



# PRODUCT CATALOG





# DISCOVER

## A WORLD OF ADVANCED DENTAL SOLUTIONS



# CREATING SMILES WITH CONFIDENCE



Our purpose is to provide you with simple workflows & easy to use quality implants, prosthetics & dental solutions, to enable you to perform with confidence successful dental procedures & restore your patients' smiles.



**YOUR CLINICAL SUCCESS  
& YOUR PATIENTS' HEALTH  
& ORAL FUNCTIONALITY  
ARE OUR MISSION**

Meeting your needs & exceeding your expectations are our passion!

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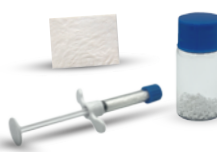
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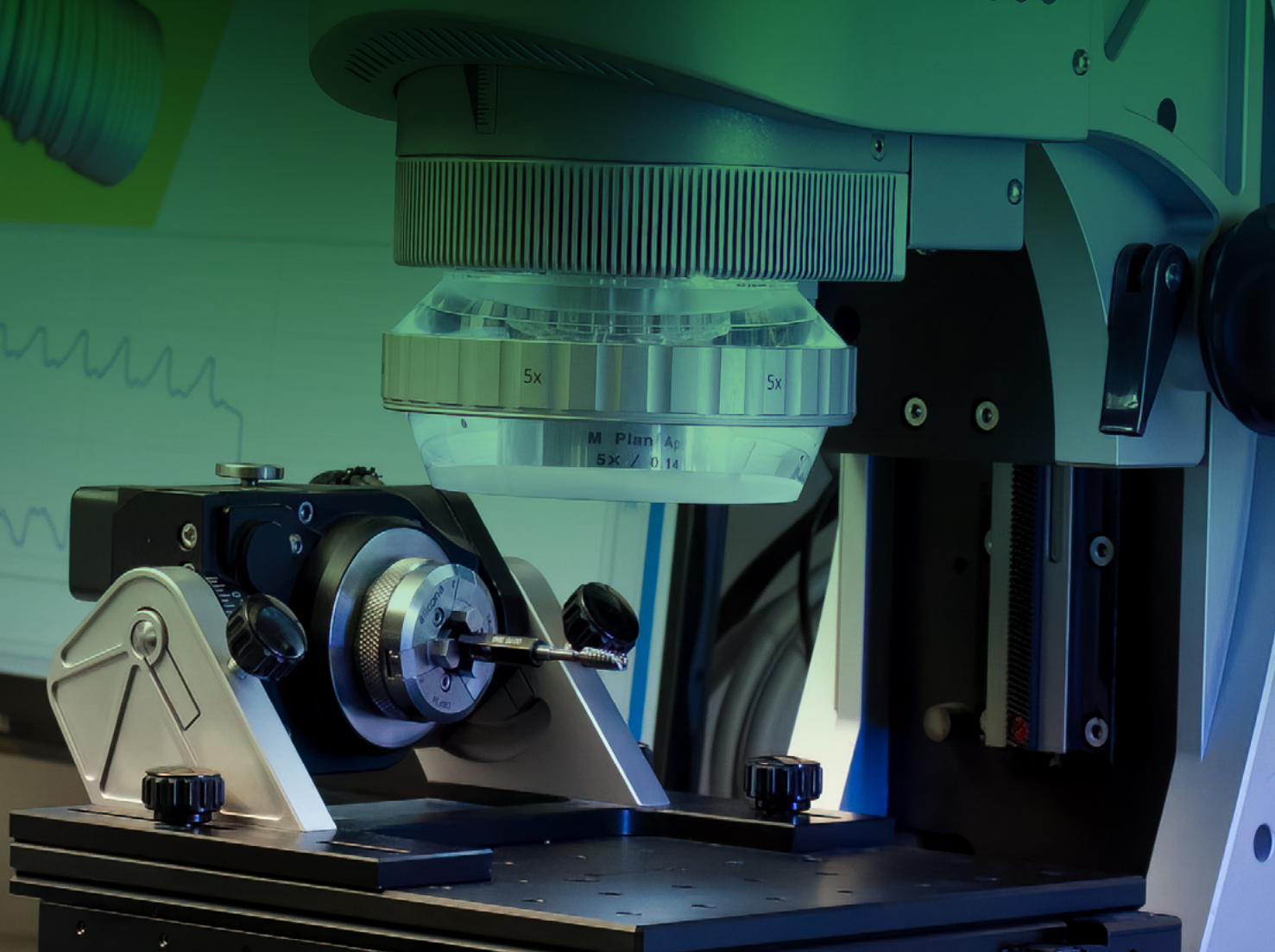
# MORE THAN 35 YEARS OF IMPROVING LIVES

For over 35 years, Alpha-Bio Tec. has become a globally recognized leader in the implantology industry, dedicated to creating simple yet sophisticated, easy to use & efficient dental solutions.

We are committed to excellence, innovation, high quality standards, reliability, and safety, by consistently providing you with trusted products, service and implantology solutions to enhance your clinical performance, confidence and predictability for optimal patient care.



# UNCOMPROMISED QUALITY STANDARDS



Quality is the pivotal pillar of Alpha-Bio Tec's mission & vision. We are committed to developing, manufacturing & delivering safe & effective products & dental solutions for you, our customers worldwide, & for the well-being, functionality & oral health of your patients. The implementation of our quality policy is supported by a quality management system, compliant with EN ISO 13485: Quality Management System for Medical Device Manufacturing.



# **SIMPLANTOLOGY**

## **THE ULTIMATE SOPHISTICATION**

At Alpha-Bio Tec. we are dedicated to developing dental solutions that make your daily dental workflow as easy & simple as it gets. Our implant systems, prosthetic solutions & complementary dental solutions are designed for providing you confidence, peace of mind & ease of use.

# BUILDING PARTNERSHIPS DELIVERING EXCELLENCE



Alpha-Bio Tec. partners with dozens of companies around the world, to provide you with the best customer support, service and training tools. Our global partner network is supported by skilled and experienced dental product and solution distributors. Together, we have created a dedicated community of dental industry professionals in your region – and in your language.



Visit our website to  
find a local distributor  
at your region.



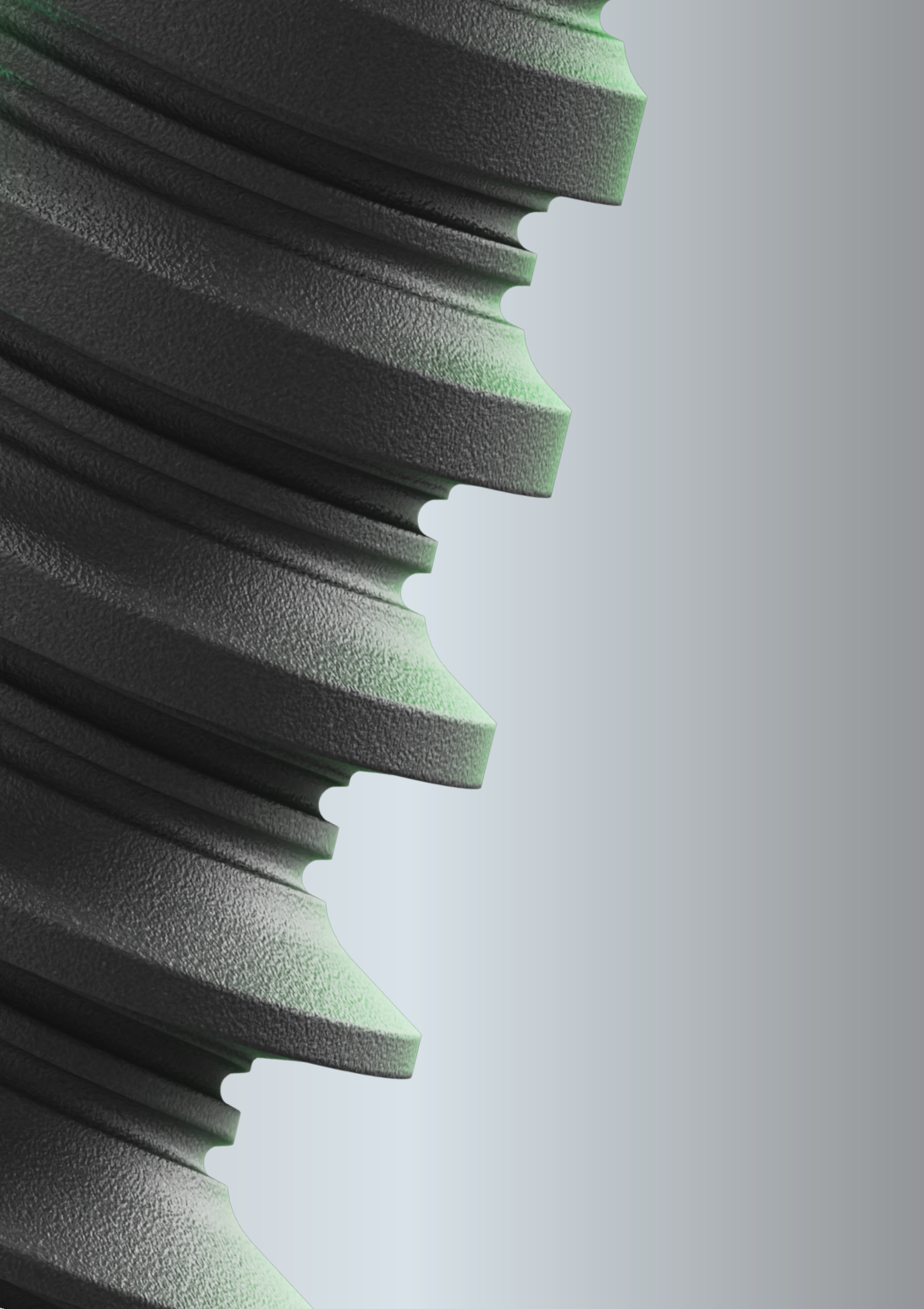
# ACCELERATING YOUR PROFESSIONAL GROWTH



At Alpha-Bio Tec. Academy we are committed to your professional growth & continuous learning, through comprehensive education programs & courses worldwide or online. Expanding your knowledge enables you to professionally perform more treatments & to improve your patients' experience & care.



Learn more about  
Alpha-Bio Tec.'s  
educational activities



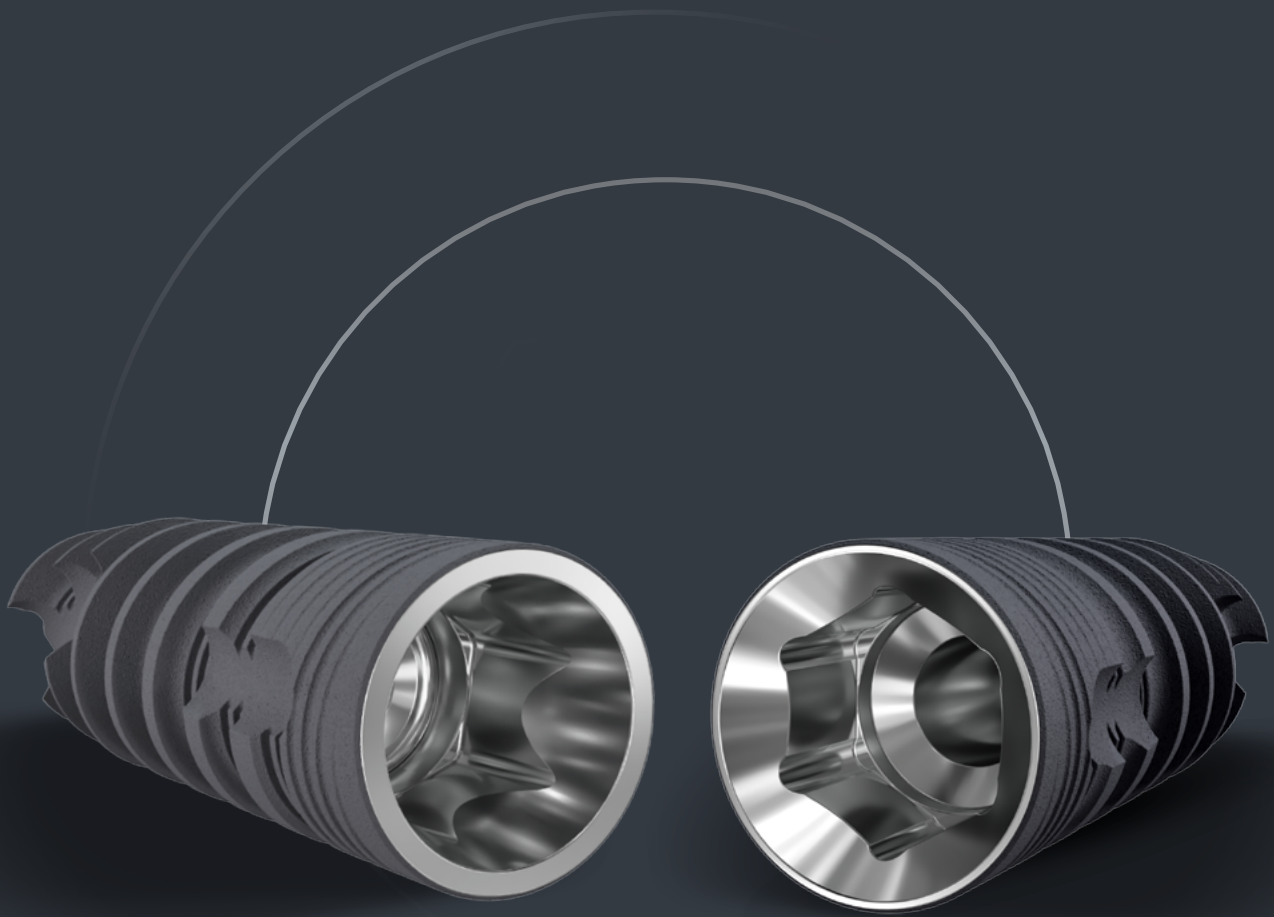


# IMPLANT SOLUTIONS

## **PREDICTABILITY & CONFIDENCE FOR VARIOUS CLINICAL INDICATIONS**

From conical connection to internal hex connection implants, Alpha-Bio Tec. offers a range of implant solutions suitable for a variety of procedures & clinical indications, for your confidence in Every Step!





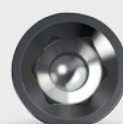
# CONNECTION TYPES

SECURE CONNECTIONS  
FOR PREDICTABILITY & ESTHETICS

Alpha-Bio Tec. offers two types of Implant-Abutment connections:



Conical Connection  
(CS & CHC)



Internal Hex Connection  
(IH)

# CONNECTION TYPES

Secure Connections for Predictability & Esthetics

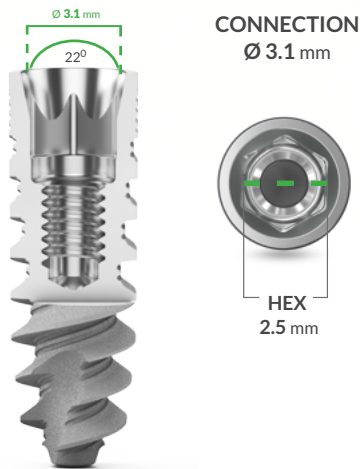
## Conical Connection

Alpha-Bio Tec. Conical Connection Implants have a conical shape connection to the abutment and are available in standard diameters (Ø 3.75 mm | Ø 4.2 mm | Ø 5 mm) & narrow diameters (Ø 3.2 mm | Ø 3.5 mm).

### CONICAL STANDARD CONNECTION

CS

Ø 3.75 mm | Ø 4.2 mm | Ø 5 mm



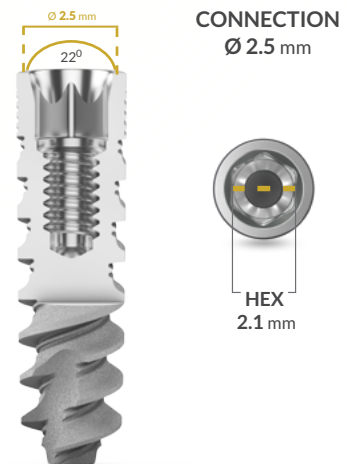
CONNECTION  
Ø 3.1 mm

HEX  
2.5 mm

### CONICAL NARROW CONNECTION

CHC

Ø 3.2 mm | Ø 3.5 mm



CONNECTION  
Ø 2.5 mm

HEX  
2.1 mm

#### CS Implants:

- MultiNeO™
- MultiNeO™ powered by NiNA™
- DFI™

#### CHC Implants:

- MultiNeO™
- MultiNeO™ powered by NiNA™
- NICE™



Enhanced platform  
switching



Low bacterial  
leakage



Reduced marginal  
bone loss



Tight implant-abutment  
fit & minimal micromovements



Long term  
esthetic results

# CONNECTION TYPES

Secure Connections for Predictability & Esthetics

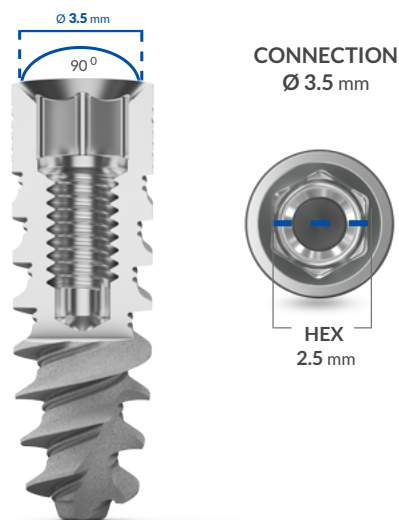
## Internal Hex Connection

The Internal Hex Connection is the most popular & widely used implant connection in dentistry & is considered as an industry standard. Alpha-Bio Tec. Internal Hex Connection Implants are available in various diameters, up to  $\varnothing$  6mm.

### INTERNAL HEX CONNECTION

IH

Various diameters up to  $\varnothing$  6mm



#### IH Implants:

- MultiNeO™
- DFI™
- SPIRAL™
- ICE™



High stability  
to lateral forces



High stability of the  
implant screw



Long term  
proven results



Simple restoration  
process



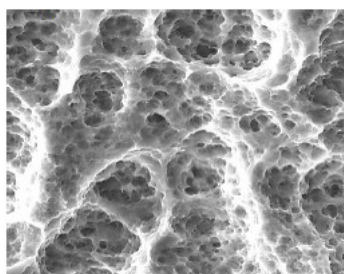
# SURFACE TECHNOLOGY

SURFACE TREATMENT FOR ENHANCED  
PREDICTABILITY & CLINICAL SUCCESS

All Alpha-Bio Tec. implants are made from titanium alloy Ti 6Al 4V ELI, a strong, durable, & highly bio-compatible material, and undergo mechanical & chemical surface modification processes, for increased implant surface area, enhanced bone-to-implant-contact & high survival rates.

## NANOTECH™

NanoTec micron level implant surface is achieved through a mechanical & chemical surface modification process, which involves sandblasting and double thermal acid etching, for the creation of micropores (sized 1-5 microns).



Micro level X 3k

The NanoTec process creates a high surface area, greatly influences the initial contact with the host bone and contributes to:

- Excellent osseointegration
- High long-term BIC (Bone to Implant Contact)
- Increased secondary stability

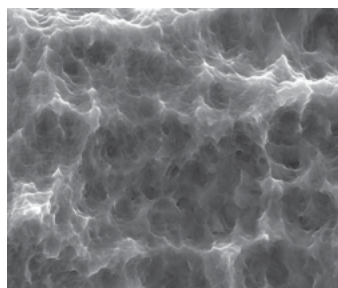
## NiNA NANO HYDROPHILIC SURFACE

The innovative super-hydrophilic nanostructure surface consists of multiple levels:

- The basic micron level (1-5 microns) produced from the known and trusted sandblasted and acid etched treatment
- New innovative TiO<sub>2</sub> (Titanium Oxide) structures on the nanometric level
- A protective layer deployed on the implant to maintain the titanium's natural hydrophilic properties

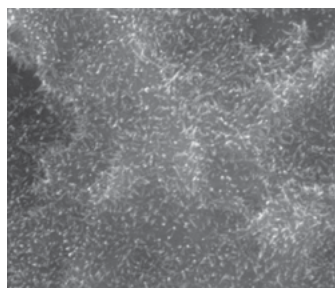
Visible nanoscale TiO<sub>2</sub> structures increase surface area and actively promote osteoblast bone formation. The active attraction of osteoblasts, combined with surface hydrophilicity, enhances a biological response accelerating wound healing processes & increased BIC for enhanced confidence & predictability.

### Micro level



(A) Micro level X 15k

### Nano level



(B) Nano Level X 200k  
with nanostructures

SEM images: 15K magnification of a sandblasted and acid-etched implant (A) vs. 200K magnification of NiNA surface treatment (B), demonstrating TiO<sub>2</sub> structures growth.

# IMPLANT SOLUTIONS OVERVIEW

## MULTINEO™

### MAXIMIZE ON IMMEDIACY

The MultiNeO implant enables multiple options & multiple solutions for a variety of procedures & clinical indications, from immediate implantation & immediate loading to sinus augmentation, bone defects, narrow alveolar ridges and more.



- **Conical Standard Connection (CS)**
- **Conical Narrow Connection (CHC)**
- **Internal Hex Connection (IH)**



High primary stability



Increased surface area & BIC (Bone-Implant-Contact)



Reduced marginal bone loss

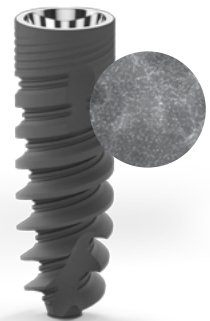


Comprehensive restoration process with high esthetic results

## MULTINEO™ | POWERED BY NiNA

### EMPOWERING PREDICTABILITY & PERFORMANCE IN IMMEDIACY

The MultiNeO powered by NiNA implant embodies the perfect synergy between an innovative implant and an advanced Nano Hydrophilic Surface enabling faster treatment and healing time and optimal patient care.



- **Conical Standard Connection (CS)**
- **Conical Narrow Connection (CHC)**



High primary stability



Enhanced osseointegration & increased BIC



High clinical predictability



Fast healing process

# IMPLANT SOLUTIONS OVERVIEW

## DFI™

A CYLINDRICAL IMPLANT YOU CAN RELY UPON WITH CONFIDENCE

The DFI implant is one of Alpha-Bio Tec.'s Legacy solutions. It is a cylindrical, slightly tapered implant, suitable for all bone types & a variety of clinical indications. From a single tooth to full arch restoration, the DFI implant is easily stabilized & controlled during placement & enables you to achieve long term stability, predictable esthetic results & high clinical success rates.



- **Conical Standard Connection (CS)**
- **Internal Hex Connection (IH)**



Good primary stability



Controlled & smooth insertion



Large surface area



Slightly tapered apex

## SPIRAL™

ALPHA-BIO TEC.'S FIRST TAPERED INTERNAL HEX IMPLANT!

The SPIRAL implant is one of the most widely used implants by Alpha-Bio Tec.'s customers around the world as it is a legacy dental solution for a variety of procedures with years of proven clinical success. The Spiral implant is designed with an internal hex connection and is available in a variety of implant diameters & lengths.



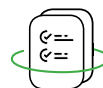
- **Internal Hex Connection (IH)**



High primary stability



Increased BIC (Bone-Implant-Contact)



Supports a wide range of clinical indications



Easy & smooth insertion

# IMPLANT SOLUTIONS OVERVIEW

## ICE™

### A CLASSICAL IMPLANT FOR CONTROLLED BONE PENETRATION

The ICE implant is a moderately tapered implant, suitable for a wide range of clinical cases and enables improved bone preservation & controlled bone penetration.



- **Internal Hex Connection (IH)**



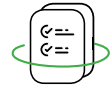
Controlled bone penetration



Good primary stability



Improved stress distribution



Supports a wide range of clinical indications

## NICE™

### AN ULTIMATE SOLUTION FOR NARROW RIDGES

The NICE Implant is a moderately tapered  $\varnothing$  3.2 implant with a conical connection, suitable for implantation in narrow ridges & limited space.



- **Conical Narrow Connection (CHC)**



Controlled bone penetration



Good primary stability



Improved stress distribution



Supports a wide range of clinical cases

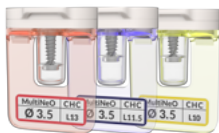
# ADVANCED IMPLANT PACKAGE

Designed for Maximum Convenience and Enhanced Ergonomics



DESIGNED TO BE OPENED SINGLE HANDEDLY!

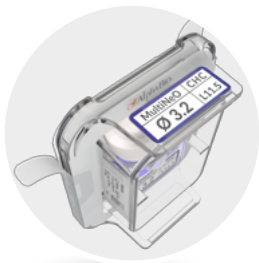
MOUNT-LESS PACKAGE WITH ADVANCED GRIP DRIVERS



COLOR-CODED HOLDER & IDENTIFICATION LABELS



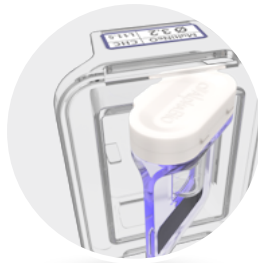
SELF-STACKABLE AND INTERLOCKING FOR EASY & EFFICIENT STORAGE



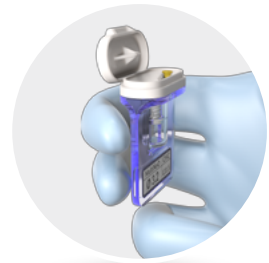
1  
Tear the cardboard



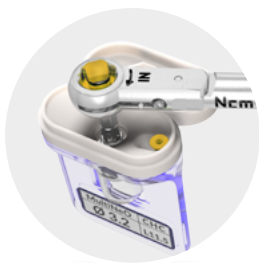
2  
Pull the Tyvek®



3  
Remove the inner holder



4  
Open the cap - easy one-hand operation



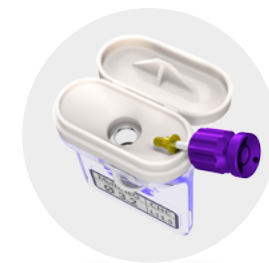
5  
Insert the dedicated driver clockwise (Ratchet wrench is for illustration purposes only)



6  
Remove the connected implant from the package



7  
Implant can be inserted directly to site



8  
Remove cover screw using an appropriate prosthetic driver

# MULTINEO Maximize on Immediacy



The MultiNeO implant is a tapered implant designed for immediate implant placement. It enables multiple options & multiple solutions for a variety of procedures & clinical indications, from immediate implantation & immediate loading to sinus augmentation, extreme bone defects, narrow alveolar ridges and more.

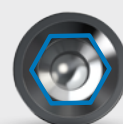
A comprehensive prosthetic line is available for all MultiNeO implant connections:



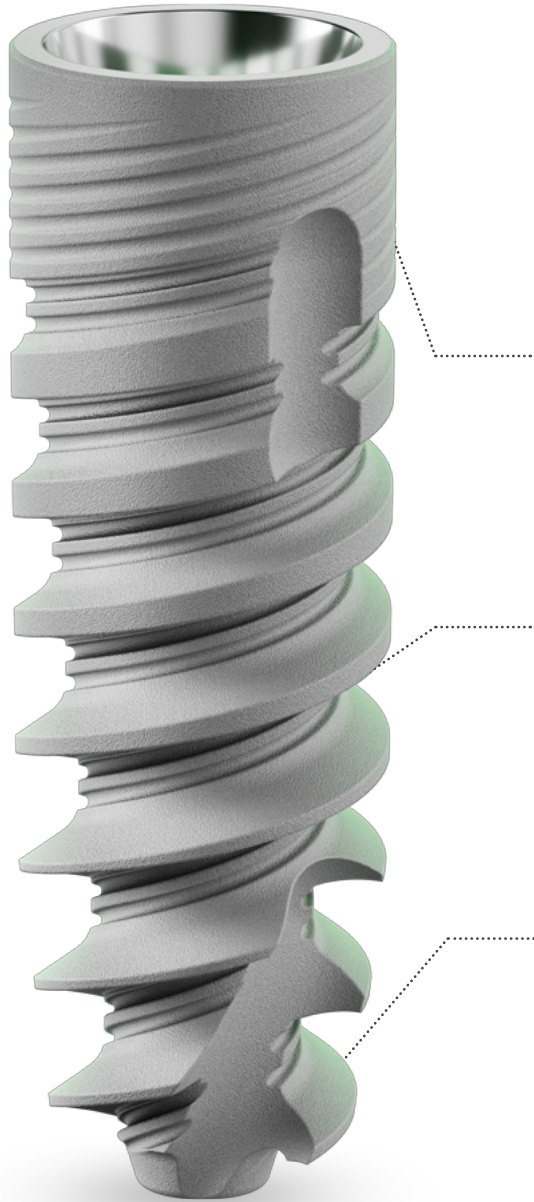
Conical Standard  
Connection (CS)



Conical Narrow  
Connection (CHC)



Internal Hex  
Connection (IH)



**MICRO THREADS, CUTTING FLUTES & PLATFORM SWITCHING**

- Reduced pressure on cortical region
- Improved bone preservation
- High initial stability

**SLIGHTLY TAPERED BODY, TAPERED CORE, VARIABLE THREADS WITH MICRO THREADS**

- High cutting efficiency
- Fast and controlled insertion
- Increased surface area
- Increased BIC

**NARROW APEX WITH PATENTED CENTERING FEATURE**

- Easy navigation and penetration
- Efficient cutting capability
- High primary stability



High primary stability



Increased BIC (Bone-Implant-Contact)



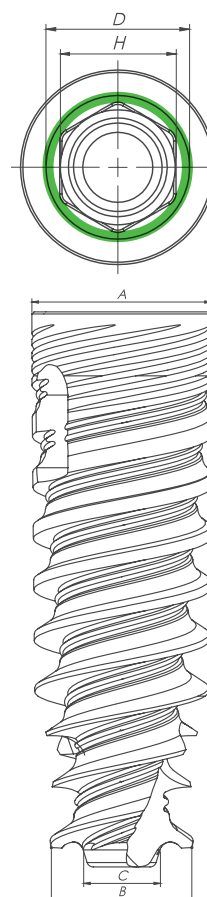
Reduced marginal bone loss



Comprehensive restoration process for high esthetic results



 Conical Standard Connection (CS)

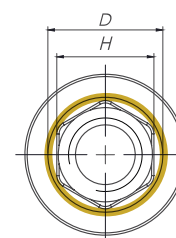
Diameter	Length	Ref. No.	Dimensions				
			A	B	C	D	H
Ø 3.75 	8 mm	1938	Ø 3.75	Ø 3.1	Ø 1.8	Ø 3.1	2.5
	10 mm	1930	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.1	2.5
	11.5 mm	1931	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.1	2.5
	13 mm	1933	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.1	2.5
	16 mm	1936	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.1	2.5
Ø 4.2 	8 mm	1948	Ø 4.2	Ø 3.5	Ø 1.8	Ø 3.1	2.5
	10 mm	1940	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.1	2.5
	11.5 mm	1941	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.1	2.5
	13 mm	1943	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.1	2.5
	16 mm	1946	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.1	2.5
Ø 5.0 	8 mm	1958	Ø 5.0	Ø 4.4	Ø 2.6	Ø 3.1	2.5
	10 mm	1950	Ø 5.0	Ø 4.1	Ø 2.3	Ø 3.1	2.5
	11.5 mm	1951	Ø 5.0	Ø 4.1	Ø 2.3	Ø 3.1	2.5
	13 mm	1953	Ø 5.0	Ø 4.1	Ø 2.3	Ø 3.1	2.5



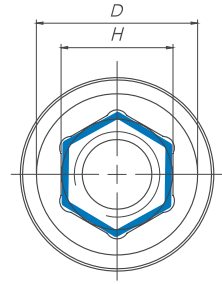
For **Conical Standard Connection (CS)** prosthetic solutions, see pages 57-70




 Conical Narrow Connection (CHC)

Diameter	Length	Ref. No.	Dimensions				
			A	B	C	D	H
Ø 3.2 	8 mm	1908	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	10 mm	1900	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	11.5 mm	1901	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	13 mm	1903	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	16 mm	1906	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	2.1
Ø 3.5 	8 mm	1928	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	10 mm	1920	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	11.5 mm	1921	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	13 mm	1923	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	16 mm	1926	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	2.1



For **Conical Narrow Connection (CHC)** prosthetic solutions, see pages 71-85



Diameter	Length	Ref. No.	Dimensions				
			A	B	C	D	H
 <b>Ø 3.75</b>	8 mm	1968	Ø 3.75	Ø 3.1	Ø 1.8	Ø 3.5	2.5
	10 mm	1960	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.5	2.5
	11.5 mm	1961	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.5	2.5
	13 mm	1963	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.5	2.5
	16 mm	1966	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.5	2.5
 <b>Ø 4.2</b>	8 mm	1978	Ø 4.2	Ø 3.5	Ø 1.8	Ø 3.5	2.5
	10 mm	1970	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.5	2.5
	11.5 mm	1971	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.5	2.5
	13 mm	1973	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.5	2.5
	16 mm	1976	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.5	2.5
 <b>Ø 5</b>	8 mm	1988	Ø 5.0	Ø 4.4	Ø 2.6	Ø 3.5	2.5
	10 mm	1980	Ø 5.0	Ø 4.1	Ø 2.3	Ø 3.5	2.5
	11.5 mm	1981	Ø 5.0	Ø 4.1	Ø 2.3	Ø 3.5	2.5
	13 mm	1983	Ø 5.0	Ø 4.1	Ø 2.3	Ø 3.5	2.5

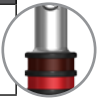
For **Internal Hex Connection (IH)** prosthetic solutions, see pages 86-103



STEP DRILLING SEQUENCE

Ø 3.2

Bone Type IV		Bone Type II & III			Bone Type I		
Ø2.0		Ø2.0	Ø2.4/Ø2.8		Ø2.0	Ø2.4/Ø2.8	Ø2.8/Ø3.0



Ø 3.5

Bone Type IV		Bone Type II & III			Bone Type I		
Ø2.0	Ø2.0/Ø2.4	Ø2.0	Ø2.4/Ø2.8	Ø2.8/Ø3.0	Ø2.0	Ø2.4/Ø2.8	Ø2.8/Ø3.2



Ø 3.75

Bone Type IV		Bone Type II & III			Bone Type I			
Ø2.0	Ø2.4/Ø2.8	Ø2.0	Ø2.4/Ø2.8	Ø2.8/Ø3.2	Ø2.0	Ø2.4/Ø2.8	Ø2.8/Ø3.2	Ø3.2/Ø3.65 Cortical*



Ø 4.2

Bone Type IV			Bone Type II & III			Bone Type I			
Ø2.0	Ø2.4/Ø2.8	Ø2.8/Ø3.2	Ø2.0	Ø2.4/Ø2.8	Ø3.2/Ø3.65	Ø2.0	Ø2.4/Ø2.8	Ø3.2/Ø3.65	Ø3.65/Ø4.1 Cortical*



Ø 5.0









Bone Type IV			Bone Type II & III				Bone Type I					
Ø2.0	Ø2.4 / Ø2.8	Ø3.2 / Ø3.65	Ø2.0	Ø2.4 / Ø2.8	Ø3.2 / Ø3.65	Ø3.65 / Ø4.1	Ø2.0	Ø2.4 / Ø2.8	Ø3.2 / Ø3.65	Ø3.65 / Ø4.1	Ø4.1 / Ø4.5	Ø4.5 / Ø4.8 Cortical*












\* Cortical - Drill through cortical plate.



























