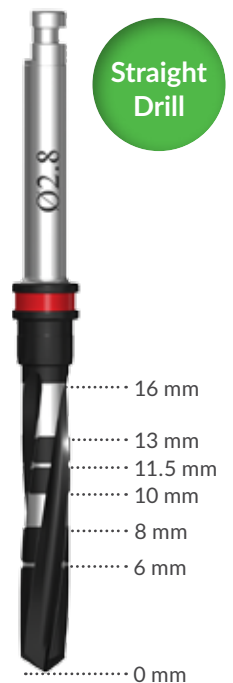


NICE Drilling Sequence

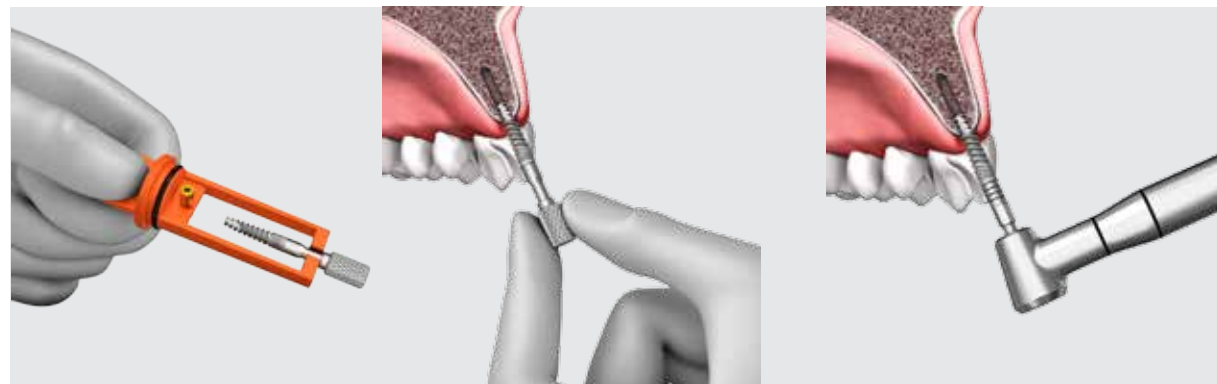
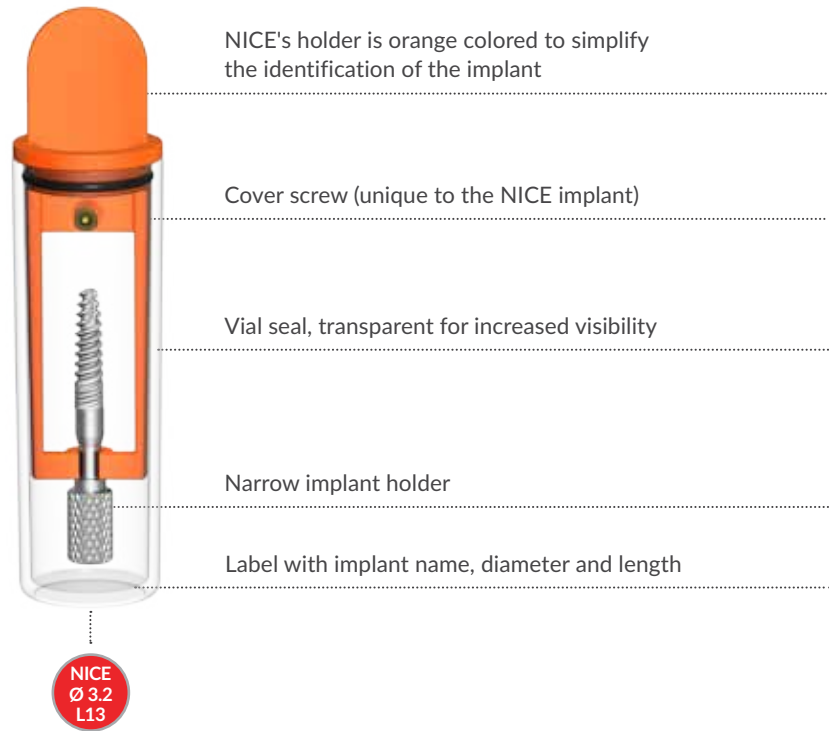
Straight Drilling Sequence

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



- 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 Platform

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

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

CAD/CAM Restoration

Extending the art of Implantology, to your CAD/CAM restoration jobs, making it as simple as our implant systems. The advent of CAD/CAM has enabled both dentists and laboratories to harness the power of computers to design and manufacture esthetic and durable restorations.

