Product Catalog

2015

Contents

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 suites a wide range of clinical demands.

Our prosthetic components are designed to facilitate the use of a single restoration platform for each implant family. The surgical kit is compatible with all our implant systems.

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 the needs of the dental professional.

Implant Systems

Our implant systems cover a wide variety of surgical procedures. These include: immediate or delayed implant placement, immediate or delayed loading. The excellent compliance with 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% (Strieztzel); 96% in the maxilla and 98% in the mandible (Artzi).*

Prosthetics

We offer a large 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.

Alpha-Bio's GRAFT

Alpha-Bio's GRAFT includes a comprehensive biomaterials product line of Xenografts, Allografts and Alloplasts. All products are carefully processed using cutting edge manufacturing procedures offering the dentists the finest combination of long lasting clinical effectiveness, esthetic 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: Through advanced research and years of development, Alpha-Bio Tec offers implant systems that are highly developed and easy to use, in most of clinical situations.

At Alpha-Bio Tec we believe in making the work of dental professionals, dentists and lab technicians, as easy as possible; that's why we have created a single prosthetic platform for Internal Hex implant family, allowing prosthetic parts to be interchanged. 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 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.

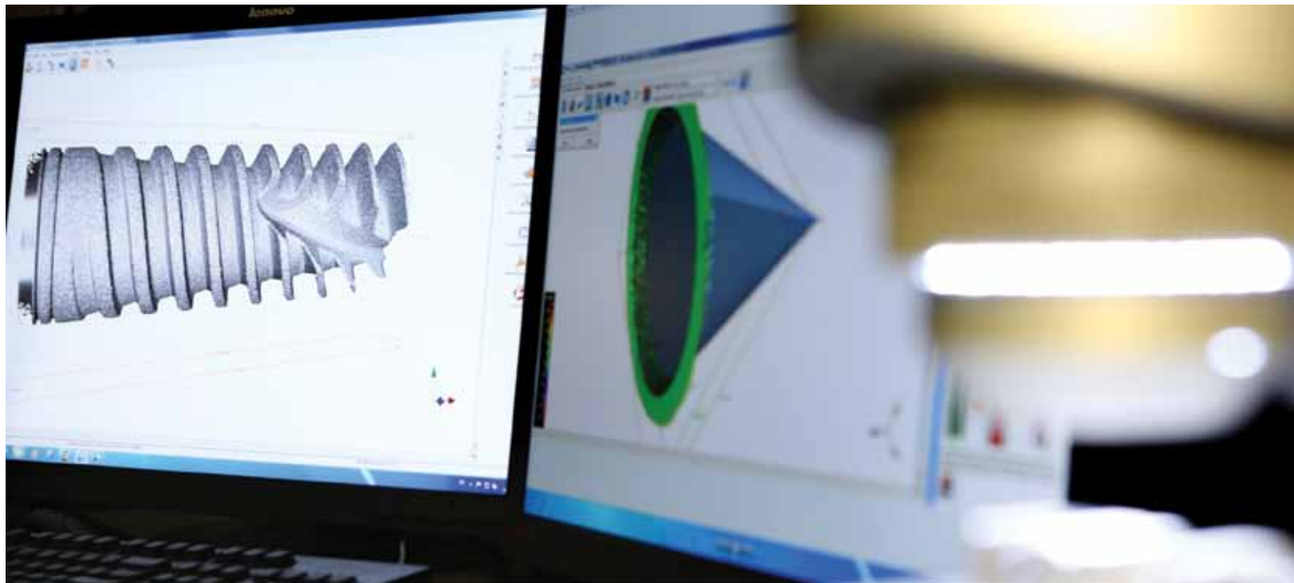
QUALITY: Alpha-Bio Tec has established strict quality system that complies with the highest level of quality system standards.

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.



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.

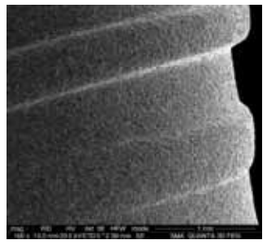
NanoTec™ implant surface is of a hybrid type and is achieved through a complex process that involves large (20-40 microns) particles sandblasting and a double thermal etching for the creation of micro pores (sized 1-5 microns). This unique process creates a high surface area differentiation, increases 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.

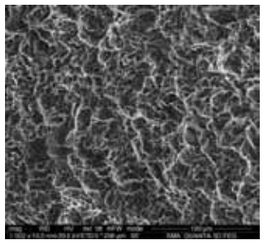
NanoTec™ implant surface process advantages:

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

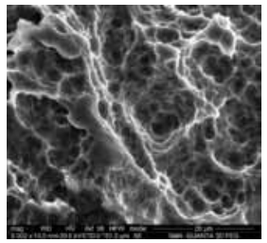
SEM of implant surface



Magnification: X 100



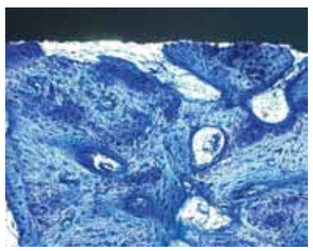
Magnification: X 1000



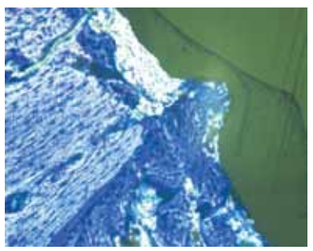
Magnification: X 5000

Histology*

Magnification: X 10



Magnification: X 100



Magnification: X 200

* **References:** Light microscopy photography of non-decalcified histology staining toloidin blue. TUBIA of New Zealand rabbits. The study of Dr. Omer Cohen and Prof. Ofer Moses, Tel-Aviv University. Histology performed in laboratory of Prof. Dr. Dr. Daniel Rothamel, University of Cologne, 2014.

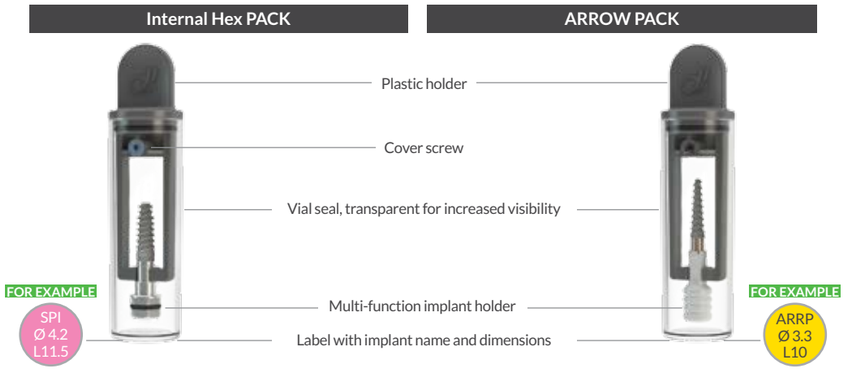
Multi-function Implant Package

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:

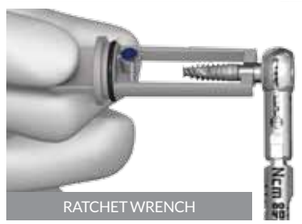
- Various implant insertion methods – The implant can be removed from the package and initially inserted using a motor mount, ratchet wrench, surgical screwdriver or manually.
- Simplicity and ease-of-use – The package is opened easily, allowing comfortable access to the implant and the cover screw.
- 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.



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

Internal Hex Implant Systems

Today, dental professionals seek simple, easy-to-use dental solutions that provide their patients with the best short and long term clinical and esthetic results. Our Internal Hex implant systems are 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.

SPI

The Original Spiral Implant

The SPI, Alpha-Bio Tec's leading implant, has exceptional self-drilling capabilities, a unique spiral body design with redirecting capability during insertion to the bone, and obtains very high primary stability, particularly in highly complex clinical cases. Outstanding results were demonstrated in immediate loading and immediate implant placement cases. It is most recommended for soft bone (type III and IV).

I.C.E.™

Implant Classical Esthetics

The I.C.E. provides perfect esthetics and clinical results for all bone types, from the simplest to the most complicated cases. It introduces a perfect balance between high primary stability and gentleness to the bone, which makes it highly suitable implant for immediate implantation and loading.

DFI

Dual Fit Implant

The DFI was especially developed to provide dental professionals with a confident implant suitable for all clinical procedures. It achieves long-term stability and is easily stabled and controlled during placement.

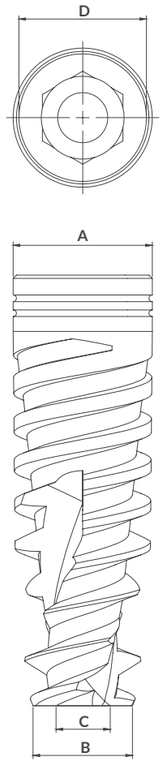
ATID

Standard Implant

The ATID is a standard cylindrical implant with a unique body and core design that provides minimal pressure on hard bone, and therefore, most suitable for use with bone types I and II.

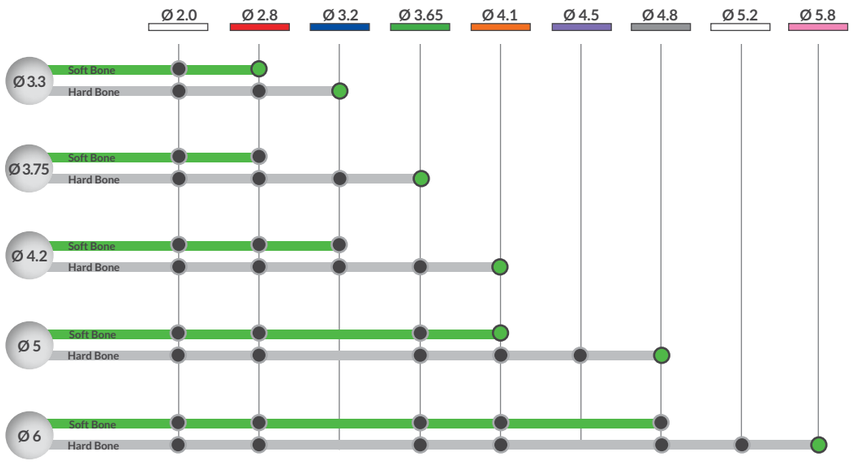
SPI The Original Spiral Implant

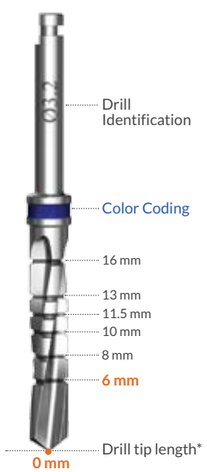
Diameter	Length	Ref. No.	Dimensions			
			A	B	C	D
Ø 3.3	8 mm	1308	Ø 3.7	Ø 2.55	Ø 1.55	Ø 3.5
	10 mm	1300	Ø 3.7	Ø 2.55	Ø 1.55	Ø 3.5
	11.5 mm	1301	Ø 3.7	Ø 2.55	Ø 1.55	Ø 3.5
	13 mm	1303	Ø 3.7	Ø 2.55	Ø 1.55	Ø 3.5
	16 mm	1306	Ø 3.7	Ø 2.55	Ø 1.55	Ø 3.5
Ø 3.75	8 mm	1358	Ø 3.85	Ø 2.9	Ø 2	Ø 3.5
	10 mm	1350	Ø 3.85	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:

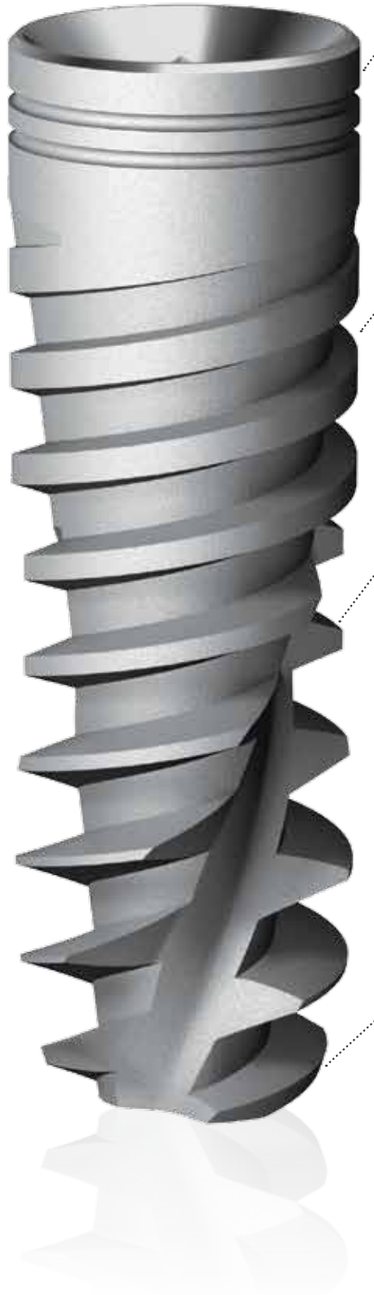
- In cases of extremely hard bone it is recommended to make adjustments to the drilling protocol.
- The drill tip length should be considered when preparing the osteotomy.
- See page 26 for important notes regarding the laser marked drills.
- The below protocol is recommended for most clinical cases however, additional professional considerations and the protocol amendments may be required in specific cases.





Throughout entire implant's length — In cases of a hard bone drill through the cortical layer

* The length of the drill is measured from the tip to the middle of the depth marking.



INTERNAL HEX

Design Features:
- Extremely precise and durable
- One platform for all diameters
- Platform switching

Advantages:
- Solid connection
- Perfect implant-abutment fit
- Simple restoration process

CORONAL PART

Design Features:
- Micro rings*

Advantages:
- Greater surface area
- Prevention of alveolar crest cortical bone resorption
- Better load distribution
- Decreased crestal stress
- Increased BIC (Bone to Implant Contact)

IMPLANT BODY AND CORE

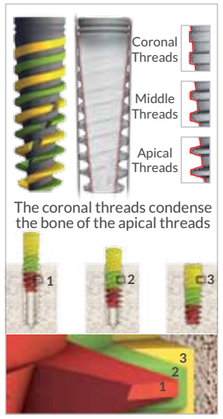
Design Features:
- Tapered body
- Tapered core - more pronounced than the body
- Osteotome like condensing body

Advantages:
- High primary stability
- High bone condensation properties
- Easy insertion

IMPLANT THREADS

Design Features:
- Double thread design with 2.4 mm step
- Wide thread step
- Threads depth increase in the apical direction
- Variable threads design:
  - o Coronal – thicker square threads
  - o Middle – thinner square threads
  - o Apical - V threads

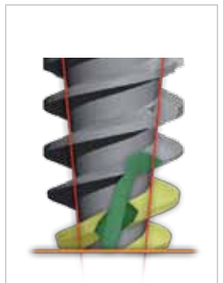
Advantages:
- Easy and smooth insertion
- High primary stability
- Bone condensing
- Self drilling
- Self tapping
- Redirecting capability
- Excellent bone grip
- Increase BIC (Bone to Implant Contact)



APICAL PART

Design Features:
- Sharp and deep threads
- Narrow core
- Apical blades
- Flat apical border
- Condensing flute

Advantages:
- Self tapping
- Self drilling
- Easy insertion
- Helps prevent damage to anatomical structures
- Enables the implant to penetrate small diameter prepared sites



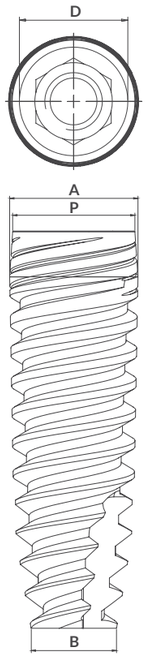
* The number of micro rings may vary between different implant diameters and/or lengths.

Note: The illustration shows SPI implant Ø3.75 / 13 mm.