STRAIGHT DRILLING SEQUENCE


















Ø 3.2	Bone Type IV			Bone Type II & III			Bone Type I			
	Ø2.0 	Ø2.0 	Ø2.4 	Ø2.8* 	Ø2.0 	Ø2.8 	Ø3.0* 			

Ø 3.5	Bone Type IV		Bone Type II & III			Bone Type I			
	Ø2.0 	Ø2.4* 	Ø2.0 	Ø2.8 	Ø3.0* 	Ø2.0 	Ø2.8 	Ø3.2* 	

\* 3mm shorter than implant's length.

Ø 3.75	Bone Type IV			Bone Type II & III			Bone Type I				
	Ø2.0 	Ø2.4 	Ø2.8** 	Ø2.0 	Ø2.8 	Ø3.2** 	Ø2.0 	Ø2.8 	Ø3.2** 	Ø3.65 Cortical* 	

Ø 4.2	Bone Type IV			Bone Type II & III				Bone Type I					
	Ø2.0 	Ø2.8 	Ø3.2** 	Ø2.0 	Ø2.8 	Ø3.2 	Ø3.65** 	Ø2.0 	Ø2.8 	Ø3.2 	Ø3.65** 	Ø4.1 Cortical* 	

Ø 5.0	Bone Type IV				Bone Type II & III					Bone Type I							
	Ø2.0 	Ø2.8 	Ø3.2 	Ø3.65** 	Ø2.0 	Ø2.8 	Ø3.2 	Ø3.65 	Ø4.1** 	Ø2.0 	Ø2.8 	Ø3.2 	Ø3.65 	Ø4.1 	Ø4.5** 	Ø4.8 Cortical* 	

\* **Cortical** - Drill through cortical plate.

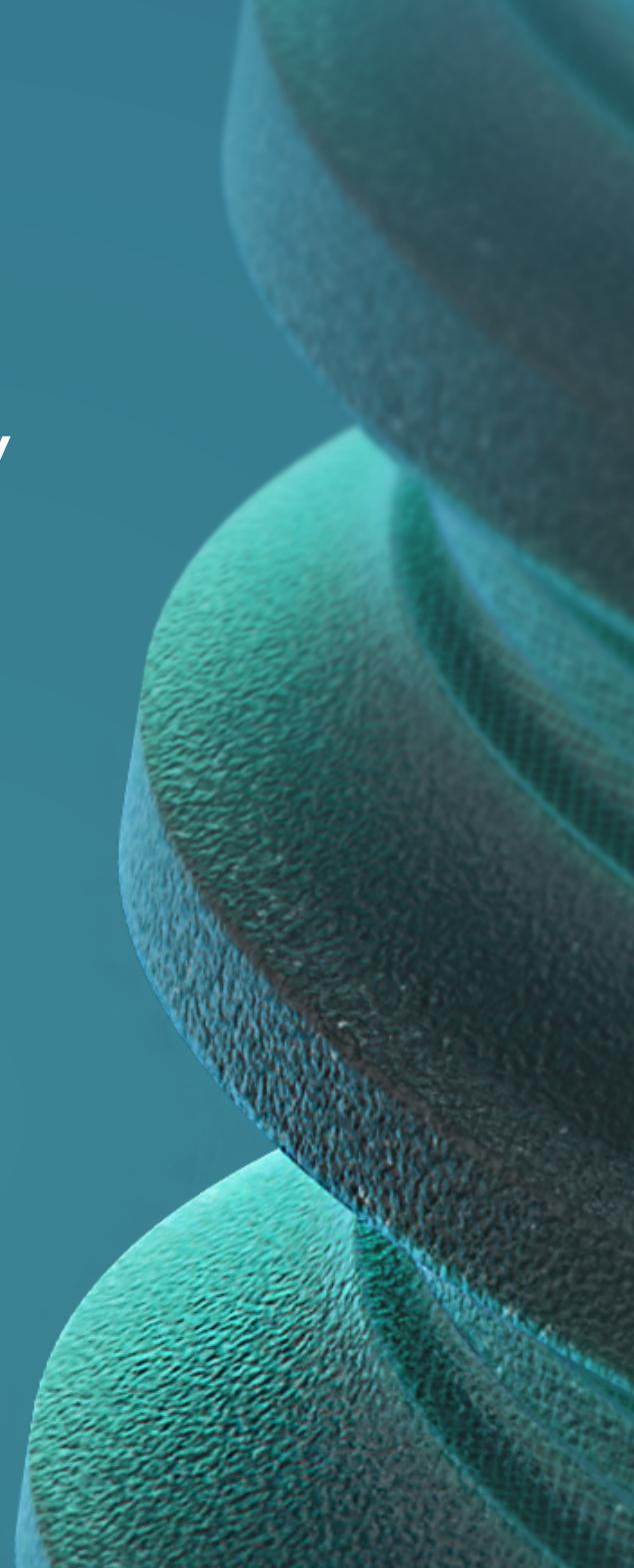
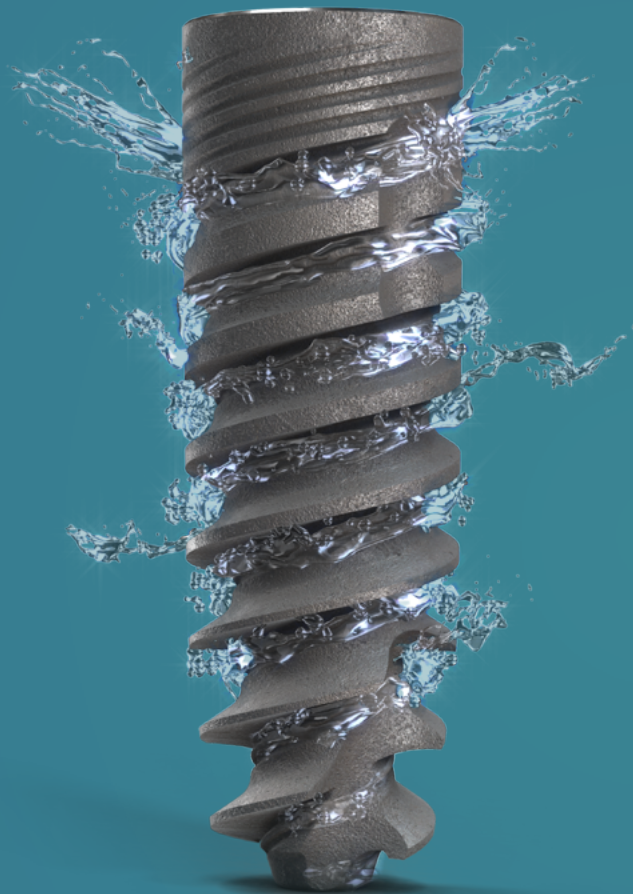
\*\* 3mm shorter than implant's length. Note that drill can be replaced by a corresponding step drill throughout entire implant's length. For more information, see step protocol.

**Important:** Professional discretion is advised for adaptations of the drilling sequence in different clinical cases.

# MULTINEO™



## Empowering Predictability & Performance in Immediacy



MultiNeO™ powered by NiNA™ embodies the synergy between an innovative implant and an advanced nano hydrophilic surface, enabling you to enhance your clinical performance and confidence in immediate implant and loading procedures, due to enhanced bone formation and faster healing time for optimal patient care.

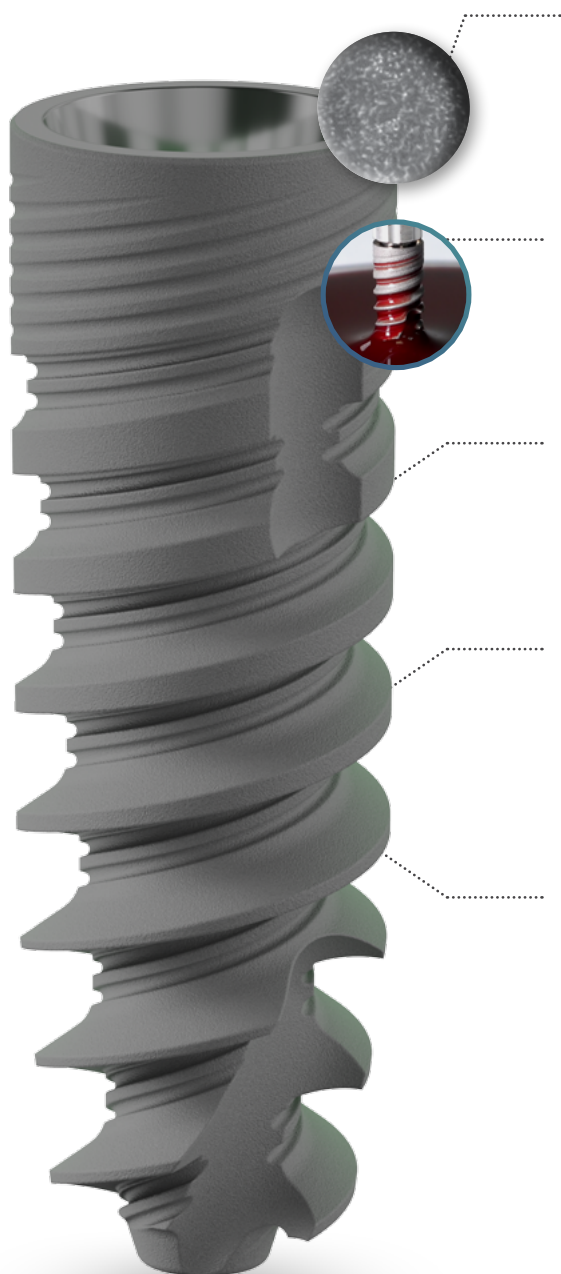
A comprehensive conical connection prosthetic line is available for all MultiNeO powered by NiNA implants:



 Conical Standard Connection (CS)



 Conical Narrow Connection (CHC)



#### NANO STRUCTURES

Visible nanoscale TiO<sub>2</sub> structures increase surface area and actively promote osteoblast bone formation

#### IMPLANT HYDROPHILICITY

NiNA hydrophilic surface contributes to accelerated blood and bone attraction, and increased BIC

#### SPECIAL CUTTING FLUTES & MICRO THREADS

- Reduced pressure on cortical bone
- Improved bone preservation
- High primary stability

#### INNOVATIVE THREAD DESIGN WITH TWO MICRO THREADS AND SHARP ATTACK ANGLE

- High cutting efficiency
- High primary stability in all bone types
- Greater surface area (BIC)

#### UNIQUE PATENTED CENTERING FEATURE & SHARP AND DEEP THREADS

- High primary engagement
- Easy navigation and penetration
- High cutting efficiency

#### DRY IMPLANT PACKAGE

Patented technology allows for a dry implant package with ultra-hydrophilicity maintained



High primary stability



Enhanced osseointegration & increased BIC





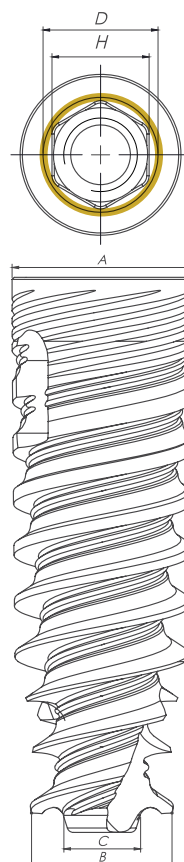
High clinical predictability



Fast healing process




 Conical Narrow Connection (CHC)

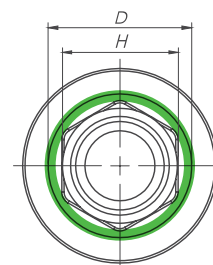
Diameter	Length	Ref. No.	Dimensions				
			A	B	C	D	H
<b>Ø 3.2</b> 	8 mm	9308	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	10 mm	9300	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	11.5 mm	9301	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	13 mm	9303	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	16 mm	9306	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	2.1
<b>Ø 3.5</b> 	8 mm	9328	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	10 mm	9320	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	11.5 mm	9321	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	13 mm	9323	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	2.1
	16 mm	9326	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	2.1



For **Conical Narrow Connection (CHC)** prosthetic solutions, see pages 71-85

 Conical Standard Connection (CS)

Diameter	Length	Ref. No.	Dimensions				
			A	B	C	D	H
<b>Ø 3.75</b> 	8 mm	9338	Ø 3.75	Ø 3.1	Ø 1.8	Ø 3.1	2.5
	10 mm	9330	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.1	2.5
	11.5 mm	9331	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.1	2.5
	13 mm	9333	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.1	2.5
	16 mm	9336	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.1	2.5
<b>Ø 4.2</b> 	8 mm	9348	Ø 4.2	Ø 3.5	Ø 1.8	Ø 3.1	2.5
	10 mm	9340	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.1	2.5
	11.5 mm	9341	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.1	2.5
	13 mm	9343	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.1	2.5
	16 mm	9346	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.1	2.5
<b>Ø 5.0</b> 	8 mm	9358	Ø 5.0	Ø 4.4	Ø 2.6	Ø 3.1	2.5
	10 mm	9350	Ø 5.0	Ø 4.1	Ø 2.3	Ø 3.1	2.5
	11.5 mm	9351	Ø 5.0	Ø 4.1	Ø 2.3	Ø 3.1	2.5
	13 mm	9353	Ø 5.0	Ø 4.1	Ø 2.3	Ø 3.1	2.5



For **Conical Standard Connection (CS)** prosthetic solutions, see pages 57-70

### STEP DRILLING SEQUENCE

	Bone Type IV			Bone Type II & III				Bone Type I							
Ø 3.2	Ø2.0			Ø2.0	Ø2.4/Ø2.8			Ø2.0	Ø2.4/Ø2.8		Ø2.8/Ø3.0				
Ø 3.5	Ø2.0	Ø2.0/Ø2.4		Ø2.0	Ø2.4/Ø2.8			Ø2.8/Ø3.0	Ø2.0	Ø2.4/Ø2.8		Ø2.8/Ø3.2			
Ø 3.75	Ø2.0	Ø2.4/Ø2.8		Ø2.0	Ø2.4/Ø2.8			Ø2.8/Ø3.2	Ø2.0	Ø2.4/Ø2.8		Ø2.8/Ø3.2	Ø3.2/Ø3.65 Cortical*		
Ø 4.2	Ø2.0	Ø2.4/Ø2.8		Ø2.8/Ø3.2	Ø2.0	Ø2.4/Ø2.8			Ø3.2/Ø3.65	Ø2.0	Ø2.4/Ø2.8		Ø3.2/Ø3.65	Ø3.65/Ø4.1 Cortical*	
Ø 5.0	Ø2.0	Ø2.4 / Ø2.8	Ø3.2 / Ø3.65	Ø2.0	Ø2.4 / Ø2.8	Ø3.2 / Ø3.65	Ø3.65 / Ø4.1	Ø2.0	Ø2.4 / Ø2.8	Ø3.2 / Ø3.65	Ø3.65 / Ø4.1	Ø4.1 / Ø4.5	Ø4.5 / Ø4.8 Cortical*		

### STRAIGHT DRILLING SEQUENCE

	Bone Type IV			Bone Type II & III				Bone Type I									
Ø 3.2	Ø2.0			Ø2.0	Ø2.4	Ø2.8*		Ø2.0	Ø2.8		Ø3.0*						
Ø 3.5	Ø2.0	Ø2.4*		Ø2.0	Ø2.8	Ø3.0*		Ø2.0	Ø2.8		Ø3.2*						
Ø 3.75	Ø2.0	Ø2.4	Ø2.8**	Ø2.0	Ø2.8	Ø3.2**		Ø2.0	Ø2.8	Ø3.2**	Ø3.65 Cortical*						
Ø 4.2	Ø2.0	Ø2.8	Ø3.2**	Ø2.0	Ø2.8	Ø3.2	Ø3.65**	Ø2.0	Ø2.8	Ø3.2	Ø3.65**	Ø4.1 Cortical*					
Ø 5.0	Ø2.0	Ø2.8	Ø3.2	Ø3.65**	Ø2.0	Ø2.8	Ø3.2	Ø3.65	Ø4.1**	Ø2.0	Ø2.8	Ø3.2	Ø3.65	Ø4.1	Ø4.5**	Ø4.8 Cortical*	

\* 3mm shorter than implant's length.

\* **Cortical** - Drill through cortical plate. \*\* 3mm shorter than implant's length. Note that drill can be replaced by a corresponding step drill throughout entire implant's length. For more information, see step protocol. **Important:** Professional discretion is advised for adaptations of the drilling sequence in different clinical cases.

# DFI™

## A Cylindrical Implant You Can Rely Upon with Confidence



The DFI™ implant is one of Alpha-Bio Tec's Legacy solutions. It is a cylindrical implant with a slightly tapered apex, suitable for all bone types & a variety of clinical indications. The DFI implant is easily stabilized & controlled during placement & enables you to achieve long term stability, predictable esthetic results & high clinical success rates.

A comprehensive prosthetic line is available for all DFI implant connections:

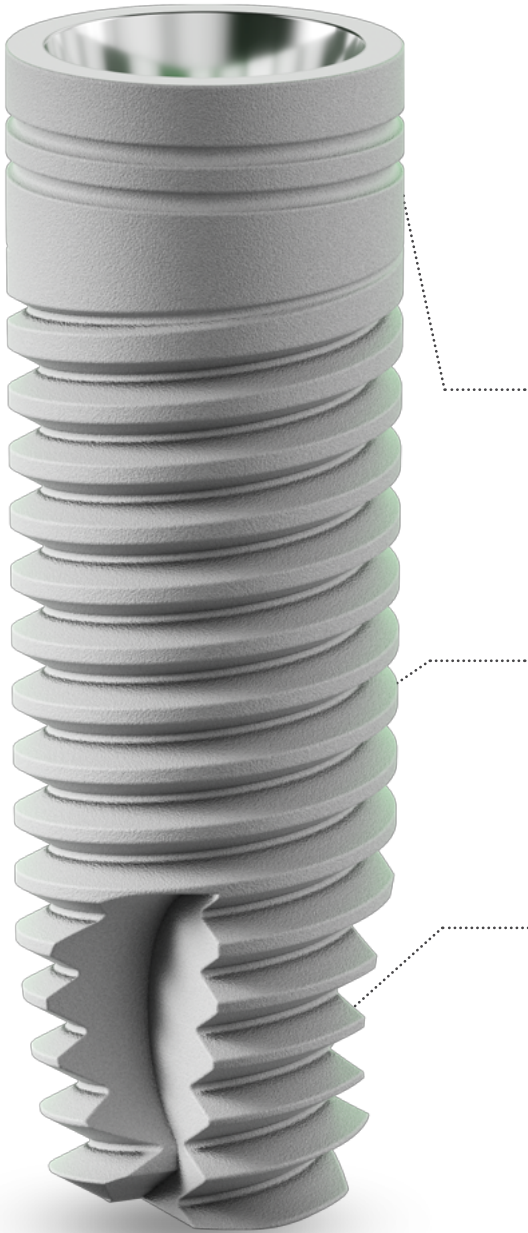


 Conical Standard Connection (CS)



 Internal Hex Connection (IH)

# DFI A Cylindrical Implant You Can Rely Upon with Confidence



### MICRO RINGS

- Reduced marginal bone loss
- Decreased crestal compression
- Increased Bone to Implant Contact (BIC)

### CYLINDRICAL BODY WITH VARIABLE THREADS

- Increased BIC
- Efficient load distribution
- Reduced marginal bone loss

### SLIGHTLY TAPERED FLAT APEX WITH SHARP THREADS & A CUTTING FLUTE

- Good primary stability
- Increased surface area
- Smooth & controlled insertion



Good primary stability



Controlled & smooth insertion



Large surface area





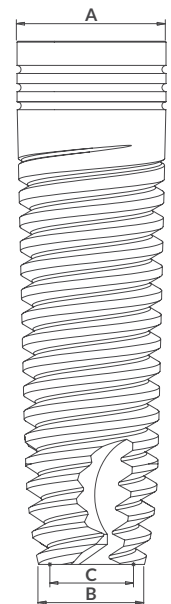
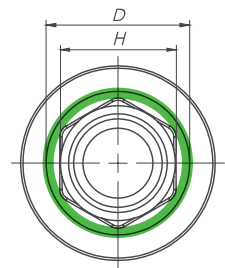
Slightly tapered apex

# DFI A Cylindrical Implant You Can Rely Upon with Confidence



Conical Standard Connection (CS)





Diameter	Length	Ref. No.	Dimensions				
			A	B	C	D	H
Ø 3.75 	8 mm	1828	Ø 3.85	Ø 3	Ø 2.1	Ø 3.1	2.5
	10 mm	1820	Ø 3.85	Ø 3	Ø 2.1	Ø 3.1	2.5
	11.5 mm	1821	Ø 3.85	Ø 3	Ø 2.1	Ø 3.1	2.5
	13 mm	1823	Ø 3.85	Ø 3	Ø 2.1	Ø 3.1	2.5
Ø 4.2 	8 mm	1838	Ø 4.2	Ø 3.55	Ø 1.8	Ø 3.1	2.5
	10 mm	1830	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.1	2.5
	11.5 mm	1831	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.1	2.5
	13 mm	1833	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.1	2.5
Ø 5.0 	8 mm	1848	Ø 4.95	Ø 4.05	Ø 3.1	Ø 3.1	2.5
	10 mm	1840	Ø 4.95	Ø 4.05	Ø 3.1	Ø 3.1	2.5
	11.5 mm	1841	Ø 4.95	Ø 4.05	Ø 3.1	Ø 3.1	2.5
	13 mm	1843	Ø 4.95	Ø 4.05	Ø 3.1	Ø 3.1	2.5

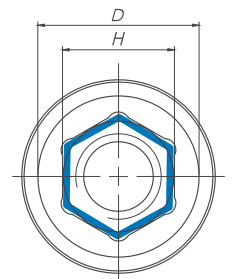


For **Conical Standard Connection (CS)** prosthetic solutions, see pages 57-70






Internal Hex Connection (IH)

Diameter	Length	Ref. No.	Dimensions				
			A	B	C	D	H
Ø 3.3 	8 mm	1288	Ø 3.7	Ø 2.6	Ø 2.1	Ø 3.5	2.5
	10 mm	1280	Ø 3.7	Ø 2.6	Ø 2.1	Ø 3.5	2.5
	11.5 mm	1281	Ø 3.7	Ø 2.6	Ø 2.1	Ø 3.5	2.5
	13 mm	1283	Ø 3.7	Ø 2.6	Ø 2.1	Ø 3.5	2.5
Ø 3.75 	8 mm	1268	Ø 3.85	Ø 3	Ø 2.1	Ø 3.5	2.5
	10 mm	1260	Ø 3.85	Ø 3	Ø 2.1	Ø 3.5	2.5
	11.5 mm	1261	Ø 3.85	Ø 3	Ø 2.1	Ø 3.5	2.5
	13 mm	1263	Ø 3.85	Ø 3	Ø 2.1	Ø 3.5	2.5
Ø 4.2 	8 mm	1278	Ø 4.2	Ø 3	Ø 2.2	Ø 3.5	2.5
	10 mm	1270	Ø 4.2	Ø 3	Ø 2.2	Ø 3.5	2.5
	11.5 mm	1271	Ø 4.2	Ø 3	Ø 2.2	Ø 3.5	2.5
	13 mm	1273	Ø 4.2	Ø 3	Ø 2.2	Ø 3.5	2.5
Ø 5 	8 mm	1298	Ø 4.95	Ø 4.05	Ø 3.1	Ø 3.5	2.5
	10 mm	1290	Ø 4.95	Ø 4.05	Ø 3.1	Ø 3.5	2.5
	11.5 mm	1291	Ø 4.95	Ø 4.05	Ø 3.1	Ø 3.5	2.5
	13 mm	1293	Ø 4.95	Ø 4.05	Ø 3.1	Ø 3.5	2.5



For **Internal Hex Connection (IH)** prosthetic solutions, see pages 86-103

**STRAIGHT DRILLING SEQUENCE**

Ø 3.3	Bone Type IV		Bone Type II & III		Bone Type I									
	Ø2.0 	Ø2.8 Cortical* 	Ø2.0 	Ø2.8 	Ø2.0 	Ø2.8 	Ø3.2 Cortical* 							
Ø 3.75	Bone Type IV			Bone Type II & III			Bone Type I							
	Ø2.0 	Ø2.8 	Ø3.2 Cortical* 	Ø2.0 	Ø2.8 	Ø3.2 	Ø2.0 	Ø2.8 	Ø3.2 	Ø3.65 Cortical* 				
Ø 4.2	Bone Type IV				Bone Type II & III				Bone Type I					
	Ø2.0 	Ø2.8 	Ø3.2 	Ø3.65 Cortical* 	Ø2.0 	Ø2.8 	Ø3.2 	Ø3.65 	Ø2.0 	Ø2.8 	Ø3.2 	Ø3.65 	Ø4.1 Cortical* 	
Ø 5.0	Bone Type IV						Bone Type II & III							
	Ø2.0 	Ø2.8 	Ø3.2 	Ø3.65 	Ø4.1 	Ø4.5 Cortical* 	Ø2.0 	Ø2.8 	Ø3.2 	Ø3.65 	Ø4.1 	Ø4.5 		
	Bone Type I													
	Ø2.0 	Ø2.8 	Ø3.2 	Ø3.65 	Ø4.1 	Ø4.5 	Ø4.8 Cortical* 							

\*Cortical - Drill through cortical plate.

**Important:** Professional discretion is advised for adaptations of the drilling sequence in different clinical cases.



# SPIRAL™

## Alpha-Bio Tec.'s First Tapered Internal Hex Implant!



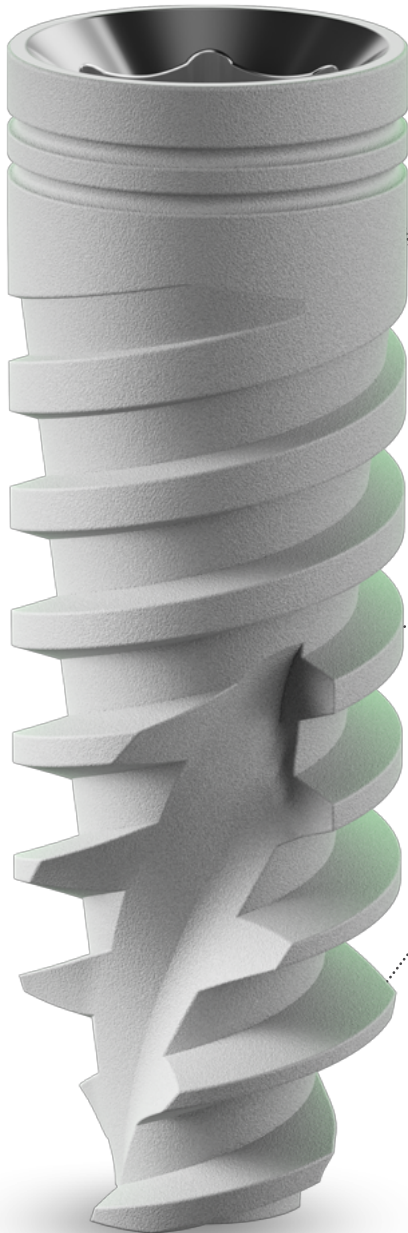
The SPIRAL implant is one of the most widely used implants by Alpha-Bio Tec. customers around the world as it a legacy dental solution for a variety of procedures with years of proven clinical success. The SPIRAL implant is designed with an internal hex connection and is available in a variety of implant diameters & lengths.