Alpha-Bio Tec. Introduces a comprehensive range of restoration products for your CAD/CAM restoration jobs.



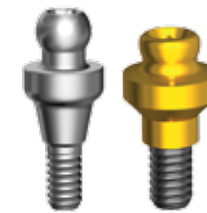
Cement-retained

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



Overdenture restoration

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



CadCam

Digital Restoration Line

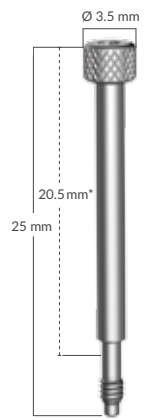
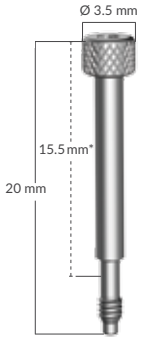
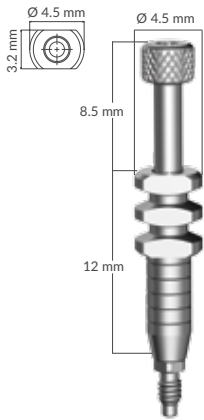


Please see Page 98 for Digital Restoration Line

Cement Retained - Implant Impression Transfers

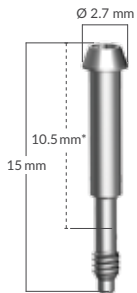
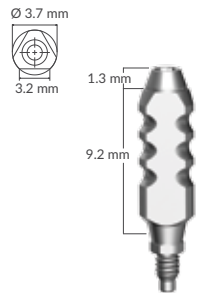
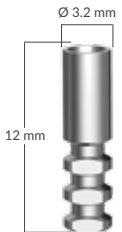
Open Tray Transfer

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

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

Closed Tray Transfer

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

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

* Note: Implant level.

Cement Retained - Esthetic Abutments

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

Esthetic Standard Slim Abutment			Esthetic Standard Abutment			Standard Abutment		
Dimensions	A: Ø 3.2 mm C: 9 mm		A: Ø 3.6 mm C: 9 mm		A: Ø 4 mm C: 9.2 mm			
Code	ETLAS3.2-CHC		ETLAS3.6-CHC		TLAS4.O-CHC			
Ref. No.	7356		7357		7358			
Instructions	Recommended closing torque: 20 Ncm. Do not exceed 20 Ncm.				Can be used as blank abutment for CAD/CAM systems.			

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

Cement Retained - Abutments for Casting

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

Overdenture Restoration - Titanium Ball Attachment

Titanium Ball Attachment					
Code	TB1-CHC	TB2-CHC	TB3-CHC	TB4-CHC	TB5-CHC
Ref. No.	7403	7404	7405	7406	7407
Instructions	Recommended closing torque: 20 Ncm. Do not exceed 20 Ncm.				

Nylon Caps

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

Screws

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

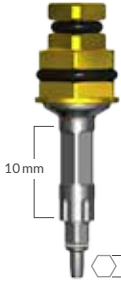

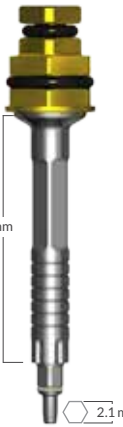

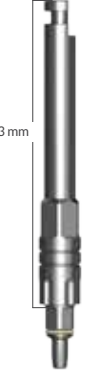



Surgical Instruments & Tools
Conical Hex Connection Platform

Implant Insertion Tools







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

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

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

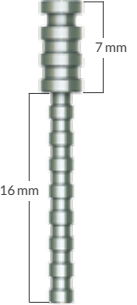
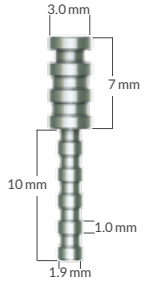
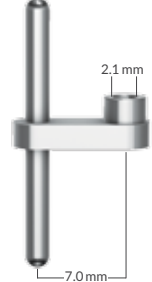
Insertion Tools


- Compatible with Internal Hex Implant Systems as well

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

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

Parallel and Depth Guides*

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

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

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

Ref. No. 4572
Code: URT



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

Universal Square Ratchet Head Adaptor (Stainless Steel)

Ref. No. 4012
Code: USH



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

Surgical Screwdriver

Ref. No. 4220
Code: SDH



Used with 6.35 mm hexagonal head.