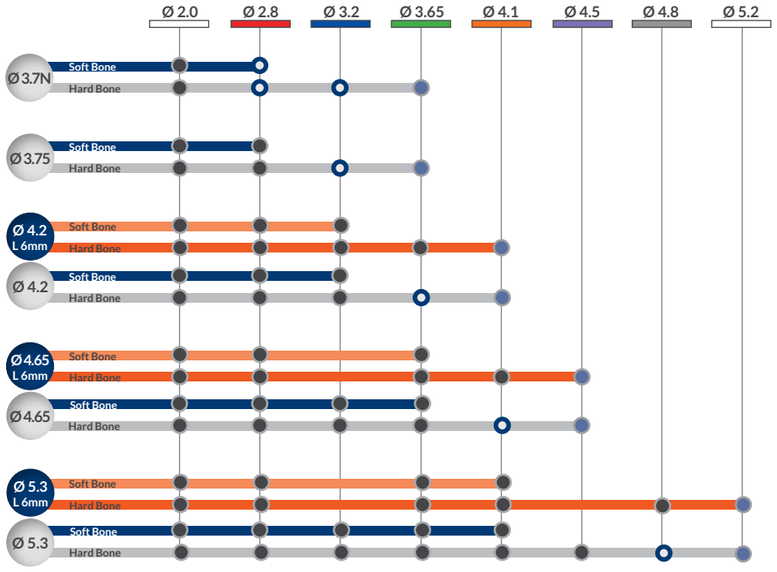
ICE™ Implant for Classical Esthetics

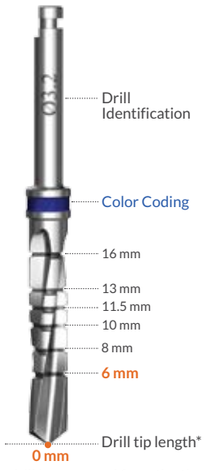
Scan to view ICE movie:

Diameter	Length	Ref. No.	Dimensions			
			A	B	D	P
Ø 3.7N	10 mm	1000	Ø 3.7	Ø 2.2	Ø 3.5	Ø 3.7
	11.5 mm	1001	Ø 3.7	Ø 2.2	Ø 3.5	Ø 3.7
	13 mm	1003	Ø 3.7	Ø 2.2	Ø 3.5	Ø 3.7
Ø 3.75	8 mm	1018	Ø 3.75	Ø 2.6	Ø 3.5	Ø 3.75
	10 mm	1010	Ø 3.75	Ø 2.6	Ø 3.5	Ø 3.75
	11.5 mm	1011	Ø 3.75	Ø 2.6	Ø 3.5	Ø 3.75
	13 mm	1013	Ø 3.75	Ø 2.6	Ø 3.5	Ø 3.75
	16 mm	1016	Ø 3.75	Ø 2.6	Ø 3.5	Ø 3.75
Ø 4.2	6 mm	1056	Ø 4.2	Ø 2.7	Ø 3.5	Ø 4.2
	8 mm	1028	Ø 4.2	Ø 2.8	Ø 3.5	Ø 4.2
	10 mm	1020	Ø 4.2	Ø 2.8	Ø 3.5	Ø 4
	11.5 mm	1021	Ø 4.2	Ø 2.8	Ø 3.5	Ø 4
	13 mm	1023	Ø 4.2	Ø 2.8	Ø 3.5	Ø 4
	16 mm	1026	Ø 4.2	Ø 2.8	Ø 3.5	Ø 4
Ø 4.65	6 mm	1036	Ø 4.65	Ø 2.9	Ø 3.85	Ø 4.65
	8 mm	1038	Ø 4.65	Ø 3	Ø 3.85	Ø 4.65
	10 mm	1030	Ø 4.65	Ø 3	Ø 3.85	Ø 4.45
	11.5 mm	1031	Ø 4.65	Ø 3	Ø 3.85	Ø 4.45
	13 mm	1033	Ø 4.65	Ø 3	Ø 3.85	Ø 4.45
Ø 5.3	6 mm	1046	Ø 5.3	Ø 3.8	Ø 3.85	Ø 5.3
	8 mm	1048	Ø 5.3	Ø 3.45	Ø 3.85	Ø 5.3
	10 mm	1040	Ø 5.3	Ø 3.45	Ø 3.85	Ø 5.1
	11.5 mm	1041	Ø 5.3	Ø 3.45	Ø 3.85	Ø 5.1
	13 mm	1043	Ø 5.3	Ø 3.45	Ø 3.85	Ø 5.1

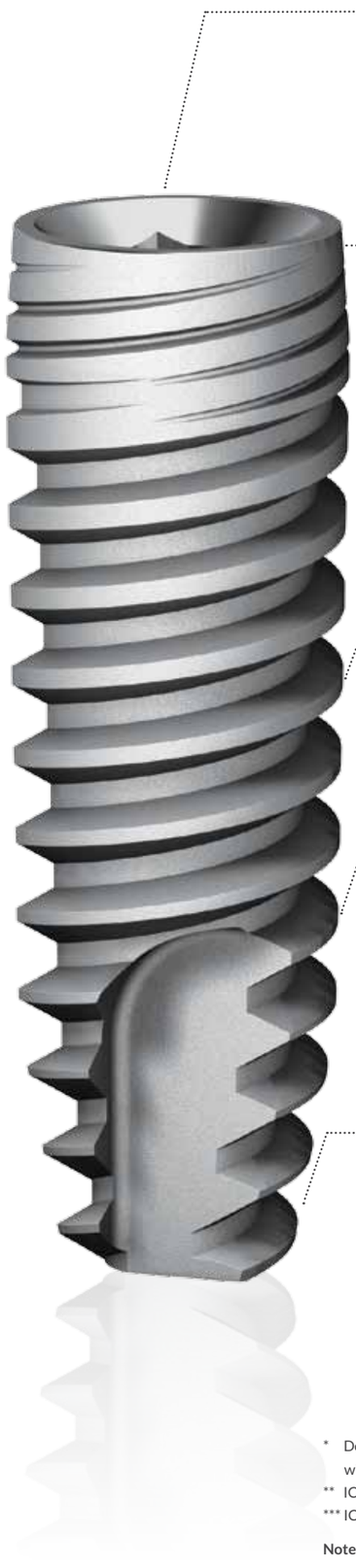


Important:
- In cases of extremely hard bone it is recommended to make adjustments to the drilling protocol.
- The drill tip length should be considered when preparing the osteotomy.
- See page 26 for important notes regarding the laser marked drills.
- The below protocol is recommended for most clinical cases however, additional professional considerations and the protocol amendments may be required in specific cases.
- **Important! I.C.E 6 mm has a special suggested drilling protocol.**





* The length of the drill is measured from the tip to the middle of the depth marking.

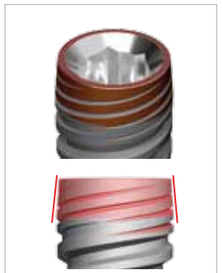


IMPROVED INTERNAL HEX
Design Features:
- Extremely precise and durable
- One platform for all diameters*
- Platform switching

Advantages:
- Solid connection
- Perfect implant-abutment fit
- Simple restoration process

CORONAL PART
Design Features:
- Back-tapered**
- Micro threads with 4 split starts***
- Split coronal micro threads
- Rough surface reaches the top

Advantages:
- Great BIC (Bone Implant Contact) in the cortical part
- Large surface area
- Improved stress distribution
- Reduces pressure on cortical bone
- Less crestal resorption
- Long-term esthetic appearance

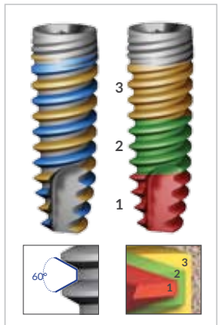


IMPLANT BODY AND CORE
Design Features:
- Tapered body and core
- Osteotome like condensing body

Advantages:
- Smooth and gentle bone penetration
- High primary stability
- High bone condensation properties

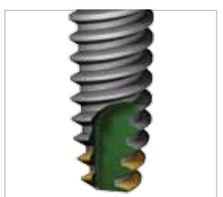
IMPLANT THREADS
Design Features:
- Double thread design with 2 mm step
- Variable thread design
- 60° thread profile with 0.3 mm trapezoid-based shape

Advantages:
- Easy and smooth insertion
- Fast and controlled bone penetration
- Excellent bone grip
- Moderate self-drilling capability
- Reduces pressure on bone
- High primary stability



APICAL PART
Design Features:
- Very narrow apical part
- Apical blades
- Efficient cutting flute
- Flat apical border
- Sharp and deep apical threads

Advantages:
- Smooth initial penetration
- High primary stability (also in immediate implantation)



* Do not use I.C.E. implants with: wide healing abutments (HSD5-3, HSD5-5, HSD6-5, HSD6-3), wide abutments (TLAB5, TLAB6, TLAD5, TLAD6, TLAD5-15) and wide analogs (IA5 and IA6).

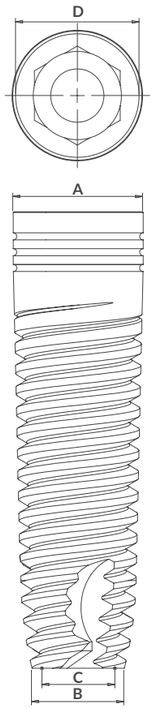
** ICE implants with Ø4.2, Ø4.65 and Ø5.3 in lengths 10 mm and longer.

*** ICE implants with Ø4.2, Ø4.65 and Ø5.3 in lengths 6 and 8 mm have micro threads with 2 split starts.

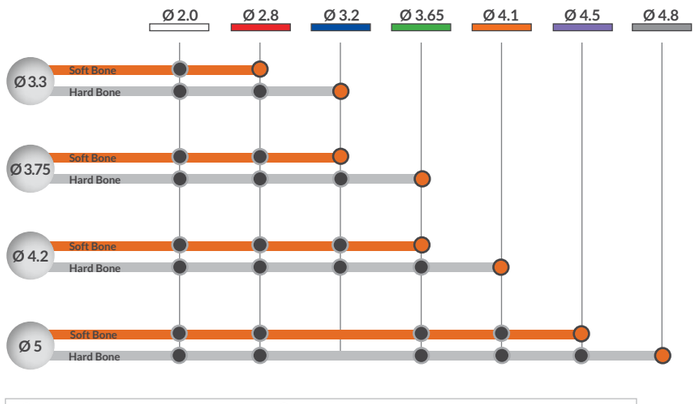
Note: The illustration shows ICE implant Ø4.2 / 13 mm.

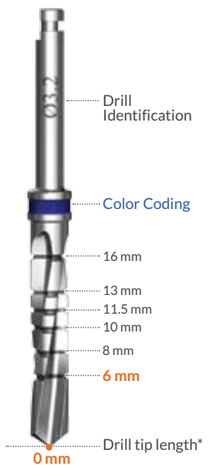
DFI Dual Fit Implant

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:
- In cases of extremely hard bone it is recommended to make adjustments to the drilling protocol.
- The drill tip length should be considered when preparing the osteotomy.
- See page 26 for important notes regarding the laser marked drills.
- The below protocol is recommended for most clinical cases however, additional professional considerations and the protocol amendments may be required in specific cases.



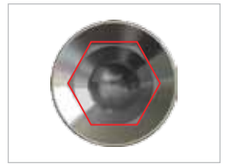


* The length of the drill is measured from the tip to the middle of the depth marking.

INTERNAL HEX

Design Features:
- High precision and durability
- One platform for all diameters

Advantages:
- Solid connection
- Exact implant-abutment fit
- Simple restoration process



CORONAL PART

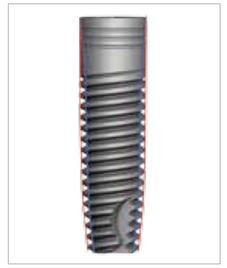
Design Features:
- Micro rings*
- Platform switching

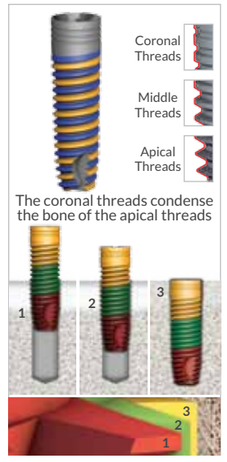
Advantages:
- Large surface area
- Minimizes crestal resorption
- Adequate load distribution
- Decreased crestal stress

IMPLANT BODY AND CORE

Design Features:
- Tapered body design for Ø3.3 for its entire length
- Increased BIC (Bone to Implant Contact)
- The design of the core is more pronounced compared to the design of the threads

Advantages:
- High primary stability
- Smooth insertion
- Minimal pressure on bone





IMPLANT THREADS

Design Features:
- Double thread design with 1.2 mm step
- Threads increase in the apical direction
- Variable threads design

Advantages:
- Controlled insertion
- Reduces pressure on bone

APICAL PART

Design Features:
- Sharp threads
- Apical blades
- Flat apical border
- Cutting taper

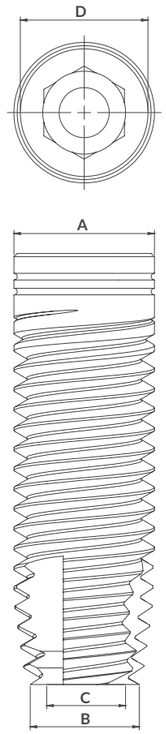
Advantages:
- Controlled, smooth insertion
- Gentle to anatomical structures

* The number of micro rings may vary between different implant diameters and/or lengths.

Note: The illustration shows DFI implant Ø3.3 / 13 mm.

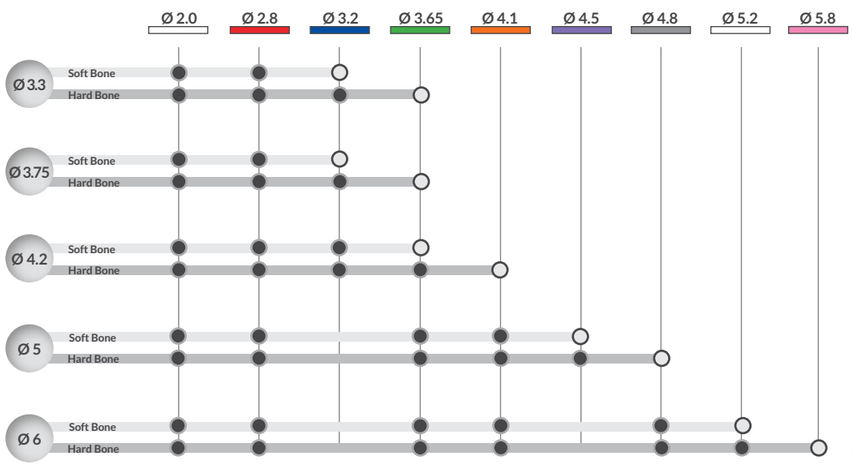
ATID Standard Implant With Parallel Walls

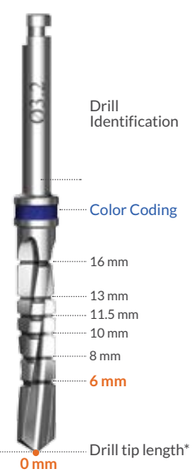
Diameter	Length	Ref. No.	Dimensions			
			A	B	C	D
Ø 3.3 	8 mm	1418	Ø 3.7	Ø 2.6	Ø 2.1	Ø 3.5
	10 mm	1410	Ø 3.7	Ø 2.6	Ø 2.1	Ø 3.5
	11.5 mm	1411	Ø 3.7	Ø 2.6	Ø 2.1	Ø 3.5
	13 mm	1413	Ø 3.7	Ø 2.6	Ø 2.1	Ø 3.5
	16 mm	1416	Ø 3.7	Ø 2.6	Ø 2.1	Ø 3.5
Ø 3.75 	8 mm	1428	Ø 3.75	Ø 2.8	Ø 2.1	Ø 3.5
	10 mm	1420	Ø 3.75	Ø 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:

- In cases of extremely hard bone it is recommended to make adjustments to the drilling protocol.
- The drill tip length should be considered when preparing the osteotomy.
- See page 26 for important notes regarding the laser marked drills.
- The below protocol is recommended for most clinical cases however, additional professional considerations and the protocol amendments may be required in specific cases.





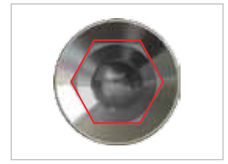
Throughout entire implant's length In cases of a hard bone drill through the cortical layer

* The length of the drill is measured from the tip to the middle of the depth marking.

INTERNAL HEX

Design Features:
- High precision and durability
- One platform for all diameters
- Platform switching

Advantages:
- Exact implant-abutment connection
- Simple restoration process



CORONAL PART

Design Features:
- Micro rings*

Advantages:
- Has the greatest surface area
- Better load distribution
- Decreased crestal stress

IMPLANT BODY AND CORE

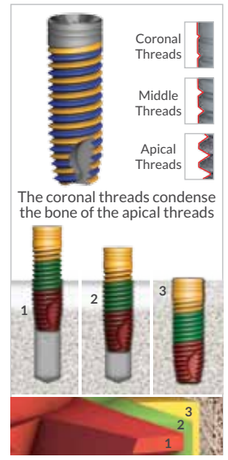
Design Features:
- Tapered body design for Ø3.3 for the entire length
- Upper 3/4 of the implant body is cylindrical while the lower quarter is tapered for Ø3.75 and above
- Non-aggressive multi-format threads without peri-implant bone condensing effect
- Increased BIC (Bone to Implant Contact)

Advantages:
- Minimal pressure on hard bone
- Controlled insertion

IMPLANT THREADS

Design Features:
- Double thread design with 1.2 mm step
- Variable threads design

Advantages:
- Smooth and controlled insertion
- Support primary stability



APICAL PART

Design Features:
- Sharp threads
- Apical blades
- Flat apical border
- Cutting taper

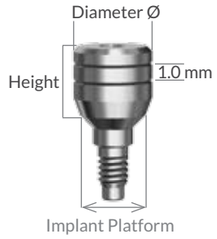
Advantages:
- Gentle to anatomical structures

* The number of micro rings may vary between different implant diameters and/or lengths.

Note: The illustration shows ATID implant Ø3.75 / 13 mm.

Healing Abutments

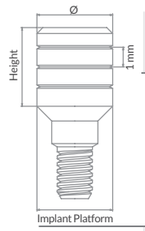
Wide range of healing abutments is available in narrow, standard and wide diameters.



- Used for Internal Hex 2.5 mm implants.
- Maintain tissue opening for establishing proper emergence profile.
- Polished titanium surface for excellent tissue acceptance.
- Marks (1mm) are designed for easy calculations of a healing abutment height above trans - gingival thikness.
- The top of the healing abutment is laser marked for an easy identification of its height and diameter.

Slim (Titanium)

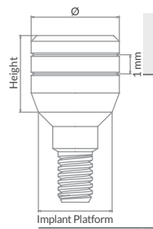
Suitable for all implant diameters



	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)

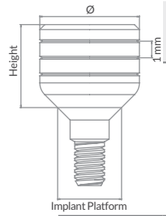
Suitable for all implant diameters



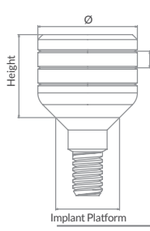
	Healing Abutments Ø 4.6 mm					
Dimensions	D: Ø 4.6 mm H: 2 mm	D: Ø 4.6 mm H: 3 mm	D: Ø 4.6 mm H: 4 mm	D: Ø 4.6 mm H: 5 mm	D: Ø 4.6 mm H: 6 mm	D: Ø 4.6 mm H: 7 mm
Code	HS2	HS3	HS4	HS5	HS6	HS7
Ref. No.	116	109	117	110	118	119

COVER SCREW

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



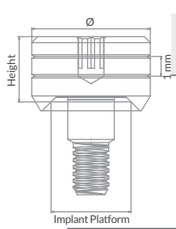
	Healing Abutments Ø 5 mm		Healing Abutments Ø 5.5 mm	
Dimensions	D: Ø 5 mm H: 2 mm	D: Ø 5 mm H: 3 mm	D: Ø 5.5 mm H: 3 mm	D: Ø 5.5 mm H: 5 mm
Code	HS5-3	HS5-5	HS5.5-3	HS5.5-5
Ref. No.	124	125	126	127



	Healing Abutments Ø 6 mm		Healing Abutments Ø 7 mm		Healing Abutments Ø 7.8 mm	
Dimensions	D: Ø6 mm H: 3 mm	D: Ø 6 mm H: 5 mm	D: Ø 7 mm H: 3 mm	D: Ø 7 mm H: 5 mm	D: Ø 7.8 mm H: 3 mm	D: Ø 7.8 mm H: 5 mm
Code	HS6-3	HS6-5	HS7-3	HS7-5	HS8-3	HS8-5
Ref. No.	128	129	130	131	132	133

Wide (Titanium)

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

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.