A comprehensive internal hex prosthetic line is available for SPIRAL implants:



Internal Hex  
Connection (IH)

# SPIRAL Alpha-Bio Tec's First Tapered Internal Hex Implant



## MICRO RINGS

- Reduced marginal bone loss
- Decreased crestal stress

## SLIGHTLY TAPERED BODY, TAPERED CORE, WITH DOUBLE & VARIABLE THREADS

- Redirecting capability
- Easy insertion
- Increased BIC

## NARROW CORE & SHARP & DEEP APICAL THREADS

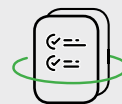
- Easy and smooth insertion
- High primary stability



High primary stability



Increased BIC (Bone-Implant-Contact)



Supports a wide range of clinical indications

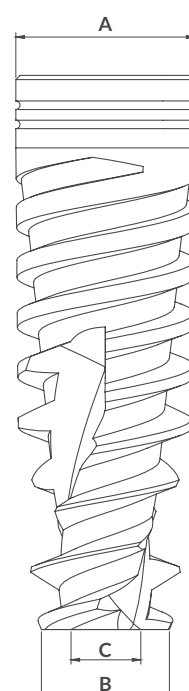
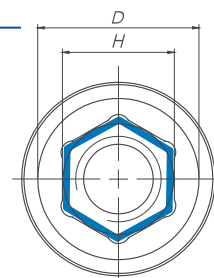


Easy & smooth insertion

# SPIRAL Alpha-Bio Tec's First Tapered Internal Hex Implant



Diameter	Length	Ref. No.	Dimensions				
			A	B	C	D	H
 <b>Ø 3.3</b>	8 mm	1308	Ø 3.7	Ø 2.55	Ø 1.55	Ø 3.5	2.5
	10 mm	1300	Ø 3.7	Ø 2.55	Ø 1.55	Ø 3.5	2.5
	11.5 mm	1301	Ø 3.7	Ø 2.55	Ø 1.55	Ø 3.5	2.5
	13 mm	1303	Ø 3.7	Ø 2.55	Ø 1.55	Ø 3.5	2.5
	16 mm	1306	Ø 3.7	Ø 2.55	Ø 1.55	Ø 3.5	2.5
 <b>Ø 3.75</b>	8 mm	1358	Ø 3.85	Ø 2.9	Ø 2	Ø 3.5	2.5
	10 mm	1350	Ø 3.85	Ø 2.9	Ø 2	Ø 3.5	2.5
	11.5 mm	1351	Ø 3.85	Ø 2.9	Ø 2	Ø 3.5	2.5
	13 mm	1353	Ø 3.85	Ø 2.9	Ø 2	Ø 3.5	2.5
	16 mm	1356	Ø 3.85	Ø 2.9	Ø 2	Ø 3.5	2.5
 <b>Ø 4.2</b>	8 mm	1338	Ø 4.2	Ø 3	Ø 2.1	Ø 3.5	2.5
	10 mm	1330	Ø 4.2	Ø 3	Ø 2.1	Ø 3.5	2.5
	11.5 mm	1331	Ø 4.2	Ø 3	Ø 2.1	Ø 3.5	2.5
	13 mm	1333	Ø 4.2	Ø 3	Ø 2.1	Ø 3.5	2.5
	16 mm	1336	Ø 4.2	Ø 3	Ø 2.1	Ø 3.5	2.5
 <b>Ø 5</b>	8 mm	1348	Ø 4.95	Ø 3.3	Ø 2.6	Ø 3.5	2.5
	10 mm	1340	Ø 4.95	Ø 3.3	Ø 2.6	Ø 3.5	2.5
	11.5 mm	1341	Ø 4.95	Ø 3.3	Ø 2.6	Ø 3.5	2.5
	13 mm	1343	Ø 4.95	Ø 3.3	Ø 2.6	Ø 3.5	2.5
	16 mm	1346	Ø 4.95	Ø 3.3	Ø 2.6	Ø 3.5	2.5
 <b>Ø 6</b>	8 mm	1368	Ø 5.95	Ø 4.6	Ø 3.35	Ø 3.5	2.5
	10 mm	1360	Ø 5.95	Ø 4.6	Ø 3.45	Ø 3.5	2.5
	11.5 mm	1361	Ø 5.95	Ø 4.6	Ø 3.45	Ø 3.5	2.5
	13 mm	1363	Ø 5.95	Ø 4.6	Ø 3.45	Ø 3.5	2.5









For **Internal Hex Connection (IH)** prosthetic solutions, see pages 86-103

# SPIRAL Alpha-Bio Tec's First Tapered Internal Hex Implant










## STRAIGHT DRILLING SEQUENCE

Ø 3.3

Bone Type IV	Bone Type II & III			Bone Type I		
Ø 2.0 	Ø 2.0 	Ø 2.8 		Ø 2.0 	Ø 2.8 	Ø 3.2 Cortical* 















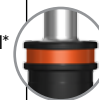
Ø 3.75

Bone Type IV		Bone Type II & III			Bone Type I			
Ø 2.0 	Ø 2.8 	Ø 2.0 	Ø 2.8 	Ø 3.2 	Ø 2.0 	Ø 2.8 	Ø 3.2 	Ø 3.65 Cortical* 




















Ø 4.2

Bone Type IV			Bone Type II & III				Bone Type I				
Ø 2.0 	Ø 2.8 	Ø 3.2 	Ø 2.0 	Ø 2.8 	Ø 3.2 	Ø 3.65 	Ø 2.0 	Ø 2.8 	Ø 3.2 	Ø 3.65 	Ø 4.1 Cortical* 
























Ø 5.0

Bone Type IV				Bone Type II & III						
Ø 2.0 	Ø 2.8 	Ø 3.2 	Ø 3.65 	Ø 2.0 	Ø 2.8 	Ø 3.2 	Ø 3.65 	Ø 4.1 	Ø 4.5 	
Bone Type I										
Ø 2.0 	Ø 2.8 	Ø 3.2 	Ø 3.65 	Ø 4.1 	Ø 4.5 	Ø 4.8 Cortical* 				



Ø 6.0

Bone Type IV						Bone Type II & III						
Ø 2.0 	Ø 2.8 	Ø 3.2 	Ø 3.65 	Ø 4.1 	Ø 4.8 	Ø 2.0 	Ø 2.8 	Ø 3.2 	Ø 3.65 	Ø 4.1 	Ø 4.8 	Ø 5.2 
Bone Type I												
Ø 2.0 	Ø 2.8 	Ø 3.2 	Ø 3.65 	Ø 4.1 	Ø 4.8 	Ø 5.2 	Ø 5.8 Cortical* 					



\* **Cortical** – Drill through cortical plate.

**Important:** Professional discretion is advised for adaptations of the drilling sequence in different clinical cases.

# ICE™

## A Classical Implant for Controlled Bone Penetration!



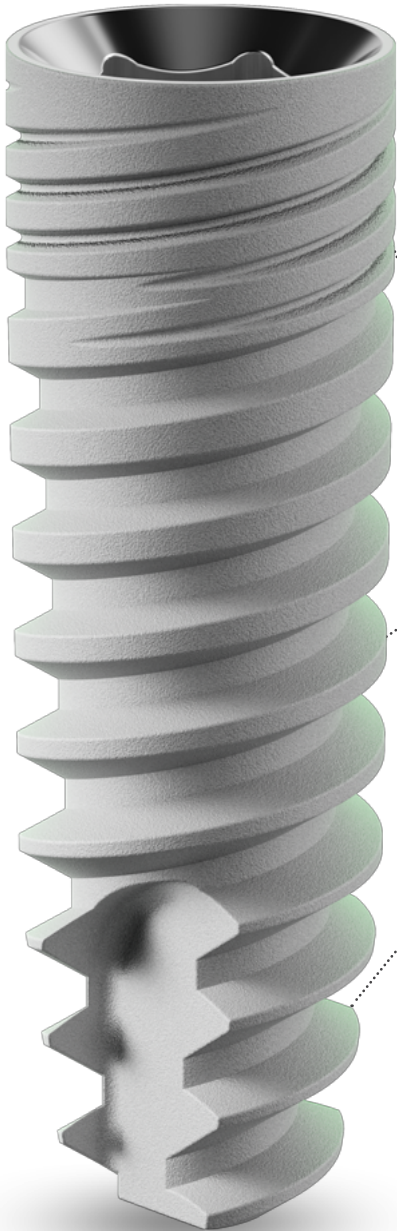
The ICE™ implant is a moderately tapered implant, suitable for a wide range of clinical cases and enables improved bone preservation & controlled bone penetration.

A comprehensive internal hex prosthetic line is available for ICE implants:



Internal Hex  
Connection (IH)

# ICE A Classical Implant for Controlled Bone Penetration



### MICRO THREADS

- Reduced marginal bone loss
- Decreased crestal stress
- Increased Bone Implant Contact (BIC)

### MODERATELY TAPERED BODY AND CORE

- Smooth & controlled insertion
- Good primary stability

### TAPERED APEX WITH SHARP & DEEP THREADS

- Smooth and controlled insertion
- Good primary stability



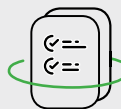
Controlled bone penetration



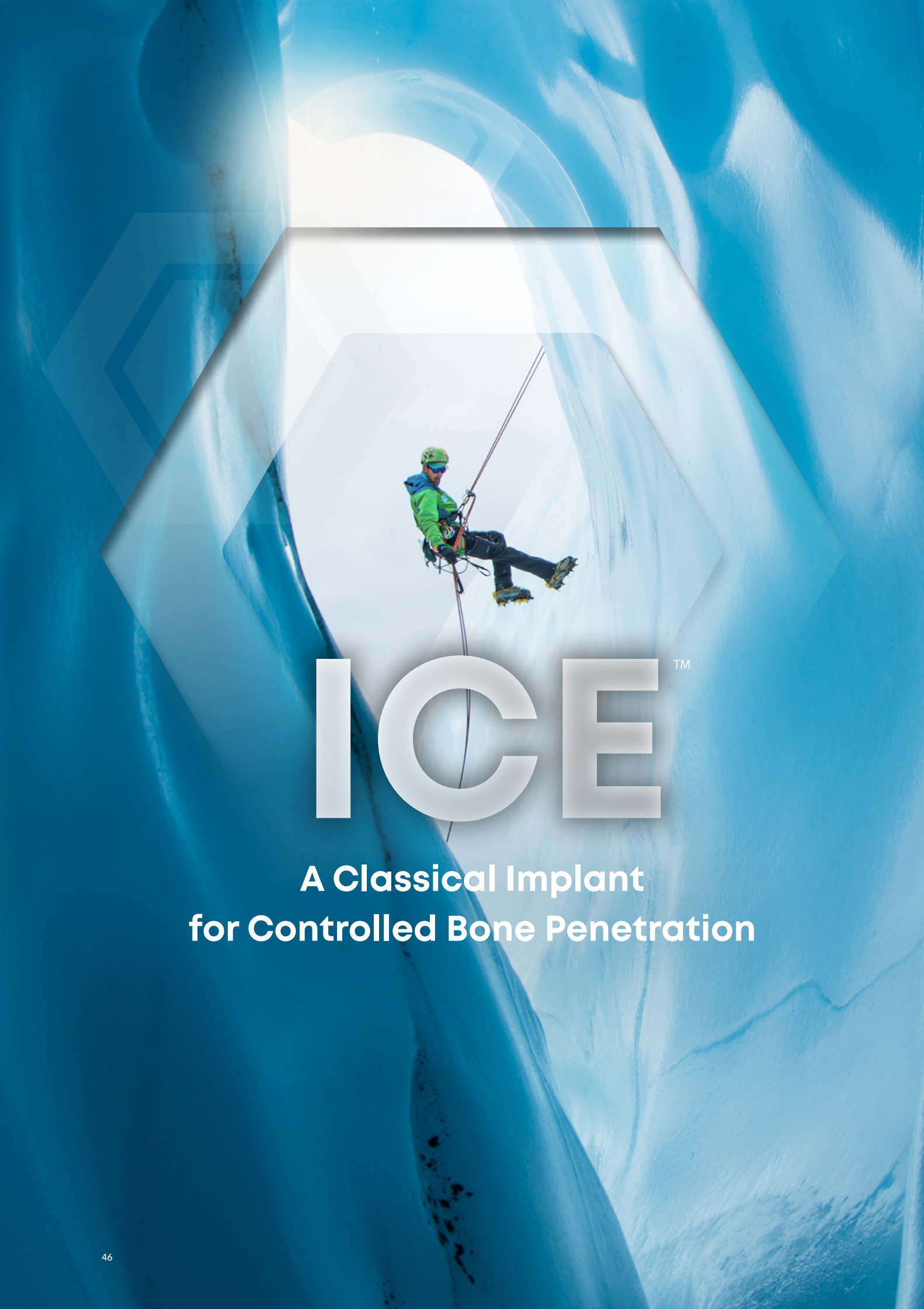
Good primary stability



Improved stress distribution



Supports wide range of clinical cases



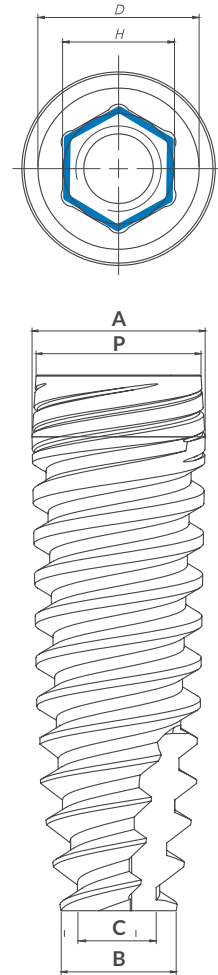
# ICE™

**A Classical Implant  
for Controlled Bone Penetration**

# ICE A Classical Implant for Controlled Bone Penetration



Diameter	Length	Ref. No.	Dimensions				
			A	B	C	D	H
 <b>Ø 3.7N</b>	10 mm	1000	Ø 3.75	Ø 2.2	Ø 1	Ø 3.5	Ø 3.7
	11.5 mm	1001	Ø 3.75	Ø 2.2	Ø 1	Ø 3.5	Ø 3.7
	13 mm	1003	Ø 3.75	Ø 2.2	Ø 1	Ø 3.5	Ø 3.7
 <b>Ø 3.75</b>	8 mm	1018	Ø 3.75	Ø 2.6	Ø 1.6	Ø 3.5	Ø 3.75
	10 mm	1010	Ø 3.75	Ø 2.6	Ø 1.6	Ø 3.5	Ø 3.75
	11.5 mm	1011	Ø 3.75	Ø 2.6	Ø 1.6	Ø 3.5	Ø 3.75
	13 mm	1013	Ø 3.75	Ø 2.6	Ø 1.6	Ø 3.5	Ø 3.75
	16 mm	1016	Ø 3.75	Ø 2.6	Ø 1.6	Ø 3.5	Ø 3.75
 <b>Ø 4.2</b>	6 mm	1056	Ø 4.2	Ø 2.7	Ø 2.7	Ø 3.5	Ø 4.2
	8 mm	1028	Ø 4.2	Ø 2.8	Ø 1.8	Ø 3.5	Ø 4.2
	10 mm	1020	Ø 4.2	Ø 2.8	Ø 1.8	Ø 3.5	Ø 4
	11.5 mm	1021	Ø 4.2	Ø 2.8	Ø 1.8	Ø 3.5	Ø 4
	13 mm	1023	Ø 4.2	Ø 2.8	Ø 1.8	Ø 3.5	Ø 4
	16 mm	1026	Ø 4.2	Ø 2.8	Ø 1.8	Ø 3.5	Ø 4
 <b>Ø 4.65</b>	6 mm	1036	Ø 4.65	Ø 2.9	Ø 2.9	Ø 3.5	Ø 4.65
	8 mm	1038	Ø 4.65	Ø 3	Ø 2	Ø 3.5	Ø 4.65
	10 mm	1030	Ø 4.65	Ø 3	Ø 2	Ø 3.5	Ø 4.45
	11.5 mm	1031	Ø 4.65	Ø 3	Ø 2	Ø 3.5	Ø 4.45
	13 mm	1033	Ø 4.65	Ø 3	Ø 2	Ø 3.5	Ø 4.45
 <b>Ø 5.3</b>	6 mm	1046	Ø 5.3	Ø 3.8	Ø 3.8	Ø 3.5	Ø 5.3
	8 mm	1048	Ø 5.3	Ø 3.45	Ø 2.45	Ø 3.5	Ø 5.3
	10 mm	1040	Ø 5.3	Ø 3.45	Ø 2.45	Ø 3.5	Ø 5.1
	11.5 mm	1041	Ø 5.3	Ø 3.45	Ø 2.45	Ø 3.5	Ø 5.1
	13 mm	1043	Ø 5.3	Ø 3.45	Ø 2.45	Ø 3.5	Ø 5.1



For Internal Hex Connection (IH) prosthetic solutions, see pages 86-103

# ICE A Classical Implant for Controlled Bone Penetration

## STEP DRILLING SEQUENCE

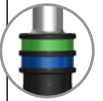
Ø 3.7N

Bone Type IV		Bone Type II & III			Bone Type I			
Ø2.0	Ø2.0/Ø2.4	Ø2.0	Ø2.4/Ø2.8	Ø2.8/Ø3.2	Ø2.0	Ø2.4/Ø2.8	Ø2.8/Ø3.2	Ø3.2/Ø3.65 Cortical*



Ø 3.75

Bone Type IV		Bone Type II & III			Bone Type I			
Ø2.0	Ø2.4/Ø2.8	Ø2.0	Ø2.4/Ø2.8	Ø2.8/Ø3.2	Ø2.0	Ø2.4/Ø2.8	Ø2.8/Ø3.2	Ø3.2/Ø3.65 Cortical*



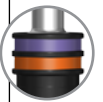
Ø 4.2

Bone Type IV			Bone Type II & III			Bone Type I			
Ø2.0	Ø2.4/Ø2.8	Ø2.8/Ø3.2	Ø2.0	Ø2.4/Ø2.8	Ø3.2/Ø3.65	Ø2.0	Ø2.4/Ø2.8	Ø3.2/Ø3.65	Ø3.65/Ø4.1 Cortical*



Ø 4.65

Bone Type IV			Bone Type II & III				Bone Type I				
Ø2.0	Ø2.4 / Ø2.8	Ø3.2 / Ø3.65	Ø2.0	Ø2.4 / Ø2.8	Ø3.2 / Ø3.65	Ø3.65 / Ø4.1	Ø2.0	Ø2.4 / Ø2.8	Ø3.2 / Ø3.65	Ø3.65 / Ø4.1	Ø4.1 / Ø4.5 Cortical*



Ø 5.3

Bone Type IV				Bone Type II & III					Bone Type I					
Ø2.0	Ø2.4 / Ø2.8	Ø3.2 / Ø3.65	Ø3.65 / Ø4.1	Ø2.0	Ø2.4 / Ø2.8	Ø3.2 / Ø3.65	Ø3.65 / Ø4.1	Ø4.5 / Ø4.8	Ø2.0	Ø2.4 / Ø2.8	Ø3.2 / Ø3.65	Ø3.65 / Ø4.1	Ø4.5 / Ø4.8	Ø4.8 / Ø5.2 Cortical*



\* **Cortical** – Drill through cortical plate.

# ICE A Classical Implant for Controlled Bone Penetration

## STRAIGHT DRILLING SEQUENCE

Ø 3.7N

Bone Type IV		Bone Type II & III			Bone Type I			
Ø2.0	Ø2.4**	Ø2.0	Ø2.8	Ø3.2**	Ø2.0	Ø2.8	Ø3.2**	Ø3.65 Cortical*



Ø 3.75

Bone Type IV			Bone Type II & III			Bone Type I			
Ø2.0	Ø2.4	Ø2.8**	Ø2.0	Ø2.8	Ø3.2**	Ø2.0	Ø2.8	Ø3.2**	Ø3.65 Cortical*



Ø 4.2

Bone Type IV			Bone Type II & III				Bone Type I				
Ø2.0	Ø2.8	Ø3.2**	Ø2.0	Ø2.8	Ø3.2	Ø3.65**	Ø2.0	Ø2.8	Ø3.2	Ø3.65**	Ø4.1 Cortical*



Ø 4.65

Bone Type IV				Bone Type II & III				
Ø2.0	Ø2.8	Ø3.2	Ø3.65**	Ø2.0	Ø2.8	Ø3.2	Ø3.65	Ø4.1**

Bone Type I						
Ø2.0	Ø2.8	Ø3.2	Ø3.65	Ø4.1**	Ø4.5 Cortical*	



Ø 5.3

Bone Type IV					Bone Type II & III						
Ø2.0	Ø2.8	Ø3.2	Ø3.65	Ø4.1**	Ø2.0	Ø2.8	Ø3.2	Ø3.65	Ø4.1	Ø4.5	Ø4.8**

Bone Type I							
Ø2.0	Ø2.8	Ø3.2	Ø3.65	Ø4.1	Ø4.5	Ø4.8**	Ø5.2 Cortical*



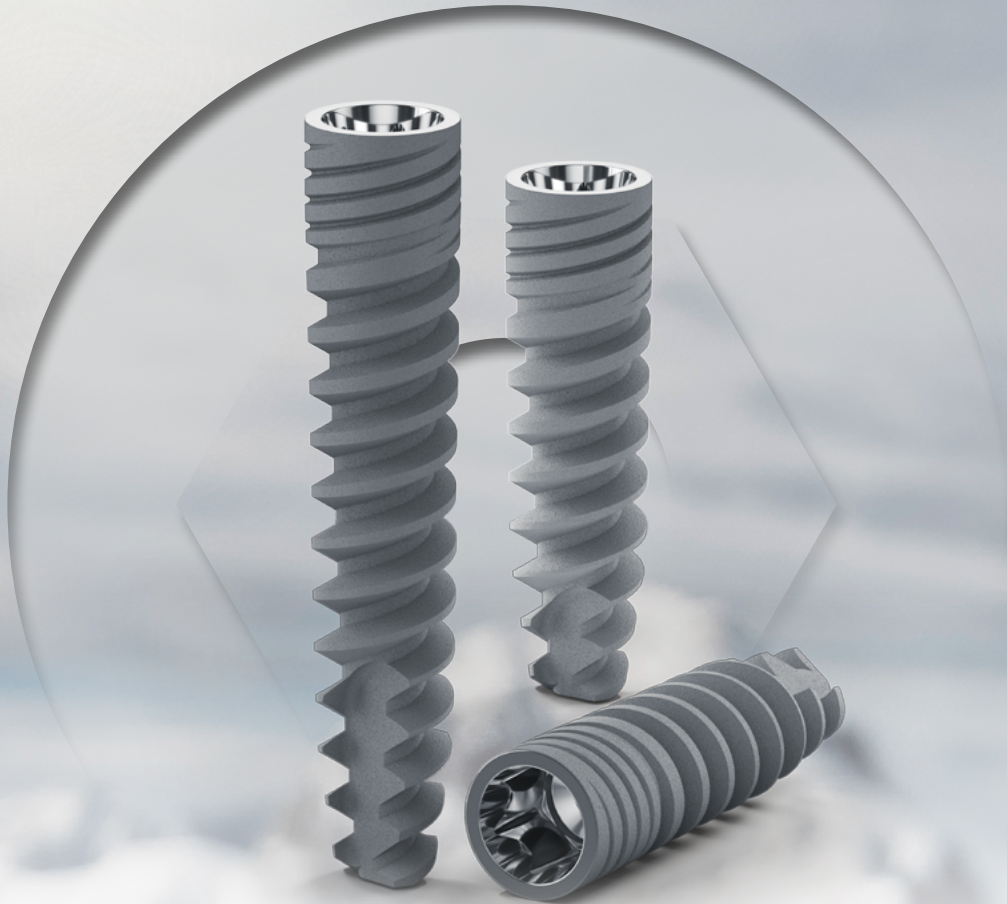
\* **Cortical** – Drill through cortical plate.

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

**Important:** Professional discretion is advised for adaptations of the drilling sequence in different clinical cases.

# NICE™

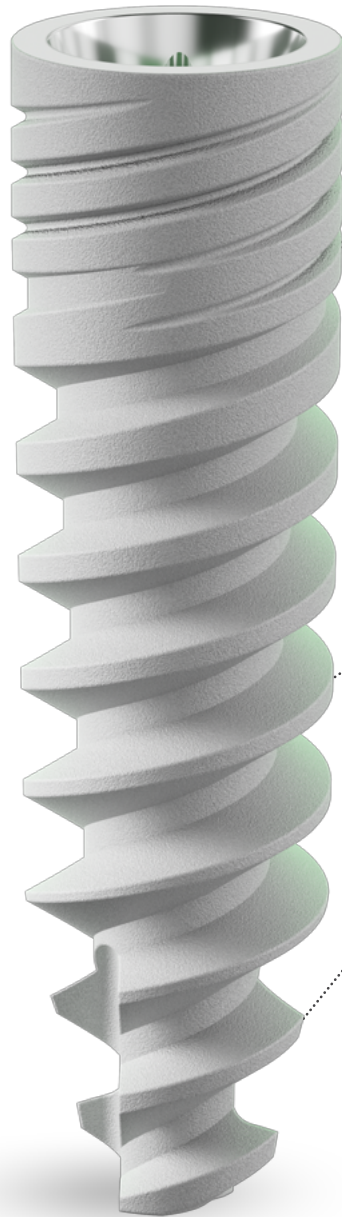
## An Ultimate Solution for Narrow Ridges



The NICE implant is a moderately tapered  $\varnothing$  3.2 implant with a conical connection, suitable for implantation in narrow ridges & limited Space.

A comprehensive Conical Narrow Connection prosthetic line is available for NICE implants:





### MICRO THREADS

- Increased surface area
- Reduced marginal bone loss
- Immediate & long-term esthetic results

### MODERATELY TAPERED BODY AND CORE

- Smooth & controlled insertion

### TAPERED APEX WITH SHARP & DEEP THREADS

- Easy & controlled insertion
- High primary stability



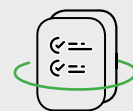
Controlled bone penetration



Good primary stability

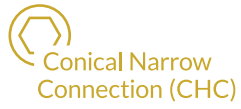


Improved stress distribution

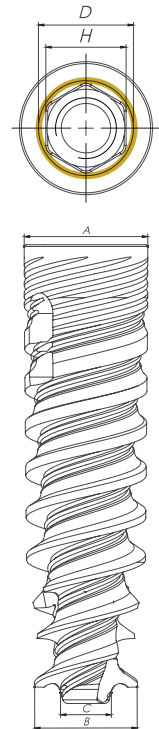


Supports wide range of clinical cases

# NICE An Ultimate Solution for Narrow Ridges



Diameter	Length	Ref. No	Dimensions				
			A	B	C	D	H
 <b>Ø 3.2</b>	8 mm	1068	Ø 3.2	Ø 2.2	Ø 1.1	Ø 2.5	2.1
	10 mm	1060	Ø 3.2	Ø 2.0	Ø 1.1	Ø 2.5	2.1
	11.5 mm	1061	Ø 3.2	Ø 2.0	Ø 1.1	Ø 2.5	2.1
	13 mm	1063	Ø 3.2	Ø 2.0	Ø 1.1	Ø 2.5	2.1
	16 mm	1066	Ø 3.2	Ø 2.0	Ø 1.1	Ø 2.5	2.1



For **Conical Narrow Connection (CHC)** prosthetic solutions, see pages 71-85

## STRAIGHT DRILLING SEQUENCE



Bone Type IV	Bone Type II & III			Bone Type I		
Ø2.0 	Ø2.0 	Ø2.8 	* 	Ø2.0 	Ø2.8 	Ø3.0** 

\* In cases of thick cortical layer use 3.0 mm drill only through the cortex.

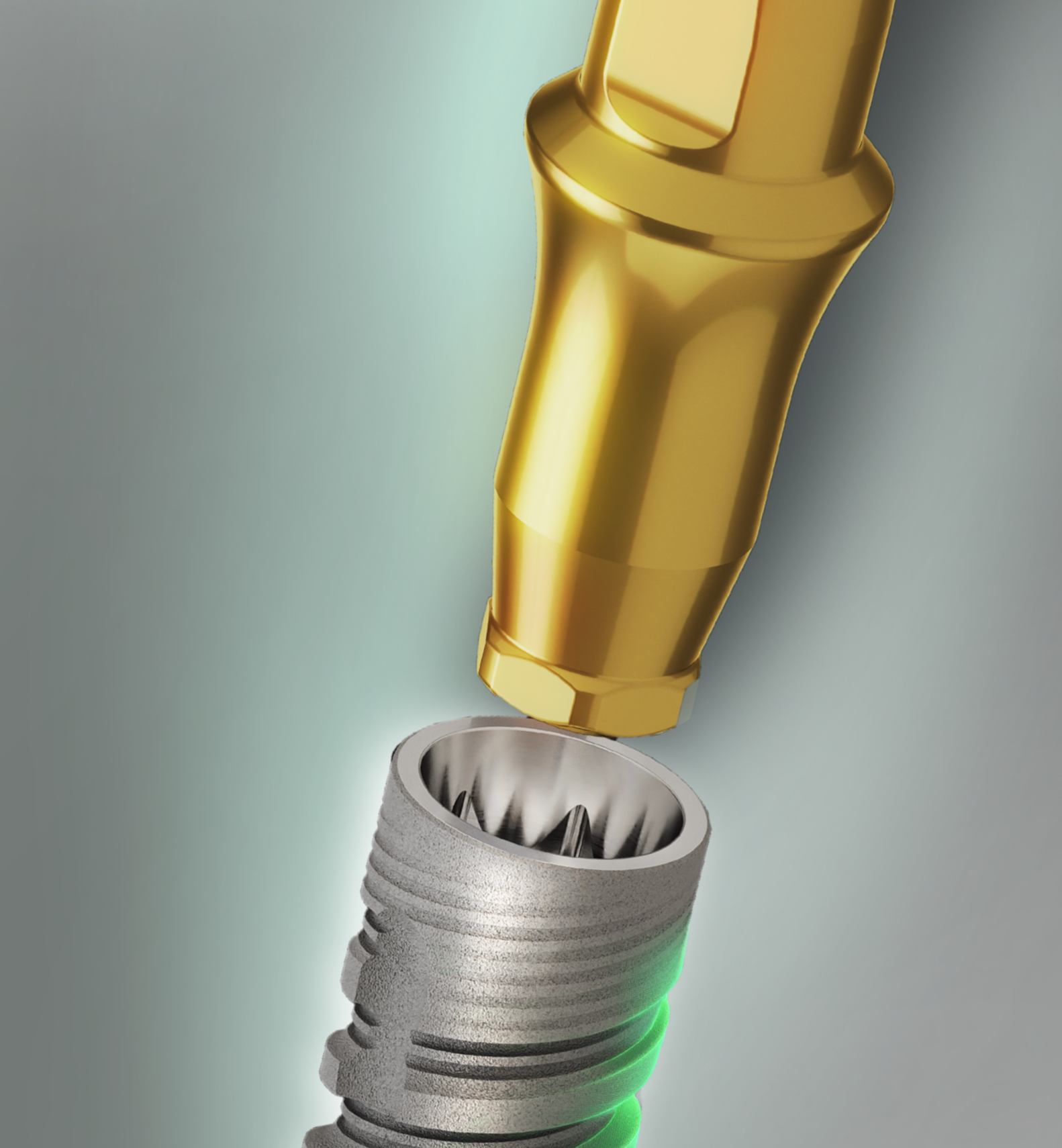
\*\* 3 mm shorter than implant's length.