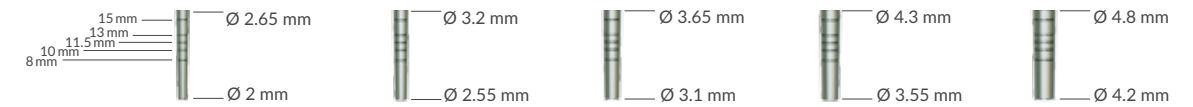
* Compatible with Internal Hex & Conical Hex Connection Platforms.

Advanced Surgery Tools*

OSTEOTOMES

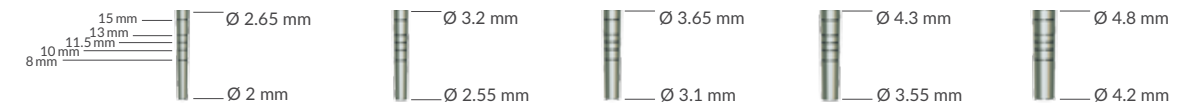
Use for various implant insertion procedures, crestal sinus elevation, ridge expansion and site preparation.
The tapered walls of the osteotome compresses the bone laterally.

Straight Osteotomes (Stainless Steel)



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

Angled Osteotomes (Stainless Steel)

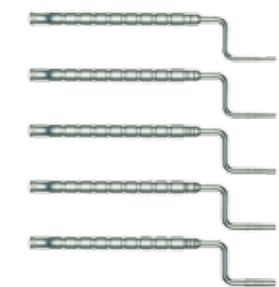
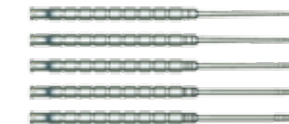


Diameter	2-2.65 mm	2.55-3.2 mm	3.1-3.65 mm	3.55-4.3 mm	4.2-4.8 mm
Ref. No.	4261/1	4261/2	4261/3	4261/4	4261/5

Osteotomes Organizer Box

Straight Osteotome Set 5 piece

Angled Osteotome Set 5 piece



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

* Compatible with Internal Hex & Conical Hex Connection Platforms.

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

The Arrow Press Changeable is a narrow two-piece implant with a variety of changeable abutments for maximal flexibility in rehabilitation between premolars.



Arrow Press Implants

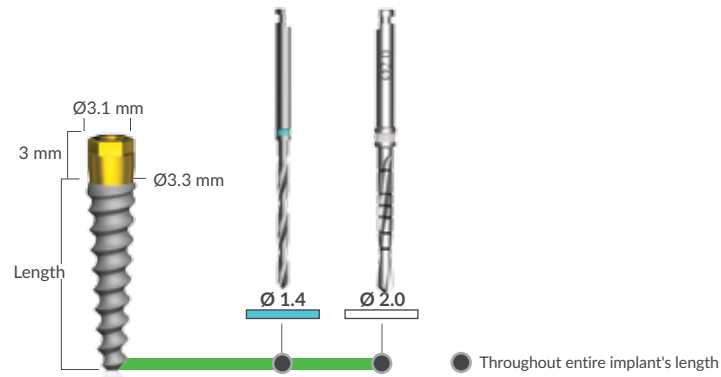
The Arrow Press is a one-piece implant with an integrated gold color abutment designed for use in very narrow alveolar ridges, mainly in maxillary lateral and mandibular incisors.



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

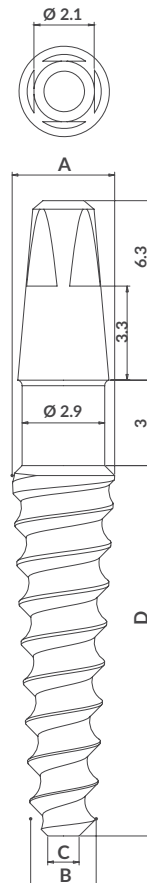
Diameter	Length	Ref. No.	Dimensions			
			A	B	C	D
Ø 3.0	10 mm	2420	Ø 3.0	Ø 2	Ø 0.95	10
	11.5 mm	2421	Ø 3.0	Ø 1.85	Ø 0.85	11.5
	13 mm	2423	Ø 3.0	Ø 1.7	Ø 0.75	13
	15 mm	2425	Ø 3.0	Ø 2	Ø 0.7	15
Ø 3.3	10 mm	2430	Ø 3.3	Ø 2.3	Ø 1.3	10
	11.5 mm	2431	Ø 3.3	Ø 2.15	Ø 1.15	11.5
	13 mm	2433	Ø 3.3	Ø 2	Ø 1	13
	15 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:

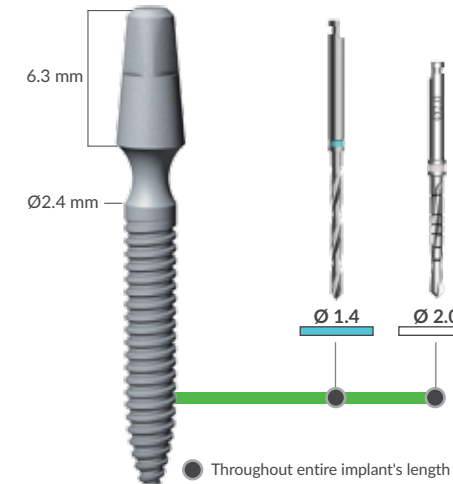
- In cases of extremely hard bone it is recommended to make adjustments to the drilling protocol.
- While below protocol is recommended for most clinical cases, additional professional consideration may be required in specific cases.
- Ø1.4 - Drill tip should be considered.
- Ø2.0, Ø2.8 - Drill tip should 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	1.4
	2.0	2.0
		2.8



ARR Provisional Arrow Implant

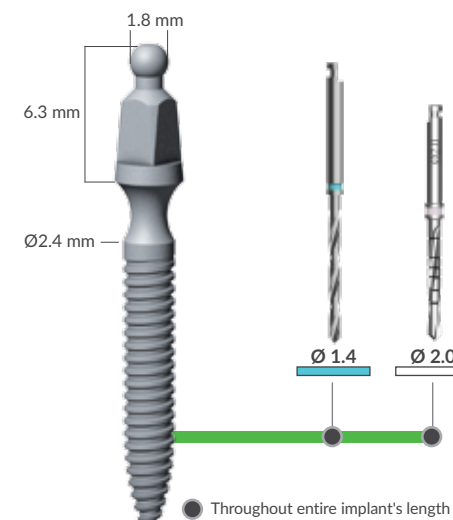


2.4 mmd			
Length	10 mm	13 mm	15 mm
Ref. No.	2400	2403	2402

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

- 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

ARB Provisional Arrow Ball Implant



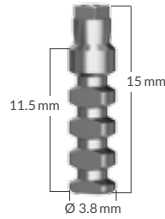

2.4 mmd		
Length	10 mm	13 mm
Ref. No.	2401	2404

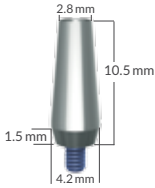
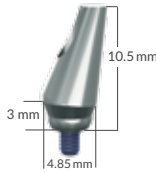



Important!
 Ø1.4 - Drill tip should be considered.
 Ø2.0 - Drill tip should NOT be considered.










- 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

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.

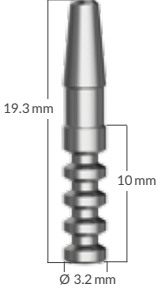




ARRC Impression	
Implant Analog for ARRC	Closed Tray Transfer for ARRC
	
Code: IAC*	Code: HLTC
Ref. No.: 138-001	Ref. No.: 132-001



Prosthetic Elements for ARRC Implants - Cement Retained Restoration				
Straight Titanium Abutment	Angled Titanium Abutment 15°	Plastic Abutment for Casting	ARRC Abutment	Abutment Screw
				
Code: TLARC	Code: TLARC15	Code: PTLAC	Code: TLARB	Code: STLAR
Ref. No.: 5273	Ref. No.: 5271	Ref. No.: 5272	Ref. No.: 2462	Ref. No.: 5124

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

* Product design may vary

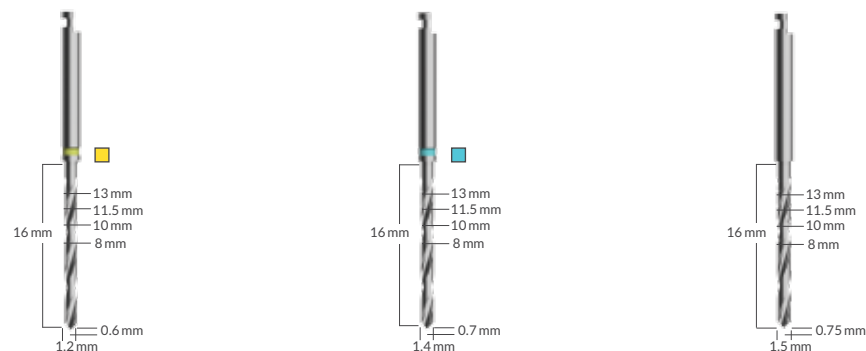
Prosthetics for Arrow Implant Systems

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*	Code: ATC**	Code: APC***	Code: APC-AR***	Code: TLARP
Ref. No.: 2416	Ref. No.: 2405	Ref. No.: 2417	Ref. No.: 2418	Ref. No.: 2466
Instructions: ** For cementation		*** Use as impression and for casting		