Surgical Instrumentation & Tools

One Kit for All Systems

Alpha-Bio Tec's surgical instrumentation kits are suitable for all procedures. The kits contain sockets for drills, drivers, ratchet wrench or torque ratchet wrench and spare sockets for any extra tools required by the practitioner.

- Ergonomically designed box for best possible fit of surgical instruments
- Light, compact, and easy to carry
- Made of shock-resistant plastic materials certified for over 1000 autoclave sterilizations
- Carefully arranged and removable sectioned tray to accommodate drivers, tools, and drills, each in a separate section
- Individually designed silicon support holds each instrument to prevent movements during transportation, even if turned upside down
- Laser-etched markings on the tray will never fade or scratch and allow easy clean-up
- Box dimensions: 19cm x 14cm x 6cm
- Materials:
  - Box: PPSU
  - Tool Holders: Autoclavable medical-grade silicon
  - Bath: Stainless steel
- Allows 4 different working positions, plus 5th non-skid tray-only option

ORDERING INFORMATION: REF. NO 4613

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

MINI KIT BOX

- Box dimensions: 8.5cm x 10cm x 5cm
- Materials:
  - Box: PPSU
  - Bath: Stainless steel

ORDERING INFORMATION: REF. NO. 4611

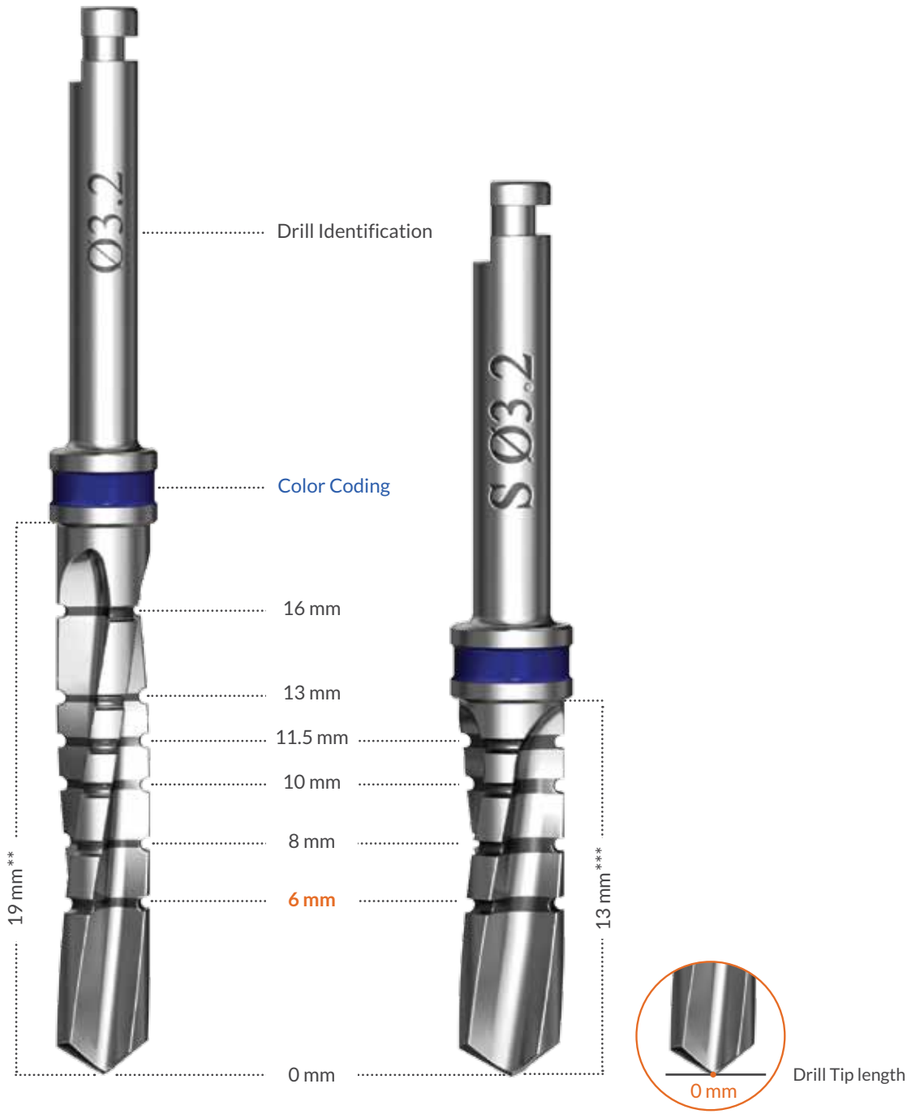
Kit is provided empty. The tools and drills must be ordered separately.

Non-skid tray legs

Securely locked box

Surgical Laser Marked Drills - External Irrigation

The surgical drills are available in various diameters*. The drills are made of biocompatible stainless steel. All drills are color coded and marked with dark laser heights marks for easy identification of the osteotomy depth and drilling sequence during surgery.



Important:

* Images are for illustrative purposes only.

** The active part of the drill ends at 19 mm.

*** The active part of the short drill ends at 13 mm.

- Apical height (drill tip) is included in the drill depth calculation.
- The length of the drill is measured from the tip edge to the middle of the depth mark.
- The drill tip height varies according to the drill diameter and should be considered when preparing osteotomy.

Long Drills (Stainless Steel)

	Ø 2.0	Ø 2.5* (New)	Ø 2.8	Ø 3.0** (New)	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											

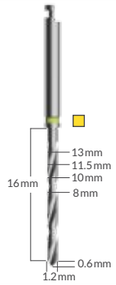
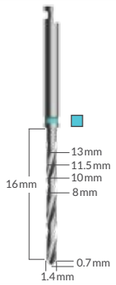
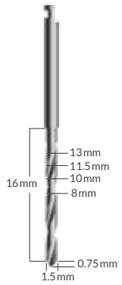
* Ø2.5 drill is not included in our drilling protocols. Nevertheless, it is offered as an option for widening the surgeon's possibilities.

** Ø3.0 mm drill is used for NICE implants only.

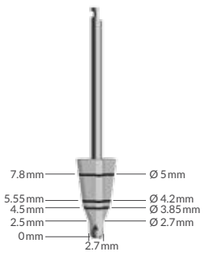
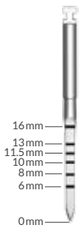
Short Drills (Stainless Steel)

	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									

Surgical Drills

Narrow Drills (Stainless Steel)			
			
Diameter	1.2 mm	1.4 mm	1.5 mm
Code	DRX1.2	DRX1.4	DRX1.5
Ref. No.	4669	4670	4671
Instructions	The drill tip length should be added to the total drilling length 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.

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

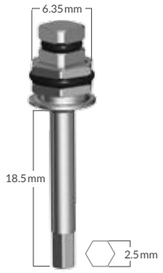
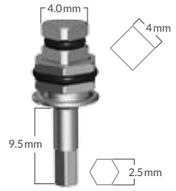
Surgical Drills And Trephines

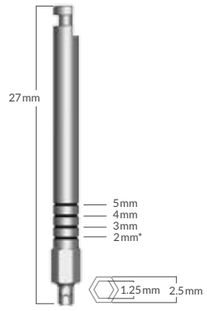
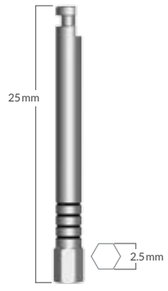
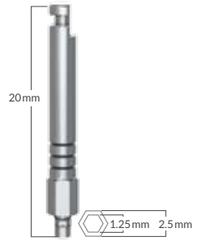
Round Bur (Stainless Steel)			
			
Diameter	2.3 mm	3 mm	4 mm
Code	RB2.3	RB3	RB4
Ref. No.	4303	4304	4305
Instructions	For various bone manipulations, such as penetration of the cortical plate of the alveolar crest		

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

Ceramic Drills (Zirconium – Oxide Ceramics)		
		
Diameter	2.0 mm	2.8 mm
Code	DRC2	DRC2.8
Ref. No.	4209	4289
Instructions	The drill tip length should be considered when preparing the osteotomy	

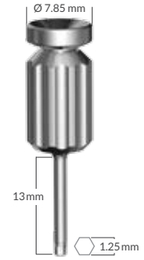
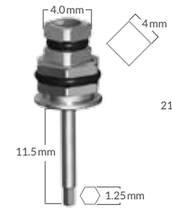
Implant Insertion Tools

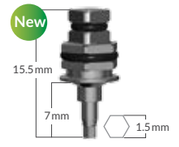
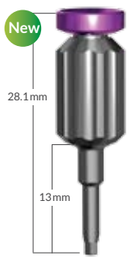
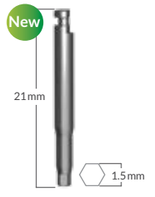
Hand Wrench (Stainless Steel)	**Internal Hex Insertion Drivers** (Stainless Steel)		
	2.5 mm	**2.5 mm Short**	**2.5 mm Extra Short**
			
Code: HTW	ITD 2.5	ITD 2.5 S	ITD 2.5 SS
Ref. No.: 4014	4151	4152	4153
Instructions: Converts drivers to manual drivers. Compatible with 6.35 mm hex drivers	Compatible 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)

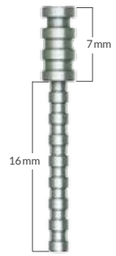
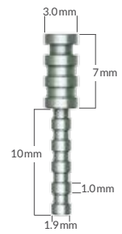
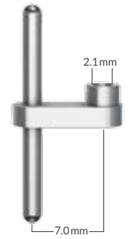
* From implant level.

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**	**Long Hand Hex Driver 1.5 mm**	**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.

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

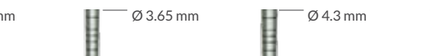
Used with 6.35 mm hexagonal head.

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.

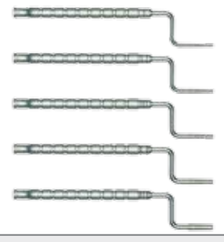
Straight Osteotomes (Stainless Steel)



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)

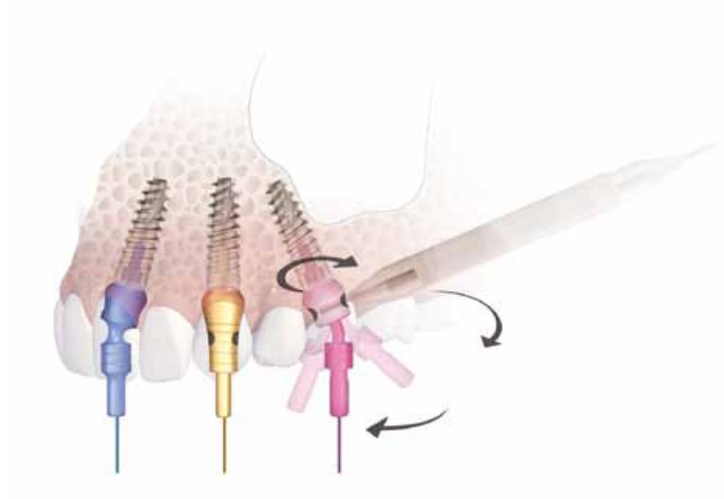
Diameter	2-2.65 mm	2.55-3.2 mm	3.1-3.65 mm	3.55-4.3 mm	4.2-4.8 mm
Ref. No.	4261/1	4261/2	4261/3	4261/4	4261/5

	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

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.			

Prosthetics System for Internal Hex

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.

For cement-retained restoration we offer a wide range of straight, angled and castable abutments. And to reach a highly esthetic outcome, you can choose between Zirconia and our Titanium esthetic lines.

For screw-retained restoration we provide a comprehensive solution for single, partial and full arch restoration; on straight and tilted implants.

Alpha-Bio Tec's unique single restoration platform enables the use of any abutment with any Internal Hex implant diameter.

Cement-retained

Alpha-Bio Tec offers a variety of abutments for cement-retained restoration; straight, angled or casting abutments for customization, we will have a solution for any of your clinical and restorative needs.
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.

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, the range is stable and highly reliable. Narrower prosthetic parts enable the use of wide porcelain crowns at the final restoration stage, for stronger, more esthetic results; and additional new restorative parts provide a comprehensive solution for any clinical condition. With a highly 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 for a single tooth, partial or a full edentulous jaw.

Esthetic abutments

Especially designed for those with high esthetic demands, this line includes anatomic and uniquely designed esthetic abutments made of Gold Anodized Titanium, and Zirconia.
The unique emergence profile and narrow neck design of the esthetic anatomic abutments ensures optimal esthetic and functional results. The Zirconia's white color and superb mechanical strength guarantees long-term high quality esthetics. All abutments are available in both straight and angled design.

Overdenture restoration

Alpha-Bio Tec's line of Overdenture attachments includes two restoration options.
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.

Prosthetics Parts Table

Cement-retained Restoration

Healing Abutments

Slim
Suitable for Ø3.3, Ø3.75, Ø4.2, Ø5 and Ø6 implants
HSS3 (112)
HSS4 (114)
HSS5 (113)

Standard
Suitable for Ø3.3, Ø3.75, Ø4.2, Ø5 and Ø6 implants
HS2 (116) HS5.5-3 (126)
HS3 (109) HS5.5-5 (127)
HS4 (117) HS6-3 (128)
HS5 (110) HS6-5 (129)
HS6 (118) HS7-3 (130)
HS7 (119) HS7-5 (131)
HS5-3 (124) HS8-3 (132)
HS5-5 (125) HS8-5 (133)

Wide
Suitable for Ø5 and Ø6 implants
HSD5-3 (120)[1]
HSD5-5 (121)[1]
HSD6-3 (122)[1]
HSD6-5 (123)[1]

Cover Screw
For all diameters
CST (111)

Impression

Closed Tray Transfers
HLT (5060)
HLTS (5170)
HLTLS (5062)
SHLT (5172)
HTLASP (5364)
PTLASP (5396)
Precise impression snap on to be used only on top of TLASP1 - 4 and ETLASP 1-4 abutments

Open Tray Transfers
HLTO (5061)
HLTOS (5171)
LGP (5070)
SHLT (5172)

Analogs
IA (5080)
IA5 (5280)[1]
IA6 (5290)[1]

Temporary Abutments

PEEK straight
TPA1 (5416)[2]
TPA2 (5417)[2]
TPA3 (5418)[2]

PEEK 15°
TPA1-15(5419)[2]
TPA2-15 (5420)[2]
TPA3-15 (5421)[2]

PEEK 25°
TPA1-25(5422)[2]
TPA2-25 (5423)[2]

TLAC-AR (5200)
Anti-rotational

TLAC-R (5220)
Rotational

Straight Abutments

Classical
TLA (5030)
TLAL (5140)
TLASP1 (5366)
TLASP2 (5367)
TLASP3 (5368)
TLASP4 (5369)
TLAD 5 (5310)[1]
TLAD 6 (5320)[1]
TLASSS (5152)
TLASS (5151)
TLAS (5150)
TLASSP (5403)
TLASP (5404)
TLASHP (5405)
TLAO2 (5182)
TLAO4 (5362)
TLAWP (5401)
TLAWPL (5402)
TLAW (5340)
TCA (5010)

Esthetic
ETLA (5031)
ETLASP1 (5352)
ETLASP2 (5353)
ETLASP3 (5354)
ETLASP4 (5355)
ETLAS (5155)
ETLASS (5156)

Anatomic
EOAPSS (5406)
EOAPS (5407)
EAAPS (5409)
EAAPSS (5408)

Zirconia
ZHBZ (6054)
HBZ (6043)
HBZ-R(6044)

Screw-retained Restoration

TCT System – Restoration for Up to 30° between the implants

HCT6-N (5237)
HCTB-N (5241)
HCT4-N (5236)

Open Tray Transfers
SFL-N (6012)
TST-N (5231)
Analog
AUC-BTT-N (5212)

Closed Tray Transfers
S-N (5235)
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)
HSA5.0-N (5240)

Open Tray Transfers
SFL-N (6012)
TOS-N (5233)
Analog
AUC-BTS-N (5214)

Closed Tray Transfers
S-N (5235)
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

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

Same as Cement-retained Restoration at implant level

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

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 (4805)
5 mm (4806)
6 mm (4807)
7 mm (4866)

Angled Abutments

Classical
TLA 15° (5090)
TLAL 15° (5092)
TLA 15°B (5091)
TLA 15°BB (5098)
TLA 35° (5136)
TLA 25° (5130)
TLAL 25° (5134)
TLAD5-15° (5311)[1]

Esthetic
ETLAL 15° (5094)
ETLA 25° (5131)

Anatomic
15°
EAAS 15° (5410)
EAA 15° (5411)
EAAH 15° (5412)
25°
EAAS 25° (5413)
EAA 25° (5414)
EAAH 25° (5415)

Zirconia
ZHBZ 15° (6058)
ZHBZ 25° (6057)
Customization
PHBZ (6080)

Screws

STLASH (5127)
For TLA 35° only
STLAS (5122)
STLAT (5121)
laboratory
RS (5110)
Retrieval Screw
SHBZ (6053)
For Zirconia Abutments

AlphaUniverse UniCovers

TLAS (5307)

Nylon Caps

TCT System – Restoration for Up to 30° between the implants

Casting
PST-N (5218)
PST-N-AR (5217 Anti-Rotational)

SF-N (6092)
SFT-N (6093)

AUC-TCT-N (5201)

TSA Sytem – 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

TLAB (5100)
TLABG (6401)
TLABCC (6405)
TLABCC-R (6406)
TLAB5 (5250)[1]
TLAB 6 (5260)[1]

Ball Attachments

TBAA2 (6304)
TBAA3 (6306)
TBAB2 (6305)
TBAB3 (6307)

Ball 1mm (5305)
Ball 2mm (5306)
H (6240)
NC (6250)
NCT (6251)
NCA (6253)

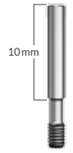
Alphaloc (4880)
4877
4876
4878
4879
4882
4884

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

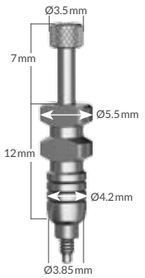
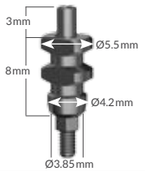
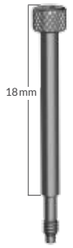
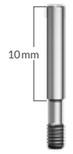
Impression

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
				
Material	Stainless Steel		Stainless Steel	Titanium
Code	HLT	HLTS	HLTLS	SHLT
Ref. No.	5060	5170	5062	5172

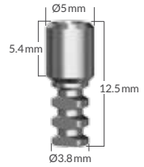
Note: each transfer is supplied with its corresponding screw.