**Important:** Professional discretion is advised for adaptations of the drilling sequence in different clinical cases.



# PROSTHETIC SOLUTIONS

**DURABILITY, FLEXIBILITY, PERFORMANCE  
& ESTHETICS**



**Alpha-Bio Tec. Implant-Abutment conical connections:**

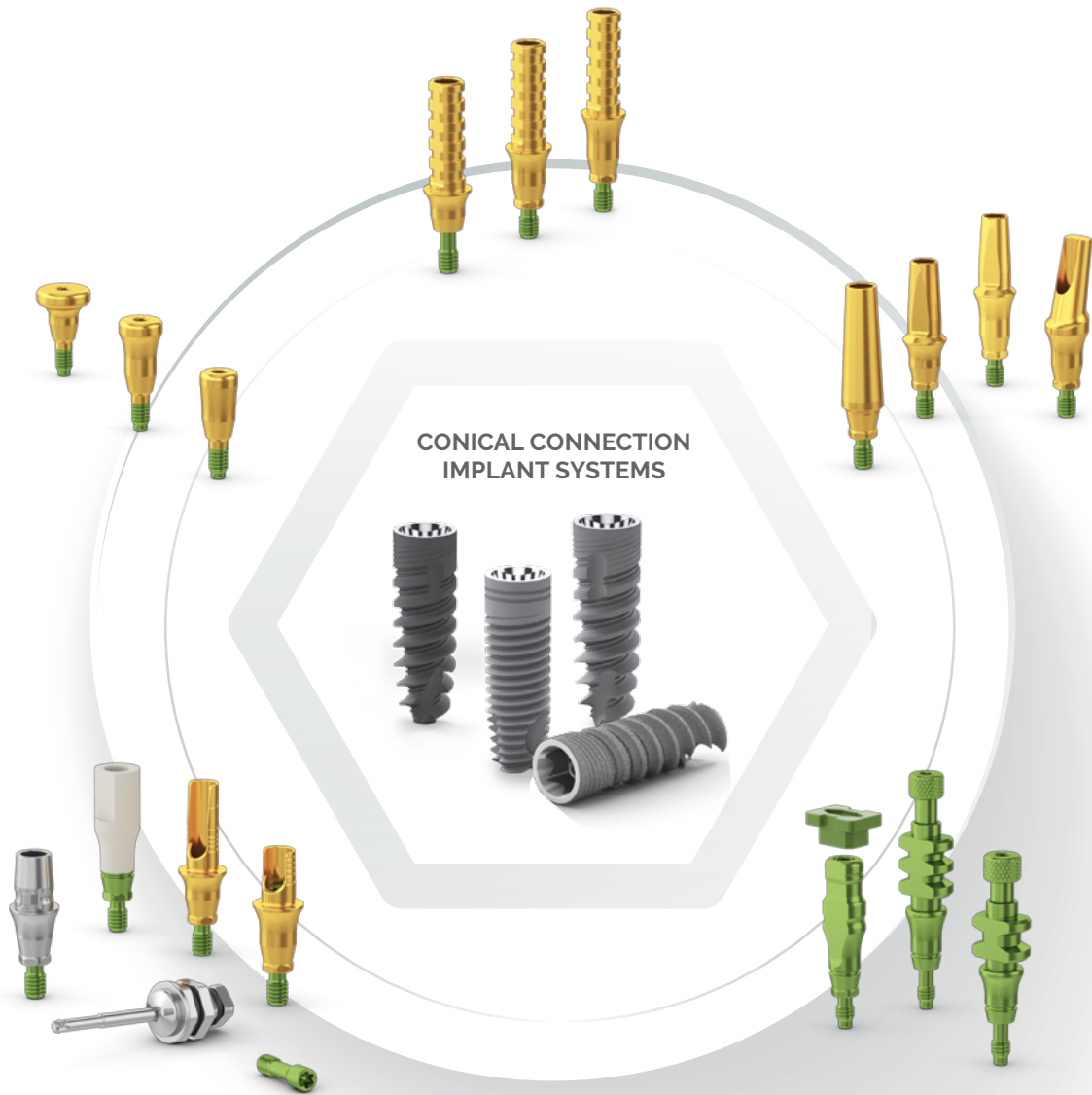


**Conical Standard Connection**  
**CS**

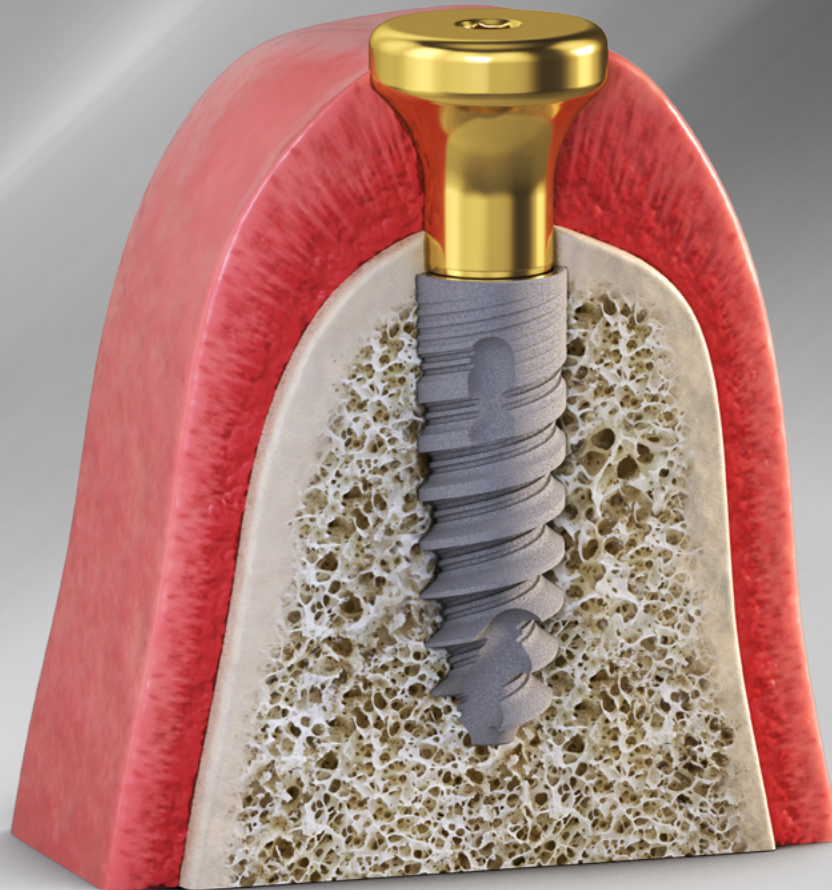


**Conical Narrow Connection**  
**CHC**





**END-TO-END CONICAL CONNECTION  
SOLUTION FOR PREDICTABLE  
AND ESTHETIC RESULTS**



## PROSTHETIC SOLUTIONS ENGINEERED HARMONY, CONICAL SYNERGY

The ConiPro complete prosthetic system is designed for optimal soft tissue management & high esthetics. The system includes healing abutments, open and closed tray transfers, temporary & cement retained abutments & CAD/CAM components.



New concave emergence profile & gold anodization



A wide range of gingival heights with shared emergence profile



Designed for subcrestal implant placement

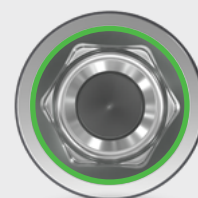


Comprehensive restoration process with high esthetic results



Conical Standard Connection  
**PROSTHETIC LINE**

**CS**



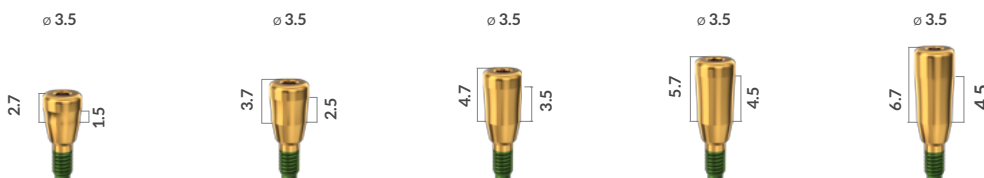
# HEALING ABUTMENTS

## DESIGN FEATURES

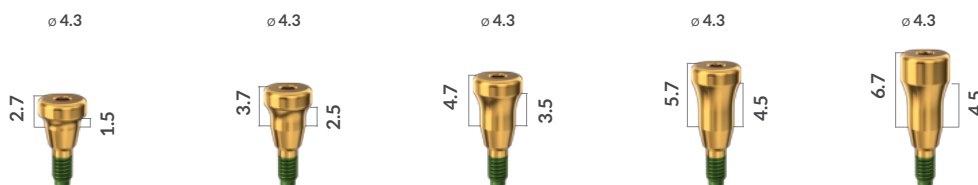
- New concave emergence profile
- Gold anodized
- A wide range of gingival heights
- Laser marking on top of the healing abutments (except for  $\varnothing 3.5$ ) to ensure easy identification of height and diameter



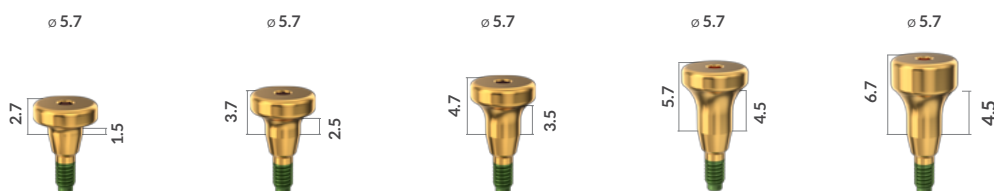
MANUAL  
TIGHTENING  
10 NCM



Code	HA-D3.5-1.5CS	HA-D3.5-2.5CS	HA-D3.5-3.5CS	HA-D3.5-4.5CS	HA-D3.5-5.5CS
Ref. No.	3931	3932	3933	3934	3935



Code	HA-D4.3-1.5CS	HA-D4.3-2.5CS	HA-D4.3-3.5CS	HA-D4.3-4.5CS	HA-D4.3-5.5CS
Ref. No.	3941	3942	3943	3944	3945



Code	HA-D5.7-1.5CS	HA-D5.7-2.5CS	HA-D5.7-3.5CS	HA-D5.7-4.5CS	HA-D5.7-5.5CS
Ref. No.	3951	3952	3953	3954	3955

## TECHNICAL INFORMATION:

**Material:** Titanium

**Recommended Tightening Torque:** Manual tightening

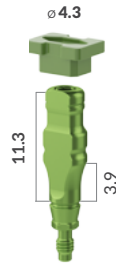
**Required Drivers:** 1.25mm prosthetic hex drivers (see page 114)

## DESIGN FEATURES

- New concave emergence profile
- New and improved design for ease of use
- Marking groove for accurate placement and positioning

### CLOSE TRAY TRANSFER

MANUAL  
TIGHTENING  
10 NCM

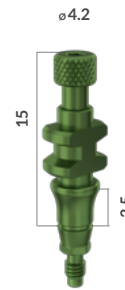
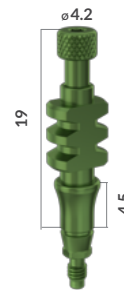
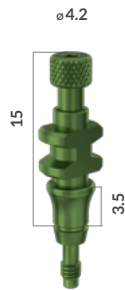
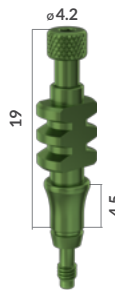


\* 10 units  
per package



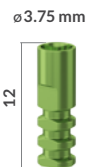
Code	NSCTT-CS	TLACAP_10
Ref. No.	3961	3910

### OPEN TRAY TRANSFERS



Code	LOTT-R-CS	SOTT-R-CS	LOTT-AR-CS	SOTT-AR-CS
Ref. No.	3963 ○	3964 ○	3965 ○	3966 ○

### ANALOG



### TITANIUM SCREWS



Code	IA-CS	STLA-CS	RS
Ref. No.	3459	3510	5110
Instructions	For plaster model	Replacement screw	Retrieval screw

### TECHNICAL INFORMATION:

**Material:** Titanium

**Recommended Tightening Torque:** Manual tightening

**Required Drivers:** 1.25mm prosthetic hex drivers (see page 114)

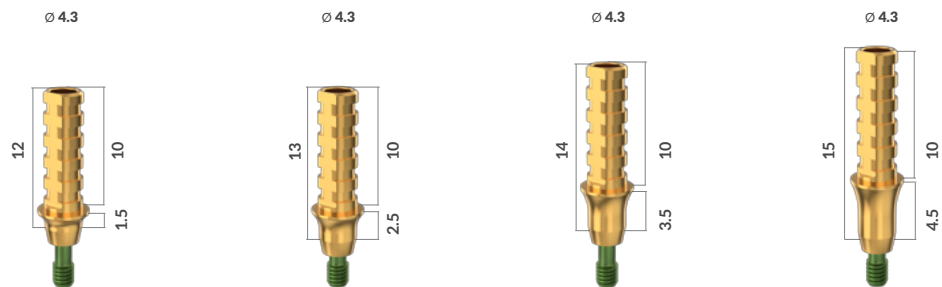
# TEMPORARY ABUTMENTS

## DESIGN FEATURES

- New concave emergence profile
- Deep grooves
- Gold anodized

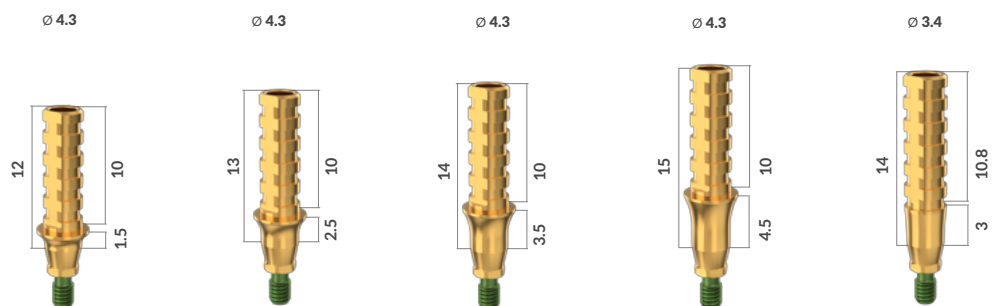
30  
NCM

### NON-ENGAGED



Code	TA-1.5-R-CS	TA-2.5-R-CS	TA-3.5-R-CS	TA-4.5-R-CS
Ref. No.	3901 ○	3902 ○	3903 ○	3904 ○

### ENGAGED



Code	TA-1.5-AR-CS	TA-2.5-AR-CS	TA-3.5-AR-CS	TA-4.5-AR-CS	TA-3N-R-CS
Ref. No.	3911 ○	3912 ○	3913 ○	3914 ○	3915 ○

## TECHNICAL INFORMATION:

Material: Titanium

Recommended Tightening Torque: 30NCM

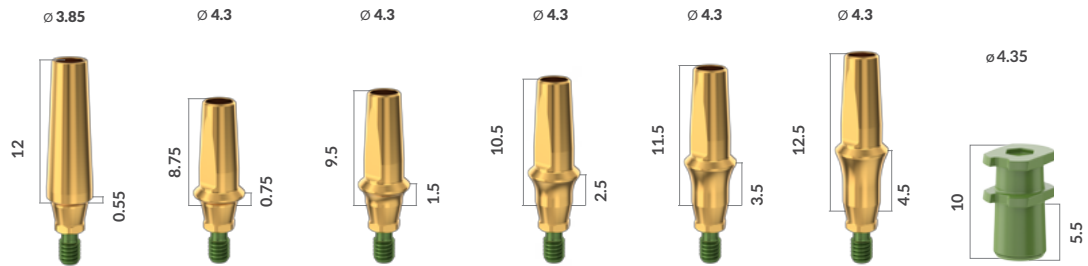
Required Drivers: 1.25mm prosthetic hex drivers (see page 114)

## DESIGN FEATURES

- New concave emergence profile
- A range of gingival heights
- Gold anodized

## STRAIGHT ABUTMENTS

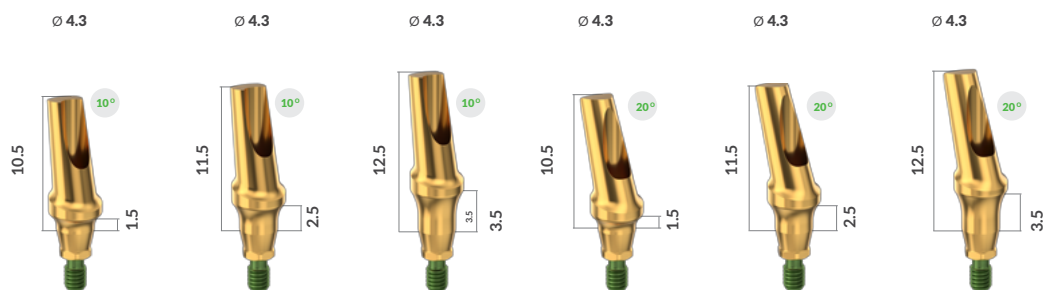
30 NCM



Code	TLA-L-CS	TLA-0.75-CS	TLA-1.5-CS	TLA-2.5-CS	TLA-3.5-CS	TLA-4.5-CS	TLASP_CS
Ref. No.	3926	3920	3921	3922	3923	3924	3925

\*The TLASP-CS plastic transfer is suitable for the following TLA-CS abutments: 3920, 3921, 3922, 3923, and 3924. For the abutment level impression workflow see page 92

## ANGLED ABUTMENTS



Code	NTLA10-H1.5CS	NTLA10-H2.5CS	NTLA10-H3.5CS	NTLA20-H1.5CS	NTLA20-H2.5CS	NTLA20-H3.5CS
Ref. No.	3971	3972	3973	3981	3982	3983

## TECHNICAL INFORMATION:

**Material:** Titanium

**Recommended Tightening Torque:** 30NCM

**Required Drivers:** 1.25mm prosthetic hex drivers (see page 114)

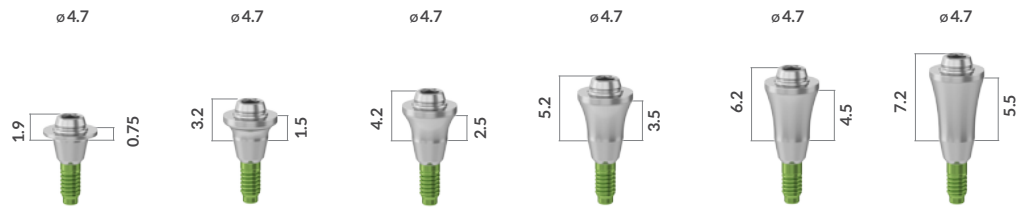
- For the abutment-level impression workflow, see page 91

# SCREW-RETAINED RESTORATIONS

30  
NCM

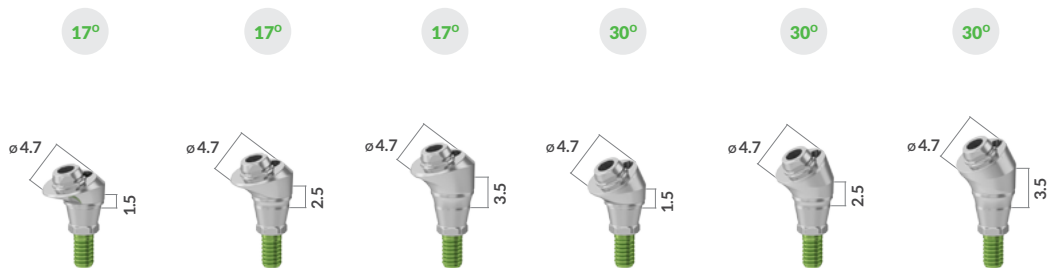
## Multi-Unit Abutment System

### STRAIGHT MULTI-UNIT ABUTMENTS



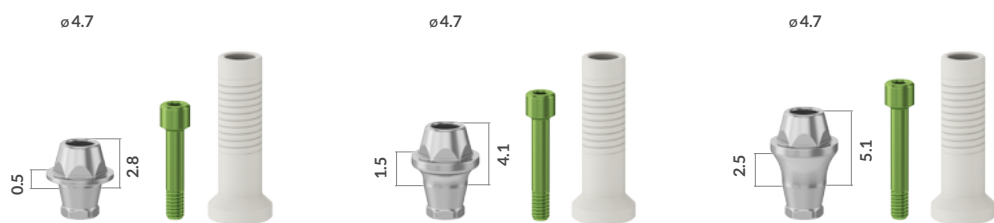
Code	TCT 0.75-CS	TCT 1.5-CS	TCT 2.5-CS	TCT 3.5-CS	TCT 4.5-CS	TCT 5.5-CS
Ref. No.	3870	3871	3872	3873	3874	3875

### ANGLED MULTI-UNIT ABUTMENTS



Code	AU17-1.5-CS	AU17-2.5-CS	AU17-3.5-CS	AU30-1.5-CS	AU30-2.5-CS	AU30-3.5-CS
Ref. No.	3862	3863	3864	3867	3868	3869

### HBC ABUTMENTS - FOR SINGLE IMPLANT RESTORATION



Code	HBC H0.75 CS	HBC H1.5 CS	HBC H2.5 CS
Ref. No.	3876	3877	3878

# SCREW-RETAINED RESTORATIONS

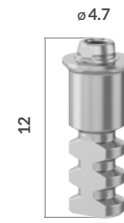


## On Top Components

### BURNOUT SLEEVES



### ANALOG



Code	PST-N-AR	PST-N	BTT-N
Ref. No.	5217 △	5218 ○	5211

\* Includes screw 6093

### OPEN TRAY TRANSFERS

MANUAL TIGHTENING 10 NCM

### CLOSED TRAY TRANSFER

### TEMPORARY ABUTMENT

20 NCM



Code	TST-N	TST-N-R	TS-N	TTA-N
Ref. No.	5231 △	5248 ○	5235	5216*

\* Includes screw 6092

MANUAL TIGHTENING 10 NCM

### PRO HEALING ABUTMENTS

### SCREWS

20 NCM



Code	HCT4-N	HCT6-N	SF-N	SFT-N
Ref. No.	5236	5237	6092	6093

### TECHNICAL INFORMATION:

**Material:** Titanium

#### Recommended Tightening Torque:

- Manually tighten impression transfers & healing abutments
- 30 NCM for straight & angled CS Multi-Unit Abutments & HBC abutments
- 20 NCM for CS Temporary fixture & screws

#### Required Drivers: (see page 114):



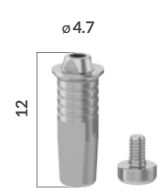

- 1.25mm hex driver for angled multi-units abutments
- 1.5mm hex driver for straight multi-units abutments



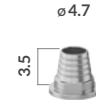
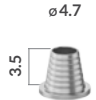

# CAD/CAM RESTORATIONS

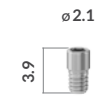
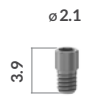
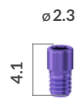
## MULTI-UNIT CAD/CAM COMPONENTS

MANUAL  
TIGHTENING  
10 NCM

DUAL USE SCAN BODIES FOR MULTI-UNITS			ANALOG & INSERTION TOOL	
	ENGAGED	NON-ENGAGED		
				
Code	IOSB-TCT-N	IOSB-TCT-N-R	AN-PM-TCT-N	APMT_IH_CS
Ref. No.	5003 △	3883 ○	5456	5459
Instructions	For single crown restorations with multi-unit angled abutments.	For bridge/bar restorations with multi-unit straight and angled abutments	Multi-Unit/TCT analog for 3D printed model	Insertion tool for analog 3D printed model IH, CS, TCT

20  
NCM

ADHESIVE COPINGS FOR MULTI-UNITS			
	ENGAGED (For single tooth restorations)	NON-ENGAGED (For bar/bridge restorations)	
			
Code	TAC-TCT-N	TAC-TCT-N-R	AC-R-4.5
Ref. No.	5028 △	5029 ○	5039 ○

TITANIUM SCREWS FOR MULTI-UNIT SYSTEM			
			
Code	SF-N	SFT-N	S-DM-SR
Ref. No.	6092	6093	4994
Instructions	Fixation screw for Multi-Unit restoration	Black coated screw for Lab	Direct mounting on metal frame.  Should not be used for full zirconia or ceramic restorations

### TECHNICAL INFORMATION:

**Material:** Dual use scan body - PEEK and titanium | Adhesive copings, analogs & screws- titanium

**Recommended Tightening Torque:** Dual use scan body- manual tightening | Adhesive coping, fixation screw, direct mounting screw- 20 NCM



DUAL USE SCAN BODY		ANALOG	PRE-MILLED BLANKS	
Code	IOSB-LCS	AN-PM-CS	BA-PF-CS	WBA-PF-CS
Ref. No.	3837	3838	3854	3855
Instructions	<ul style="list-style-type: none"> <li>For lab and/or intra-oral use</li> <li>Biocompatible &amp; reusable</li> </ul>	For 3D printed model	For Preface® abutment holder. Screw included	

## TI-BASES

ENGAGED (For single tooth restorations)			NON-ENGAGED (For bar/bridge restorations)			
Code	TB-0.75-AR-CS	TB-1.5-AR-CS	TB-2.5-AR-CS	TB-0.75-R-CS	TB-1.5-R-CS	TB-2.5-R-CS
Ref. No.	3832 ◻	3840 ◻	3842 ◻	3833 ○	3841 ○	3843 ○

### TI-BASES suitable for use with CEREC System (Sirona's L Blocks), 3shape and exocad Libraries

Code	CSTB-CS-SI	SiTB_CS_1.5	SiTB_CS_2.5	SiTB_CS_3.5	CSSP-CS-SI
Ref. No.	3856	5470	5471	5472	3857
Instructions	For scan and/or restoration use				For scanning only with CEREC system

### TECHNICAL INFORMATION:

**Material:** Dual use scan body - PEEK and titanium | Ti-Bases - titanium

**Recommended Tightening Torque:** Dual use scan body - manual tightening | Ti-bases and Pre-milled blanks - 30 NCM

**Required Drivers:** 1.25mm prosthetic hex drivers (see page 114) | For analog Ref. No. 3838, use insertion tool Ref. No. 5459

# OMNIBASE

## Experience Freedom: Flexibility & Esthetics from a New Angle

The Omnibase is a Ti-Base used in CAD/CAM screw-retained restorations, enabling the dental technician the flexibility to design a restoration with a screw access channel at a favorable position & angle (0°-25°), contributing to improved esthetics, greater accessibility in the anterior region & in limited occlusal spaces. Available for standard and narrow conical implant-abutment connections (CS & CHC) in a wide range of gingival heights.

The Omnibase Ti-Bases have a narrow (ø 4.3mm) concave emergence profile & are suitable for cases of subcrestal implant placement.

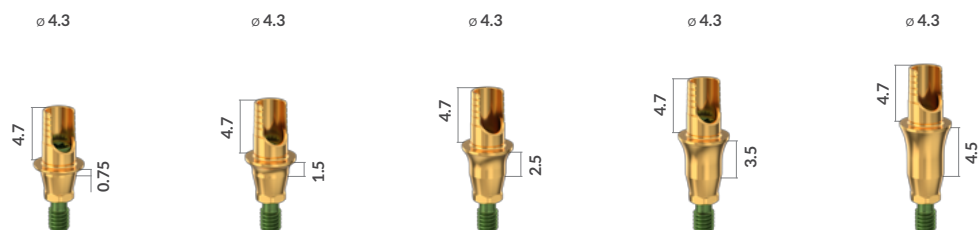


### DESIGN FEATURES & CLINICAL BENEFITS

- Standard & customizable Ti-bases
- A wide range of gingival heights
- Retrievable screw for ease of use & maintenance
- Gold anodized
- High esthetic results

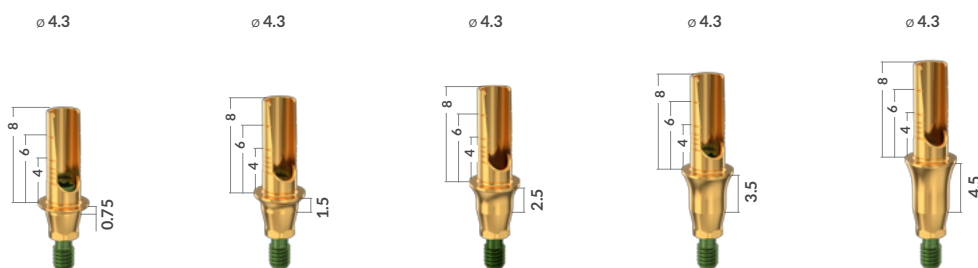
30  
NCM

### STANDARD OMNIBASES



Code	OB4.7-0.75-CS	OB4.7-1.5-CS	OB4.7-2.5-CS	OB4.7-3.5-CS	OB4.7-4.5-CS
Ref. No.	5490	5491	5492	5493	5494

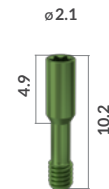
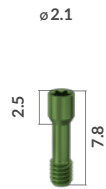
### CUSTOMIZABLE OMNIBASES



Code	OB8-0.75-CS	OB8-1.5-CS	OB8-2.5-CS	OB8-3.5-CS	OB8-4.5-CS
Ref. No.	5480	5481	5482	5483	5484

Experience Freedom: Flexibility & Esthetics from a New Angle

## TX SCREWS



Code	OB-TX-S-CS	OB-TX-L-CS
Ref. No.	5485	5486

The Omnibase product package contains a Ti-Base and a TX screw (TX screws are also sold separately for replacement purposes).

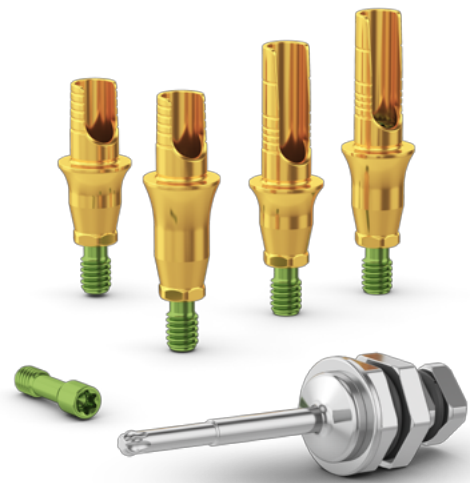
### TECHNICAL INFORMATION:

**Material:** Titanium

**Recommended Tightening Torque:** 30 NCM

**Required Drivers:**

TX Drivers for CS & CHC TX screws / Omnibases, for tightening at 0°-25° (See TX drivers on page 116-117)


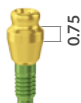



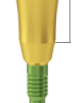


FOR THE OMNIBASE INSTRUCTIONAL GUIDE STEP BY STEP, SCAN THE QR CODE.