Prosthetic elements for ARB Implants	
Mini Arrow Nylon Cap for 1.8 mmd	
	
Code: AH	Code: ANC
Ref. No.: 2411	Ref. No.: 2410

Surgical Instrumentation

Narrow Drills (Stainless Steel)

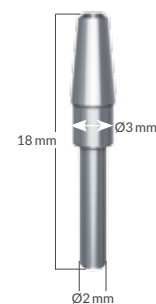


Diameter	1.2 mm	1.4 mm	1.5 mm
Code	DRX1.2	DRX1.4	DRX1.5
Ref. No.	4669	4670	4671

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.

Arrow Position and Guide (Stainless Steel)

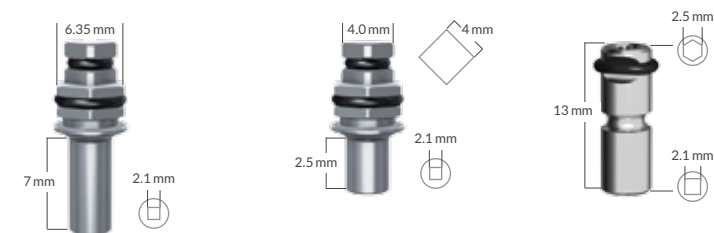


Code	APG
Ref. No.	2419

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.



CadCam

Digital Restoration Line

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

Cement Retained Restoration



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

Screw Retained Restoration



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



Tools

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

Advantages at a glance:

- Bio Compatible, Autoclaveable.
- PEEK body and titanium base for accurate long lasting use.
- Laser marks for easy identification
- Detachable screw for easy cleaning.
- Standard abutment screw – No need for special driver.
- Unique non symmetric geometry for easy scan.
- Available for IH and CHC implant platforms as well as TCT-N and TSA-N screw retained restoration.
- Compatible with a wide range of CAD/CAM systems
- Available in regular, wide or angled shape for all restoration areas.
- Available for Sirona blocks.

● Titanium bases and adhesive copings

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

Advantages at a glance:

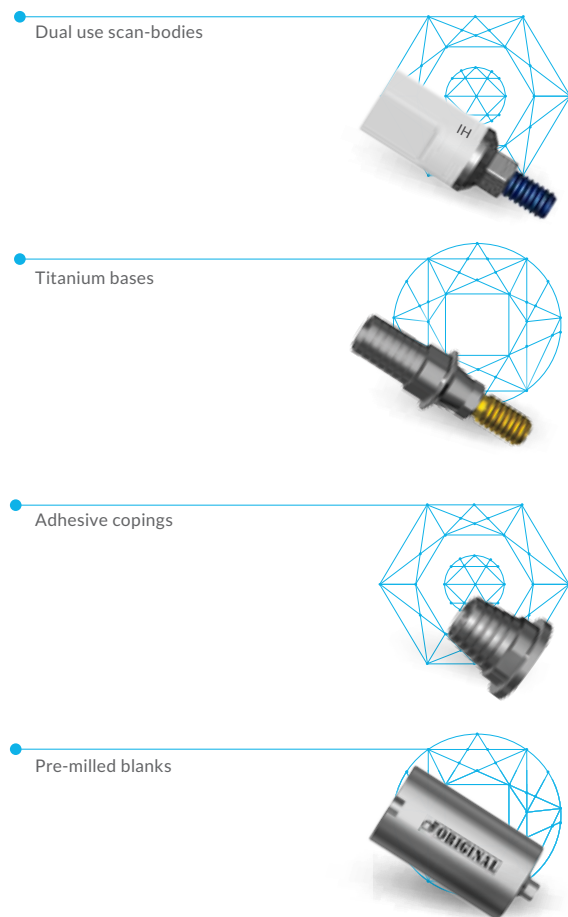
- Fabricated with the exact tolerances, ensuring best reliable implant to restoration fit.
- Support of cement and screw retained restoration.
- Support of single tooth (engaged) and bridge (non-engaged) restoration.
- Supports cement retained restoration for for IH and CHC platforms.
- Supports screw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

● Pre-milled Blank abutments

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

Advantages at a glance:

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



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



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Cement Retained Restoration Internal Hex Connection Platform

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



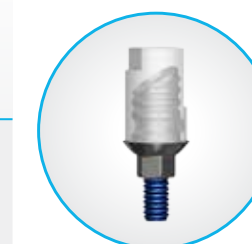
Dual Use Scan Body

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: 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-R	WCCTB	WCCTB-R
Ref. No.	5024	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 (Bocal) side of the base.