Open Tray Transfer				
				
Material	Stainless Steel		Titanium	
Code	HLTO	HLTOS	LGP	SHLT
Ref. No.	5061	5171	5070	5172

Note: each transfer is supplied with its corresponding screw.

IMPLANT ANALOGS (Stainless Steel)

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.

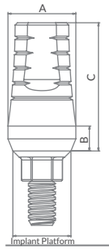
Analog			
	Standard	Wide	
			
Code	IA*	IA5*	IA6*
Ref. No.	5080	5280	5290
Instructions	IA5 and IA6 are not compatible with I.C.E. implants		

Laboratory Hex Drivers		
	Allen Key 1.25 mm 	Hex Tool Adapter 1.25 mm 
Code	1.25L	1.25HL
Ref. No.	4510	4520

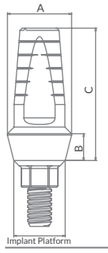
* Product design may vary

Cement Retained Restoration

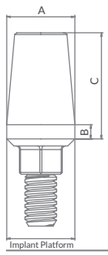
Titanium Abutments



	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

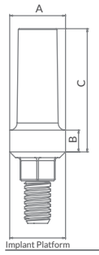


	Straight Abutments with Various Cuff Heights				Plastic Transfer	Burnout Plastic Sleeve
						
Dimensions	A: Ø4.8 mm B: 1 mm C: 8.9 mm	A: Ø4.8 mm B: 2 mm C: 9.9 mm	A: Ø4.8 mm B: 3 mm C: 10.9 mm	A: Ø4.8 mm B: 4 mm C: 11.9 mm		
Code	TLASP1	TLASP2	TLASP3	TLASP4	HTLASP*	PTLASP*
Ref. No.	5366	5367	5368	5369	5364	5396
Instructions	* Suitable for TLASP and ETLASP abutments					

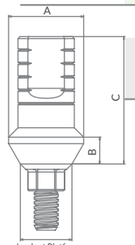


	Slim Abutments		
			
Dimensions	A: Ø3.85 mm B: 0.8 mm C: 3 mm	A: Ø3.85 mm B: 0.8 mm C: 6 mm	A: Ø3.85 mm B: 0.8 mm C: 8.5 mm
Code	TLASSS	TLASS	TLAS
Ref. No.	5152	5151	5150
Instructions	For limited restorative space such as maxillary lateral incisor and mandibular anterior teeth		

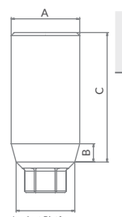
Titanium Abutments



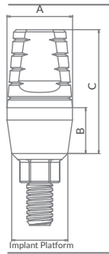
	Slim Abutments with Various Cuff Heights		
			
Dimensions	A: Ø3.85 mm B: 0.5 mm C: 8.5 mm	A: Ø3.85 mm B: 1.5 mm C: 8.5 mm	A: Ø3.85 mm B: 2.5 mm C: 8.5 mm
Code	TLASSP	TLASP	TLASHP
Ref. No.	5403	5404	5405
Instructions	For limited restorative space such as maxillary lateral incisor and mandibular anterior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



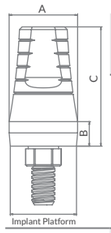
	Wide Profile Abutments
	
Dimensions	A: Ø4.5 mm C: 8.5 mm
Code	TLAW
Ref. No.	5340
Instructions	For wide emergence profile restoration and more flexibility of abutment fabrication/customization



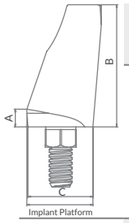
	Wide Profile Abutments	
		
Dimensions	A: Ø4.5 mm B: 3.2 mm C: 8.5 mm	A: Ø4.5 mm B: 3.2 mm C: 12.5 mm
Code	TLAWP	TLAWPL
Ref. No.	5401	5402
Instructions	For wide emergence profile restoration and more flexibility of abutment fabrication/customization	

	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).

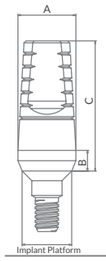
Titanium Abutments



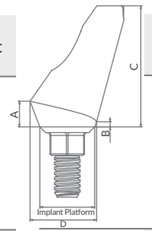
	Wide Platform Abutments for wide Implants Ø5 and Ø6 mm	
		
Dimensions	A: Ø5.3 mm B: 1.85 mm C: 9 mm	A: Ø6.3 mm B: 1.85 mm C: 9 mm
Code	TLAD 5*	TLAD 6*
Ref. No.	5310	5320



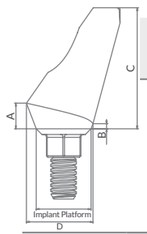
	Wide Platform Abutments for wide Implants Ø5 and Ø6 mm
	
Dimensions	A: 1.3 mm B: 9 mm C: Ø5.2 mm
Code	TLAD 5-15*
Ref. No.	5311



	Non-Engaging Abutment
	
Dimensions	A: Ø4.5 mm B: 1.6 mm C: 10 mm
Code	TCA
Ref. No.	5010
Instructions	Used for multiple unit restorations only



	Angled Abutments 15°			
				
Dimensions	A: 1.7 mm B: 0.5 mm C: 8.5 mm D: 4.5 mm	A: 1.65 mm B: 0.15 mm C: 11.5 mm D: 4.5 mm	A: 2.3 mm B: 1 mm C: 8.5 mm D: 4.7 mm	A: 1.5 mm B: 2.4 mm C: 9 mm D: 4.8 mm
Code	TLA 15	TLAL 15	TLA 15B	TLA 15BB
Ref. No.	5090	5092	5091	5098
Instructions	For creation of favourable line of insertion			



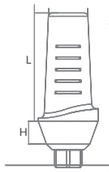
	Angled Abutments 25°		Angled Abutments 35°
			
Dimensions	A: 1.8 mm B: 0.4 mm C: 8.5 mm D: 4.7 mm	A: 2.4 mm B: 0.4 mm C: 11.5 mm D: 4.4 mm	A: 1.45 mm B: 1 mm C: 10 mm D: 4.65 mm
Code	TLA 25	TLAL 25	TLA 35
Ref. No.	5130	5134	5136
Instructions	For creation of favourable line of insertion		Supplied with 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. implants.

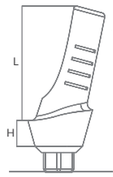
Temporary Abutments

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.
- Sutiable for cement-retained or screw-retained temporary restoration.

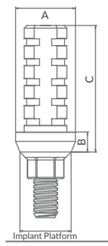


	Straight		
			
Dimensions	L: 9 mm, H: 1mm	L: 9 mm, H: 2mm	L: 9 mm, H: 3mm
Code	TPA1	TPA2	TPA3
Ref. No.	5416	5417	5418



	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

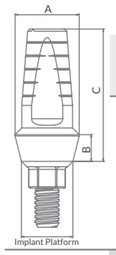
TEMPORARY TITANIUM ABUTMENTS



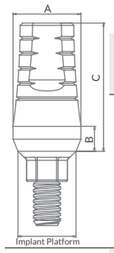
	Temporary Abutments	
		
Dimensions	A: Ø4.5 mm B: 1.7 mm C: 9.5 mm	A: Ø4.5 mm B: 1.7 mm C: 7.8 mm
Code	TLAC-AR	TLAC-R Non-Engaging
Ref. No.	5200	5220
Instructions		Used for multiple unit restorations

Esthetic Titanium Abutments

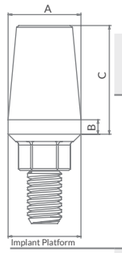
Straight cement-retained Gold Anodize esthetic abutments with 4 different cuff heights (1mm, 2mm, 3mm and 4mm).
The abutments can be used with a highly accurate plastic transfer (Ref. no. 5364) for closed tray impression.



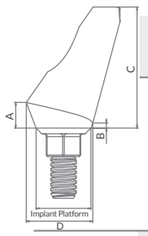
	Straight Abutments with Various Cuff Heights				Plastic Transfer	Burnout Plastic Sleeve
						
Dimensions	A: Ø4.5 mm B: 1 mm C: 7.5 mm	A: Ø3.9 mm B: 2 mm C: 9.9 mm	A: Ø4.5 mm B: 3 mm C: 10.5 mm	A: Ø4.5 mm B: 4 mm C: 11.5 mm		
Code	ETLASP1	ETLASP2	ETLASP3	ETLASP4	HTLASP*	PTLASP*
Ref. No.	5352	5353	5354	5355	5364	5396
Instructions	* Suitable for TLASP and ETLASP abutments					



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



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

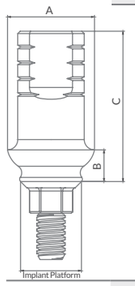


	Angled Abutments	
		
Dimensions	A: 1.65 mm B: 0.15 mm C: 11.5 mm D: 4.5 mm	A: 1.8 mm B: 0.4 mm C: 8.5 mm D: 4.7 mm
Code	ETLAL 15	ETLA 25
Ref. No.	5094	5131
Instructions	For creation of favourable line of insertion	

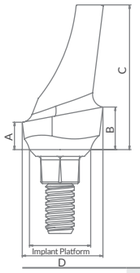
Esthetic Anatomic Abutments

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



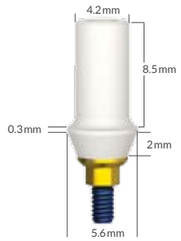
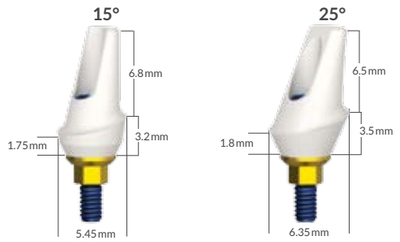
	Angled Abutments 15°			Angled Abutments 25°		
						
Dimensions	A: 1.6 mm B: 2.5 mm C: 8.7 mm D: 5.1 mm	A: 2.6 mm B: 3.5 mm C: 9.7 mm D: 5.1 mm	A: 3.6 mm B: 4.5 mm C: 10.6 mm D: 5.1 mm	A:1.6 mm B: 2.3 mm C: 9 mm D: 5.3 mm	A: 2.5 mm B: 3.3 mm C: 9.9 mm D: 5.3 mm	A: 3.7 mm B: 4.5 mm C: 10.9 mm D: 5.3 mm
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		

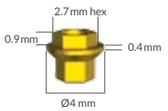
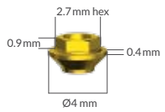
Zirconia Abutments

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. Supports both screw-retained and cement-retained restoration.

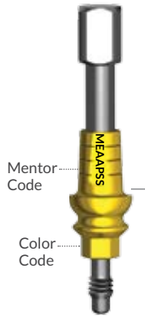
	Straight Zirconia Abutment	Angled Zirconia Abutments	
			
Code	ZHBZ	ZHBZ-15	ZHBZ-25
Ref. No.	6054	6058	6057

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

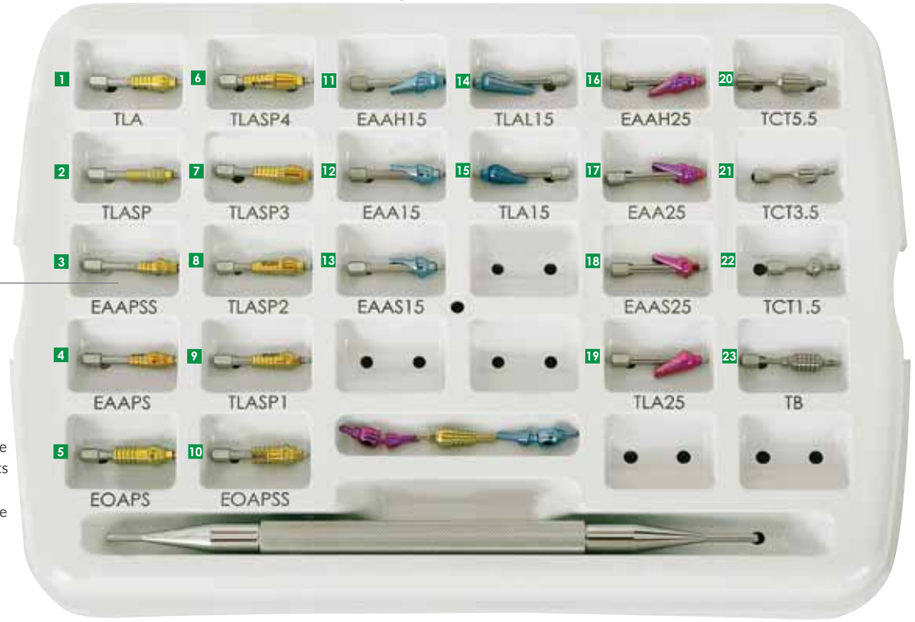
Mentor Kit

New

Plan it Simply



The laser marking on the tray represents the original abutment code



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

2 **M-TLASP (5570)***
TLASSP (5403), TLASP (5404), TLASHP (5405)
Slim Titanium Abutment with Short platform

3 **M-EAAPSS (5573)**
EAAPSS (5408)
Short Straight Esthetic Anatomic Abutment

4 **M-EAAPS (5574)**
EAAPS (5409)
Straight Esthetic Anatomic Abutment

5 **M-EOAPS (5572)**
EOAPS (5407)
Esthetic Omni Abutment with PS

6 **M-TLASP4 (5569)**
TLASP4 (5369)
Simply Straight Titanium Abutment Cuff H4.0mm

7 **M-TLASP3 (5568)**
TLASP3 (5368)
Simply Straight Titanium Abutment Cuff H3.0mm

8 **M-TLASP2 (5567)**
TLASP2 (5367)
Simply Straight Titanium Abutment Cuff H2.0mm

9 **M-TLASP1 (5566)**
TLASP1 (5366)
Simply Straight Titanium Abutment Cuff H1.0mm

10 **M-EOAPSS (5571)**
EOAPSS (5406)
Short Esthetic Omni Abutment with PS

11 **M-EAAH15 (5579)**
EAAH15 (5412)
High Esthetic Anatomic Abutment 15°

12 **M-EAA15 (5578)**
EAA15 (5411)
Esthetic Anatomic Abutment 15°

13 **M-EAAS15 (5577)**
EAAS15 (5410)
Short Esthetic Anatomic Abutment 15°

14 **M-TLAL15 (5576)**
TLAL15 (5092)
Long Angled Titanium Abutment 15°

15 **M-TLA15 (5575)**
TLA15 (5090)
Angled Titanium Abutment 15°

16 **M-EAAH25 (5583)**
EAAH25 (5415)
High Esthetic Anatomic Abutment 25°

17 **M-EAA25 (5582)**
EAA25 (5414)
Esthetic Anatomic Abutment 25°

18 **M-EAAS25 (5581)**
EAAS25 (5413)
Short Esthetic Anatomic Abutment 25°

19 **M-TLA25 (5580)**
TLA25 (5130)
Angled Titanium Abutment 25°

20 **M-TCT5.5 (5564)**
TCT5.5-N (5254)
TCT 5.5-N Abutment

21 **M-TCT3.5 (5563)**
TCT3.5-N (5252)
TCT 3.5-N Abutment

22 **M-TCT1.5 (5562)**
TCT1.5-N (5222)
TCT 1.5-N Abutment

23 **M-TB (5561)****
TB0.5 (6260), TB2 (6210), TB3 (6280), TB4 (6220), TB5 (6270), TB6 (6290)
Straight Ball Titanium Abutment L0.5mm

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

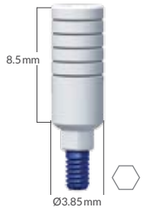
ORDERING INFORMATION: Ref No.5555 (FOR BOX AND MENTOR ABUTMENTS ONLY).
The Paraguide System and the Rotation Tool should be ordered separately.

Abutments for Casting

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.

Titanium Base Abutments				Chrome Cobalt Base Abutments		Gold Base Abutments
						
Melting Range	>900°C			>1290°C - 1380°C		>1400°C - 1490°C
Code	TLAB	TLAB 5	TLAB 6	TLABCC	TLABCC-R Rotational	TLABG
Ref. No.	5100	5250	5260	6405	6406	6401
Remarks		Use TLAB5 for Ø 5.0 mm implant and TLAB6 for Ø6.0 mm implant. Not compatible with I.C.E. implants.				

Plastic Abutments				
				
Code	PLA	PLA-R	PLAS	PLA 15
Ref. No.	5040	5041	5050	5093

Prosthetic Screws

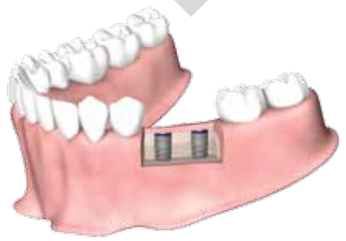
All Titanium abutments are supplied with STLAS screw with the exception of TLASS and TLA 35 which are supplied with a different screw - STLASH. In cases where numerous screwing and unscrewing are required, it is recommended to replace the STLA screw with the STLAT.