# OVERDENTURE RESTORATIONS

## ALPHALOC ABUTMENT SYSTEM







ALPHALOC KIT						
	$\varnothing 3.1$	$\varnothing 3.9$	$\varnothing 3.9$	$\varnothing 3.9$	$\varnothing 3.9$	
						
	Code	AK-0.75 - CS	AK-1.5 - CS	AK-2.5 - CS	AK-3.5 - CS	AK-4.5 - CS
	Ref. No.	3710	3711	3712	3713	3714

Each AlphaLoc kit includes :

AlphaLoc abutment (of the selected gingival height), 1 stainless steel metal housing, 4 retentive caps, 1 block-out spacer, 1 laboratory cap

ALPHALOC PROCESSING PACKAGE		ALPHALOC RETENTIVE CAPS			
					
Code	AMPP	AMSTR	AMSTA	AMSOF	AMESO
Ref. No.	4875	4876	4877	4878	4879
Includes	Stainless steel metal housing, block-out spacer, nylon retentive caps (violet, clear, pink and yellow), laboratory cap (black)	Violet (strong retention)	Clear (standard retention)	Pink (soft retention)	Yellow (extra soft retention)
		Each package contains 4 units of the same colored retentive caps			

## ALPHALOC ACCESSORIES

	LABORATORY CAP (BLACK)	BLOCK OUT SPACER	IMPRESSION COPING	MALE ANALOG	INSERTION TOOL *	EXTRACTION TOOL *
						
Content	4 Units	1 Unit	4 Units	4 Units	1 Unit	1 Unit
Code	AML	ABOS	AIC	AFA	AIT	AET
Ref. No.	4882	4883	4884	4885	4886*	4887*

\* In some markets, a dual-tip single instrument (for cap insertion and extraction) is available for order

## CLASSIC CS HEALING ABUTMENT



Ref. No.	Code	Dimensions
3401	HA-D4-CH1.5-CS	A: Ø 4.0 mm, B: 1.5 mm, C: 3 mm
3402	HA-D4-CH2.5-CS	A: Ø 4.0 mm, B: 2.5 mm, C: 4 mm
3403	HA-D4-CH3.5-CS	A: Ø 4.0 mm, B: 3.5 mm, C: 5 mm
3404	HA-D4-CH4.5-CS	A: Ø 4.0 mm, B: 4.5 mm, C: 6 mm
3405	HA-D4-CH5.5-CS	A: Ø 4.0 mm, B: 5.5 mm, C: 7 mm
3407	HA-4.9-1.5-CS	A: Ø 4.9 mm, B: 1.5 mm, C: 3 mm
3408	HA-4.9-2.5-CS	A: Ø 4.9 mm, B: 2.5 mm, C: 4 mm
3409	HA-4.9-3.5-CS	A: Ø 4.9 mm, B: 3.5 mm, C: 5 mm
3410	HA-4.9-4.5-CS	A: Ø 4.9 mm, B: 4.5 mm, C: 6 mm
3411	HA-4.9-5.5-CS	A: Ø 4.9 mm, B: 5.5 mm, C: 7 mm
3412	HA-D6.2-CH1.5-CS	A: Ø 6.2 mm, B: 1.5 mm, C: 3 mm
3413	HA-D6.2-CH2.5-CS	A: Ø 6.2 mm, B: 2.5 mm, C: 4 mm

## CLASSIC CS IMPLANT IMPRESSION



Ref. No.	Code
3450	SCTT-CS
3451	LCTT-CS
3455	SOTT-CS
3456	LOTT-CS

## CLASSIC CS CEMENT RETAINED RESTORATIONS



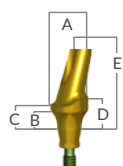
### STRAIGHT ABUTMENT

Ref. No.	Code	Dimensions
3501	TLA-H1.5CS	A: Ø 4.8 mm, B: 1.5 mm, C: 9.5 mm
3502	TLA-H2.5CS	A: Ø 4.8 mm, B: 2.5 mm, C: 10.5 mm
3503	TLA-H3.5CS	A: Ø 4.8 mm, B: 3.5 mm, C: 11.5 mm
3504	TLA-H4.5CS	A: Ø 4.8 mm, B: 4.5 mm, C: 12.5 mm



### SIMPLY CLOSE TRAY PLASTIC TRANSFER

5364	HTLASP	For use with abutments 3501, 3502, 3503, 3504
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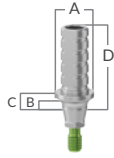




### ANGLED ABUTMENT

3511	TLA15°H1.5CS	A: Ø 4.8 mm, B: 1.5 mm, C: 2 mm, D: 3 mm, E: 10.5 mm
3512	TLA15°H2.5CS	A: Ø 4.8 mm, B: 2.5 mm, C: 3 mm, D: 4 mm, E: 11.5 mm
3514	TLA25°H1.5CS	A: Ø 4.8 mm, B: 1.5 mm, C: 2 mm, D: 3 mm, E: 10.5 mm
3515	TLA25°H2.5CS	A: Ø 4.8 mm, B: 2.5 mm, C: 3 mm, D: 4 mm, E: 11.5 mm

# CLASSIC CS PROSTHETICS

## CLASSIC CS TEMPORARY ABUTMENTS



Ref. No.	Code	Dimensions
3532 	TA-AR-CS	A: Ø 4.7 mm, B: 1.5 mm, C: 2 mm, D: 10 mm
3533 	TA-R-CS	A: Ø 4.7 mm, B: 1.5 mm C: 2 mm, D: 10 mm

### TECHNICAL INFORMATION:

**Material:** Titanium

**Recommended Tightening Torque:**

- Manually tighten healing abutments, transfers & analogs
- 30 NCM for straight, angled & Ti-bases abutments

**Required Drivers:**

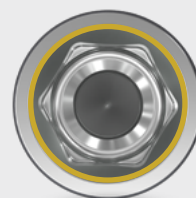
1.25mm prosthetic hex drivers (see page 114)





Conical Narrow Connection  
**PROSTHETIC LINE**

**CHC**



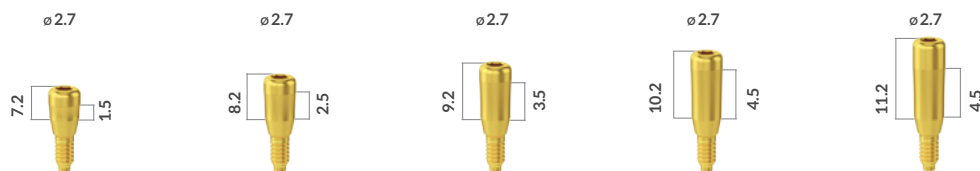
# HEALING ABUTMENTS

## DESIGN FEATURES

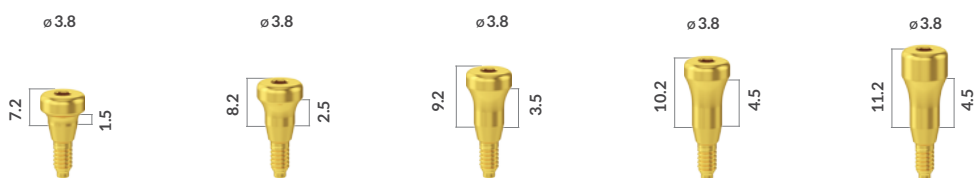
- New narrow concave emergence profile
- Gold anodized
- A wide range of gingival heights
- Laser marking on top of the healing abutments (except for  $\varnothing 2.7$ ) to ensure easy identification of height and diameter



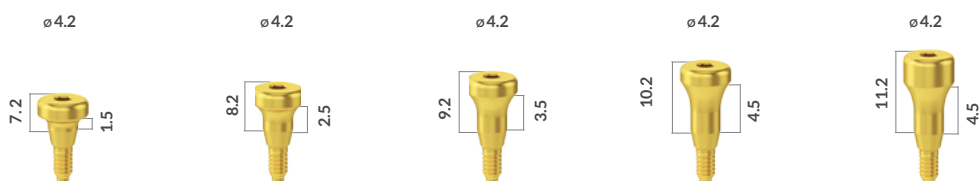
MANUAL  
TIGHTENING  
10 NCM



Code	HA-D2.7-1.5CHC	HA-D2.7-2.5CHC	HA-D2.7-3.5CHC	HA-D2.7-4.5CHC	HA-D2.7-5.5CHC
Ref. No.	3351	3352	3353	3354	3355



Code	HA-D3.8-1.5CHC	HA-D3.8-2.5CHC	HA-D3.8-3.5CHC	HA-D3.8-4.5CHC	HA-D3.8-5.5CHC
Ref. No.	3361	3362	3363	3364	3365



Code	HA-D4.2-1.5CHC	HA-D4.2-2.5CHC	HA-D4.2-3.5CHC	HA-D4.2-4.5CHC	HA-D4.2-5.5CHC
Ref. No.	3341	3342	3343	3344	3345

### TECHNICAL INFORMATION:

**Material:** Titanium

**Recommended Tightening Torque:** Manual tightening


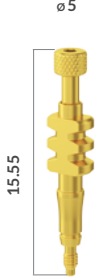
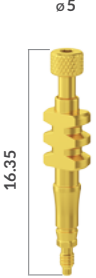
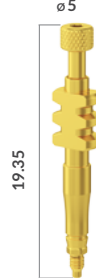




**Required Drivers:** 1.25mm prosthetic hex drivers (see page 114)

## DESIGN FEATURES

- New Narrow Concave emergence profile
- New and improved design for ease of use
- Marking groove for accurate placement and positioning

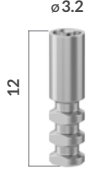
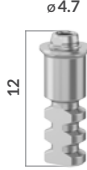
MANUAL  
TIGHTENING  
10 NCM

## IMPLANT IMPRESSION

	CLOSED TRAY TRANSFERS		OPEN TRAY TRANSFERS	
				
Code	NCTT-CHC	SOTT-R-CHC	SOTT-AR-CHC	LOTT-AR-CHC
Ref. No.	3350 	3306 	3308 	3307 

- Screw is included
- Ref. No. 3350 is supplied with a snap cap (as shown on page 59)

## IMPLANT ANALOGS

		
Code	IA-CHC	BTT-N
Ref. No.	7338	5211
Instructions	For Multi-Unit restorations	

## TITANIUM SCREWS

	PROSTHETIC SCREW CHC	RETRIEVAL SCREW CHC
		
Code	STLA_CHC_60_DEG	RS-CHC
Ref. No.	5463	7400

## TECHNICAL INFORMATION:

Material: Titanium

Recommended Tightening Torque: Manual tightening

Required Drivers: 1.25mm prosthetic hex drivers

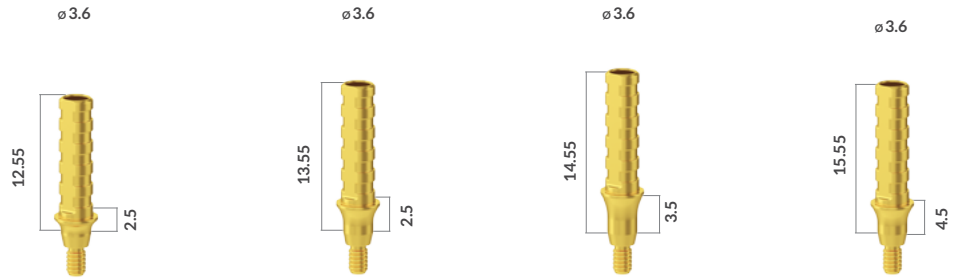
(see page 114)

# TEMPORARY ABUTMENTS

## DESIGN FEATURES

- New narrow concave emergence profile
- Gold anodized
- Deep grooves

20  
NCM



Code	TA-1.5-R-CHC	TA-2.5-R-CHC	TA-3.5-R-CHC	TA-4.5-R-CHC
Ref. No.	3301 ○	3302 ○	3303 ○	3304 ○



Code	TA-1.5-AR-CHC	TA-2.5-AR-CHC	TA-3.5-AR-CHC	TA-4.5-AR-CHC	TA-3N-AR-CHC
Ref. No.	3311 ◻	3312 ◻	3313 ◻	3314 ◻	3309 ◻



### TECHNICAL INFORMATION:

**Material:** Titanium

**Recommended Tightening Torque:** 20NCM

**Required Drivers:** 1.25mm prosthetic hex drivers (see page 114)

## DESIGN FEATURES

- New narrow concave emergence profile
- Gold anodized
- A range of gingival heights

## STRAIGHT ABUTMENTS

20 NCM

Code	TLA-L-CHC	TLA-0.75-CHC	TLA-1.5-CHC	TLA-2.5-CHC	TLA-3.5-CHC	TLA-4.5-CHC	TLASP-CHC*
Ref. No.	3315	3320	3321	3322	3323	3324	3327

\*The TLASP-CHC plastic transfer is suitable for the following TLA-CHC abutments: 3320, 3321, 2211, 3323, and 3324. For the abutment level impression workflow see page 92

## ANGLED ABUTMENTS

Code	NTLA10_H1.5-CHC	NTLA10_H2.5-CHC	NTLA10_H3.5-CHC	NTLA20-H1.5-CHC	NTLA20-H2.5-CHC	NTLA20-H3.5-CHC
Ref. No.	3381	3382	3383	3371	3372	3373



## TECHNICAL INFORMATION:

**Material:** Titanium

**Recommended Tightening Torque:** 20NCM

**Required Drivers:** 1.25mm prosthetic hex drivers (see page 114)

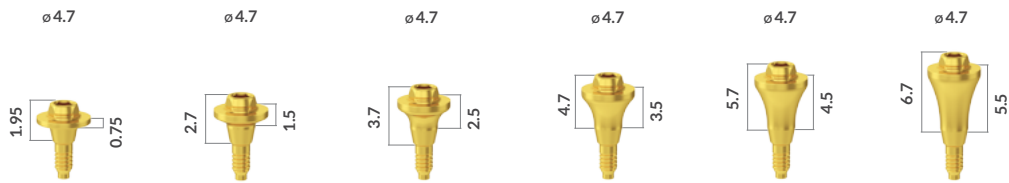
- For the abutment-level impression workflow, see page 91

# SCREW-RETAINED RESTORATIONS

Multi-Unit Abutment System

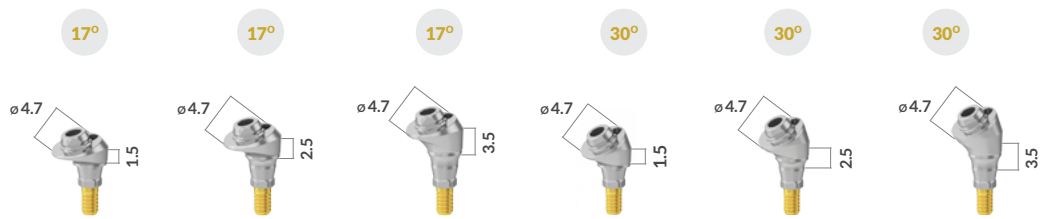
20  
NCM

## STRAIGHT MULTI-UNIT ABUTMENTS



Code	TCT-N 0.75 CHC	TCT-N 1.5 CHC	TCT-N 2.5 CHC	TCT-N 3.5 CHC	TCT-N 4.5 CHC	TCT-N 5.5 CHC
Ref. No.	5242	5243	5244	5245	5246	5247

## ANGLED MULTI-UNIT ABUTMENTS



Code	AU 17-1.5 CHC	AU 17-2.5 CHC	AU 17-3.5 CHC	AU 30-1.5 CHC	AU 30-2.5 CHC	AU 30-3.5 CHC
Ref. No.	7482	7483	7484	7487	7488	7489

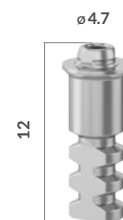


## On Top Components

### BURNOUT SLEEVES



### ANALOG



Code	PST-N-AR	PST-N	BTT-N
Ref. No.	5217	5218	5211

\* Includes screw 6093

### OPEN TRAY TRANSFERS

MANUAL TIGHTENING 10 NCM

### CLOSED TRAY TRANSFER

### TEMPORARY ABUTMENT



20 NCM

Code	TST-N	TST-N-R	TS-N	TTA-N
Ref. No.	5231	5248	5235	5216*

\* Includes screw 6092

MANUAL TIGHTENING 10 NCM

### PRO HEALING ABUTMENTS

### SCREWS



20 NCM

Code	HCT4-N	HCT6-N	SF-N	SFT-N
Ref. No.	5236	5237	6092	6093

#### TECHNICAL INFORMATION:

**Material:** Titanium

#### Recommended Tightening Torque:

- Manually tighten impression transfers & healing abutments
- 20 NCM for straight & angled CHC Multi-Unit Abutments
- 20 NCM for CHC Temporary fixture & screws

#### Required Drivers (see page 114):

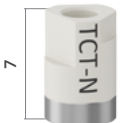



- 1.25mm prosthetic hex drivers for multi-unit angled abutments
- 1.5mm prosthetic hex drivers for multi-unit straight abutments



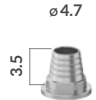
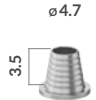

# CAD/CAM RESTORATIONS


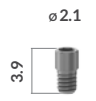
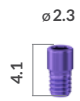
MANUAL  
TIGHTENING  
10 NCM

## MULTI-UNIT CAD/CAM COMPONENTS

DUAL USE SCAN BODIES FOR MULTI-UNITS			ANALOG & INSERTION TOOL	
	ENGAGED	NON-ENGAGED		
				
Code	IOSB-TCT-N	IOSB-TCT-N-R	AN-PM-TCT-N	APMT_IH_CS
Ref. No.	5003 $\triangle$	3883 $\circ$	5456	5459
Instructions	For single crown restorations with multi-unit angled abutments.	For bridge/bar restorations with multi-unit straight and angled abutments	Multi-Unit/TCT analog for 3D printed model	Insertion tool for analog 3D printed model IH, CS, TCT

20  
NCM

ADHESIVE COPINGS FOR MULTI-UNITS			
	ENGAGED (For single tooth restorations)	NON-ENGAGED (For bar/bridge restorations)	
			
Code	TAC-TCT-N	TAC-TCT-N-R	AC-R-4.5
Ref. No.	5028 $\triangle$	5029 $\circ$	5039 $\circ$

TITANIUM SCREWS FOR MULTI-UNIT SYSTEM			
			
Code	SF-N	SFT-N	S-DM-SR
Ref. No.	6092	6093	4994
Instructions	Fixation screw for Multi-Unit restoration	Black coated screw for Lab	Direct mounting on metal frame. Should not be used for full zirconia or ceramic restorations

### TECHNICAL INFORMATION:

**Material:** Dual use scan body - PEEK and titanium | Adhesive copings, analogs & screws- titanium

**Recommended Tightening Torque:** Dual use scan body- manual tightening | Adhesive coping, fixation screw, direct mounting screw- 20 NCM

	DUAL USE SCAN BODY	ANALOG & INSERTION TOOL		PRE-MILLED BLANK
	<p>MANUAL TIGHTENING 10 NCM</p>			<p>20 NCM</p>
Code	SB-CHC	AN-PM-CHC	APMT_CHC	BA-PF-CHC
Ref. No.	5021	5458	5460	4990
Instructions	<ul style="list-style-type: none"> <li>For lab and/or intra-oral use</li> <li>Biocompatible &amp; reusable</li> </ul>	CHC analog for 3D printed model	Insertion tool for 3D printed model CHC	For Preface® abutment holder

## TI-BASES

20 NCM

	ENGAGED (For single tooth restorations)			NON-ENGAGED (For bar/bridge restorations)		
Code	CCTB-0.75-AR-CHC	CCTB-1.5-AR-CHC	CCTB-2.5-AR-CHC	CCTB-0.75-R-CHC	CCTB-1.5-R-CHC	CCTB-2.5-R-CHC
Ref. No.	5450 ◻	5451 ◻	5452 ◻	5453 ○	5454 ○	5455 ○

## TI-BASES suitable for use with CEREC System (Sirona's L Blocks), 3shape and Exocad Libraries

Code	CCTB-CHC-SI	SiTB_CHC_1.5	SiTB_CHC_2.5	SiTB_CHC_3.5	CCSP-CHC-SI
Ref. No.	4982	5467	5468	5469	4985
Instructions	For scan and/or restoration use <ul style="list-style-type: none"> <li>Use replacement screw Ref. No. 7345 for Ti-Base Ref No. 4982.</li> <li>Use replacement screw Ref. No. 5463 for Ti-Bases Ref. No. 5467, 5468 &amp; 5469.</li> </ul>				For scanning only with CEREC system

### TECHNICAL INFORMATION:

**Material:** Dual use scan body - PEEK and titanium | Ti-Bases - titanium

**Recommended Tightening Torque:** Dual use scan body - manual tightening | Ti-bases and Pre-milled blanks - 20 NCM

**Required Drivers:** 1.25mm prosthetic hex drivers (see page 114)

# OMNIBASE

## Experience Freedom: Flexibility & Esthetics from a New Angle

The Omnibase is a Ti-Base used in CAD/CAM screw-retained restorations, enabling the dental technician the flexibility to design a restoration with a screw access channel at a favorable position & angle (0°-25°), contributing to improved esthetics, greater accessibility in the anterior region & in limited occlusal spaces. Available for standard and narrow conical implant-abutment connections (CS & CHC) in a wide range of gingival heights.

The Omnibase Ti-Bases have a narrow (ø 3.8mm) concave emergence profile & are suitable for cases of subcrestal implant placement.

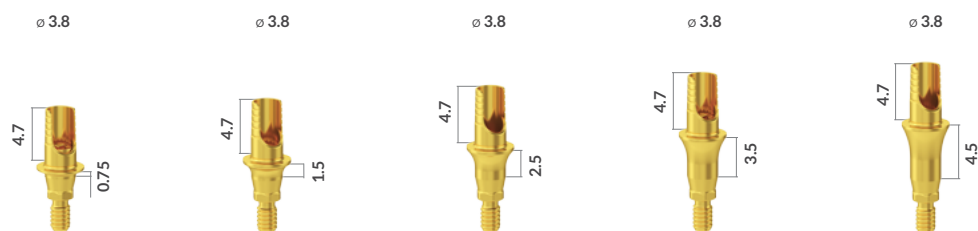


### DESIGN FEATURES & CLINICAL BENEFITS

- Standard & customizable Ti-bases
- A wide range of gingival heights
- Retrievable screw for ease of use & maintenance
- Gold anodized
- High esthetic results

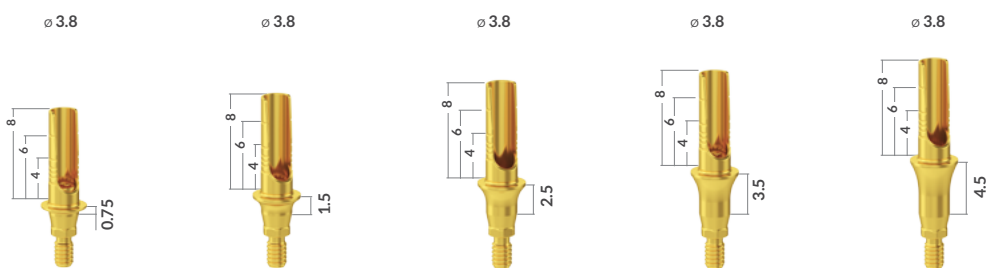
20  
NCM

### STANDARD OMNIBASES



Code	OB4.7-0.75-CHC	OB4.7-1.5-CHC	OB4.7-2.5-CHC	OB4.7-3.5-CHC	OB4.7-4.5-CHC
Ref. No.	5530	5531	5532	5533	5534

### CUSTOMIZABLE OMNIBASES

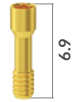


Code	OB8-0.75-CHC	OB8-1.5-CHC	OB8-2.5-CHC	OB8-3.5-CHC	OB8-4.5-CHC
Ref. No.	5540	5541	5542	5543	5544

Experience Freedom: Flexibility & Esthetics from a New Angle

## TX SCREWS

ø 1.9



ø 1.9



Code	OB-TX-S-CHC	OB-TX-L-CHC
Ref. No.	5507	5501

The Omnibase product package contains a Ti-Base and a TX screw (TX screws are also sold separately for replacement purposes).

### TECHNICAL INFORMATION:

**Material:** Titanium

**Recommended Tightening Torque:** 20 NCM

#### Required Drivers:

TX Drivers for CS & CHC TX screws / Omnibases, for tightening at 0°-25° (See TX drivers on page 116-117)

FOR THE OMNIBASE INSTRUCTIONAL GUIDE STEP BY STEP, SCAN THE QR CODE.

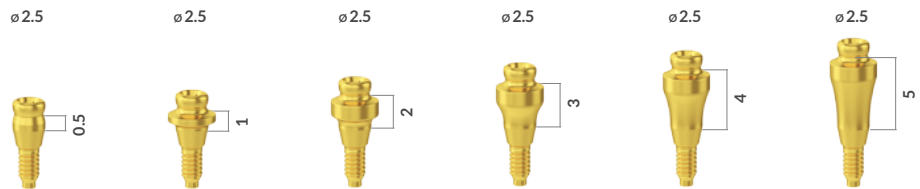


# OVERDENTURE RESTORATIONS

## ALPHALOC ABUTMENT SYSTEM

20  
NCM

### ALPHALOC KIT



Code	AK0.5-C-CHC	AK1-C-CHC	AK2-C-CHC	AK3-C-CHC	AK4-C-CHC	AK5-C-CHC
Ref. No.	7470	7471	7472	7473	7474	7475

Each AlphaLoc kit includes :

AlphaLoc abutment (of the selected gingival height), 1 stainless steel metal housing, 4 retentive caps, 1 block-out spacer, 1 laboratory cap 1

### ALPHALOC PROCESSING PACKAGE

### ALPHALOC RETENTIVE CAPS



Code	AMPP	AMSTR	AMSTA	AMSOF	AMESO
Ref. No.	4875	4876	4877	4878	4879
Includes	Stainless steel metal housing, block-out spacer, nylon retentive caps (violet, clear, pink and yellow), laboratory cap (black)	Violet (strong retention)	Clear (standard retention)	Pink (soft retention)	Yellow (extra soft retention)
		Each package contains 4 units of the same colored retentive caps			

## ALPHALOC ACCESSORIES

LABORATORY CAP  
(BLACK)

BLOCK OUT  
SPACER

IMPRESSION  
COPING

MALE  
ANALOG

INSERTION  
TOOL \*

EXTRACTION  
TOOL \*



Content	4 Units	1 Unit	4 Units	4 Units	1 Unit	1 Unit
Code	AML	ABOS	AIC	AFA	AIT	AET
Ref. No.	4882	4883	4884	4885	4886*	4887*

\* In some markets, the insertion and extraction tool is provided as a single, dual sided instrument.





20  
NCM

### STRAIGHT BALL ATTACHMENTS



Code	TB1-CHC	TB2-CHC	TB3-CHC	TB4-CHC	TB5-CHC
Ref. No.	7403	7404	7405	7406	7407
Instructions	Use 1.25 driver for insertion. Use nylon cap Ø 2.5 mm.				

### NYLON CAP FOR Ø 2.5 MM

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

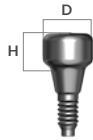


# CLASSIC CHC PROSTHETICS

Legacy prosthetic line for Conical Narrow (CHC) Connection

## CLASSIC CHC HEALING ABUTMEN

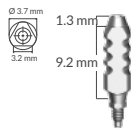
MANUAL  
TIGHTENING  
10 NCM



REF. NO.	Code	Dimensions
7311	HSD3.4-2-CHC	D: Ø 3.4 mm, H: 2 mm
7312	HSD3.4-3-CHC	D: Ø 3.4 mm, H: 3 mm
7313	HSD3.4-5-CHC	D: Ø 3.4 mm, H: 5 mm
7315	HSD3.8-2-CHC	D: Ø 3.8 mm, H: 2 mm
7316	HSD3.8-3-CHC	D: Ø 3.8 mm, H: 3 mm
7317	HSD3.8-5-CHC	D: Ø 3.8 mm, H: 5 mm
7319	HSD4.2-2-CHC	D: Ø 4.2 mm, H: 2 mm
7320	HSD4.2-3-CHC	D: Ø 4.2 mm, H: 3 mm
7321	HSD4.2-5-CHC	D: Ø 4.2 mm, H: 5 mm

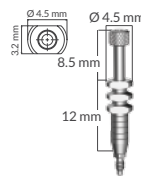
MANUAL  
TIGHTENING  
10 NCM

## CLASSIC IMPLANT IMPRESSION



### CLOSED TRAY TRANSFER

REF. NO.	Code
7333	HLTS-CHC



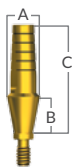
### OPEN TRAY TRANSFER

REF. NO.	Code
7335	HLTO-CHC

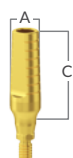
20  
NCM

## CLASSIC CEMENT RETAINED RESTORATION

### STRAIGHT ABUTMENTS



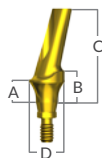
REF. NO.	Code	Dimensions
7350	ETLASP1-CHC	A: Ø 3.6 mm, B: 1.0 mm, C: 8.9 mm
7351	ETLASP2-CHC	A: Ø 3.6 mm, B: 2.0 mm, C: 9.9 mm
7352	ETLASP3-CHC	A: Ø 3.6 mm, B: 3.0 mm, C: 10.9 mm
7353	ETLASP4-CHC	A: Ø 3.6 mm, B: 4.0 mm, C: 11.9 mm
7370	ETWASP1-CHC	A: Ø 4.0 mm, B: 1.0 mm, C: 11.0 mm
7371	ETWASP2-CHC	A: Ø 4.0 mm, B: 2.0 mm, C: 12.0 mm
7372	ETWASP3-CHC	A: Ø 4.0 mm, B: 3.0 mm, C: 13.0 mm
7373	ETWASP4-CHC	A: Ø 4.0 mm, B: 4.0 mm, C: 14.0 mm
7374	ETWASP5-CHC	A: Ø 4.0 mm, B: 5.0 mm, C: 15.0 mm
7356	ETLAS3.2-CHC	A: Ø 3.2 mm, C: 9.0 mm
7357	ETLAS3.6-CHC	A: Ø 3.6 mm, C: 9.0 mm
7383	ETLAS4.0-CHC	A: Ø 4.0 mm, C: 11.0 mm
7358	TLAS4.0-CHC	A: Ø 4.0 mm, C: 9.2 mm



Legacy prosthetic line for Conical Narrow (CHC) Connection

## CLASSIC CHC ESTHETIC ANGLED ABUTMENTS

20  
NCM



REF. NO.	Code	Dimensions
7360	ETLA15-CHC	A: 1.1 mm, B: 1.5 mm, C: 8.2 mm, D: Ø 3.9 mm
7361	ETLAL15-CHC	A: 1.1 mm, B: 1.5 mm, C: 10.2 mm, D: Ø 3.9 mm
7362	ETLA25-CHC	A: 1.1 mm, B: 1.4 mm, C: 8.2 mm, D: Ø 4.3 mm
7363	EA15-1.5CHC	A: 1.5 mm, B: 2.5 mm, C: 9.5 mm, D: Ø 4.0 mm
7364	EA15-2.5CHC	A: 2.5 mm, B: 3.5 mm, C: 10.5 mm, D: Ø 4.0 mm
7365	EA15-3.5CHC	A: 3.5 mm, B: 4.5 mm, C: 11.5 mm, D: Ø 4.0 mm
7366	EA25-1.5CHC	A: 1.5 mm, B: 2.5 mm, C: 9.5 mm, D: Ø 4.0 mm
7367	EA25-2.5CHC	A: 2.5 mm, B: 3.5 mm, C: 10.5 mm, D: Ø 4.0 mm"
7368	EA25-3.5CHC	A: 3.5 mm, B: 4.5 mm, C: 11.5 mm, D: Ø 4.0 mm

## CLASSIC CHC TITANIUM ABUTMENT SCREW



REF. NO.	Code
7345	STLA-CHC

### TECHNICAL INFORMATION:

**Material:** Titanium

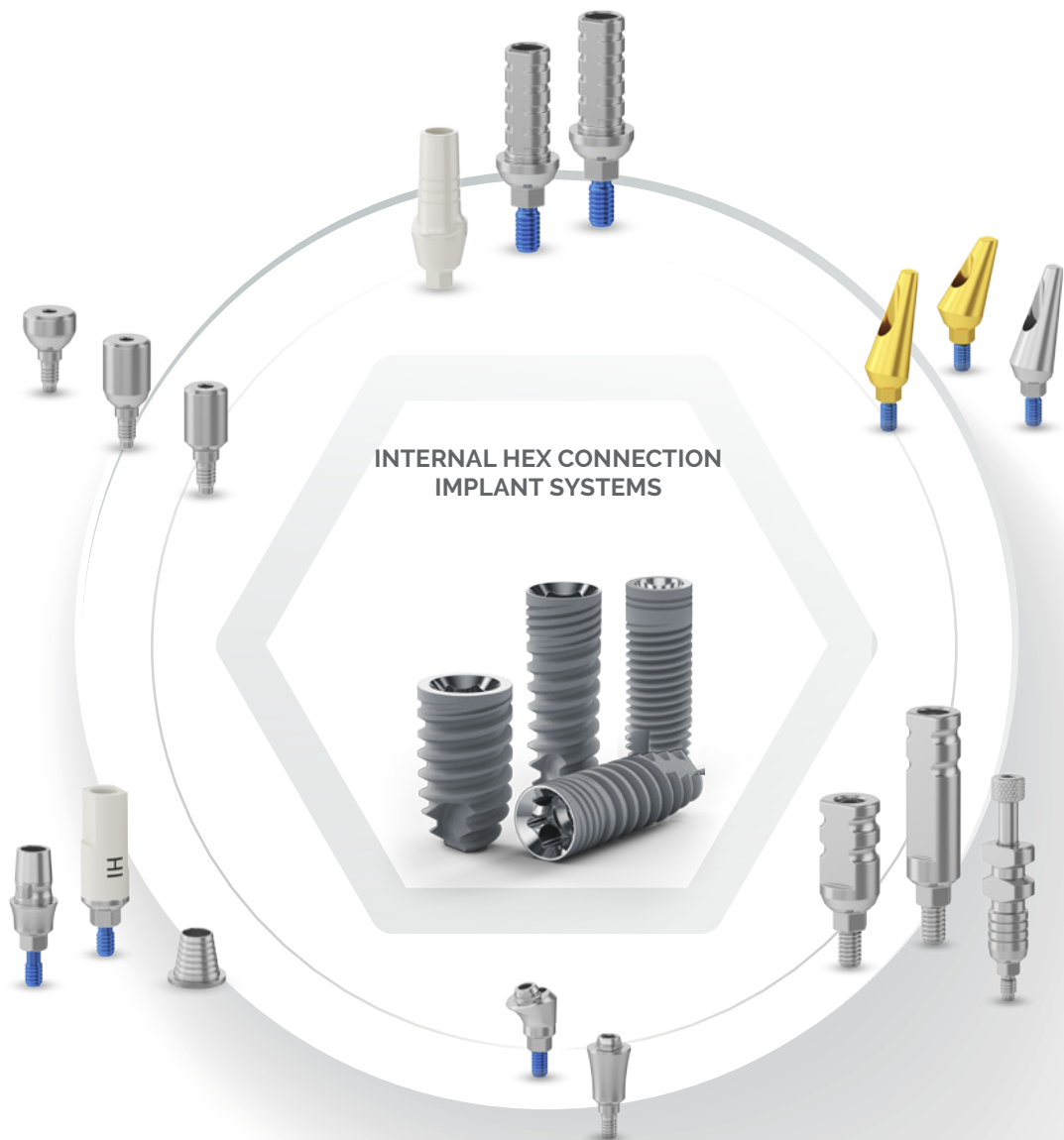
**Recommended Tightening Torque:**

- Manually tighten healing abutments, transfers & analogs
- 20 NCM for straight & angled abutments

**Required Drivers:**

- 1.25mm prosthetic hex drivers (see page 114)