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

Cement Retained Restoration Conical Hex Connection Platform

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

Dual Use Scan Body
IOSB-CHC
5002
For lab 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: Ø3.6 mm B: 5 mm C: 5.7 mm D: 0.5 mm
Code	CCTB-CHC	CCTB-CHC-R
Ref. No.	5026	5025
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

Dual Use Scan Body
IOSB-TCT-N
5004
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

Screw Retained Restoration - TSA-N

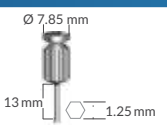

SUPPORTED IMPLANTS: NeO*, SPI, ICE, DFI, ATID

Dual Use Scan Body
IOSB-TSA-N
5003
For lab use and intra-oral

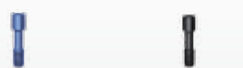

Adhesive Copings	
	Non Engaged (bridges/bars)
Dimensions	A: Ø4 mm B: 2 mm C: 3 mm D: 0.5 mm E: Ø3.2 mm
Code	TAC-TSA-N
Ref. No.	5015
Instructions	For bar/bridge restoration

* NeO (Ø3.75 mm, Ø4.2mm, 5.0mm)



Tools & Accessories

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

Cement Retained Restoration Internal Hex Platform

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

Cement Retained Restoration Conical Hex Platform

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

Screw Retained Restoration - TCT-N & TSA-N

Screws			Analog				
							
Code	SF-N	SFT-N	S-DM-SR	BTT-N	AUC-BTT-N	BTS-N	AUC-BTS-N
Ref. No.	6092	9093	4994	5211	5212	5213	5214
Instructions	Clinical-Silver (included in package). standard multiunit TCT-N screw	Lab-Black (Optional). Lab use multiunit TCT-N screw	For direct mounting	Suitable for TCT-N	Suitable for TCT-N	Suitable for TSA-N	Suitable for TSA-N

Supported Systems

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



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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 bocially 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

BioMaterials

Compliments Your Work

With 25 years of experience in implantology, Alpha-Bio[™] has assembled one of the most efficient and comprehensive biomaterials product lines available today. The vast portfolio of Xenograft, Allograft and synthetic biomaterials enables osteoconduction, osteoinduction or combined biological actions. 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.



Natural Bovine Bone Substitutes

The Classical Choice

A unique proprietary manufacturing process offers the option of choice for long term volume preservation while preserving the natural human like three dimensional structure of hydrophilic surface area and high porosity with optimal pore size. Products allow excellent integration and new bone formation for numerous GBR procedures.



Synthetic, Resorbable Bone Substitutes

The Future Choice

An innovative, fully synthetic biphasic bone substitute with exceptional controlled resorption properties and outstanding handling characteristics allows an efficient solution for dentists and patients who prefer a 100% synthetic source material.



Human Bone Substitutes

The Natural Choice

When it comes to procedure planning, allograft selection 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. Products offer an excellent fit for the majority of dental procedures.



Soft Tissue Regeneration

The Complete Selection

Either combined with Alpha-Bio's GRAFT bone substitute, or as standalone treatment, our naturally resorbed collagen membranes provide an effective barrier function for epithelial cells as well as an excellent matrix for new blood vessel growth. Rapid rehydration and easy manipulation is enabled in both wet and dry conditions. Membranes usage should be considered in all cases of GBR & GTR.

Bone Substitutes Xenograft

Alpha-Bio's GRAFT Natural Bovine Bone

Alpha-Bio's GRAFT is clear of all organic components, resulting in a protein free Hydroxyapatite ceramic mineral similar to the human bone and allowing excellent integration and bone formation. The unique proprietary processing of this product assures excellent long term volume preservation as well as exceptional patient blood resorption ability, resulting in superior handling qualities.



Granules Size	Small (0.5-1mm)				Large (1-2mm)	
	0.5cc	1cc	2cc	5cc	2cc	5cc
Ref. No.	3225	3236	3207	3206	3232	3237

Synthetic

Alpha-Bio's GRAFT Synthetic, Resorbable Bone

Alpha-Bio's GRAFT Synthetic, Resorbable Bone is an innovative, fully synthetic biphasic bone substitute with exceptional controlled resorption properties and outstanding handling characteristics. The homogenous composition of 60% hydroxyapatite (HA) and 40% Beta-Tri Calcium Phosphate (β-TCP) results in two mineral phases of activity: supporting the formation of new vital bone, while maintaining volume and mechanical stability. Alpha-Bio's GRAFT Synthetic, Resorbable Bone features high osteoconductivity and high macroporosity, supporting osteogenic cell growth and regeneration of vital bone.