Prosthetic Screws			
			
Material	Titanium	Titanium*	Titanium
Code	STLAS	STLAT	STLASH**
Ref. No.	5122	5121	5127
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)		

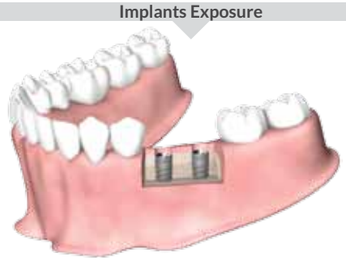
Retrieval Screw	
	
Material	Titanium
Code	RS
Ref. No.	5110
Instructions	Used for retrieval of stuck abutments in implant analogs

Cement-Retained Restoration Workflow

1 After Implantation

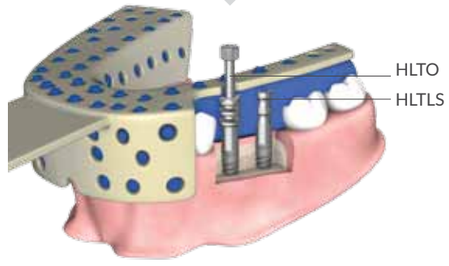


2 Implants Exposure



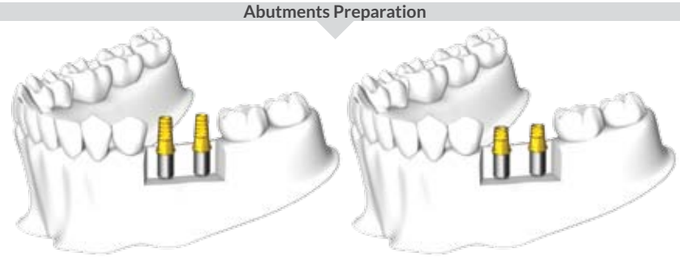
3 Healing Abutments

4 Open or Closed Tray Impression Technique at Implant Level



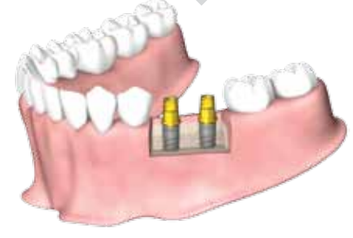
5 Model Casting Transfer

6 Abutments Preparation



7 Metal Casting

8 Abutments Placement



9 Final Restoration

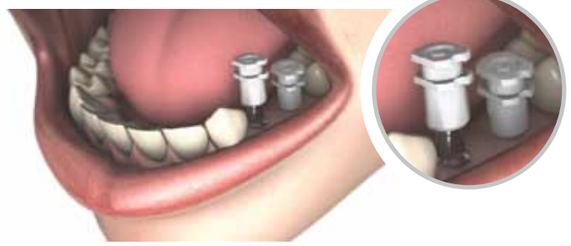
Closed Tray Snap-On Transfer Workflow

1 Abutment Placement

- Measure the soft tissue height and select the appropriate Straight Abutment for the procedure according to abutment cuff height.
- Position the abutment into the implant and secure the screw. Tighten the abutment using a torque wrench at 30 Ncm.

2 Impression

- Position the Closed Tray Plastic Transfer over the abutment. The indication arrow at the top of the transfer points to the flat side of the abutment.
- Press the Simply Closed Tray Plastic Transfer onto the abutment. A "click" will indicate that the transfer has been placed correctly.

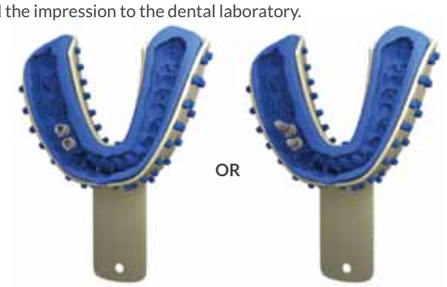


- Make a standard impression. When the impression is pulled, the transfer will disengage from the abutment and will remain in the impression.

3 Sending the Impression to the Dental Laboratory

Send the impression to the dental laboratory for model and prosthetic fabrication.

- **Option A -** Leave the abutment in the patient's mouth and proceed with temporary restoration without milling the abutment. The laboratory will then connect the appropriate abutment.
- **Option B -** Remove the abutment from the implant, connect it to the impression and send the impression to the dental laboratory.



Screw Retained Restoration

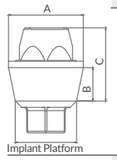
Professional System for Superior Esthetics

Alpha-Bio Tec's straight abutment systems for screw-retained restoration provide a solution for any 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 improvment 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.

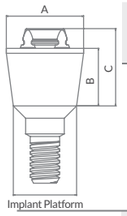
	ABUTMENTS TYPE	DIMENSIONS	WHEN TO USE?
	**HBC Abutments**	Ø4.7 mm with cuff heights of 0.5, 1.5 or 2.5 mm	• For single unit screw-retained restorations
	**TCT-N Abutments**	Ø4.7 mm with cuff heights of 0.5, 1.5, 2.5, 3.5, 4.5 or 5.5 mm	• Designed for implants with up to 30° diversion between them • Multiple unit fixed restoration • For stabilizing overdentures
	**TSA-N Abutments**	Ø4 mm with cuff heights of 1.5, 2.5, 3, 4 and 5 mm	• 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	• For multiple unit restoration • For aligning tillted 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	• For multiple unit restoration • For aligning tillted 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: 2.6 mm C: 0.5 mm	A: Ø4.7 mm B: 3.6 mm C: 1.5 mm	A: Ø4.7 mm B: 4.6 mm C: 2.5 mm
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)		

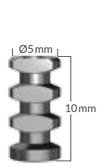
	Screws for HBC abutments			Burnout Sleeve
				
Code	LS O.5	LS 1.5	LS 2.5	PST-AR
Ref. No.	6050	6051	6052	6070
Use With	HBC 0.5	HBC 1.5	HBC 2.5	
Instructions	**LS screws are sold separately from HBC abutments.** Use HTD 1.25 mm for insertion and close the abutment screw with 30 Ncm (see page 31)			

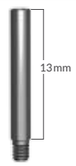
New TCT-N Tapered Connection Abutment System
Restoration For Up To 30° *



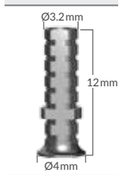
	TCT-N Abutment System					
Dimensions	A: Ø4.7 mm B: 0.5 mm C: 1.7 mm	A: Ø4.7 mm B: 1.5 mm C: 2.7 mm	A: Ø4.7 mm B: 2.5 mm C: 3.7 mm	A: Ø4.7 mm B: 3.5 mm C: 4.7 mm	A: Ø4.7 mm B: 4.5 mm C: 5.7 mm	A: Ø4.7 mm B: 5.5 mm C: 6.7 mm
Code	TCT0.5-N	TCT1.5-N	TCT2.5-N	TCT3.5-N	TCT4.5-N	TCT5.5-N
Ref. No.	5221	5222	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



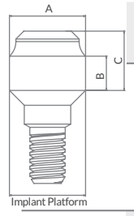


	Analogs		Temporary Abutment	Screw Fixation		Burnout Sleeve	
Material	Stainless Steel	Stainless Steel	Stainless Steel	Titanium	Titanium with coating	Plastic	Plastic
Code	BTT-N	AUC-BTT-N	TTA-N	SF-N	SFT-N	PST-N-AR	PST-N Non-Engaging
Ref. No.	5211	5212	5216	6092	6093	5217	5218
Instructions			Recommended closing torque: 10 Ncm.	Use HTD 1.25 mm for insertion. Recommended closing torque for the final restoration on straight abutments: 25 Ncm.			



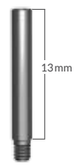
* Between implants. For more information see page 4 in Screw-Reatined Restoration Line brochure

New TSA-N Screw Abutment System
Restoration For Up To 45° *

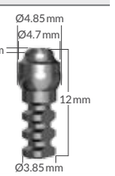


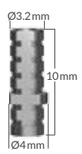
	TSA-N Abutment Systems				
Dimensions	A: Ø3.85 mm B: 0.43 mm C: 1.7 mm	A: Ø3.85 mm B: 1.23 mm C: 2.5 mm	A: Ø3.85 mm B: 1.73 mm C: 3.5 mm	A: Ø3.85 mm B: 2.73 mm C: 4 mm	A: Ø3.85 mm B: 3.73 mm C: 5 mm
Code	TSA1.5-N	TSA2.5-N	TSA3.0-N	TSA4.0-N	TSA5.0-N
Ref. No.	5224	5225	5226	5227	5228
Instructions	Use 1.5 mm Hex Driver for insertion (see page 31). Recommended closing torque: 30 Ncm.				

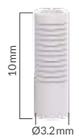
	Healing Abutments		Open Tray Transfer		Closed Tray Transfer
Height	2.5 mm	5 mm	10 mm	13 mm	8.5 mm
Code	HCT3-N	HCT5-N	TOS-N	SFL-N	TS-N
Ref. No.	5239	5240	5233	6012	5235
Instructions	Recommended closing torque: 10 Ncm.		Close manually		Close manually



	Analogs		Temporary Abutment	Screw Fixation		Burnout Sleeve
Material	Stainless Steel	Stainless Steel	Stainless Steel	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: 10 Ncm.	Use HTD 1.25 mm for insertion. Recommended closing torque for final restoration on straight abutments: 25 Ncm.		





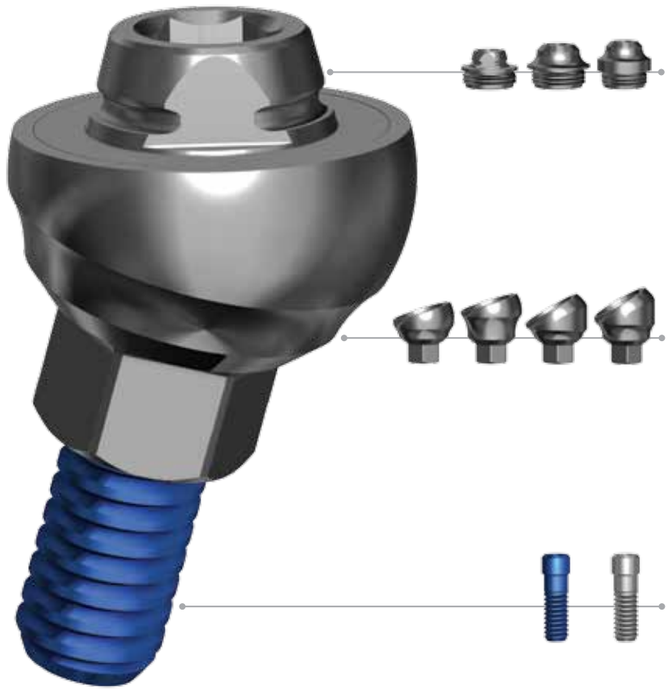


* Between implants. For more information see page 4 in Screw-Reatined Restoration Line brochure

ALPHA UNIVERSE MULTI UNIT ABUTMENTS

The Alpha Universe abutment system is intended for use in cases where 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.



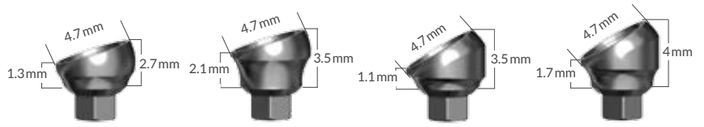
TCT-N and TSA-N **Pro UniCovers** for flexibility of restorative options.

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 45), UniCover Balls (see page 77) and AlphaLoc UniCover (see page 72).

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 31)			
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 31)	

TSA-N/TCT-N Workflow

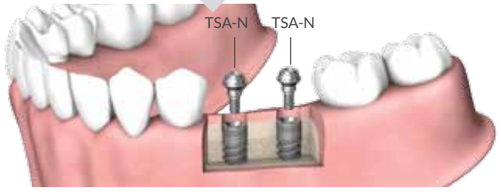
Scan to see the screw-retained line movie:

1 After Implantation

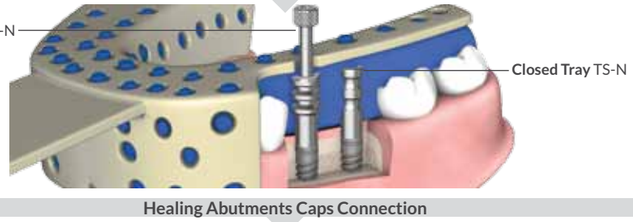
2 Implants Exposure

3 Healing Abutments

4 Abutments Connection



5 Open/closed Tray Impression*



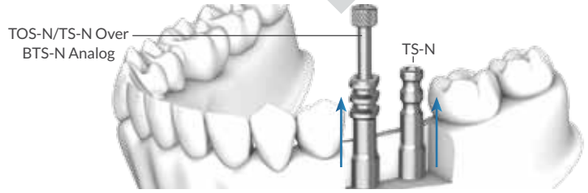
6 Healing Abutments Caps Connection

* Impression can be taken from abutment or implant level.

Use 1.25 mm Driver Use 1.5 mm Driver

Note: Although the represented workflow describes the process with TSA parts, the logic of workflow is the same for the TCT parts.

7 Cast Model Creation



8 Metal Frame Creation

9 Metal Casting

10 Check fit of Metal Framework

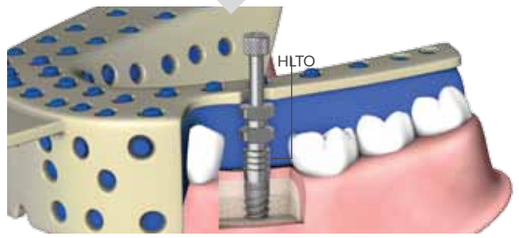
11 Final Restoration Placement

TORQUE CHART	
Straight Abutment on Implant	30 Ncm
Titanium Temporary parts on Straight Abutment	15 Ncm
Plastic Sleeves on Straight Abutment	manually only (without Tool)
Transfers on Straight Abutment	manually only (without Tool)
Healing Abutment on Straight Abutment	10 Ncm
Final restoration on Straight Abutment	25 Ncm

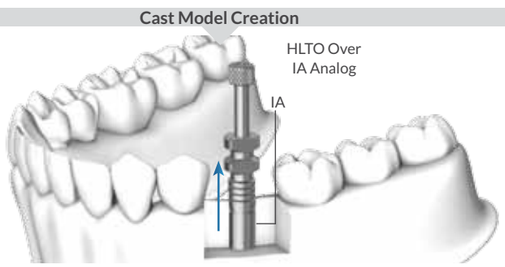
HBC Workflow

1 Healing Abutment

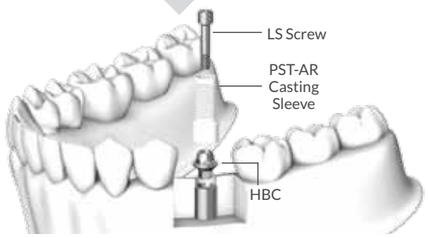
2 Open / closed tray impression from implant level



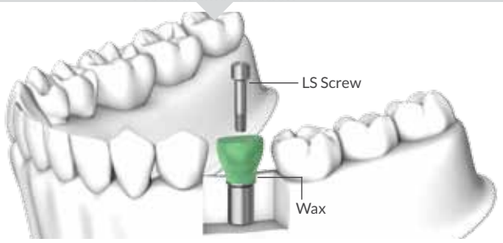
3 Cast Model Creation



4 Picking HBC height

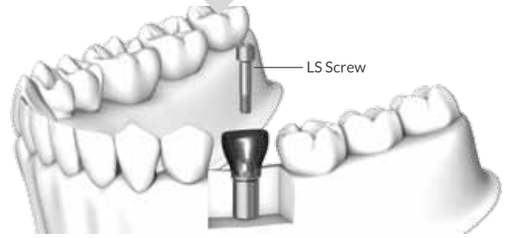


5 Metal frame creation



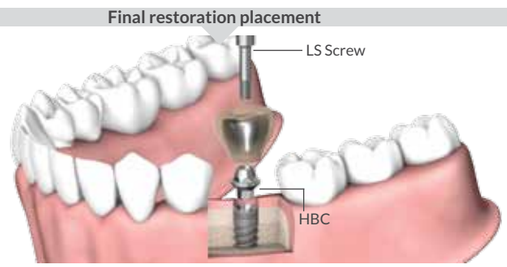
Use 1.25 mm Driver

6 Metal casting



7 Final restoration

8 Final restoration placement

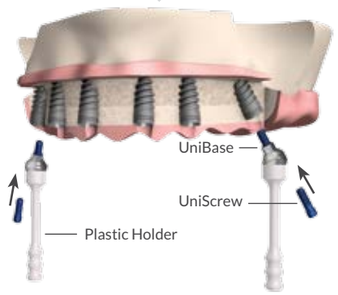


9 The HBC is screwed into the implant simultaneously with the crown

TORQUE CHART	
Abutment on Implant HBC (final restoration)	30 Ncm
Transfers on implant	manually only (without Tool)
Healing Abutment on implant	10 Ncm
Titanium Temporary parts on implant	30 Ncm
Plastic Sleeves on HBC to implant	manually only (without Tool)

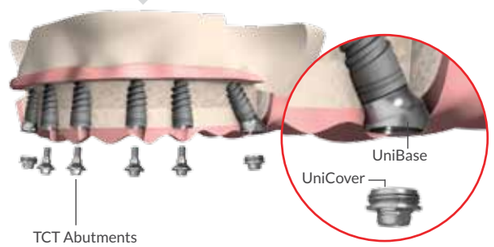
Alpha Universe Multi Unit Workflow

1 Unibase Insertion with Flexible Plastic Handle

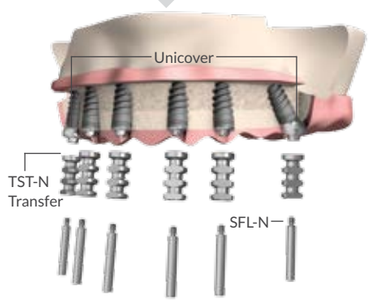


Note: The UniBase is supplied with the screw located inside. The image here it is only for the demonstration purposes.

2 Abutments Connection

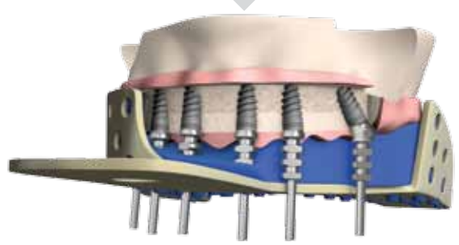


3 Abutment Level Transfer Connection



Note: The image shows an open tray impression technique. The close tray impression technique can be used as well (with TSN-N).

4 Open Tray* Impression

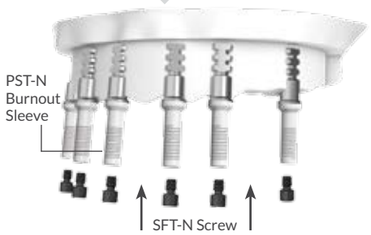


* The Work Protocol can be done with Close Tray Impression as well.