# INTERNAL HEX PROSTHETIC SYSTEM



High stability  
to lateral forces



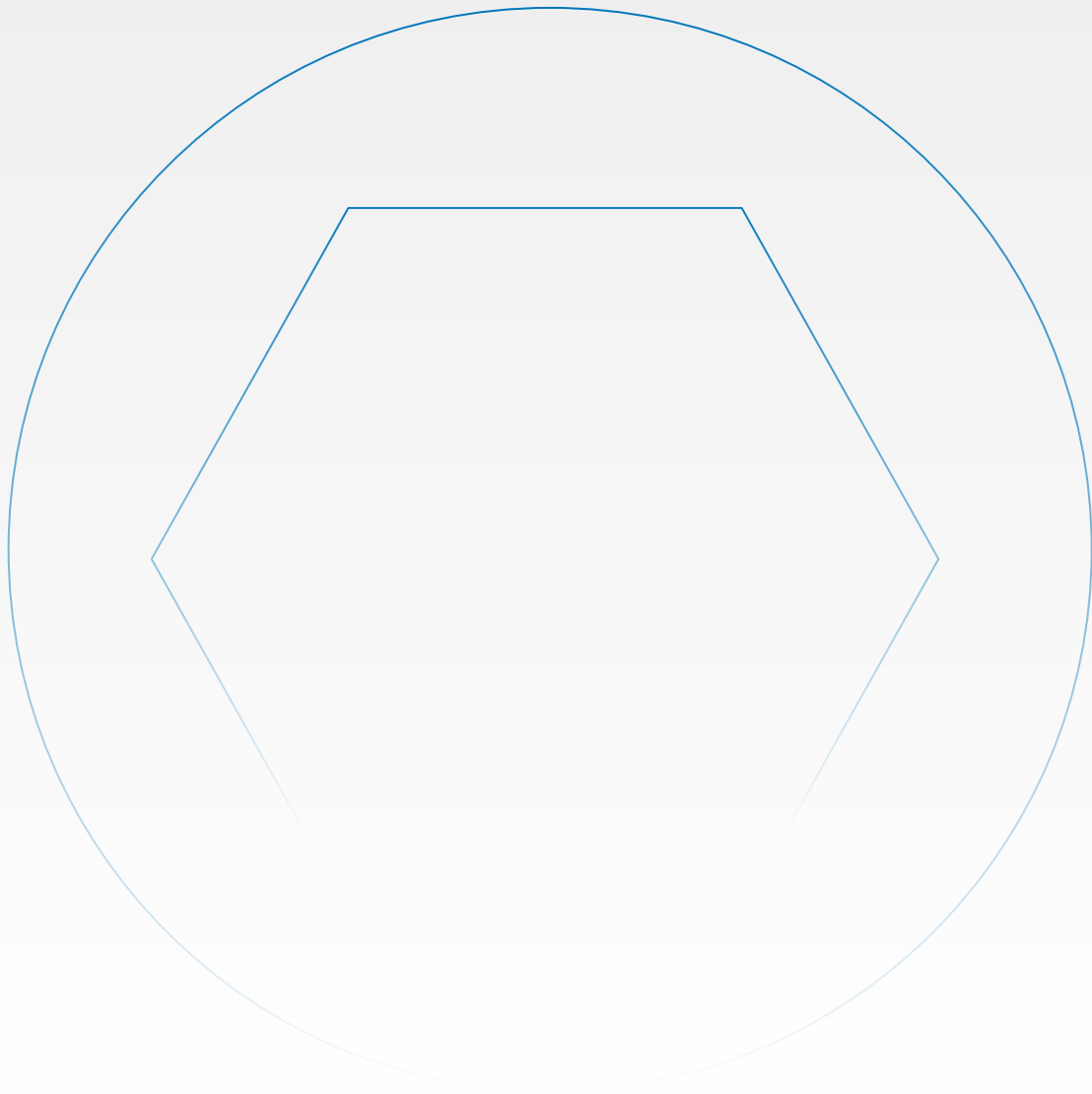
High stability of the  
implant screw



Long term  
esthetic results

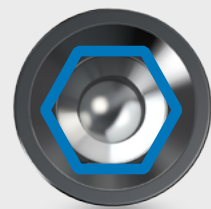


Simple restoration  
process



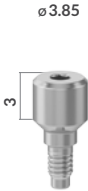
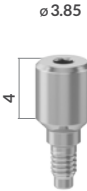
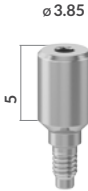
Internal Hex Connection  
**PROSTHETIC LINE**







**IH**








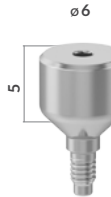
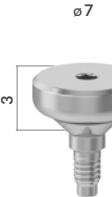
# HEALING ABUTMENTS

MANUAL  
TIGHTENING  
10 NCM

			
<b>∅ 3.85</b>			
Code	HSS3	HSS4	HSS5
Ref. No.	112	114	113

						
<b>∅ 4.6</b>						
Code	HS2	HS3	HS4	HS5	HS6	HS7
Ref. No.	116	109	117	110	118	119

				
<b>∅ 5 - ∅ 5.5</b>				
Code	HS5-3	HS5-5	HS5.5-3	HS5.5-5
Ref. No.	124	125	126	127

			
<b>∅ 6 - ∅ 7</b>			
Code	HS6-3	HS6-5	HS7-3
Ref. No.	128	129	130

## TECHNICAL INFORMATION:

Material: Titanium

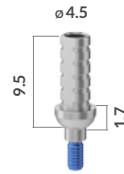
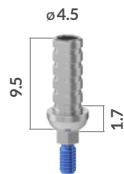
Recommended Tightening Torque: Manual tightening

Required Drivers: 1.25mm prosthetic hex drivers (see page 114)

- Laser marking to ensure easy identification of height and diameter



## TEMPORARY TITANIUM ABUTMENTS



15 NCM

Code	TLAC-AR	TLAC-R
Ref. No.	5200	5220

### TECHNICAL INFORMATION:

Material: Titanium

Tightening Torque: 15NCM

Required drivers: 1.25mm prosthetic hex drivers (see page 114)

## STRAIGHT PEEK ABUTMENTS



15 NCM

Code	TPA1	TPA2	TPA3
Ref. No.	5416	5417	5418

## ANGLED PEEK ABUTMENTS



Code	TPA15-1	TPA15-2	TPA15-3	TPA25-1	TPA25-2
Ref. No.	5419	5420	5421	5422	5423

### TECHNICAL INFORMATION:

Material: PEEK Polymer | Vital for 180 days

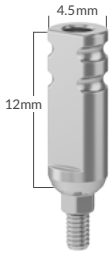
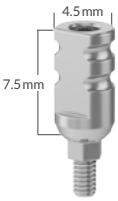
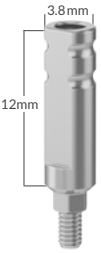
Tightening Torque: 15 NCM

Required Drivers: 1.25mm prosthetic hex drivers (see page 114)

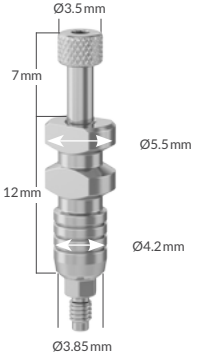
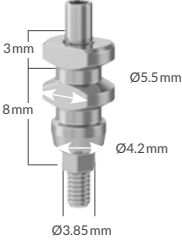
# IMPLANT IMPRESSION

MANUAL  
TIGHTENING  
10 NCM

## CLOSED TRAY TRANSFERS

	STANDARD	SHORT	SLIM
			
Code	HLT	HLTS	HLTLS
Ref. No.	5060	5170	5062

## OPEN TRAY TRANSFERS

	STANDARD	SHORT
		
Code	HLTO	HLTOS
Ref. No.	5061	5171

### TECHNICAL INFORMATION:

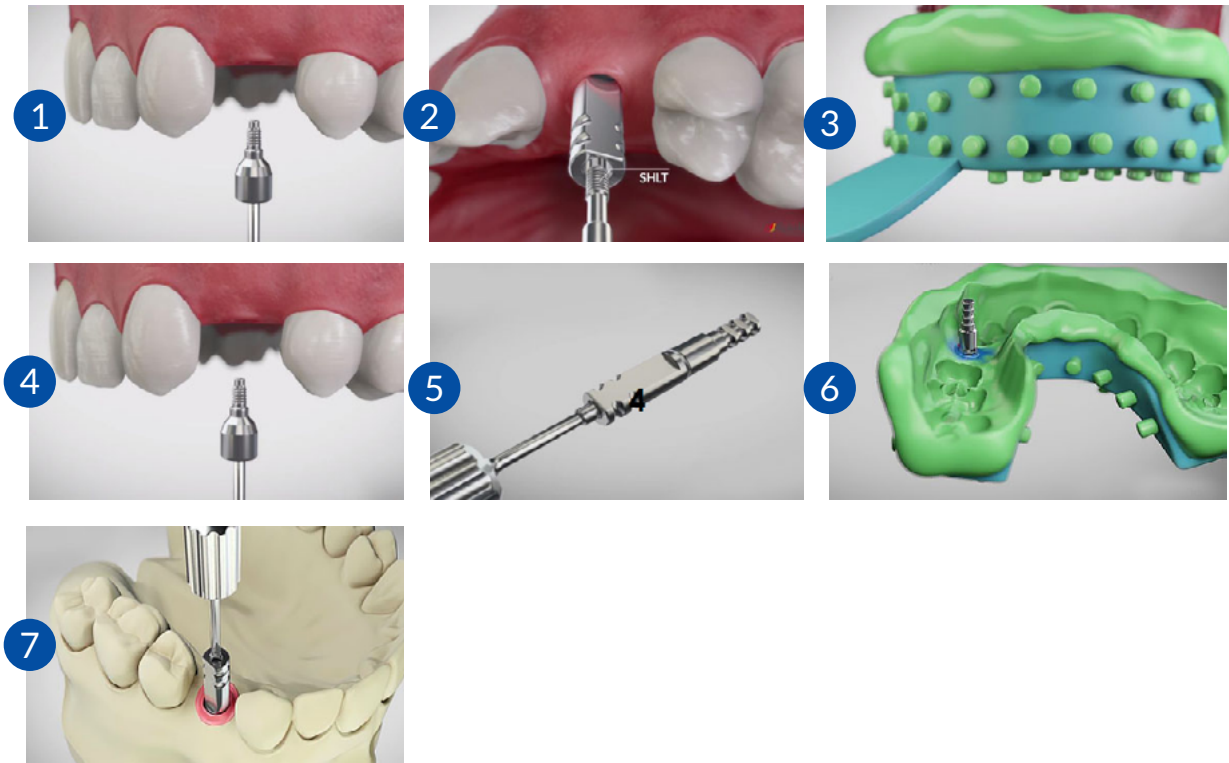
**Material:** Titanium

**Recommended Tightening Torque:** Manual tightening

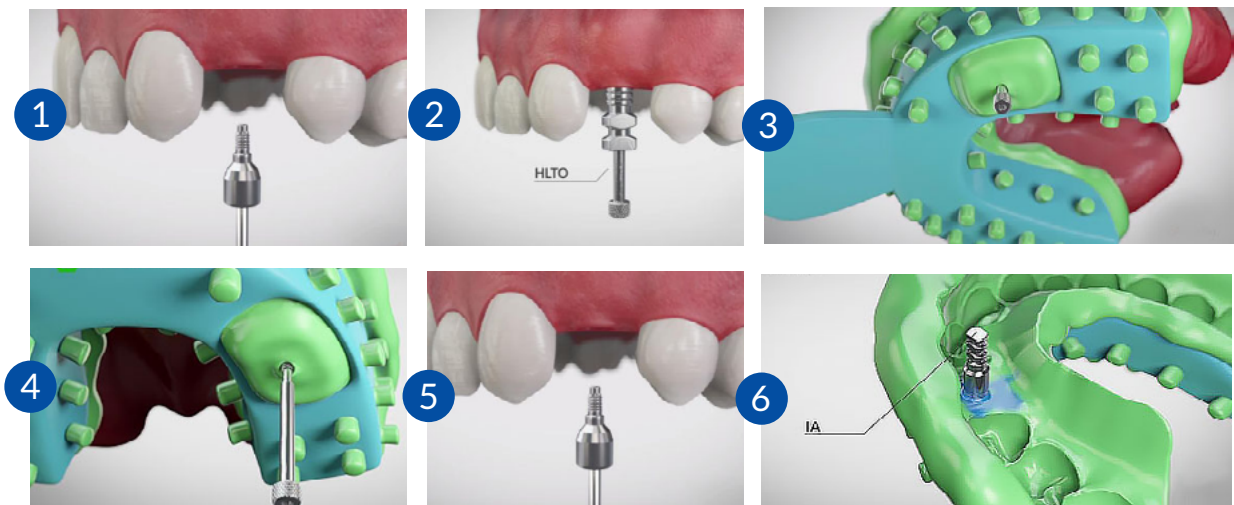
**Required Drivers:** 1.25mm prosthetic hex drivers (see page 114)

☉ Screw is included

## CLOSED TRAY IMPRESSION

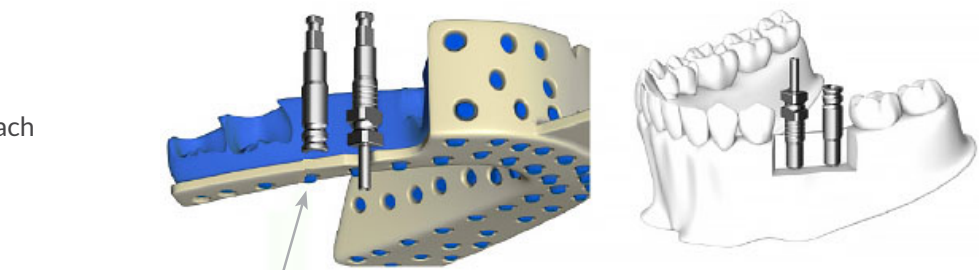


## OPEN TRAY IMPRESSION



## IMPRESSION

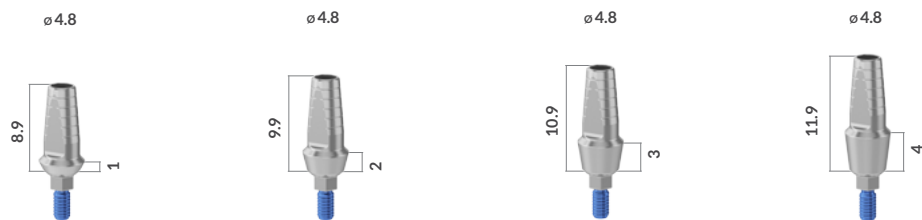
Before taking the impression, attach the transfer to the implant with the flat surface facing the buccal area.



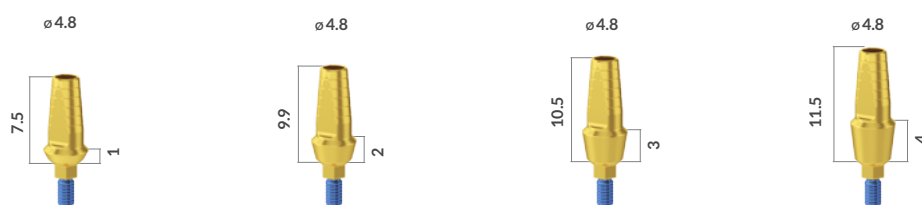
# CEMENT-RETAINED RESTORATIONS

30  
NCM

## CLASSIC & ESTHETIC STRAIGHT ABUTMENTS



Code	TLASP1	TLASP2	TLASP3	TLASP4
Ref. No.	5366	5367	5368	5369



Code	ETLASP1	ETLASP2	ETLASP3	ETLASP4
Ref. No.	5352	5353	5354	5355



Code	HTLASP
Ref. No.	5364*

\* The HTLASP plastic transfer is suitable for TLASP and ETLASP abutments

## ABUTMENT LEVEL IMPRESSION TAKING WITH TLASP/ETLASP ABUTMENTS & HTLASP PLASTIC TRANSFER

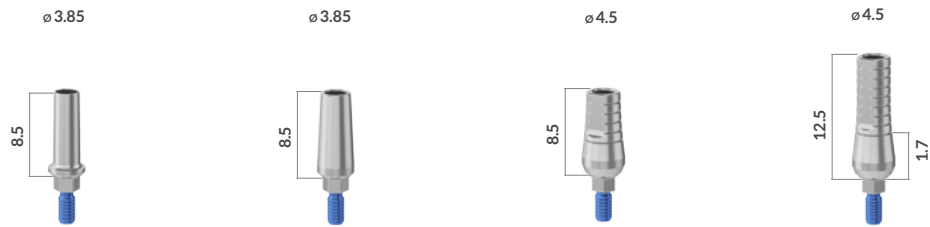


- Measure the soft tissue height, and choose the suitable TLASP/ETLASP abutment
- Manually screw the abutment onto the implant, preferably with the flat surface facing buccally
- Position the HTLASP Plastic Transfer onto the abutment
- Press down on the plastic transfer, until you feel a "click" indicating it is properly positioned
- Take the impression
- Send the impression with the analog to the dental laboratory



## CLASSIC STRAIGHT ABUTMENTS

30 NCM



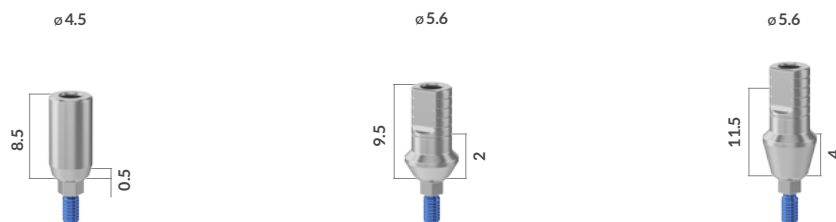
Code	TLASSP	TLAS	TLA	TLAL
Ref. No.	5403	5150	5030	5140

## ESTHETIC CLASSIC ABUTMENTS



Code	ETLAS	ETLA
Ref. No.	5155	5031

## CLASSIC WIDE ABUTMENTS



Code	TLAW	TLAO2	TLAO4
Ref. No.	5340	5182	5362

### TECHNICAL INFORMATION:

Material: Titanium

Recommended Tightening Torque: 30NCM

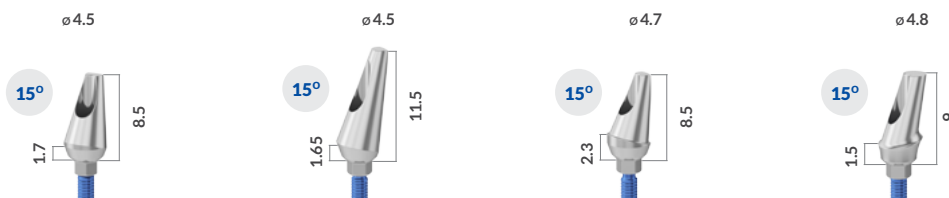
Required Drivers: 1.25mm prosthetic hex drivers (see page 114)



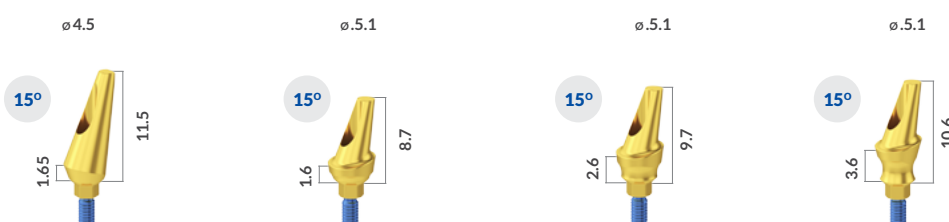
# CEMENT-RETAINED RESTORATIONS

30  
NCM

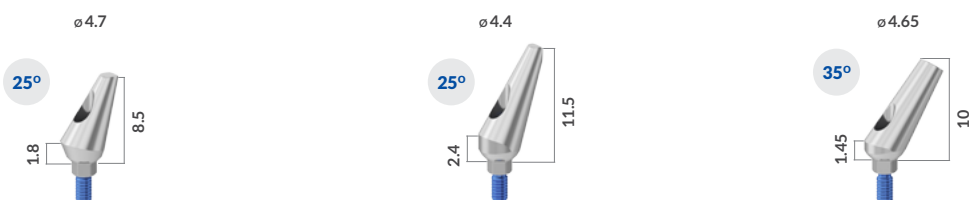
## CLASSIC ANGLED TITANIUM ABUTMENTS



Code	TLA 15	TLAL 15	TLA 15B	TLA 15BB
Ref. No.	5090	5092	5091	5098

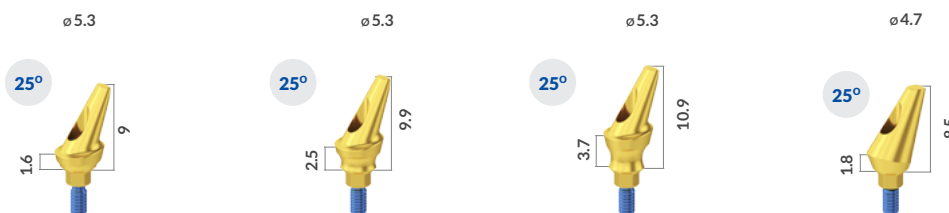


Code	ETLAL 15	EAAS 15	EAA 15	EAAH 15
Ref. No.	5094	5410	5411	5412



Code	TLA 25	TLAL 25	TLA 35
Ref. No.	5130	5134	5136

\* Compatible screw Ref.# 5127



Code	EAAS 25	EAA 25	EAAH 25	ETLA25
Ref. No.	5413	5414	5415	5131

### TECHNICAL INFORMATION:

**Material:** Titanium

**Recommended Tightening Torque:** 30NCM

**Required Drivers:** 1.25mm prosthetic hex drivers (see page 114)

## PLASTIC ABUTMENT FOR CASTING

30 NCM



Code	PLA	PLA-R
Ref. No.	5040	5041

## IMPLANT ANALOGS

Implant analog, IA Ref. No. 5080, is suitable for use with all implant diameters.  
 Implant analog, IA5 Ref. No. 5280, is suitable for use with SPIRAL & DFI implants  $\varnothing 5$ .

MANUAL TIGHTENING  
10 NCM

	STANDARD	WIDE	MULTI-UNIT	DIGITAL IMPRESSION
				For resin printed models 
Code	IA	IA5	BTT-N	AN-PM-IH
Ref. No.	5080	5280	5211	5457

## TITANIUM SCREWS



Code	STLAS	STLAT*	STLASH**	STLA_IH_60_DEG	RS
Ref. No.	5122	5121	5127	5462	5110
Instructions	* Specially coated, for laboratory use only. ** To be used only with the TLA36 abutment. Ref. 5136 (Page 94)			For Ti-Bases	Retrieval screw for CS & IH connections

### TECHNICAL INFORMATION:

**Material:** Plastic abutments- PET | Titanium

**Recommended Tightening Torque:** Plastic abutments 30 NCM | Implant analogs- manual tightening

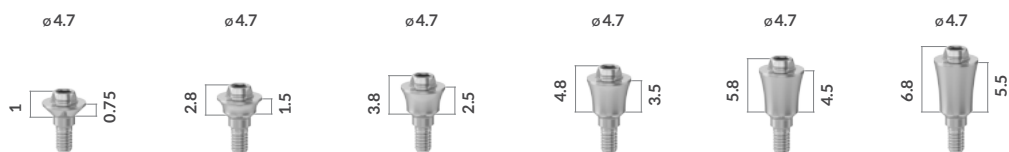
**Required Drivers:** 1.25mm prosthetic hex drivers (see page 114)

# SCREW-RETAINED RESTORATIONS

30  
NCM

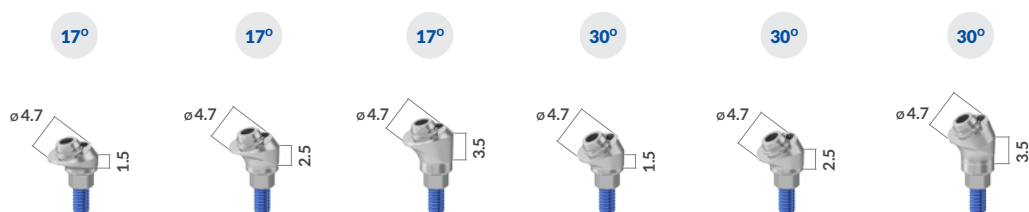
## Multi-Unit Abutment System

### STRAIGHT MULTI-UNIT ABUTMENTS



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

### ANGLED MULTI-UNIT ABUTMENTS



Code	AU 17-1.5 IH	AU 17-2.5 IH	AU 17-3.5 IH	AU 30-1.5 IH	AU 30-2.5 IH	AU 30-3.5 IH
Ref. No.	5432	5433	5434	5437	5438	5439

### HBC ABUTMENTS - FOR SINGLE TOOTH RESTORATION



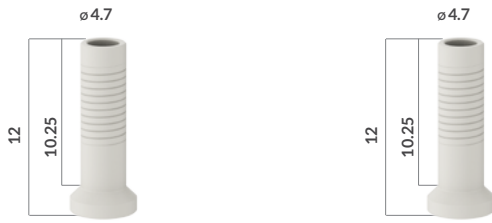
Code	HBC 0.5	HBC 1.5	HBC 2.5
Ref. No.	6040	6041	6042



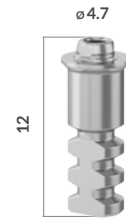
# SCREW-RETAINED RESTORATIONS

## On Top Components

### BURNOUT SLEEVES



### ANALOG



Code	PST-N-AR	PST-N	BTT-N
Ref. No.	*5217 $\triangle$	*5218 $\circ$	5211

\*Screw No. 6093 is included

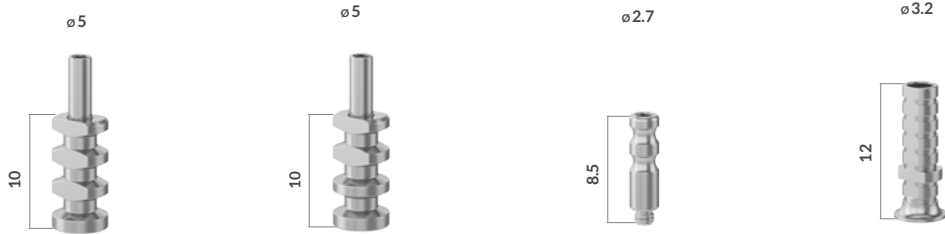
### OPEN TRAY TRANSFERS

MANUAL TIGHTENING  
10 NCM

### CLOSED TRAY TRANSFER

### TEMPORARY ABUTMENT

20 NCM



Code	TST-N	TST-N-R	TS-N	TTA-N
Ref. No.	5231 $\triangle$	5248 $\circ$	5235	** 5216

\*\*Screw No. 6092 is included

### PRO HEALING ABUTMENTS

MANUAL TIGHTENING  
10 NCM



### SCREWS

20 NCM



Code	HCT4-N	HCT6-N	SF-N	SFT-N
Ref. No.	5236	5237	6092	6093

### TECHNICAL INFORMATION:

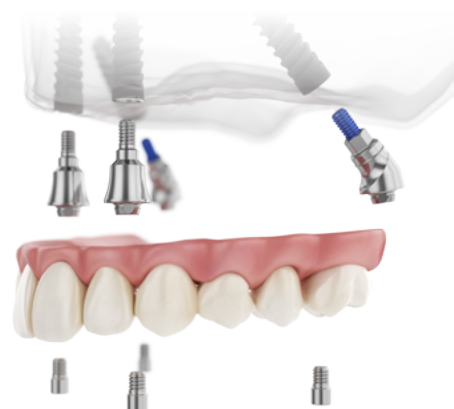
Material: Titanium

Required Drivers: (see page 114):

- 1.25mm prosthetic hex drivers for angled multi-units abutments
- 1.5mm prosthetic hex drivers for straight multi-units abutments

Recommended Tightening Torque:

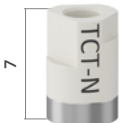


- Manually tighten impression transfers & healing abutments
- 30 NCM for straight & angled Multi-Unit Abutments
- 20 NCM for temporary fixture & screws



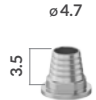

# CAD/CAM RESTORATIONS




## MULTI-UNIT CAD/CAM COMPONENTS

MANUAL  
TIGHTENING  
10 NCM

DUAL USE SCAN BODIES FOR MULTI-UNITS		ANALOG & INSERION TOOL	
	ENGAGED	NON-ENGAGED	
			
Code	IOSB-TCT-N	IOSB-TCT-N-R	AN -PM -TCT -N
Ref. No.	5003 △	3883 ○	5456
Instructions	For single crown restorations with multi-unit angled abutments	For bridge/bar restorations with multi-unit straight and angled abutments	Multi-Unit/TCT analog for 3D printed model Insertion tool for analog 3D printed model IH, CS, TCT

20  
NCM

ADHESIVE COPINGS FOR MULTI-UNITS		
	ENGAGED (For single tooth restorations)	NON-ENGAGED (For bar/bridge restorations)
		
Code	TAC-TCT-N	TAC-TCT-N-R
Ref. No.	5028 △	5029 ○
		AC-R-4.5
		5039 ○

TITANIUM SCREWS FOR MULTI-UNIT SYSTEM			
			
Code	SF-N	SFT-N	S-DM-SR
Ref. No.	6092	6093	4994
Instructions	Fixation screw for Multi-Unit restoration	Black coated screw for Lab	Direct mounting on metal frame. Should not be used for full zirconia or ceramic restorations

### TECHNICAL INFORMATION:

**Material:** Dual use scan body - PEEK and titanium | Adhesive copings, analogs & screws- titanium

**Recommended Tightening Torque:** Dual use scan body- manual tightening | Adhesive coping, fixation screw, direct mounting screw- 20 NCM

DUAL USE SCAN BODY		ANALOG	PRE-MILLED BLANKS	
Code	SB-IH	AN_PM_IH	BA-PF-IH	WBA-PF-IH
Ref. No.	5019	5457	4988	4989
Instructions	<ul style="list-style-type: none"> <li>* For lab and/or intra-oral use</li> <li>* Biocompatible &amp; reusable</li> <li>* Material: PEEK &amp; titanium</li> </ul>	For 3D printed model	For Preface® abutment holder. Screw included	

## TI-BASES

**30 NCM**

ENGAGED (For single tooth restorations)			NON-ENGAGED (For bar/bridge restorations)			
Code	CCTB-0.75-AR-IH	CCTB-1.5-AR-IH	CCTB-0.75-R-IH	CCTB-1.5-R-IH	CCTB-2.5-R-IH	
Ref. No.	4961	4962	4963	4964	4965	4966

\* Use with replacement screw 5462

WIDE TI-BASES	
<p>ENGAGED (For single tooth restorations)</p>	<p>NON-ENGAGED (For bar/bridge restorations)</p>
Code	WCCTB
Ref. No.	5007
Code	WCCTB-R
Ref. No.	5008

### TECHNICAL INFORMATION:

**Material:** dual use scan body - PEEK and titanium | Ti-Bases - titanium

**Recommended Tightening Torque:**

Dual use scan body - manual tightening | Ti-bases and Pre-milled blanks - 30 NCM

**Required Drivers:**

1.25mm prosthetic hex drivers (see page 114) | For analog Ref. No. 5457, use insertion tool Ref. No. 5459

# MULTI-UNIT CAD/CAM COMPONENTS

TI-BASES suitable for use with Cerec. System (Sirona's L Blocks), 3shape and Exocad Libraries

					SCAN POST
Code	CCTB-IH-SI	SiTB_IH_1.5	SiTB_IH_2.5	SiTB_IH_3.5	CCSP-IH-SI
Ref. No.	4980	5464	5465	5466	4984
Instructions	For scan and/or restoration use				For scanning purpose only
	Use replacement screw 5122	Use replacement screw 5462			