Granules Size	Small (0.5mm-1mm)		Large (0.8mm-1.5mm)	
	0.5cc	1cc	0.5cc	2cc
Ref. No.	3201	3202	3203	3204

Allografts

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. The product is provided in a vial or an included syringe, which enables prompt rehydration with saline or patient's blood.



Granules Size	Small (0.2-0.85mm)		Large (0.5-1mm)	
	0.5cc	1cc	2cc	5cc
Volume	0.5cc	1cc	2cc	5cc
Units	1 syringe	2 syringe	1 vial	1 vial
Ref. No.	3249	3250	3254	3258

Demineralized Cortical Granules* (DFDBA – Demineralized Freeze Dried Bone Allograft)

Alpha-Bio's GRAFT Demineralized Cortical Granules Syringe is comprised of freeze dried cortical bone, which has undergone a demineralization process. This process exposes the growth factors that are naturally available within the bone supporting both osteoconduction and osteoinduction mechanisms. The osteoinductive ability was proven to accelerate the formation of natural bone. The included syringe enables prompt rehydration with saline or patient's blood.



Granules Size	Small (0.2-0.85mm)	
	0.5cc	1 syringe
Volume	0.5cc	1 syringe
Units	1 syringe	
Ref. No.	3272	

* Available in selected countries.

Cancellous Block 10x10x10 *

Alpha-Bio's GRAFT Cancellous Block is composed of pure vessels cancellous bone. The formation of the block supports cell expansion within the block matrix, while enabling ideal blood vessels formation. This process results in the creation of new cell aggregation that supports the creation of new high quality bone formation.



Size	10x10x10mm
Ref. No.	3261

Corticocancellous Block 6x12x20 *

Alpha-Bio's GRAFT Corticocancellous Block is a double layered, one piece block consisting of cortical and cancellous natural layers. The dual layer block enables the ideal use of bone qualities for both fixation and healing processes.



Size	6x12x20mm
Ref. No.	3260

Resorbable Membranes

Alpha-Bio's GRAFT Collagen Membrane

Alpha-Bio's GRAFT Collagen Membrane provides an effective barrier function for epithelial cells as well as an excellent matrix for new blood vessel growth. Due to its unique production process, the superior properties of the native pericardium are preserved, maintaining the characteristics of this natural tissue. The membrane provides rapid rehydration and easy manipulation during use in both wet and dry conditions and is naturally resorbed.



Size	15x20mm	20X30mm	30X40mm
Ref. No.	3246	3242	3212

* Available in selected countries.

Alpha-Bio's GRAFT Collagen Fleece

Alpha-Bio's GRAFT Collagen Fleece is a pH-neutral, wet-stable, haemostatic native collagen sponge. The potent haemostatic effect of the collagen is induced by the adhesion of platelets to the collagen fibrils. As a result, platelets aggregate and release coagulation factors. This initiates the coagulation cascade resulting in hemostasis. The neutral PH level which is unique for this product prevents soft tissue irritation. The product's flexible compressible structure allows a convenient manipulation by the dentist and adequate fit for wide range of procedures.



Size	20x20mm
Content	12 separately packed units
Ref. No.	3205

Alpha-Bio's GRAFT Biocryl Membrane *

Alpha-Bio's GRAFT Biocryl Membrane is made from a synthetic absorbable copolymer of Glycolide and Lactide, a closely woven material which consists of non-dyed suturing fibers. Alpha-Bio's GRAFT Biocryl Membrane is primarily a separating structure for therapeutic oral surgery.



Size	10x10mm	10X20mm	20X30mm
Ref. No.	3151	3152	3153

* Available in selected countries.

Alpha-Bio's GRAFT Sample Data & Procedures Table¹

● Wide match ● Optional match

Product Group	Bone Substitutes						Resorbable Membranes		
Source	Xenograft	Synthetic	Allograft			Biological Collagen	Synthetic		
Product Image									
Product Name	Natural Bovine Bone	Synthetic, Resorbable Bone	Cortico-cancellous Granules	Demine-ralized Granules	Cancellous Block	Cortico-cancellous Block	Collagen Membrane	Collagen Fleece	Biocryl Membrane
Sinus Floor Elevation	●	●					●	●	●
Socket / Ridge Preservation	●	●	●	●			●	●	
Horizontal Augmentation	●	●	●	●	●	●	●		
Vertical Augmentation	●		●		●	●			
Periodontal Defects	●	●	●	●			●		
Covering Palatal Gingival Donor Sites								●	
Estimated Re-entry time (by months) ¹	8-9	6-8	6-8	6-8	8	8			
Estimated Main Integration (by months) ¹	<9	<4	<6	2-3	6-8	6-8	3	1	2

¹ Data in this document is provided as general example only. It is based on a combination of manufacturers IFU's, professional literature and manufacturer/one supplier written materials. Appropriate product selection and usage quantity must be determined based on dentist's clinical judgment considering patient systemic conditions, bone type, defect severity, and additional parameters when required. Reported values can vary depending on patient and defect clinical condition.