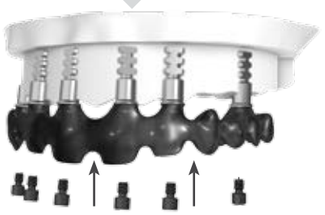
Use 1.25 mm Driver Use 1.5 mm Driver

5 Model Casting Transfer

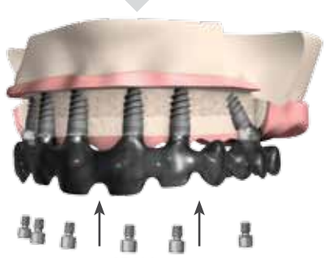
6 Casting Process



7 Metal Casting

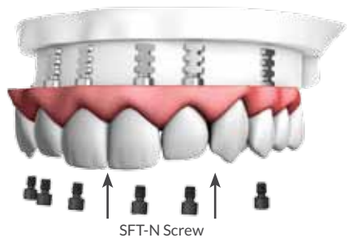


8 Check Fit of Metal Framework

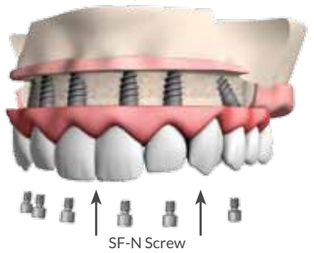


Alpha Universe Multi Unit Workflow

9 Ceramic



10 Denture Placement



TORQUE CHART	
Unibase on Implant	30 Ncm
Unicover on Unibase	30 Ncm
Titanium Temporary parts on UniCover	15 Ncm
Plastic Sleeve on Unicover	manually only (without Tool)
Transfer on Unicover	manually only (without Tool)
Healing Abutment on Unicover	10 Ncm
Final restoration on straight Abutment	25 Ncm

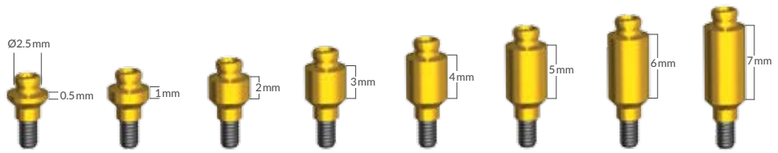
Use 1.25 mm Driver Use 1.5 mm Driver

Overdenture Restoration

AlphaLoc Overdenture
Attachments for Implants

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
Ref. No.	4880

UniBase 30x25 with Alphaloc UniCover 

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

AlphaLoc Overdenture Attachments for Implants
Workflow

Clinical and laboratory step by step instructions

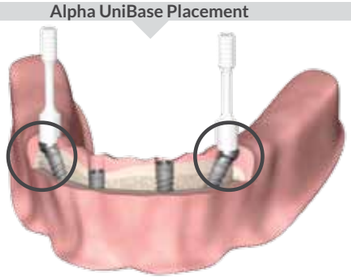
1 After Implantation

2 Implants Exposure

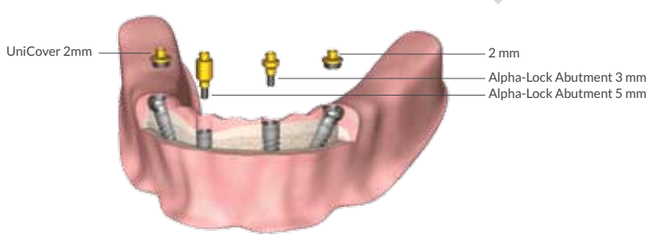
3 Healing Abutments

Various healing abutments are used to overcome different soft tissue depth heights. 4.6 diameter is recommended.

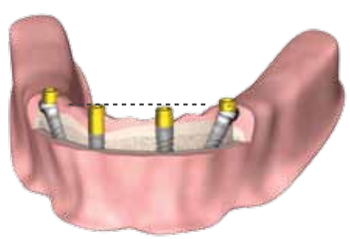
4 Alpha UniBase Placement



5 Attachments Conection

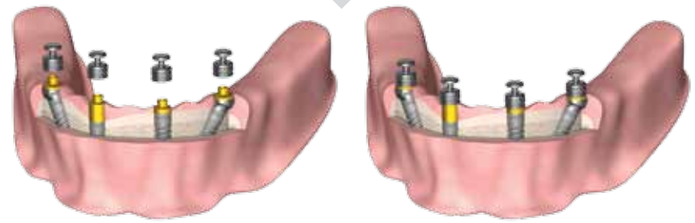


For attachments height alignment, place the AlphaLoc attachments on top of the implant and the Alpha UniBase

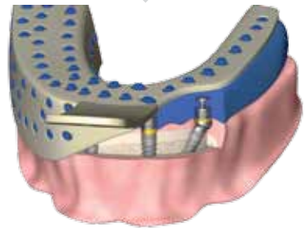


AlphaLoc abutments of various heights and connections can be used to align the heights

6 Impression Making Using AlphaLoc Impression Coping



7 Place the Impression Coping on the AlphaLoc and Unibase Attachments

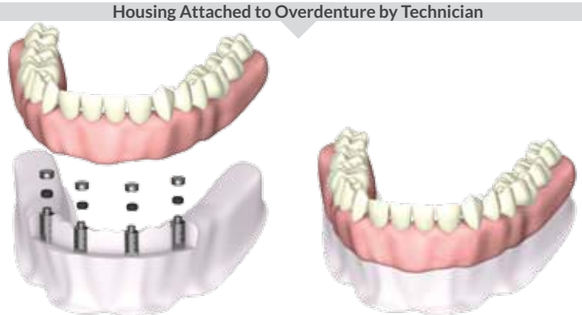


The impression coping will be picked up in the impression

8 Insert the Analog into Impression Coping and Pour the Master Model

9 Fabrication of the Master Model. Master Model with Analogs in Position

10 Housing Attached to Overdenture by Technician



AlphaLoc Overdenture Attachments for Implants
Workflow

11 **Denture Preparation**

11a.

Option 1

The preparations for the metal housing attachments are done by a dental technician

Option 2

Chair-side preparations for the metal housing attachments are done by a dentist

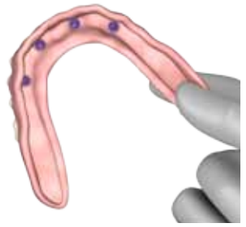
Prepare the denture

11b.

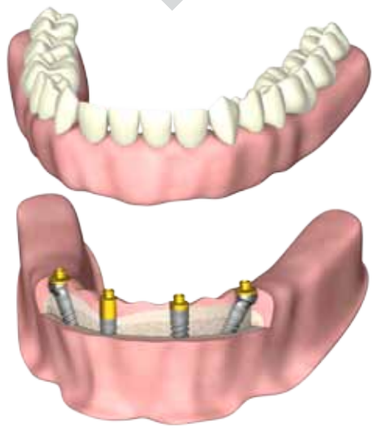
The recommended height between the shoulder of the attachment and the healthy soft tissue is 1 mm.
An adequate clearance and passiveness of the metal housing attachments inside the preparations should be checked.

11C.

Use block out spacer for overcoming potential undercuts between AlphaLoc abutments.
Carefully attach the metal housing and the denture using a self-curing resin.



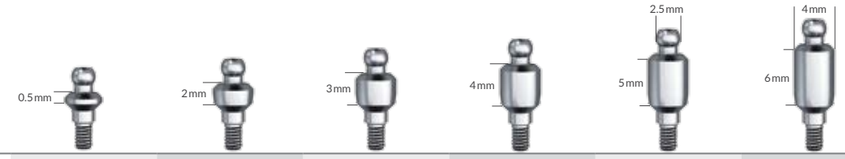
12 **Denture Delivery**



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)

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

UniCover Ball Retained

Code	UniCover Ball 1 mm	UniCover Ball 2 mm
Ref. No.	5305	5306

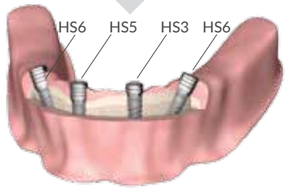
* **Note:** The image shows UniBase 30X25 mm with UniCover Ball 2 mm.

Titanium Ball Attachments
Workflow

1 After Implantation

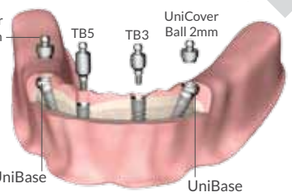
2 Implants Exposure

3 Healing Abutments



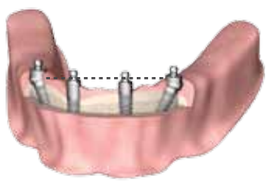
Various healing abutments are used to overcome different soft tissue depth heights

4 Ball System Insertion



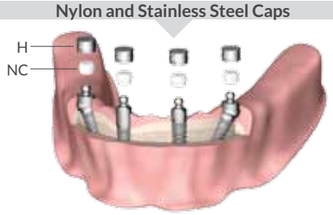
TB3 and TB5 are used to overcome different soft tissue width

AlphaUniverse parts are used to overcome agulations between implants

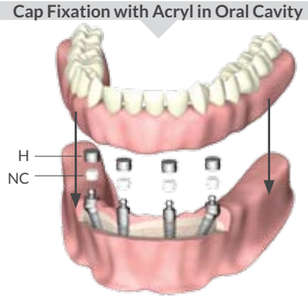


Ball attachments of various heights and connections are used to equalize the heights

5 Nylon and Stainless Steel Caps



6 Cap Fixation with Acryl in Oral Cavity



NICE

Narrow Implant Solution

with internal conical hex connection

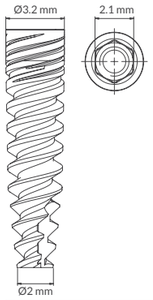
NICE System: An Extended Solution for Narrow Ridges

NICE is an advanced new NARROW implant solution for narrow alveolar ridges and limited spaces by adjacent teeth and roots. With a narrow and tapered body, an apical part that has sharp deep threads and variable thread design as well as the optimal Internal Conical Hex Connection, NICE is the ultimate system to expand your clinical treatment options. Together with a high quality design of prosthetics parts the NICE implant ensures long term esthetic result.

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

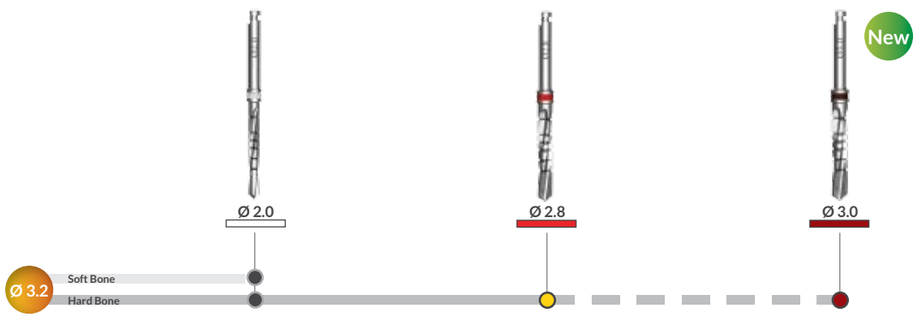
Scan to view NICE movie:



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

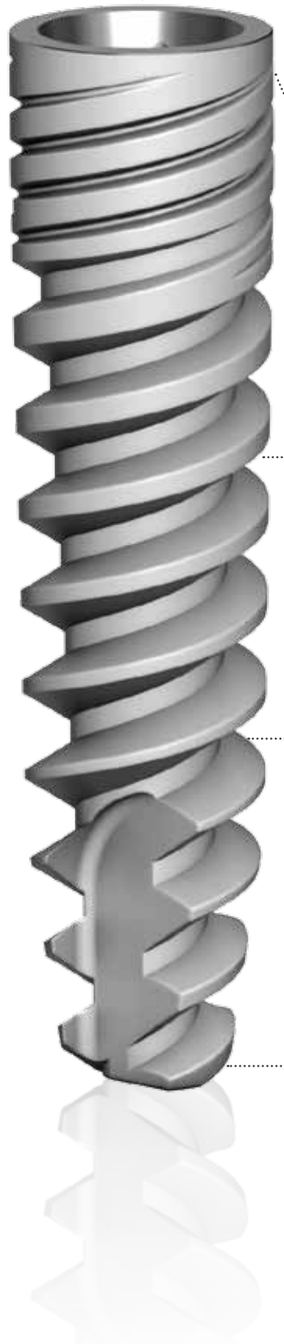
Important:

- The length of the drill is measured from the tip to the middle of the depth marking.
- Professional considerations may be required for adaptations of the drill protocol in specific cases.
- In cases of extremely narrow ridges, additional surgical procedures may be required.
- For the special clinical indications, please, see additional recommendations please refer to NICE brochure, page 15.



Code	DRX2.0	DRX2.8	DRX3.0
Ref. No.	4204	4284	4306

- Throughout entire implant length
- 3 mm shorter than implant length
- In cases of extremely hard bone, it is recommended to drill with ø 3.0 mm drill only through the cortical layer.



INTERNAL CONICAL HEX CONNECTION

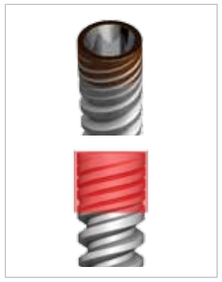
Design Features:
- Hex 2.1 mm
- Significant platform switching
- Perfect implant abutment fit
- Excellent mechanical stability

Advantages:
- Low bacteria leakage along implant abutment interface
- Perfect balance between implant abutment conical fit and mechanical strength of implant head
- Less crestal bone resorption

CORONAL PART

Design Features:
- Micro threads
- Split coronal macro thread

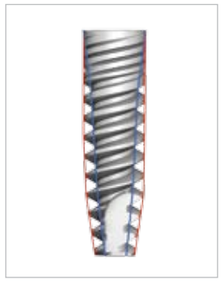
Advantages:
- High bone volume around the neck
- Greater surface area
- Excellent stress distribution
- Excellent BIC (bone to implant contact) in coronal part
- Less crestal resorption
- Long term esthetic results



IMPLANT BODY

Design Features:
- Tapered design externally and internaly
- Bone condensing implant body

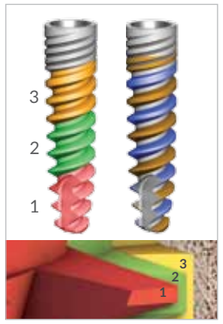
Advantages:
- Gentle bone penetration
- High primary stability
- High bone condensation properties
- Enable immediate implantation and immediate loading



IMPLANT THREADS

Design Features:
- Double thread design 2.2 mm
- Variable thread design
- Trapeze thread profile

Advantages:
- Excellent bone grip
- High primary stability
- Fast and controlled bone penetration
- Easy and smooth insertion
- Self-drilling capability



APICAL PART

Design Features:
- Extremely narrow apical part 2.0mm
- Efficient cutting taper
- Straight apical border
- Sharp and deep apical threads

Advantages:
- Excellent penetration
- Excellent self-drilling
- High primary stability in immediate implantation
- Ability to penetrate narrow diameter drilling

*Note: The illustration shows 13 mm NICE implant.

Multi-Function Implant Package

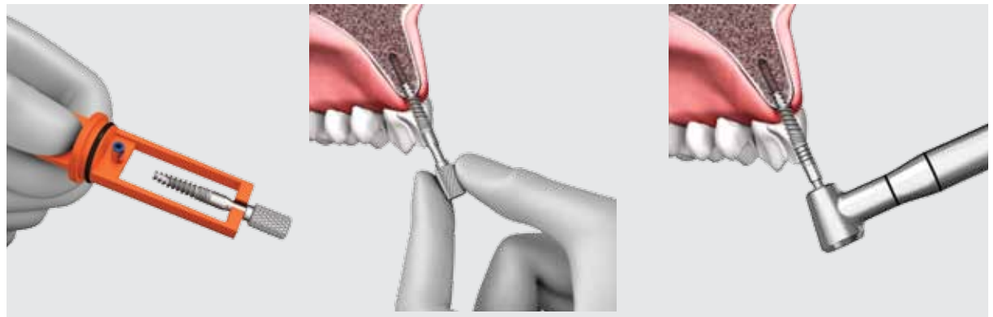
NICE's holder is orange colored to simplify the identification of the implant

Cover screw (unique to the NICE implant)

Vial seal, transparent for increased visibility

Narrow implant holder

Label with implant name, diameter and length



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.

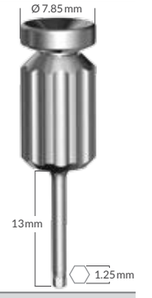
Note:
Insert the implant up to its resistance point. If necessary, before the holder release, rotate the holder slightly, anticlockwise, to release its grip of the implant.

COVER SCREW

CST-CHC
Ref. No. 7300

Insertion Tools

- Compatible with Internal Hex Implant Systems as well

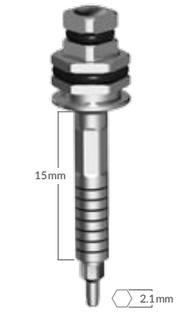
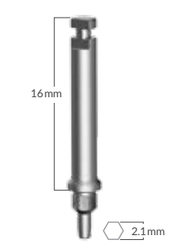
	Contra Angle Motor Mount	Hex Driver Short*	Hex Driver*	Hex Driver Long*	Manual Screw Driver Short	Manual Screw Driver
						
Code	HT 1.25M	HTD 1.25 S	HTD 1.25	HTD 1.25L	HHSS 1.25	HHS 1.25
Ref. No.	4165	4056	4055	4061	4053	4052
Instructions	To be used with a contra angle motor	Fits hexagonal 6.35 mm or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

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

Implant Insertion Tools

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

- Compatible with NICE implants only, can not be used with Hex Implant Systems
- 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
					
Code	ITD2.1S-CHC	ITD2.1-CHC	ITD2.1L-CHC	IT2.1S M-CHC	IT2.1L M-CHC
Ref. No.	7302	7305	7301	7304	7303
Instructions	Fits hexagonal 6.35 mm or square 4 mm ratchet			To be used with a contra angle motor	

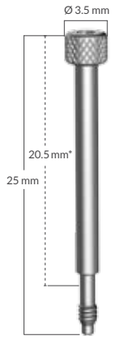
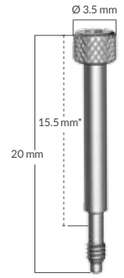
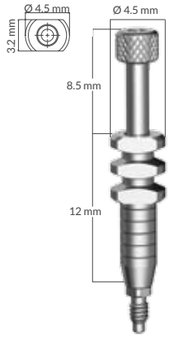
* **Note:** The top of the hex drivers is concave to distinguish it from other drivers.