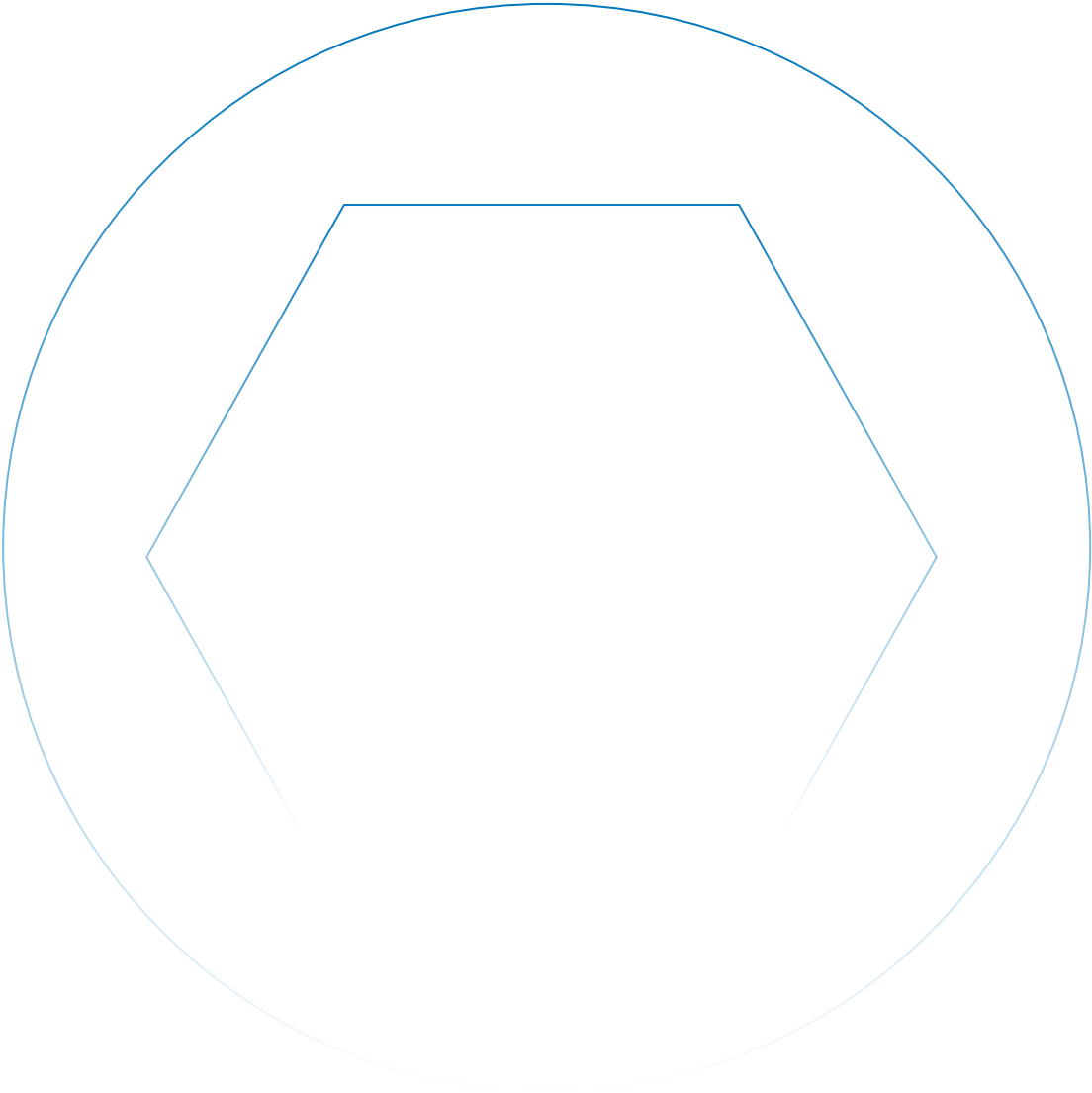
## TECHNICAL INFORMATION:

**Material:** Dual use scan body - PEEK and titanium | Ti-Bases - titanium

**Recommended Tightening Torque:** Dual use scan body - manual tightening | Ti-bases and Pre-milled blanks - 30 NCM

**Required Drivers:** 1.25mm prosthetic hex drivers (see page 114) | For analog Ref. No. 3838, use insertion tool Ref. No. 5459



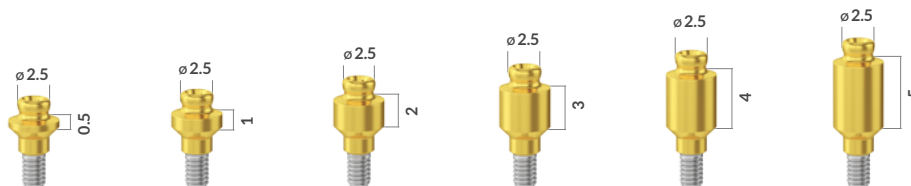


# OVERDENTURE RESTORATIONS

## ALPHALOC ABUTMENT SYSTEM

30  
NCM

### ALPHALOC KIT



Code	AK0.5	AK1	AK2	AK3	AK4	AK5
Ref. No.	4867	4868	4869	4870	4871	4872

Each AlphaLoc kit includes :

AlphaLoc abutment (of the selected gingival height), 1 stainless steel metal housing, 4 retentive caps, 1 block-out spacer, 1 laboratory cap

### ALPHALOC PROCESSING PACKAGE

### ALPHALOC RETENTIVE CAPS



Code	AMPP	AMSTR	AMSTA	AMSOF	AMESO
Ref. No.	4875	4876	4877	4878	4879
Includes	Stainless steel metal housing, block-out spacer, nylon retentive caps (violet, clear, pink and yellow), laboratory cap (black)	Violet (strong retention)	Clear (standard retention)	Pink (soft retention)	Yellow (extra soft retention)
		Each package contains 4 units of the same colored retentive caps			

## ALPHALOC ACCESSORIES

LABORATORY CAP  
(BLACK)

BLOCK OUT  
SPACER

IMPRESSION  
COPING

MALE  
ANALOG

INSERTION  
TOOL \*

EXTRACTION  
TOOL \*



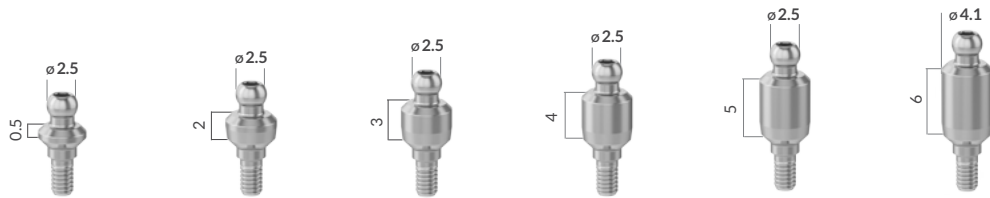
Content	4 Units	1 Unit	4 Units	4 Units	1 Unit	1 Unit
Code	AML	ABOS	AIC	AFA	AIT	AET
Ref. No.	4882	4883	4884	4885	4886*	4887*

\* In some markets, a dual-tip single instrument (for cap insertion and extraction) is available for order

## TITANIUM BALL ATTACHMENTS

### STRAIGHT BALL ATTACHMENTS

30  
NCM



Code	TB 0.5	TB 2	TB 3	TB 4	TB 5	TB 6
Ref. No.	6260	6210	6280	6220	6270	6290
Instructions	For impression, use analog 5080 and IH transfers.					

### ANGLED BALL ATTACHMENTS



Code	TBAA2	TBAA3
Ref. No.	6304	6306
Instructions	Ball orientation towards the flat hex	

### NYLON CAP

Stainless steel  
Housing



Nylon Cap



Nylon Cap with  
Titanium Ring



Soft Nylon Cap



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

### TECHNICAL INFORMATION:

**Material:** Titanium

**Recommended Tightening Torque:** 30 NCM

**Required Drivers:** 1.25mm prosthetic hex drivers (see page 114)





# SURGICAL INSTRUMENTS

**SIMPLANTOLOGY IN THE PALM OF YOUR HAND**

We offer an extensive portfolio of surgical tools, kits & accessories, especially designed to make every dental procedure you perform, as simple, accurate, safe & comfortable as possible, for both you & for your patient. All our surgical kits, drills and tools are suitable for all Alpha-Bio Tec. implant systems and prosthetic parts.

# ONE SURGICAL KIT FOR ALL IMPLANT SYSTEMS

Designed for efficient workflows

Our universal kit is customizable, in size & content, to include all the tools you need to perform most of the clinical procedures at your clinic. In addition, all drills and tools are suitable for use with Alpha-Bio Tec. implant systems and prosthetic parts.



## SURGICAL KIT AT A GLANCE

- One kit for all implant systems
- Ergonomic and easy to use
- Light, compact & easy to carry
- Clear color-coded visual design for tools identification and easy and intuitive accessibility
- Dimension Bar for effectively measuring and verifying drill depth
- Autoclaveable

### Materials

- Box and tray- Radel®
- Bath- Stainless steel

### Surgical kit box dimensions

- Standard full-size kit: 19 cm X 14 cm X 6 cm
- Mini Kit: 10 cm X 8.5 cm X 5 cm


⊙ The surgical kits displayed in this catalog are for illustration purposes only. The surgical kit box is provided empty. Contact you local representatives for more information regarding the content. Contents may vary in different markets.


# GUIDED SURGERY TOOL KIT (GSTK)

Guiding you to clinical success with ease & confidence


Everything you need for performing accurate and predictable guided surgery procedures using one comprehensive, autoclavable, color-coded kit.




-  The GSTK modular tray layout supports guided surgery procedures, from site preparation to final implantation

-  Compatible with all Alpha-Bio Tec. implants, for full or partial edentulous cases




-  Compatible with GSTK master sleeves (for fabrication and securing the surgical guide)



-  Supported by a selection of guided surgery software, enabling you to plan your cases with the software of your choice



-  For comprehensive information and specifications for the Guided Surgery Tool Kit's components, see pages 120-124

-  Available in selected countries only, subject to regulatory approval.



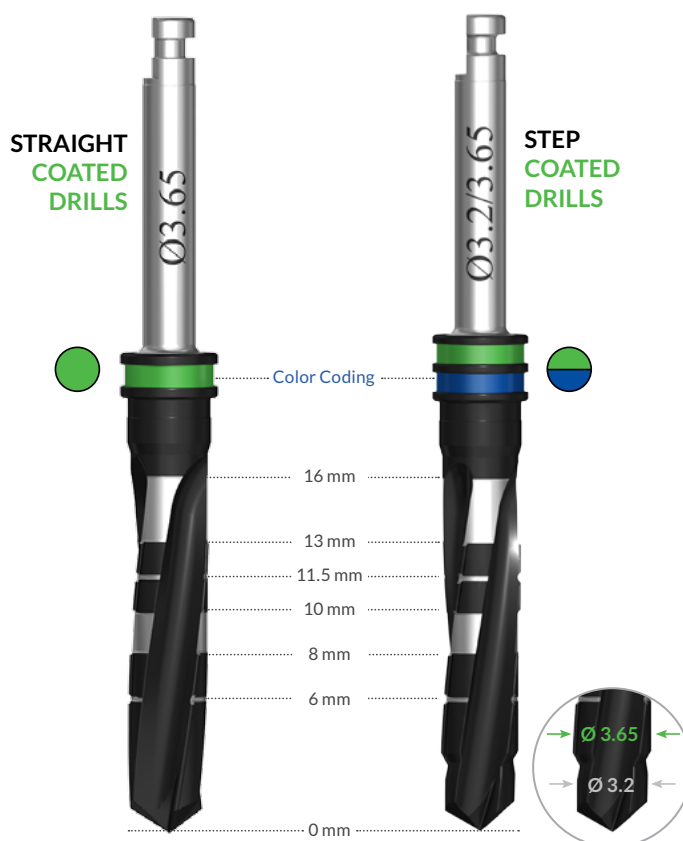
Our drills and stopper kit are designed for ease of use, durability & efficient workflows.

# DNT<sup>2</sup> COATED DRILLS

High Durability & High Performance with a Twist

## DESIGN FEATURES AND BENEFITS

- Low heat generation
- Color Coding for easy identification
- **Material:** Stainless steel with DNT<sup>2</sup> coating
- High contrast and clear depth marks
- Compatible with all drill stoppers



## STRAIGHT COATED DRILLS

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

## STEP COATED DRILLS

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

# STOPPER KIT & STOPPERS

A Compact, Ergonomically Designed Stopper Kit

## STOPPER KIT (REF. NO. 4612)

### DESIGN FEATURES & BENEFITS

- Stoppers are clearly visible and easily attached to the drills from their dedicated slots
- Laser markings on both box and stoppers for easy identification
- Easy to extract stopper from drill with the removal grooves
- Autoclavable & easy to clean
- Provided with 20 stoppers

### Materials

- Box - Radel®, Cover - PPHt
- Dimensions: 13 cm X 9.5 cm X 3 cm



## DRILL STOPPERS

- Reusable & Autoclavable
- Compatible with Alpha-Bio Tec. Coated Drills

**Material:** Stainless steel

Drill Diameter	GROUP A: Ø 2.0 - Ø 2.4					GROUP B: Ø 2.8 - Ø 3.0				
	L6	L8	L10	L11.5	L13	L6	L8	L10	L11.5	L13
Drill Depth	[Visual representation of stoppers for Group A and Group B]									
Code	DS-A-L6	DS-A-L8	DS-A-L10	DS-A-L11.5	DS-A-L13	DS-B-L6	DS-B-L8	DS-B-L10	DS-B-L11.5	DS-B-L13
Ref. No.	4561	4562	4563	4564	4565	4566	4567	4568	4569	4570

Drill Diameter	GROUP C: Ø 3.2 - Ø 3.65					GROUP D: Ø 4.1 - Ø 4.5				
	L6	L8	L10	L11.5	L13	L6	L8	L10	L11.5	L13
Drill Depth	[Visual representation of stoppers for Group C and Group D]									
Code	DS-C-L6	DS-C-L8	DS-C-L10	DS-C-L11.5	DS-C-L13	DS-D-L6	DS-D-L8	DS-D-L10	DS-D-L11.5	DS-D-L13
Ref. No.	4573	4574	4575	4576	4577	4578	4579	4580	4581	4582

# SURGICAL DRILLS

	MARKING DRILL	ROUND BUR	DRILL EXTENSION
	<p>Diagram of a marking drill with diameter <math>\varnothing 1.5</math> mm. Length markings are shown at 0 mm, 6 mm, 8 mm, 10 mm, 11.5 mm, 13 mm, and 16 mm.</p>	<p>Diagram of a round bur with diameter <math>\varnothing 3</math> mm.</p>	<p>Diagram of a drill extension.</p>
Code	MRDX1.5	RB3	DX
Ref. No.	4712C	4304	4240
Instructions	For marking of the cortical plate of the alveolar crest	For various bone manipulations, such as penetration of the cortical plate of the alveolar crest	Extends all drills by 17.5 mm

	COUNTERSINK	TREPHINE BURS	
	<p>Diagram of a countersink with diameter range <math>\varnothing 2.7 - \varnothing 5.9</math> mm. Length markings are shown at 0 mm, 2.5 mm, 4.5 mm, 5.55 mm, and 7.8 mm. Diameter markings at the tip are <math>\varnothing 2.7</math> mm, <math>\varnothing 3.85</math> mm, <math>\varnothing 4.2</math> mm, <math>\varnothing 5</math> mm, and <math>\varnothing 5.9</math> mm.</p>	<p>Diagram of two trephine burs. The first has diameter <math>\varnothing 4</math> mm and length markings at 6 mm, 8 mm, 10 mm, 11.6 mm, 13 mm, 15 mm, and 16 mm. The second has diameter <math>\varnothing 5</math> mm and length markings at 6 mm, 8 mm, 10 mm, 11.6 mm, 13 mm, 15 mm, and 16 mm. Diameter markings at the tip are <math>\varnothing 4</math> mm, <math>\varnothing 5</math> mm, and <math>\varnothing 6</math> mm.</p>	
Code	CS	DRT4	DRT5
Ref. No.	4672	4940	4950
Instructions	For preparation of a bevel within the cortical plate of the alveolar crest	For bone harvesting and implant removal	

**Material:** Stainless steel

# IMPLANT INSERTION TOOLS

Driven to Clinical Success

## IMPLANT INSERTION TOOLS FOR CONICAL CONNECTION IMPLANTS (CS &CHC)



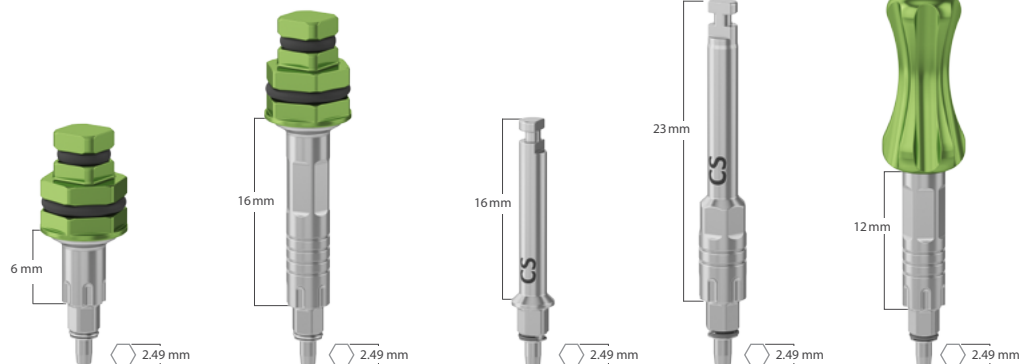
SHORT

LONG

SHORT MOTOR MOUNT

LONG MOTOR MOUNT

MANUAL



Code	ITD2.5 CS	ITD2.5 LCS	IT2.5 SMCS	IT2.5 LMCS	MITD2.5-CS
Ref. No.	3801	3803	3804	3805	3806
Instructions	Fits hexagonal 6.35 mm or square 4 mm wrench ratchet		For use with a contra-angle motor		For manual use



SHORT

STANDARD

LONG

SHORT MOTOR MOUNT

LONG MOTOR MOUNT

MANUAL




Code	ITD2.1S-CHC	ITD2.1-CHC	ITD2.1L-CHC	IT2.1S M-CHC	IT2.1L M-CHC	MITD2.1 CHC
Ref. No.	7302	7305	7301	7304	7303	4147
Instructions	Fits hexagonal 6.35 mm or square 4 mm wrench ratchet		For use with a contra-angle motor		For manual use	

# IMPLANT INSERTION TOOLS

Driven to Clinical Success

## IMPLANT INSERTION TOOLS FOR INTERNAL HEX CONNECTION IMPLANTS (IH)



SHORT


STANDARD

LONG

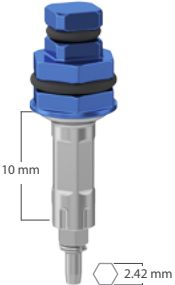
SHORT MOTOR MOUNT

LONG MOTOR MOUNT


MANUAL




6 mm  
2.42 mm



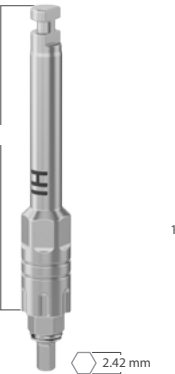
10 mm  
2.42 mm



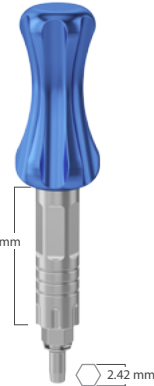
16 mm  
2.42 mm



16 mm  
2.42 mm



23 mm  
2.42 mm



12 mm  
2.42 mm

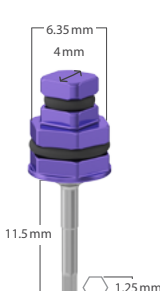
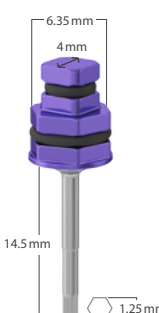


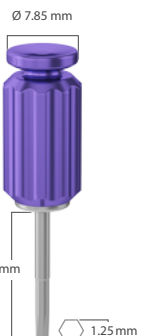

Code	G-ITDS2.5	G-ITDM2.5	G-ITDL2.5	GITS2.5/1.25	GITL2.5/1.25	MITD2.5-IH
Ref. No.	4142	4141	4140	4145	4143	4146
Instructions	Fits hexagonal 6.35 mm or square 4 mm wrench ratchet			For use with a contra-angle motor		For manual use

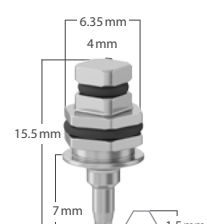
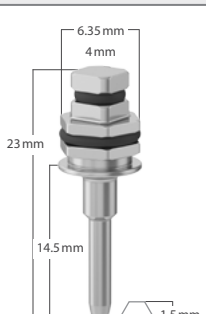
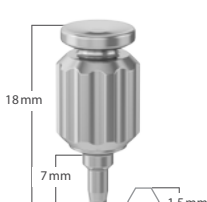
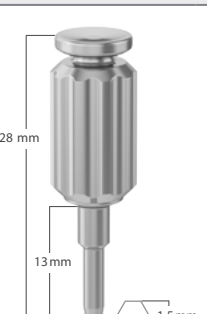

### IMPLANT INSERTION TOOLS:

- Suitable for use with all Alpha-Bio Tec. implant connections (CS, CHC & IH).
- For use with a contra-angle motor, ratchet wrench or for manual tightening.
- Color coded for easy identification & intuitive use.

# PROSTHETIC INSERTION TOOLS

- Hex Drivers compatible with all Alpha-Bio Tec. prosthetic line.
- For use with a contra- angle motor, ratchet wrench or for manually tightening.

HEX DRIVERS 1.25 MM (STAINLESS STEEL)						
	SHORT	STANDARD	LONG	SHORT MANUAL GRIP DRIVER	MANUAL GRIP DRIVER	MOTOR MOUNT
						
Code	HTD 1.25 S	HTD 1.25	HTD 1.25L	HHSS 1.25	HHS 1.25	HT 1.25M
Ref. No.	4056	4055	4061	4053	4052	4165
Instructions	Fits hexagonal 6.35 mm or square 4 mm ratchet			For manual use		For use with a contra-angle motor
Compatible with all healing abutments, cover screws, transfer screws and most abutments.						

HEX DRIVERS 1.5 mm (STAINLESS STEEL)					
	SHORT	LONG	SHORT MANUAL DRIVER	LONG MANUAL DRIVER	MOTOR MOUNT
					
Code	HTD 1.5S	HTD 1.5	HHS 1.5	HHL 1.5	HT 1.5
Ref. No.	4058	4057	4059	4060	4168
Instructions	Fits hexagonal 6.35 mm or square 4 mm ratchet		For manual use		For use with a contra-angle motor
For use only with straight Multi-Unit abutments (See pages 62, 76 & 96)					

# TOOLS & ACCESSORIES

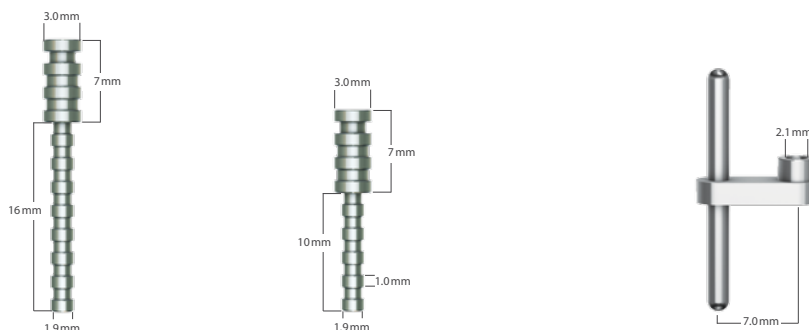
<b>SURGICAL SCREWDRIVER</b> (Stainless Steel)	Code: SDH Ref. No. 4220		
--	----------------------------	--	---

Used with 6.35 mm hexagonal head.

<b>UNIVERSAL TORQUE RATCHET</b> 10-45 Ncm (Stainless Steel)	Code: URT Ref. No. 4572		
--	----------------------------	--	---

Allows clinicians to accurately apply the recommended torque when using prosthetic or surgical drivers.  
Can be adapted for use with the 4 mm square head drivers when using USH 4012.

<b>PARALLEL/DEPTH GUIDE (TITANIUM)</b>	<b>PARALLEL GUIDE (TITANIUM)</b>
--	----------------------------------



Code	PDG	PDGS	PG
Ref. No.	4080	4081	4082
Instructions	For accurate measurement of osteotomy depth, assessment of parallelism & X-Ray distortion. Each step is 1 mm.		Used for measuring spacing & parallelism during implant placement.

## IDG IMPLANT DEPTH PROBE (STAINLESS STEEL)



Code	IDG
Ref. No.	4100

**Instructions**  
Double sided measuring probe: 1.9 mm width of the rounded apex is used for examinations of osteotomy made by the 2 mm drill. 2.7 mm width of the rounded apex is used for examinations of osteotomy made by the 2.8 mm drill. Can be used in various treatments: checking osteotomy depth, examination of the Schneiderian membrane, bone condensing and more.

# OMNIBASE TX DRIVERS

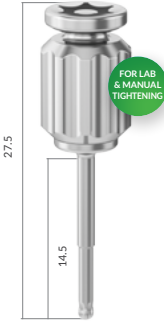
Experience Freedom: Flexibility & Esthetics from a New Angle

## TX DRIVERS FOR INSERTION/REMOVAL AT 0° - 25°



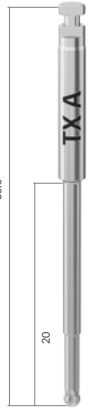
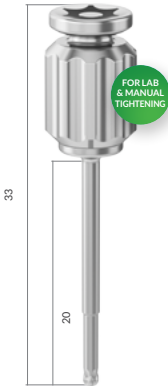
- Laser marking on top of the drivers for easy identification

MANUAL STANDARD TX DRIVER FOR ANGLED INSERTION	RATCHET STANDARD TX DRIVER FOR ANGLED INSERTION	MOTOR STANDARD TX DRIVER FOR ANGLED INSERTION
--	---	---



Code	AHD-S	ARD-SD	AMD
Ref. No.	5475	5548	5477

MANUAL LONG TX DRIVER FOR ANGLED INSERTION	RATCHET LONG TX DRIVER FOR ANGLED INSERTION	MOTOR LONG TX DRIVER FOR ANGLED INSERTION
--	---	---



Code	AHD-L	ARD-L	AMD-L
Ref. No.	5546	5476	5547

# OMNIBASE TX DRIVERS

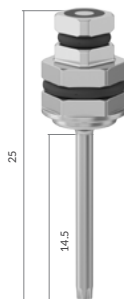
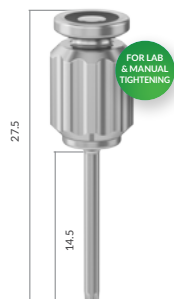
Experience Freedom: Flexibility & Esthetics from a New Angle

## TX DRIVERS FOR VERTICAL INSERTION/REMOVAL AT 0°



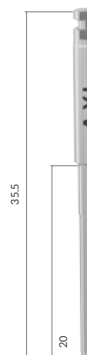
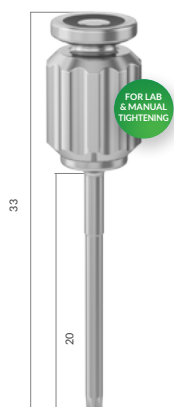
- Laser marking on top of the drivers for easy identification

MANUAL STANDARD TX DRIVER FOR VERTICAL INSERTION	RATCHET STANDARD TX DRIVER FOR VERTICAL INSERTION	MOTOR STANDARD TX DRIVER FOR VERTICAL INSERTION
--	---	---



Code	VHD-S	VRD-SD	VMD
Ref. No.	5478	5496	5498

MANUAL STANDARD TX DRIVER FOR VERTICAL INSERTION	RATCHET LONG TX DRIVER FOR VERTICAL INSERTION	MOTOR LONG TX DRIVER FOR VERTICAL INSERTION
--	---	---



Code	VHD-L	VRD-L	VMD-L
Ref. No.	5479	5497	5495

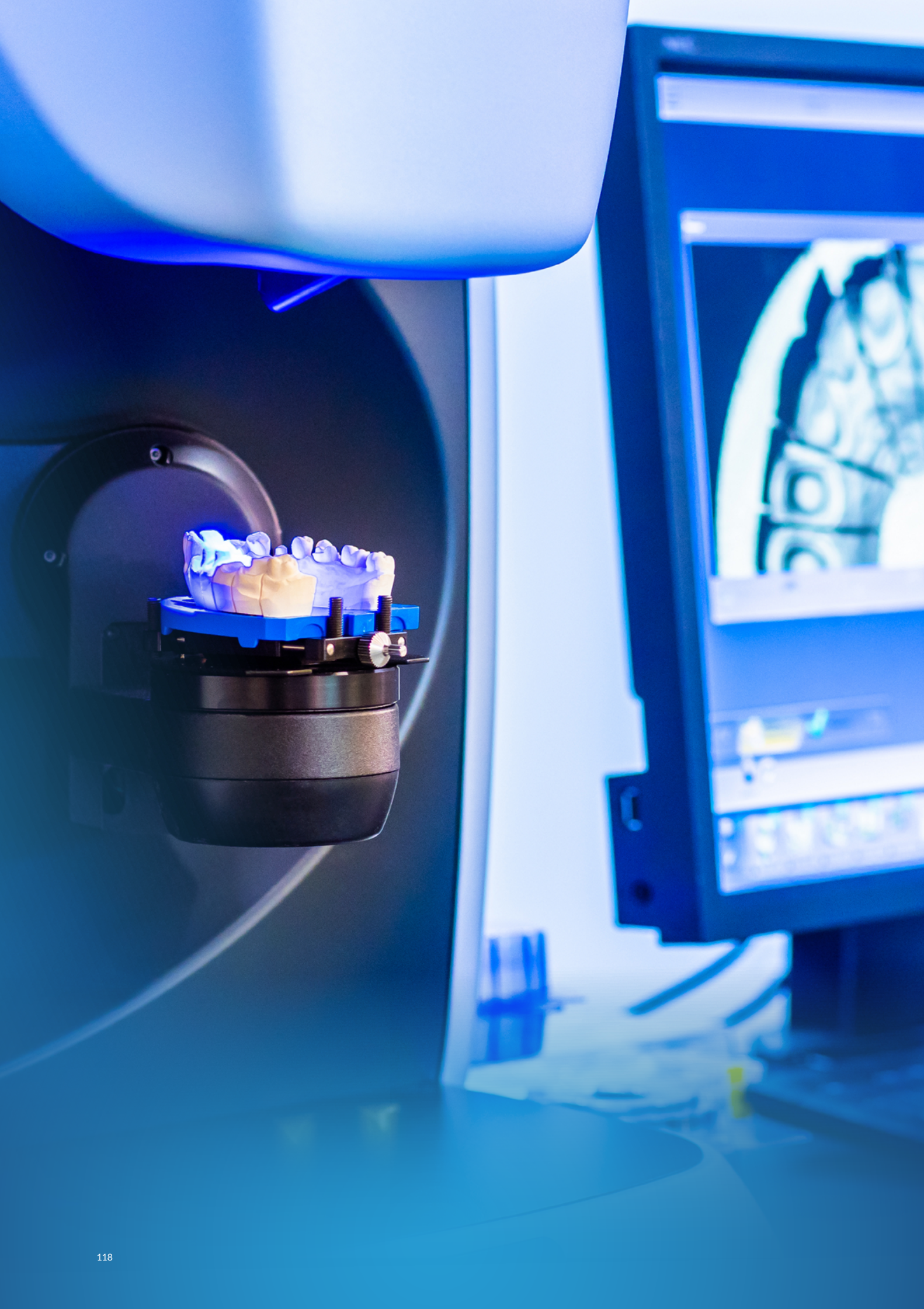
### TECHNICAL INFORMATION:

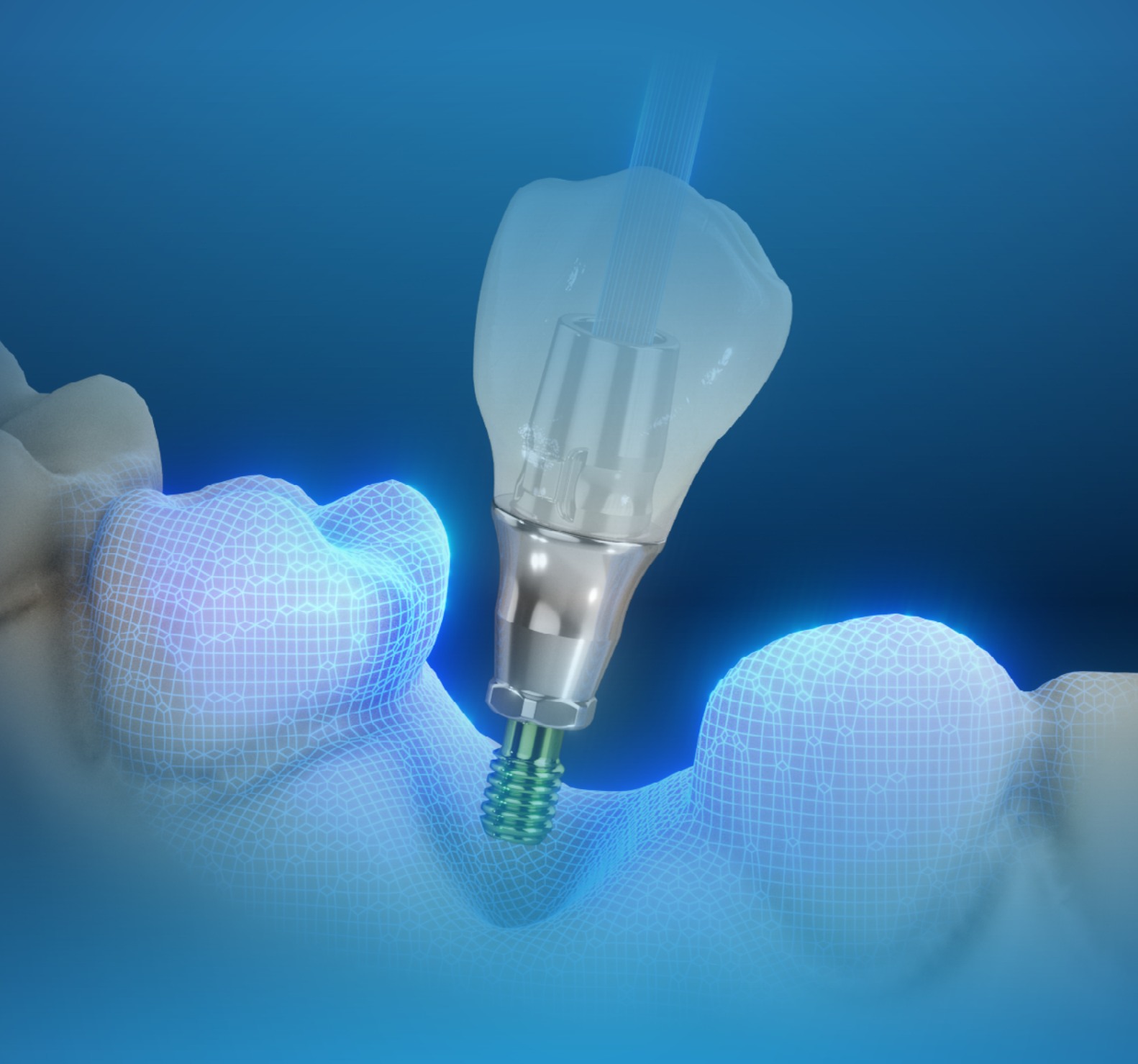
**Material:** Stainless steel & titanium

**Recommended Tightening Torque :** Ratchet and motor drivers - CHC -20 NCM | CS - 30 NCM

**For the full Omnibase portfolio:**

- Conical Standard (CS) connection, see pages 66-67
- Conical Narrow Connection (CHC) connection, see pages 80-81





# DIGITAL SOLUTIONS

## ADVANCED DENTISTRY FOR PRECISION & CONFIDENCE

At Alpha- Bio Tec. we embrace technological advancement and dentistry digitalization to support the present and future needs for you & your patients. Our Guided Surgery Tool Kit (GSTK) is supported by a variety of digital planning software, making your work simpler, more precise, and minimally invasive, for your patients' confidence & comfort. Our digital CAD/CAM line offers a wide range of restoration products for Alpha-Bio Tec.'s Conical & Internal Hex connections.