Products List & Ref. No.

Product List and Ref. No.

Reference Number	Code	Product Description	Page No.
109	HS3	Healing Abutment L3.0mm	30
110	HS5	Healing Abutment L5.0mm	30
111	CST	Cover Screw	30
112	HSS3	Slim Healing Abutment L3.0mm	30
113	HSS5	Slim Healing Abutment L5.0mm	30
114	HSS4	Slim Healing Abutment L4.0mm	30
116	HS2	Healing Abutment L2.0mm	30
117	HS4	Healing Abutment L4.0mm	30
118	HS6	Healing Abutment L6.0mm	30
119	HS7	Healing Abutment L7.0mm	30
120	HSD5-3	Wide D5.0mm Healing Abutment L3.0mm	31
121	HSD5-5	Wide D5.0mm Healing Abutment L5.0mm	31
122	HSD6-3	Wide D6.0mm Healing Abutment L3.0mm	31
123	HSD6-5	Wide D6.0mm Healing Abutment L5.0mm	31
124	HS5-3	Healing Abutment D5.0 H3.0mm	31
125	HS5-5	Healing Abutment D5.0 H5.0mm	31
126	HS5.5-3	Healing Abutment D5.5 L3.0mm	31
127	HS5.5-5	Healing Abutment D5.5 H5.0mm	31
128	HS6-3	Healing Abutment D6.0 H3.0mm	31
129	HS6-5	Healing Abutment D6.0 H5.0mm	31
130	HS7-3	Healing Abutment D7.0 H3.0mm	31
131	HS7-5	Healing Abutment D7.0 H5.0mm	31
132	HS8-3	Healing Abutment D8.0 H3.0mm	31
132-001	HLTC	Closed Tray Transfer for ARRC	94
133	HS8-5	Healing Abutment D8.0 H5.0mm	31
135-001	CSTC	Cover Screw for ARRC	82
138-001	IAC ARRC	Implant Analog for ARRC	94
1000	ICE	Implant Classical Esthetic Narrow D3.7mm L10mm	26
1001	ICE	Implant Classical Esthetic Narrow D3.7mm L11.5mm	26
1003	ICE	Implant Classical Esthetic Narrow D3.7mm L13mm	26
1010	ICE	Implant Classical Esthetic D3.75mm L10mm	26
1011	ICE	Implant Classical Esthetic D3.75mm L11.5mm	26
1013	ICE	Implant Classical Esthetic D3.75mm L13mm	26
1016	ICE	Implant Classical Esthetic D3.75mm L16mm	26
1018	ICE	Implant Classical Esthetic D3.75mm L8mm	26
1020	ICE	Implant Classical Esthetic D4.2mm L10mm	26
1021	ICE	Implant Classical Esthetic D4.2mm L11.5mm	26
1023	ICE	Implant Classical Esthetic D4.2mm L13mm	26
1026	ICE	Implant Classical Esthetic D4.2mm L16mm	26
1028	ICE	Implant Classical Esthetic D4.2mm L8mm	26
1030	ICE	Implant Classical Esthetic D4.65mm L10.0mm	26
1031	ICE	Implant Classical Esthetic D4.65mm L11.5mm	26
1033	ICE	Implant Classical Esthetic D4.65mm L13.0mm	26
1036	ICE	Implant Classical Esthetic D4.65mm L6.0mm	26
1038	ICE	Implant Classical Esthetic D4.65mm L8.0mm	26
1040	ICE	Implant Classical Esthetic D5.3mm L10mm	26
1041	ICE	Implant Classical Esthetic D5.3mm L11.5mm	26

Reference Number	Code	Product Description	Page No.
1043	ICE	Implant Classical Esthetic D5.3mm L13mm	26
1046	ICE	Implant Classical Esthetic D5.3mm L6mm	26
1048	ICE	Implant Classical Esthetic D5.3mm L8mm	26
1056	ICE	Implant Classical Esthetic D4.2mm L6mm	26
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