Important: For the information regarding the surgical drills, please, refer to page 26.

Implant Impression Transfers

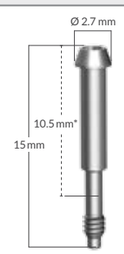
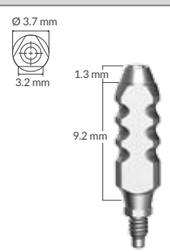
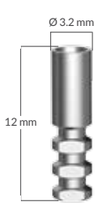
Open Tray Transfer

- 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

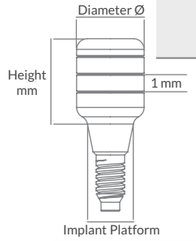
Closed Tray Transfer

- 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

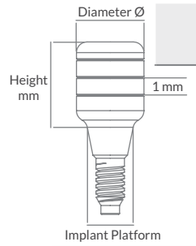
	Screw for Closed Tray Transfer	Closed Tray Transfer	Implant Analog
			
Code	SHLT-CHC	HLTS-CHC	IA-CHC
Ref. No.	7334	7333	7338

* Note: Implant level.

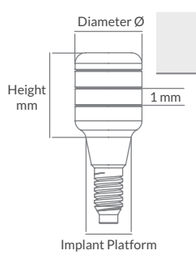
Healing Abutments



	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

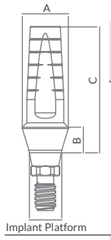


	Ø 3.8 mm			
Dimensions	D: Ø 3.8 mm H: 2 mm	D: Ø 3.8 mm H: 3 mm	D: Ø 3.8 mm H: 5 mm	D: Ø 3.8 mm H: 7 mm
Code	HSD3.8-2-CHC	HSD3.8-3-CHC	HSD3.8-5-CHC	HSD3.8-7-CHC
Ref. No.	7315	7316	7317	7318

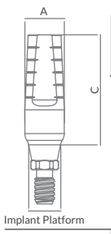


	Ø 4.2 mm			
Dimensions	D: Ø 4.2 mm H: 2 mm	D: Ø 4.2 mm H: 3 mm	D: Ø 4.2 mm H: 5 mm	D: Ø 4.2 mm H: 7 mm
Code	HSD4.2-2-CHC	HSD4.2-3-CHC	HSD4.2-5-CHC	HSD4.2-7-CHC
Ref. No.	7319	7320	7321	7322

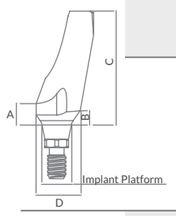
Esthetic Abutments



	Stainless Steel Housing	Nylon Cap	Nylon Cap with Titanium Ring	Soft Nylon Cap
				
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.			

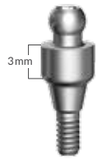
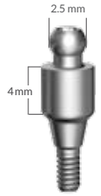
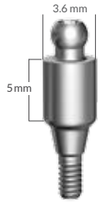


	Esthetic Standard Slim Abutment	Esthetic Standard Abutment	Standard Abutment
			
Dimensions	A: Ø 3.2 mm C: 9 mm	A: Ø 3.6 mm C: 9 mm	A: Ø 4 mm C: 9.2 mm
Code	ETLAS3.2-CHC	ETLAS3.6-CHC	TLAS4.O-CHC
Ref. No.	7356	7357	7358
Instructions	Recommended closing torque: 20 Ncm. Do not exceed 20 Ncm.		Can be used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



	Esthetic Angled Titanium Abutments		
	 15°	 15°	 25°
Dimensions	A: 1.1 mm B: 1.5 mm C: 8.2 mm D: Ø 3.9 mm	A: 1.1 mm B: 1.5 mm C: 10.2 mm D: Ø 3.9 mm	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.		

Titanium Ball Abutments

	Titanium Ball Abutments				
	 1 mm	 2 mm	 3 mm	 2.5 mm 4 mm	 3.6 mm 5 mm
Code	TB1-CHC	TB2-CHC	TB3-CHC	TB4-CHC	TB5-CHC
Ref. No.	7403	7404	7405	7406	7407
Instructions	Recommended closing torque: 20 Ncm. Do not exceed 20 Ncm.				

Nylon Caps

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

Screws

	Abutment Screw	Retrieval Screw
		
Code	STLA-CHC	RS-CHC
Ref. No.	7345	7400

Arrow Implant Systems

Arrow Implant Systems

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 theses implants is that they can be placed at bone level or below (transgingival implants).

ARRP

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.

ARRC

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.

ARR

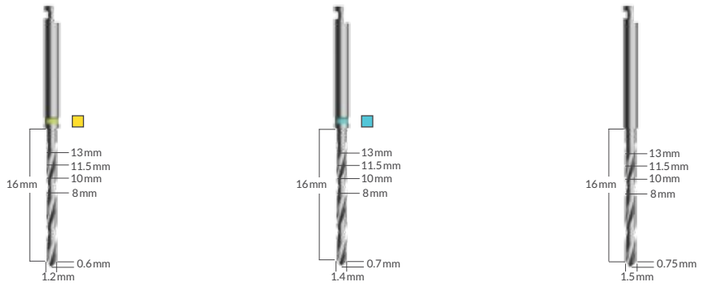
ARB

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.

Surgical Instrumentation

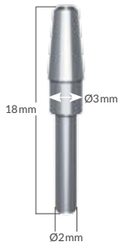
Narrow Drills (Stainless Steel)



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)

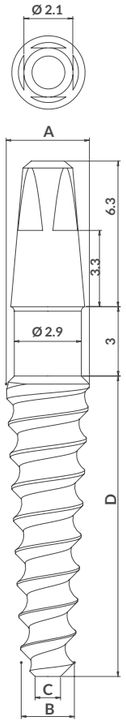
	Arrow Driver 2.1mm	Arrow Driver 2.1mm Short	Arrow Adaptor for ITD 2.5
			
Code	AHTD*	AHTDS*	AHTITD**
Ref. No.	2412	2413	4154
Instructions	* Fit hexagonal 6.35mm or square 4 mm ratchet or surgical screwdriver. ** To be used as an adaptor for placement of Arrow Press implants using Internal Hex implants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

Arrow Press Changeable Implant Drivers (Stainless Steel)

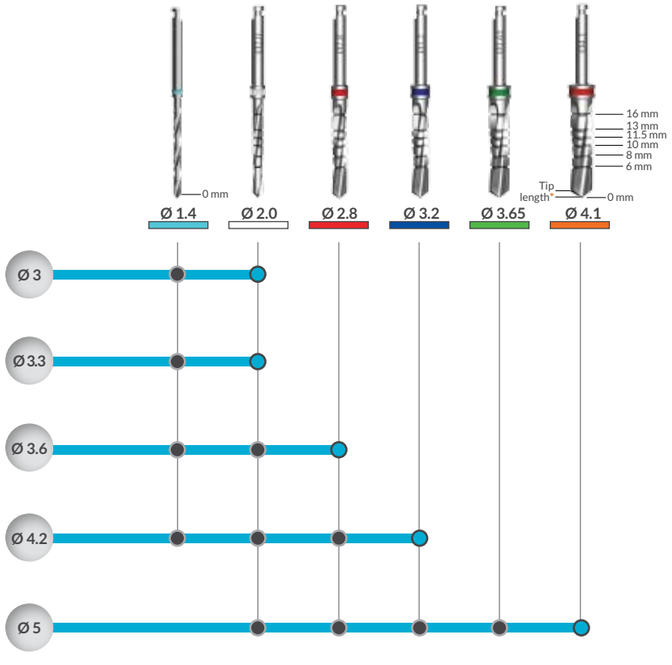
	Arrow Driver 2.7 mm	ARRC Driver 2.7 mm	ARRC Adaptor for ITD 2.5
			
Code	AHTBL*	AHTB*	AHTCA**
Ref. No.	4531	2415	4156
Instructions	* Fit hexagonal 6.35mm or square 4 mm ratchet or surgical screwdriver. ** To be used as an adaptor for placement of ARRC implants using Internal Hex implants insertion tools.		

ARRP Arrow Press Implant

Diameter	Length	Ref. No.	Dimensions			
			A	B	C	D
Ø 3	10 mm	2420	Ø 3	Ø 2	Ø 0.95	10
	11.5 mm	2421	Ø 3	Ø 1.85	Ø 0.85	11.5
	13 mm	2423	Ø 3	Ø 1.7	Ø 0.75	13
	15 mm	2425	Ø 3	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
Ø 4.2	10 mm	2450	Ø 4.2	Ø 3.2	Ø 2.2	10
	11.5 mm	2451	Ø 4.2	Ø 3.05	Ø 2.05	11.5
	13 mm	2453	Ø 4.2	Ø 2.9	Ø 1.9	13
	15 mm	2455	Ø 4.2	Ø 2.7	Ø 1.7	15
Ø 5	10 mm	2470	Ø 5	Ø 4	Ø 2.4	10
	11.5 mm	2471	Ø 5	Ø 3.85	Ø 2.25	11.5
	13 mm	2473	Ø 5	Ø 3.7	Ø 2.1	13
	15 mm	2475	Ø 5	Ø 3.5	Ø 1.9	15



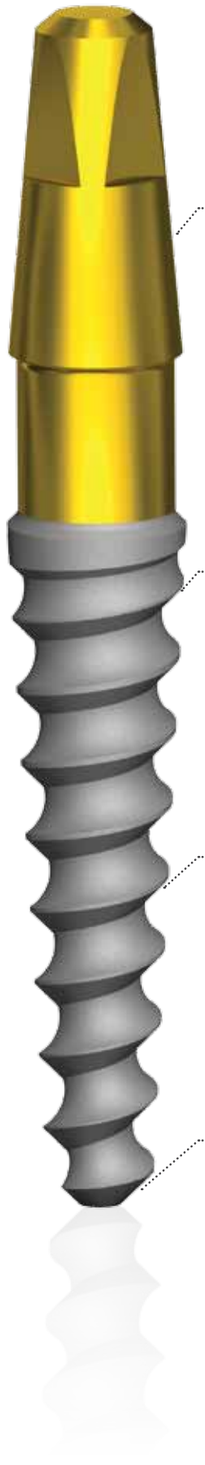
Important:
- In cases of extremely hard bone it is recommended to make adjustments to the drilling protocol.
- The drill tip length should be considered when preparing the osteotomy.
- See page 26 for important notes regarding the laser marked drills.
- While below protocol is recommended for most clinical cases, additional professional consideration may be required in specific cases.



* For the drills Ø 2.0, Ø 2.8, Ø 3.2, Ø 3.65, Ø 4.1 the apical height is included in the drill depth calculation

Important!
For the drill Ø 1.4 the apical height is not included in the drill depth calculation (see page 92 for more information).

Throughout entire implant's length
In case of a hard bone



INTEGRATED ABUTMENT

Design Features:
- Trans-gingival gold colored Titanium Anodization

Advantages:
- Biocompatible for soft and hard tissues
- Excellent gingival tolerance

TRANS-GINGIVAL NECK

Design Features:
- Can be placed at bone level or below

Advantages:
- Minimal crestal resorption
- Stable cresatl bone level
- Allows warm gingival transparency due to the gilded coloured trans- gingival neck. Especially important in thin soft tissues.
- The long neck allows the surgeon to adjust the implant's final location as desired.

IMPLANT BODY AND CORE

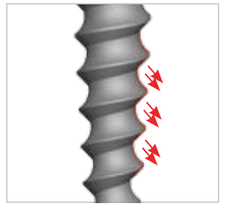
Design Features:
- Tapered body
- Tapered core

Advantages:
- Primary stability
- Easy insertion
- Bone condensing

IMPLANT THREADS

Design Features:
- Single thread design
- Bone condensing threads

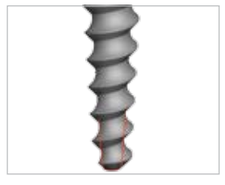
Advantages:
- Easy insertion
- Bone condensing property
- Self tapping



APICAL PART

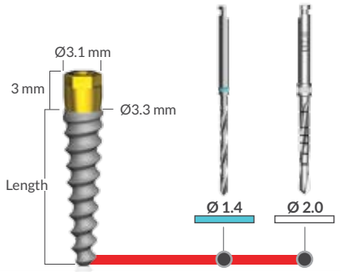
Design Features:
- Narrow rounded apex

Advantages:
- Easy insertion
- Enables the implant to penetrate small diameter prepared sites



Important: An appropriate height of the abutment should be left in order to secure enough surface for the cemented prosthesis.

ARRC Arrow Press Changeable Implant



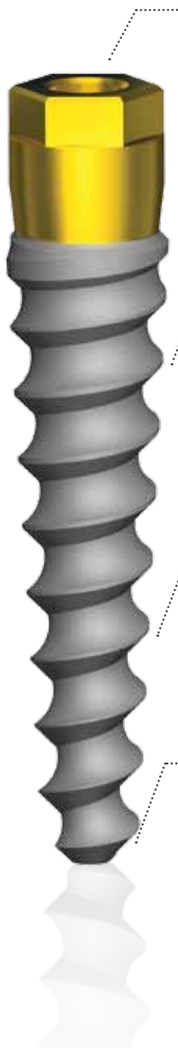
Important!
For the drill Ø 1.4 the apical height is not included in the drill depth calculation. For the drill Ø 2.0 the apical height is included in the drill depth calculation.

Throughout entire implant's length

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



CORONAL PART

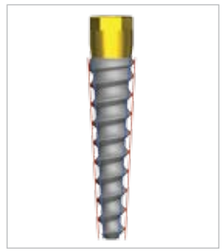
Design Features:
- Trans-gingival gold colored titanium oxide coating
- External hex connection

Advantages:
- Biocompatible
- Excellent gingival tolerance
- Eliminates grey shading of gingival tissue
- Rehabilitation flexibility
- The implant should be inserted up to 1.5 mm below the external hex

IMPLANT BODY AND CORE

Design Features:
- Tapered body
- Tapered core

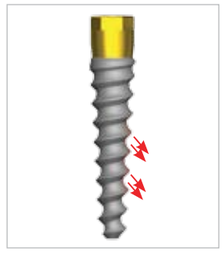
Advantages:
- Primary stability
- Easy insertion
- Bone condensing



IMPLANT THREADS

Design Features:
- Single thread design
- Bone condensing threads

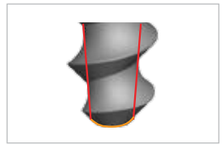
Advantages:
- Easy insertion
- Bone condensing property
- Self tapping



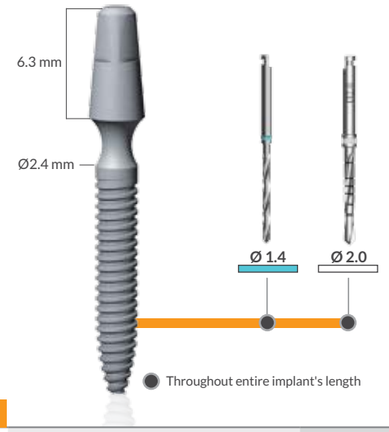
APICAL PART

Design Features:
- Narrow rounded apex

Advantages:
- Easy insertion
- Enables the implant to penetrate small diameter prepared sites



ARR Provisional Arrow Implant



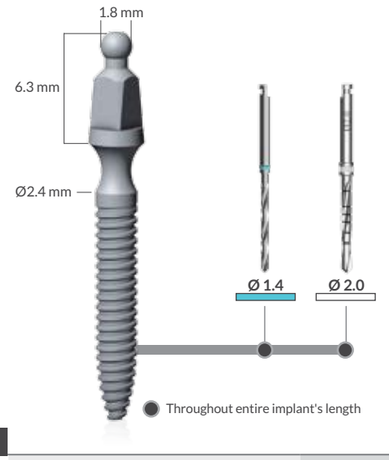
- One piece implant with an integrated abutment
- Indicated to support provisional prosthesis during the healing phase, following conventional endosseous implant surgery or for long term use
- Designed for single stage surgical procedures and cement restorations
- Can be placed between permanent implants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

Important!
For the drill Ø 1.4 the apical height is not included in the drill depth calculation. For the drill Ø 2.0 the apical height is included in the drill depth calculation.

2.4 mmd

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

ARB Provisional Arrow Ball Implant



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

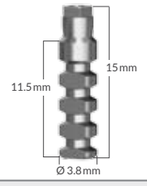
Important!
For the drill Ø 1.4 the apical height is not included in the drill depth calculation. For the drill Ø 2.0 the apical height is included in the drill depth calculation.

2.4 mmd

Length	10 mm	13 mm	15 mm
Ref. No.	2401	2404	2408

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.

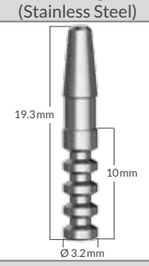
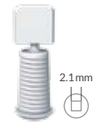
ARRC Impression (Stainless Steel)		
	Implant Analog for ARRC	**Closed Tray Transfer for ARRC**
		
Code	IAC*	HLTC
Ref. No.	138-001	132-001

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

Prosthetic Elements for ARRC Implants - Overdenture Fixation									
	Ball Attachment Screw (Titanium)					**Nylon Cap for 2.5 mmd (normal)**			
						Stainless Steel Housing	Nylon Cap	Nylon Cap with Titanium	Soft Nylon Cap
									
Code	SBC	SBC1	SBC2	SBC3	SBC4	H	NC	NCT	NCA
Ref. No.	2507	2508	2509	2573	2574	6240	6250	6251	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*	ATC**	APC***	APC-AR***	TLARP
Ref. No.	2416	2405	2417	2418	2466
Instructions	** For cementation *** Use as impression and for casting				

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

BioMaterials

Compliments Your Work

With 25 years of experience in implantology, Alph-Bio Tec 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 epitel 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)	
Volume	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)	
Volume	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.


Prior to Rehydration

Granules Size	Small (0.2-0.85mm)		Large (0.5-1mm)	
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.


Rehydrated with sterile saline

Granules Size	Small (0.2-0.85mm)
Volume	0.5cc
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

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

Resorbable Membranes

Alpha-Bio's GRAFT Collagen Membrane

Alpha-Bio's GRAFT Collagen Membrane provides an effective barrier function for epitel 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 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 Table[1]

● 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 Palatinal 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	20
110	HS5	Healing Abutment L5.0mm	20
111	CST	Cover Screw	20
112	HSS3	Slim Healing Abutment L3.0mm	20
113	HSS5	Slim Healing Abutment L5.0mm	20
114	HSS4	Slim Healing Abutment L4.0mm	20
116	HS2	Healing Abutment L2.0mm	20
117	HS4	Healing Abutment L4.0mm	20
118	HS6	Healing Abutment L6.0mm	20
119	HS7	Healing Abutment L7.0mm	20
120	HSD5-3	Wide D5.0mm Healing Abutment L3.0mm	21
121	HSD5-5	Wide D5.0mm Healing Abutment L5.0mm	21
122	HSD6-3	Wide D6.0mm Healing Abutment L3.0mm	21
123	HSD6-5	Wide D6.0mm Healing Abutment L5.0mm	21
124	HS5-3	Healing Abutment D5.0 H3.0mm	21
125	HS5-5	Healing Abutment D5.0 H5.0mm	21
126	HS5.5-3	Healing Abutment D5.5 L3.0mm	21
127	HS5.5-5	Healing Abutment D5.5 H5.0mm	21
128	HS6-3	Healing Abutment D6.0 H3.0mm	21
129	HS6-5	Healing Abutment D6.0 H5.0mm	21
130	HS7-3	Healing Abutment D7.0 H3.0mm	21
131	HS7-5	Healing Abutment D7.0 H5.0mm	21
132	HS8-3	Healing Abutment D8.0 H3.0mm	21
133	HS8-5	Healing Abutment D8.0 H5.0mm	21
1000	ICE	Implant Classical Esthetic Narrow D3.7mm L10mm	14
1001	ICE	Implant Classical Esthetic Narrow D3.7mm L11.5mm	14
1003	ICE	Implant Classical Esthetic Narrow D3.7mm L13mm	14
1010	ICE	Implant Classical Esthetic D3.75mm L10mm	14
1011	ICE	Implant Classical Esthetic D3.75mm L11.5mm	14
1013	ICE	Implant Classical Esthetic D3.75mm L13mm	14
1016	ICE	Implant Classical Esthetic D3.75mm L16mm	14
1018	ICE	Implant Classical Esthetic D3.75mm L8mm	14
1020	ICE	Implant Classical Esthetic D4.2mm L10mm	14
1021	ICE	Implant Classical Esthetic D4.2mm L11.5mm	14
1023	ICE	Implant Classical Esthetic D4.2mm L13mm	14
1026	ICE	Implant Classical Esthetic D4.2mm L16mm	14
1028	ICE	Implant Classical Esthetic D4.2mm L8mm	14
1030	ICE	Implant Classical Esthetic D4.65mm L10.0mm	14
1031	ICE	Implant Classical Esthetic D4.65mm L11.5mm	14
1033	ICE	Implant Classical Esthetic D4.65mm L13.0mm	14
1036	ICE	Implant Classical Esthetic D4.65mm L6.0mm	14
1038	ICE	Implant Classical Esthetic D4.65mm L8.0mm	14
1040	ICE	Implant Classical Esthetic D5.3mm L10mm	14
1041	ICE	Implant Classical Esthetic D5.3mm L11.5mm	14
1043	ICE	Implant Classical Esthetic D5.3mm L13mm	14

Reference Number	Code	Product Description	Page No.
1046	ICE	Implant Classical Esthetic D5.3mm L6mm	14
1048	ICE	Implant Classical Esthetic D5.3mm L8mm	14
1056	ICE	Implant Classical Esthetic D4.2mm L6mm	14
1060	NICE	NICE D3.2mm L10mm	80
1061	NICE	NICE D3.2mm L11.5mm	80
1063	NICE	NICE D3.2mm L13mm	80
1066	NICE	NICE D3.2mm L16mm	80
1068	NICE	NICE D3.2mm L8mm	80
1260	DFI	Dual Fit Implant D3.75mm L10.0mm	16
1261	DFI	Dual Fit Implant D3.75mm L11.5mm	16
1263	DFI	Dual Fit Implant D3.75mm L13.0mm	16
1266	DFI	Dual Fit Implant D3.75mm L16.0mm	16
1268	DFI	Dual Fit Implant D3.75mm L8.0mm	16
1270	DFI	Dual Fit Implant D4.2mm L10.0mm	16
1271	DFI	Dual Fit Implant D4.2mm L11.5mm	16
1273	DFI	Dual Fit Implant D4.2mm L13.0mm	16
1276	DFI	Dual Fit Implant D4.2mm L16.0mm	16
1278	DFI	Dual Fit Implant D4.2mm L8.0mm	16
1280	DFI	Dual Fit Implant D3.3mm L10.0mm	16
1281	DFI	Dual Fit Implant D3.3mm L11.5mm	16
1283	DFI	Dual Fit Implant D3.3mm L13.0mm	16
1286	DFI	Dual Fit Implant D3.3mm L16.0mm	16
1288	DFI	Dual Fit Implant D3.3mm L8.0mm	16
1290	DFI	Dual Fit Implant D5.0mm L10.0mm	16
1291	DFI	Dual Fit Implant D5.0mm L11.5mm	16
1293	DFI	Dual Fit Implant D5.0mm L13.0mm	16
1296	DFI	Dual Fit Implant D5.0mm L16.0mm	16
1298	DFI	Dual Fit Implant D5.0mm L8.0mm	16
1300	SPI	Spiral Implant D3.3mm L10.0mm	12
1301	SPI	Spiral Implant D3.3mm L11.5mm	12
1303	SPI	Spiral Implant D3.3mm L13.0mm	12
1306	SPI	Spiral Implant D3.3mm L16.0mm	12
1308	SPI	Spiral Implant D3.3mm L8.0mm	12
1330	SPI	Spiral Implant D4.2mm L10.0mm	12
1331	SPI	Spiral Implant D4.2mm L11.5mm	12
1333	SPI	Spiral Implant D4.2mm L13.0mm	12
1336	SPI	Spiral Implant D4.2mm L16.0mm	12
1338	SPI	Spiral Implant D4.2mm L8.0mm	12
1340	SPI	Spiral Implant D5.0mm L10.0mm	12
1341	SPI	Spiral Implant D5.0mm L11.5mm	12
1343	SPI	Spiral Implant D5.0mm L13.0mm	12
1346	SPI	Spiral Implant D5.0mm L16.0mm	12
1348	SPI	Spiral Implant D5.0mm L8.0mm	12
1350	SPI	Spiral Implant D3.75mm L10.0mm	12
1351	SPI	Spiral Implant D3.75mm L11.5mm	12

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1353	SPI	Spiral Implant D3.75mm L13.0mm	12
1356	SPI	Spiral Implant D3.75mm L16.0mm	12
1358	SPI	Spiral Implant D3.75mm L8.0mm	12
1360	SPI	Spiral Implant D6.0mm L10.0mm	12
1361	SPI	Spiral Implant D6.0mm L11.5mm	12
1363	SPI	Spiral Implant D6.0mm L13.0mm	12
1368	SPI	Spiral Implant D6.0mm L8.0mm	12
1410	ATID	Alpha-Tec Dual Implant D3.3mm L10.0mm	18
1411	ATID	Alpha-Tec Dual Implant D3.3mm L11.5mm	18
1413	ATID	Alpha-Tec Dual Implant D3.3mm L13.0mm	18
1416	ATID	Alpha-Tec Dual Implant D3.3mm L16.0mm	18
1418	ATID	Alpha-Tec Dual Implant D3.3mm L8.0mm	18
1420	ATID	Alpha-Tec Dual Implant D3.75mm L10.0mm	18
1421	ATID	Alpha-Tec Dual Implant D3.75mm L11.5mm	18
1423	ATID	Alpha-Tec Dual Implant D3.75mm L13.0mm	18
1426	ATID	Alpha-Tec Dual Implant D3.75mm L16.0mm	18
1428	ATID	Alpha-Tec Dual Implant D3.75mm L8.0mm	18
1430	ATID	Alpha-Tec Dual Implant D4.2mm L10.0mm	18
1431	ATID	Alpha-Tec Dual Implant D4.2mm L11.5mm	18
1433	ATID	Alpha-Tec Dual Implant D4.2mm L13.0mm	18
1436	ATID	Alpha-Tec Dual Implant D4.2mm L16.0mm	18
1438	ATID	Alpha-Tec Dual Implant D4.2mm L8.0mm	18
1440	ATID	Alpha-Tec Dual Implant D5.0mm L10.0mm	18
1441	ATID	Alpha-Tec Dual Implant D5.0mm L11.5mm	18
1443	ATID	Alpha-Tec Dual Implant D5.0mm L13.0mm	18
1446	ATID	Alpha-Tec Dual Implant D5.0mm L6.0mm	18
1448	ATID	Alpha-Tec Dual Implant D5.0mm L8.0mm	18
1450	ATID	Alpha-Tec Dual Implant D6.0mm L10.0mm	18
1451	ATID	Alpha-Tec Dual Implant D6.0mm L11.5mm	18
1453	ATID	Alpha-Tec Dual Implant D6.0mm L13.0mm	18
1456	ATID	Alpha-Tec Dual Implant D6.0mm L6.0mm	18
1458	ATID	Alpha-Tec Dual Implant D6.0mm L8.0mm	18
2400	ARR	Arrow Implant D2.4mm L10.0mm	97
2401	ARB	Arrow Ball Implant D2.4mm L10.0mm	97
2402	ARR	Arrow Implant D2.4mm L15.0mm	97
2403	ARR	Arrow Implant D2.4mm L13.0mm	97
2404	ARB	Arrow Ball Implant D2.4mm L13.0mm	97
2405	ATC	Arrow Telescope Cap	99
2408	ARB	Arrow Ball Implant D2.4mm L15.0mm	97
2410	ANC	Nylon Cap Narrow D1.8mm	99
2411	AH	Narrow Metal Housing D1.8mm	99
2412	AHTD	Arrow External Square Driver	93
2413	AHTDS	Arrow Short External Square Driver	93
2415	AHTB	Arrow Changeable Driver Hex Head	93
2416	IAARR	Arrow Implant Analog	99

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2418	APC-AR	Arrow Plastic Cap Anti Rotation	99
2419	APG	Arrow Parallel Guide	92
2420	ARRP	Arrow Press Implant D3.0mm L10.0mm	94
2421	ARRP	Arrow Press Implant D3.0mm L11.5mm	94
2423	ARRP	Arrow Press Implant D3.0mm L13.0mm	94
2425	ARRP	Arrow Press Implant D3.0mm L15.0mm	94
2430	ARRP	Arrow PressImplant D3.3mm L10.0mm	94
2431	ARRP	Arrow Press Implant D3.3mm L11.5mm	94
2433	ARRP	Arrow Press Implant D3.3mm L13.0mm	94
2435	ARRP	Arrow Press Implant D3.3mm L15.0mm	94
2440	ARRP	Arrow Press Implant D3.6mm L10.0mm	94
2441	ARRP	Arrow Press Implant D3.6mm L11.5mm	94
2443	ARRP	Arrow Press Implant D3.6mm L13.0mm	94
2445	ARRP	Arrow Press Implant D3.6mm L15.0mm	94
2450	ARRP	Arrow Press Implant D4.2mm L10.0mm	94
2451	ARRP	Arrow Press Implant D4.2mm L11.5mm	94
2453	ARRP	Arrow Press Implant D4.2mm L13.0mm	94
2455	ARRP	Arrow Press Implant D4.2mm L15.0mm	94
2462	TLARB	Titanium Abutment for ARPB	99
2466	TLARP	Titanium Abutment for ARRP	99
2470	ARRP	Arrow Press Implant D5.0mm L10.0mm	84
2471	ARRP	Arrow Press Implant D5.0mm L11.5mm	84
2473	ARRP	Arrow Press Implant D5.0mm L13.0mm	84
2475	ARRP	Arrow Press Implant D5.0mm L15.0mm	84
2507	SBC	Screw Ball Attachment for ARRC L0.5mm	98
2508	SBC1	Screw Ball Attachment for ARRC L1.0mm	98
2509	SBC2	Screw Ball Attachment for ARRC L2.0mm	98
2520	ARRC	Arrow Changeable Implant D3.3mm L10.0mm	96
2521	ARRC	Arrow Changeable Implant D3.3mm L11.5mm	96
2523	ARRC	Arrow Changeable Implant D3.3mm L13.0mm	96
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3201	SRB-S0.5	Alpha-Bio's GRAFT Synthetic Resorbable Bone(0.5-1.0mm)0.5cc	102
3202	SRB-S1.0	Alpha-Bio's GRAFT Synthetic Resorbable Bone(0.5-1.0mm)1.0cc	102
3203	SRB-L0.5	Alpha-Bio's GRAFT Synthetic Resorbable Bone(0.8-1.5 mm)0.5cc	102
3204	SRB-L2.0	Alpha-Bio's GRAFT Synthetic Resorbable Bone(0.8-1.5 mm)2.0cc	102
3205	CF2x2	Alpha-Bio's GRAFT Collagen Fleece 2x2cm 12pcs	105
3206	NBB-S5.0	Alpha-Bio's GRAFT Natural Bovine Bone(0.5-1.0mm)5.0cc	102
3207	NBB-S2.0	Alpha-Bio's GRAFT Natural Bovine Bone(0.5-1.0mm)2.0cc	102
3212	CM30x40	Alpha-Bio's GRAFT Collagen Membrane 30x40mm	104
3225	NBB-S0.5	Alpha-Bio's GRAFT Natural Bovine Bone(0.5-1.0mm)0.5cc	102

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3236	NBB-S1.0	Alpha-Bio's GRAFT Natural Bovine Bone(0.5-1.0mm)1.0cc	102
3237	NBB-L5.0	Alpha-Bio's GRAFT Natural Bovine Bone(1.0-2.0mm)5.0cc	102
3242	CM20x30	Alpha-Bio's GRAFT Collagen Membrane 20x30mm	104
3246	CM15x20	Alpha-Bio's GRAFT Collagen Membrane 15x20mm	104
3249	CCAS – S0.5	Corticocancellous Granules 0. 5cc (syringe)	103
3250	CCAS – S1.0	Corticocancellous Granules 1cc (Syringe)	103
3254	CCAV – L2.0	Corticocancellous Large Granules 2cc (Vial)	103
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3260	CCA - LB	Corticocancellous Block 6 x12x20	104
3261	CA - MB	Cancellous Block 10x10x10	104
3272	DAS – S0.5	Demineralized Cortical Granules 0.5cc (Syringe)	103
4011	RAT	Ratchet Wrench	33
4012	USH	Universal Square Ratchet Head	33
4014	HTW	Handle Adapter for Hex 6.35mm Drivers	30
4052	HHS1.25	Hand Hex Screw Driver 1.25mm	31,83
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4057	HTD1.5	Short Hex Driver 1.5mm	31
4058	HTD1.5S	Pro Short Hex Driver 1.5mm	31
4059	HHS1.5	Pro Hand Hex Screw Driver 1.5mm	31
4060	HHL1.5	Pro Hand Hex Long Screw Driver 1.5mm	31
4061	HTD 1.25L	Long Hex Driver 1.25mm	31,83
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4072	ITS 2.5	Short Motor Mount Hex Driver 2.5mm	30
4073	IT 2.5	Motor Mount Hex Driver 2.5mm	30
4080	PDG	Parallel Depth Guide	32
4081	PDGS	Short Parallel Depth Guide	32
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4153	ITD 2.5 SS	Short Hex Driver 2.5mm	30
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4156	AHTCA	Arrow Changeable Driver ITD2.5 Adapter	93
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4261	OST ANGLE SET	Angled Osteotome Set (5 pcs.)	34
4262	OST KIT	Osteotome Organizer Box	34
4284	DRX2.8	Drill External Irrigation D2.8mm	27
4285	HDRX2.8	Short Drill External Irrigation D2.8mm	27
4289	DRC2.8	Ceramic Drill D2.8mm	29
4290	RT	Rotation Tool	35
4303	RB2.3	Round Burr D2.3mm	29
4304	RB3	Round Burr D3.0mm	29
4305	RB4	Round Burr D4.0mm	29
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4324	DRX3.2	Drill External Irrigation D3.2mm	27
4325	HDRX 3.2	Short Drill External Irrigation D3.2mm	27
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4654	DRX3.65	Drill External Irrigation D3.65mm	27
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4684	DRX5.2	Drill External Irrigation D5.2mm	27
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4686	DRX5.8	Drill External Irrigation D5.8mm	27
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4876	AMSTR	AlphaLoC Male-Strong violate units (X4)	72
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5030	TLA	Straight Titanium Abutment	44
5031	ETLA	Esthetic Straight Titanium Abutment	48
5040	PLA	Straight Plastic Abutment Anti Rotation	52
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5050	PLAS	Slim Straight Plastic Abutment	52
5060	HLT	Closed Tray Transfer	40
5061	HLTO	Open Tray Transfer	40
5062	HLTLS	Slim Closed Tray Transfer	40
5070	LGP	Long Screw for Open Tray Transfer	40
5080	IA	Implant Analog	41
5090	TLA15	Angled Titanium Abutment 15°	46
5091	TLA15B	Angled Titanium Abutment 15° with Shoulder	46
5092	TLAL15	Long Angled Titanium Abutment 15°	46
5093	PLA15	Angled Plastic Abutment 15°	52
5094	ETLAL15	Esthetic Long Angled Titanium Abutment 15°	48
5098	TLA15BB	Long Angled Titanium Abutment 15° with Shoulder	46
5100	TLAB	Titanium Casting Abutment	52
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995-0119 R10/10.14