# GUIDED SURGERY TOOL KIT GSTK

**GUIDING YOU TO CLINICAL SUCCESS WITH EASE & CONFIDENCE**

Everything you need for performing accurate and predictable guided surgery procedures using one comprehensive, autoclavable, color-coded kit.

*\*Available in selected countries only, subject to regulatory approval*

# GUIDED SURGERY TOOL KIT AT A GLANCE

- ⦿ Suitable for all Alpha-Bio Tec. implants, for fully or partial edentulous cases



- ⦿ Compatible with GSTK master sleeves (for fabrication and securing of the surgical guide)



- ⦿ Supported by a selection of guided surgery software enabling you to plan your cases with the software of your choice



- ⦿ Available in three layout configurations for enhanced efficiency & convenience:

Ref. No. KIT#65000	Full guided surgery kit for Internal Hex (IH) and Conical Narrow (CHC) implant connections
Ref. No. KIT#65002	Full guided surgery kit for Conical Standard (CS) & Conical Narrow (CHC) implant connections
Ref. No. KIT#65003	Full guided surgery kit for for all implant connections: Internal Hex (IH) and for Conical Standard (CS) and Conical Narrow (CHC) implant connections

**Note:**

- \* The GUIDED SURGERY TOOL KIT image is for illustration purposes only.
- \* The ratchet wrench is NOT included in the kit & is available for order separately.
- \* Available in selected countries only, subject to regulatory approval.

# GUIDED SURGERY TOOL KIT AT A GLANCE

The GSTK modular tray layout supports guided surgery procedures, from site preparation to final implantation



1

## SITE PREPARATION

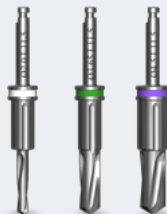


Tissue punches, drills & pins for osteotomy preparation & surgical guide anchoring



2

## OSTEOTOMY



Color coded drills for simplified, easy & intuitive drill sequence



3

## IMPLANT PLACEMENT



Implant mounts & compatible screws



4

## TOOLS & ACCESSORIES



A variety of tools for the surgical procedure



# GUIDED SURGERY TOOL KIT AT A GLANCE

## ORDERING INFORMATION

### 1 SITE PREPARATION

	TISSUE PUNCH		CRESTAL DRILL		LATERAL PIN	Ø 1.5 MILLING DRILL
	<b>SMALL</b> Ø 4.1	<b>LARGE</b> Ø 5.5	<b>SMALL</b> Ø 4.1	<b>LARGE</b> Ø 5.5		
CODE	TPS	TPL	CDS	CDL	LP	MCD1.5
REF. NO.	65003	65004	65005	65006	65047	65050

### 2 OSTEOTOMY (For each diameter and length: Qty 1)

	Ø 2.0 SURGICAL DRILLS		Ø 2.4 SURGICAL DRILLS		Ø 2.8 SURGICAL DRILLS		Ø 3.2 SURGICAL DRILLS		Ø 3.65 SURGICAL DRILLS		Ø 4.1 SURGICAL DRILLS		Ø 4.5 SURGICAL DRILLS	
LENGTH	CODE	REF. NO.	CODE	REF. NO.	CODE	REF. NO.	CODE	REF. NO.	CODE	REF. NO.	CODE	REF. NO.	CODE	REF. NO.
8 MM	CD2-8	65007	CD2.4-8	65070	CD2.8-8	65012	CD3.2-8	65017	CD3.65-8	65022	CD4.1-8	65027	CD4.5-8	65032
10 MM	CD2-10	65008	CD2.4-10	65071	CD2.8-10	65013	CD3.2-10	65018	CD3.65-10	65023	CD4.1-10	65028	CD4.5-10	65033
11.5 MM	CD2-11.5	65009	CD2.4-11.5	65072	CD2.8-11.5	65014	CD3.2-11.5	65019	CD3.65-11.5	65024	CD4.1-11.5	65029	CD4.5-11.5	65034
13 MM	CD2-13	65010	CD2.4-13	65073	CD2.8-13	65015	CD3.2-13	65020	CD3.65-13	65025	CD4.1-13	65030	CD4.5-13	65035
16 MM	CD2-16	65011	CD2.4-16	65074	CD2.8-16	65016	CD3.2-16	65021	CD3.65-16	65026	CD4.1-16	65031	CD4.5-16	65036

### 3 IMPLANT PLACEMENT

	IMPLANT MOUNT IH		IMPLANT MOUNT CS		IMPLANT MOUNT SCREW IH/CS	IMPLANT MOUNT CHC	IMPLANT MOUNT CHC SCREW
	<b>SMALL</b>	<b>LARGE</b>	<b>SMALL</b>	<b>LARGE</b>			
CODE	IMS	IML	IMSS	IMSL	IMHS	IMC	IMCS
REF. NO.	65037	65038	65064	65065	65039	65055	65056

### 4 TOOLS & ACCESSORIES

	SCREW-DRIVER	HEX DRIVER	IMPLANT MOUNT EXTENSION	HANDPIECE INSERTION ADAPTOR	IMPLANT MOUNT EXTRACTOR	UNIVERSAL SQUARE RATCHET HEAD ADAPTOR	L/S SLEEVE ADAPTOR DRIVER	SLEEVE ADAPTOR (Remove before implant insertion)	CRESTAL PIN	IMPLANT MOUNT IH DRIVERS	IMPLANT MOUNT CHC DRIVER		
	<b>SHORT</b>		<b>ONE SIZE</b> Ø 6	Ø 6		Enables use of 4 mm square driver head	Used for adapting the small diameter drills to the large sleeve (SLL)	<b>SMALL</b> <b>LARGE</b>	<b>SMALL</b> <b>LARGE</b>	<b>SMALL</b> <b>LARGE</b>	<b>SMALL</b> <b>LARGE</b>		
CODE	HHSS1.25	HTD1.25S	IMX	HIA	IME	USH	SAD	SLSA	CPS	CPL	IMSD	IMLD	IMCD
REF. NO.	4053	4056	65042	65044	65045	4012	65057	65058	65048	65049	65062	65063	65061

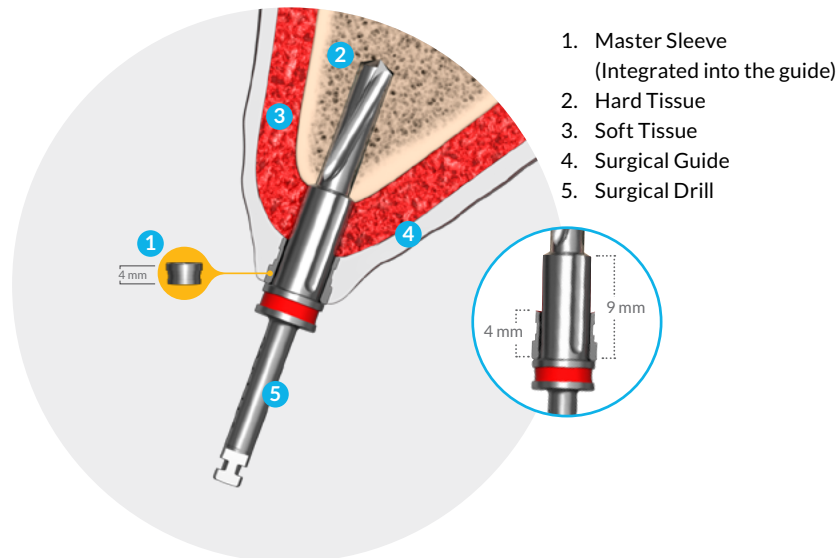
# SLEEVES




The sleeves are used in the fabrication of the surgical guide.

Master sleeves are available in two sizes:

- Small diameter SLS master sleeve for narrow diameter implants- up to Ø 3.75
- Wide diameter SLL master sleeve for standard diameter implants- Ø 4.2 and above

The securing sleeve is used for fixing the surgical guide in place, mainly for full edentulous cases



	MASTER SLEEVES For Guided Drilling & Implant Insertion		SECURING SLEEVE For Lateral Pin Support
	Ø4.1 MM	Ø5.5 MM	
			
CODE	SLS	SLL	SLSE
REF. NO.	66012	66013	66014
QTY.	5	5	5
INFO.	For Ø 3.2, Ø 3.3, Ø 3.5, Ø 3.7N, Ø 3.75 mm implants	For Ø 4.2, Ø 4.65, Ø 5.0, and Ø 5.3 mm implants	For 1.5 mm drill and lateral pin

## NOTES:

- When using the Ø5.5 mm sleeve, an adaptor should be used in the initial drilling sequence to correspond with the tool size. If sleeve adaptors are used for the site preparation and osteotomy stages, they must be removed before inserting the implant through the guide (when applicable).
- Drills and implant mounts are prolonged by a fixed 9 mm to meet the extra height attained by the surgical guide, i.e. the tool's stopper is located exactly 9 mm above the implant level.
- Master sleeves and securing sleeves are not supplied with the GSTK box.
- Sleeves are available for ordering separately (5 units per package).



# CAD/CAM

**ENABLING PRECISE, DIMENSIONALLY STABLE,  
CUSTOMIZED RESTORATIONS**

For each of our implant connections we offer a wide range of CAD/CAM parts, for ease of use and high esthetic appearance.

# CAD/CAM RESTORATIONS

## Bringing 4 decades of excellence & precision into our CAD/CAM products and digital libraries

For each of our implant-abutment connections (conical & internal hex), we offer a wide range of CAD/CAM digital solutions, for ease of use and high esthetics. All CAD/CAM components feature original Alpha-Bio Tec. connections with the exact tolerances, ensuring best reliable implant to restoration fit, and offer solutions for single tooth and bridge restorations. The CAD/CAM portfolio comprises: scan bodies, Ti-bases (titanium bases) & Omnibases.

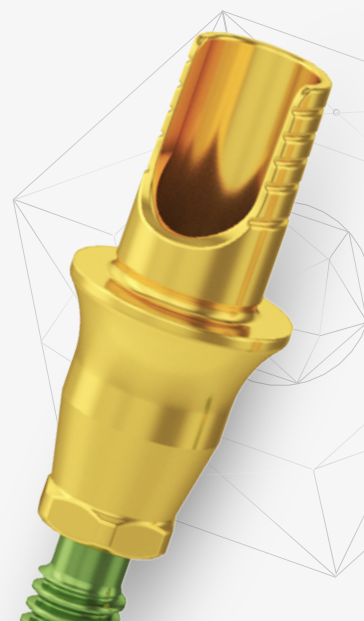
### Dual Use Scan Bodies

- Bio-compatible & autoclavable scan bodies for intra-oral & desktop scanning.
- Unique geometry for the precise and accurate transfer of implant position, trajectory and orientation to the CAD system.
- Body made of PEEK, a biocompatible material, which allows the optical digital detection in the scanned region.
- Base made of titanium, also a biocompatible material. The base provides support for the top part, even after repeated use.



### Titanium Bases (Ti-bases)

- Used as bases for digital restorations
- Available in a wide range of gingival heights



## Pre-Milled Blanks

- Used as raw material for CAM fabrication of a single (monolithic) titanium abutment
- Original pre-milled implant connection is fabricated with the exact tolerances, ensuring best reliable implant to restoration fit.
- Fits Medentika's® Preface abutment holder



## Adhesive Copings

- Used as adapters for screw-retained zirconia restorations at abutment level
- For multi-unit angled and straight abutments (TCT-N connection)
- Indicated in cases in which a metal frame is not planned (since zirconia restorations may not withstand the screw forces)
- A direct mounting screw is available for restorations without adhesive copings



## CAD/CAM Software Libraries

- Contain all relevant CAD/CAM components: Scan Bodies, Ti-Bases, Adhesive Copings, Pre-Milled Blanks, Screws & Analogs.
- Enable simple and easy restoration design and manufacturing process
- Support all Alpha-Bio Tec. implant connections

3shape 

exocad

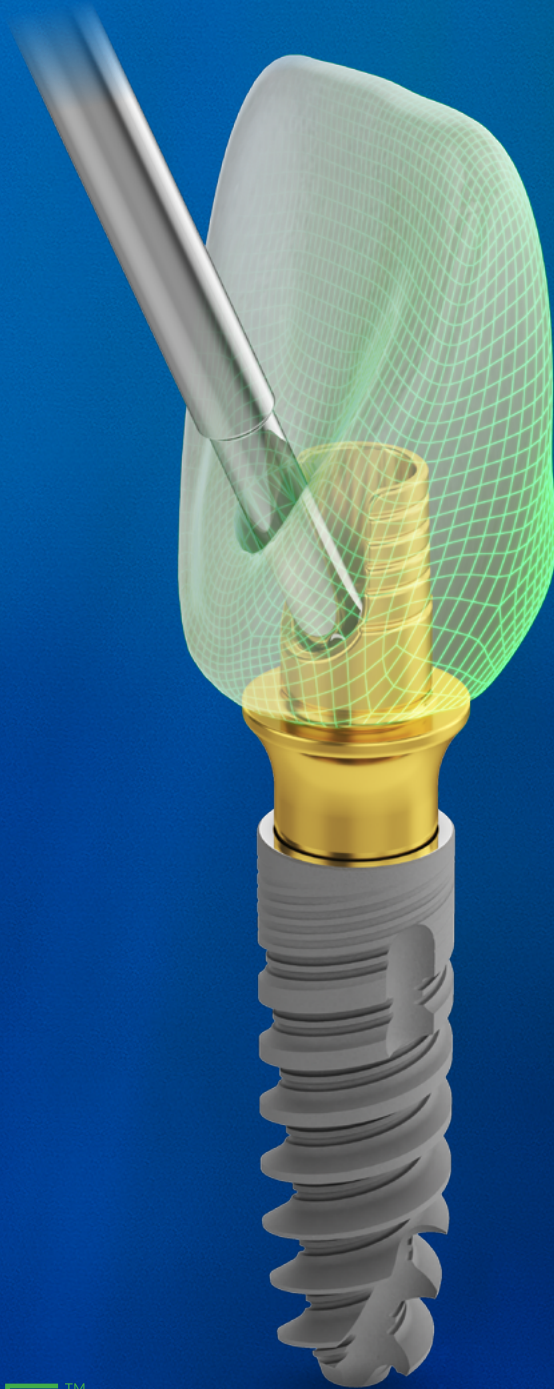
 dental wings

View the Full CAD/CAM prosthetic portfolio for all Alpha-Bio Tec. implant-abutment connections:

- Conical Standard (CS)- **pages 57-70**
- Conical Narrow (CHC)- **pages 71-85**
- Internal Hex (IH)- see **pages 86-103**

Visit our website to download Alpha-Bio Tec. digital libraries for CAD/CAM systems





omniBASE™

**EXPERIENCE FREEDOM**

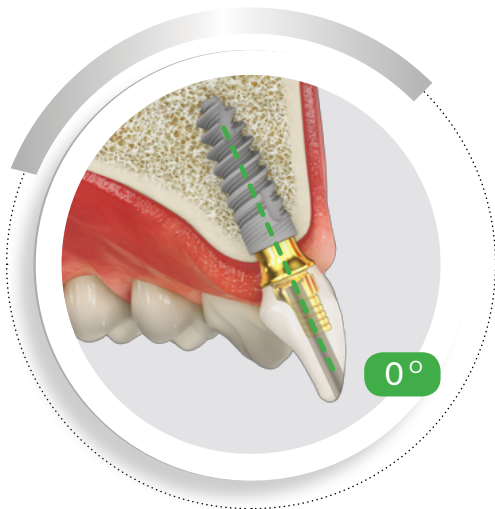
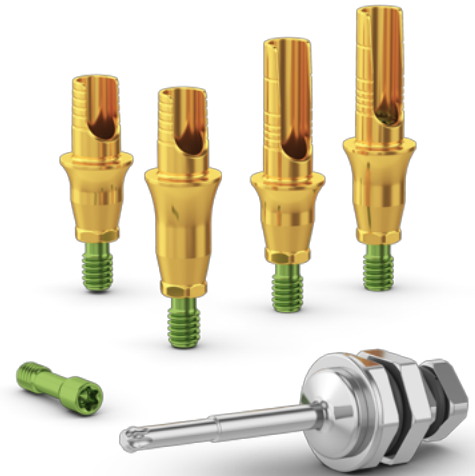
FLEXIBILITY & ESTHETICS FROM A NEW ANGLE

## Experience Freedom: Flexibility & Esthetics from a New Angle

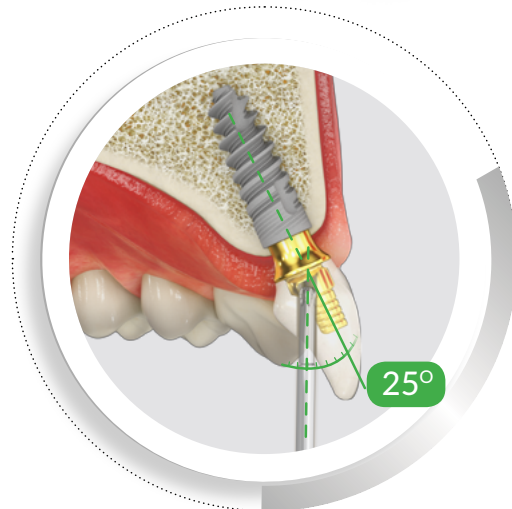
Screw-retained implant-supported restorations have proven advantages over cement-retained restorations, such as retrievability, no risk of residual cement & fewer biological complications. However, it is not always possible to place implants in the ideal angulation for screw retained restorations.

Alpha-Bio Tec. Omnibase abutments are designed to resolve this challenge.

The Omnibase is a Ti-Base used in CAD/CAM screw-retained restorations and enables the dental technician the flexibility to design a restoration with a screw access channel at a favorable position & angle (0°- 25°). This is particularly beneficial for improving esthetics, greater accessibility in the anterior region & in limited occlusal spaces.



SCREW ACCESS CHANNEL AT 0°



SCREW ACCESS CHANNEL AT A FAVORABLE POSITION 25°

The Omnibase Ti-Bases have a narrow concave emergence profile & are suitable for cases of subcrestal implant placement.

### DESIGN FEATURES & CLINICAL BENEFITS

- Standard & customizable Ti-bases
- A wide range of gingival heights
- Retrievable screw for ease of use & maintenance
- New concave emergence profile & gold anodization
- Suitable for subcrestal implant placement
- High esthetic results

■ Supporting digital libraries: exocad™, 3shape™

■ For the full Omnibase portfolio:

- Conical Standard (CS) connection, see pages 66-67
- Conical Narrow Connection (CHC) connection, see pages 80-81





# REGENERATIVE SOLUTIONS

## STABILITY AND GROWTH

Alpha-Bio Tec. offers a range of regenerative materials, suitable for a variety of clinical indications, to enable you to perform safe and successful Guided Bone Regeneration (GBR) and Guided Tissue Regeneration (GTR) procedures.

# xenobone Bovine Bone Graft Material

Bovine bone graft material for stability & Growth

With Alpha-Bio Tec. xenobone™, you provide your patients with predictable, osseo-regenerative, and highly reliable, long-term treatment outcomes. Made from 100% BSE-free, Australian origin cancellous bovine bone, Alpha-Bio Tec. xenobone's multi-porous structure and unique Octacalcium Phosphate (OCP) coating, enhances predictability, bone formation, and stability in any bone regeneration procedure.

## Features & Clinical Advantages



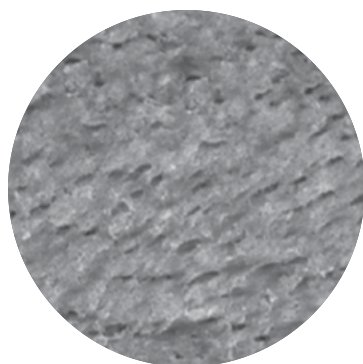
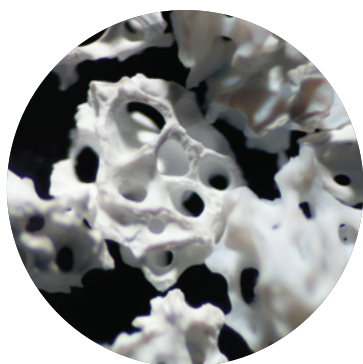
Enabling the attraction of blood to the graft, an essential step for new bone formation



Allowing capillaries ingrowth, creating pathways for the osteoprogenitor cells to the regeneration site



Promoting osteoblast differentiation and induces new bone formation



## Clinical Indications

- SINUS FLOOR AUGMENTATION
- SOCKET AND RIDGE PRESERVATION
- VERTICAL AND HORIZONTAL BONE AUGMENTATION
- BONE DEFECT FOLLOWING CYSTECTOMIES
- PERIODONTAL DEFECTS
- PERI-IMPLANT DEFECTS
- APICOECTOMIES

# xenobone Bovine Bone Graft Material

Bovine bone graft material for stability & Growth

## Essential & Technical Information:

- For your Convenience, cancellous xenogenic bone grafts are available in 3 application forms: vial, syringe or block. Vial & syringe are available in 3 granule sizes: 0.2-1mm, 0.5-1.2mm & 1.2-1.7mm
- **Safety first!** All products are sterilized by gamma radiation and are tested for virus inactivation, toxicity, biocompatibility and animal comparison.
- Storage conditions: dry conditions at ambient temperature of 15°-25° C.
- Each product is indicated for single use only!

REF. NO.	PRODUCT DESCRIPTION
25-0512	Alpha-Bio Tec xenobone™ 0.25g/0.6cc 0.5 - 1.2mm
05-0512	Alpha-Bio Tec xenobone™ 0.5g/1.2cc 0.5 - 1.2mm
10-0512	Alpha-Bio Tec xenobone™ 1g/2.3cc 0.5 - 1.2mm
20-0512	Alpha-Bio Tec xenobone™ 2.0g/4.5cc 0.5 - 1.2mm
25-1217	Alpha-Bio Tec xenobone™ 0.25g/0.75cc 1.2 - 1.7mm
05-1217	Alpha-Bio Tec xenobone™ 0.5g/1.5cc 1.2 - 1.7mm
10-1217	Alpha-Bio Tec xenobone™ 1.0g/3.0cc 1.2 - 1.7mm
20-1217	Alpha-Bio Tec xenobone™ 2.0g/6.0cc 1.2 - 1.7mm
25-0210	Alpha-Bio Tec xenobone™ 0.25g/0.45cc 0.2 - 1.0mm
05-0210	Alpha-Bio Tec xenobone™ 0.5g/0.8cc 0.2 - 1.0mm
10-0210	Alpha-Bio Tec xenobone™ 1.0g/1.5cc 0.2 - 1.0mm
20-0210	Alpha-Bio Tec xenobone™ 2.0g/3.0cc 0.2 - 1.0mm
BLK8812	Alpha-Bio Tec xenobone™ Block 8 x 8 x 12mm
BLK8825	Alpha-Bio Tec xenobone™ Block 8 x 8 x 25mm
S25-0512	Alpha-Bio Tec xenobone™ Syringe 0.25g/0.6cc 0.5-1.2mm
S05-0512	Alpha-Bio Tec xenobone™ Syringe 0.5g/1.2cc 0.5-1.2mm
S25-1217	Alpha-Bio Tec xenobone™ Syringe 0.25g/0.75cc 1.2 - 1.7mm
S05-1217	Alpha-Bio Tec xenobone™ Syringe 0.5g/1.5cc 1.2 - 1.7mm
S25-0210	Alpha-Bio Tec xenobone™ Syringe 0.25g/0.55cc 0.2 - 1.0mm
S05-0210	Alpha-Bio Tec xenobone™ Syringe 0.5g/1.1cc 0.2 - 1.0mm



**Vial containing graft particles**

🕒 Shelf-life: 3 years



**Block**

🕒 Shelf-life: 3 years

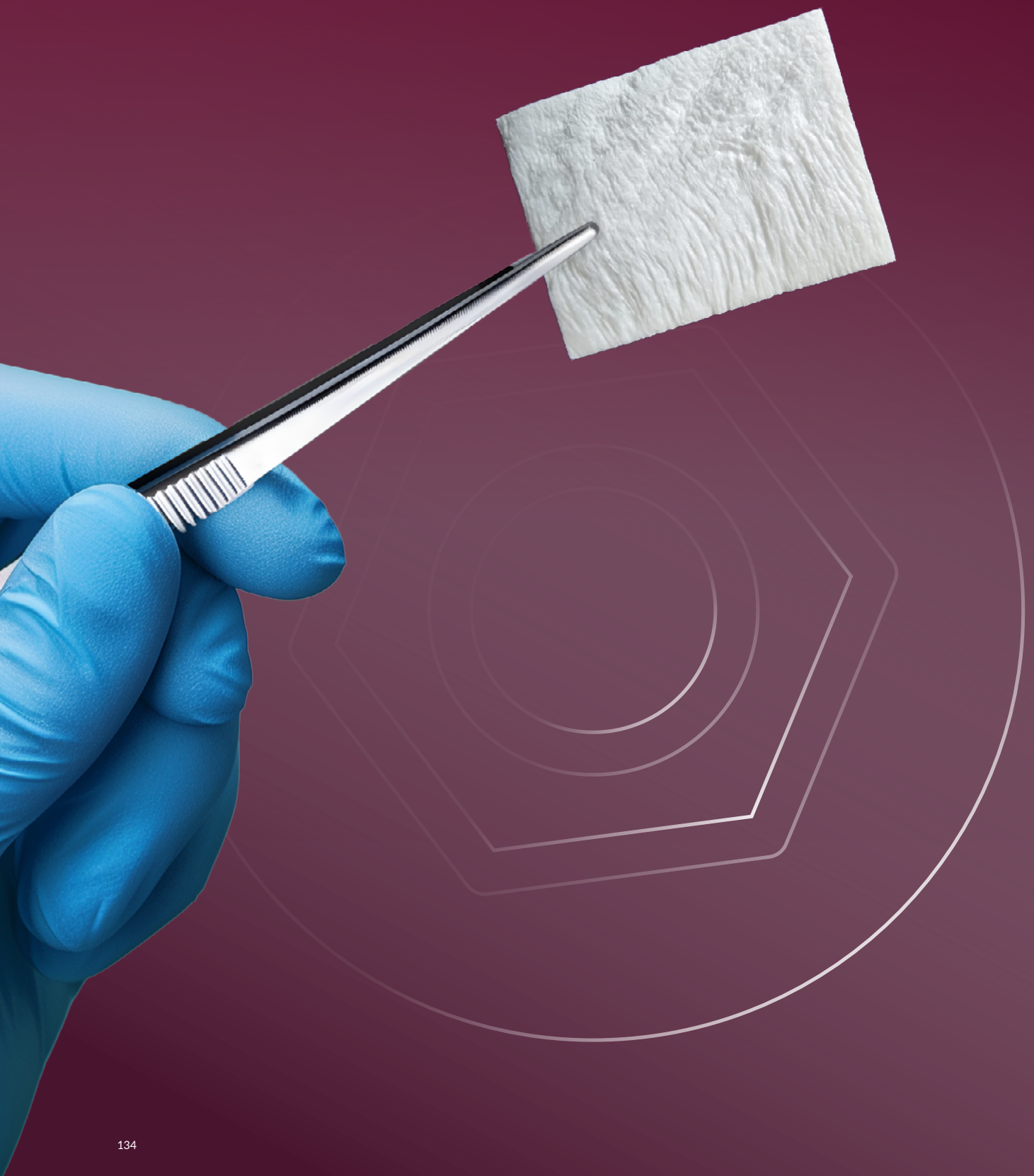


**Syringe**

🕒 Shelf-life: 2 years

# T-GEN COLLAGEN MEMBRANE

A Growing Success



# T-GEN COLLAGEN MEMBRANE

## A Growing Success

Alpha-Bio's Graft Collagen Membrane is a reliable biodegradable (absorbable) barrier, made of purified collagen without cross-linking or chemical treatment, intended for use in a wide range of osseous regenerative indications.

### Clinical Indications

- Guided Bone Regeneration (GBR) procedures, e.g.:
  - Extraction socket preservation
  - Site preparation for implant placement
  - Alveolar ridge preservation
  - Fenestration & periodontal defects
  - Sinus floor augmentation
  - Apicoectomy
- Guided Tissue Regeneration (GTR) procedures

### Features & Benefits



#### High Stability

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- Excellent tear resistance during surgery
- Prolonged barrier function and duration: degradation time approx. 3 months



#### Good Tissue Integration

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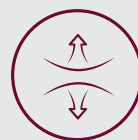
- Fast blood supply to the defect
- Lower incidence of a dehiscence



#### Fast Hydration & Excellent Flexibility

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- Adapts and contours to surfaces more firmly
- Good adaptation to the defect



#### Easy Handling

---

- Easy to shape & adapt
- No need of distinction
- Good adaptation to various defects

# T-GEN COLLAGEN MEMBRANE

A Growing Success

## Ordering Information

REF. NO.	PRODUCT DESCRIPTION	SIZE
TG-1	TG-1 15*20mm	15 mm x 20 mm



REF. NO.	PRODUCT DESCRIPTION	SIZE
TG-2	TG-2 20*30mm	20 mm x 30 mm



REF. NO.	PRODUCT DESCRIPTION	SIZE
TG-3	TG-3 30*40mm	30 mm x 40 mm

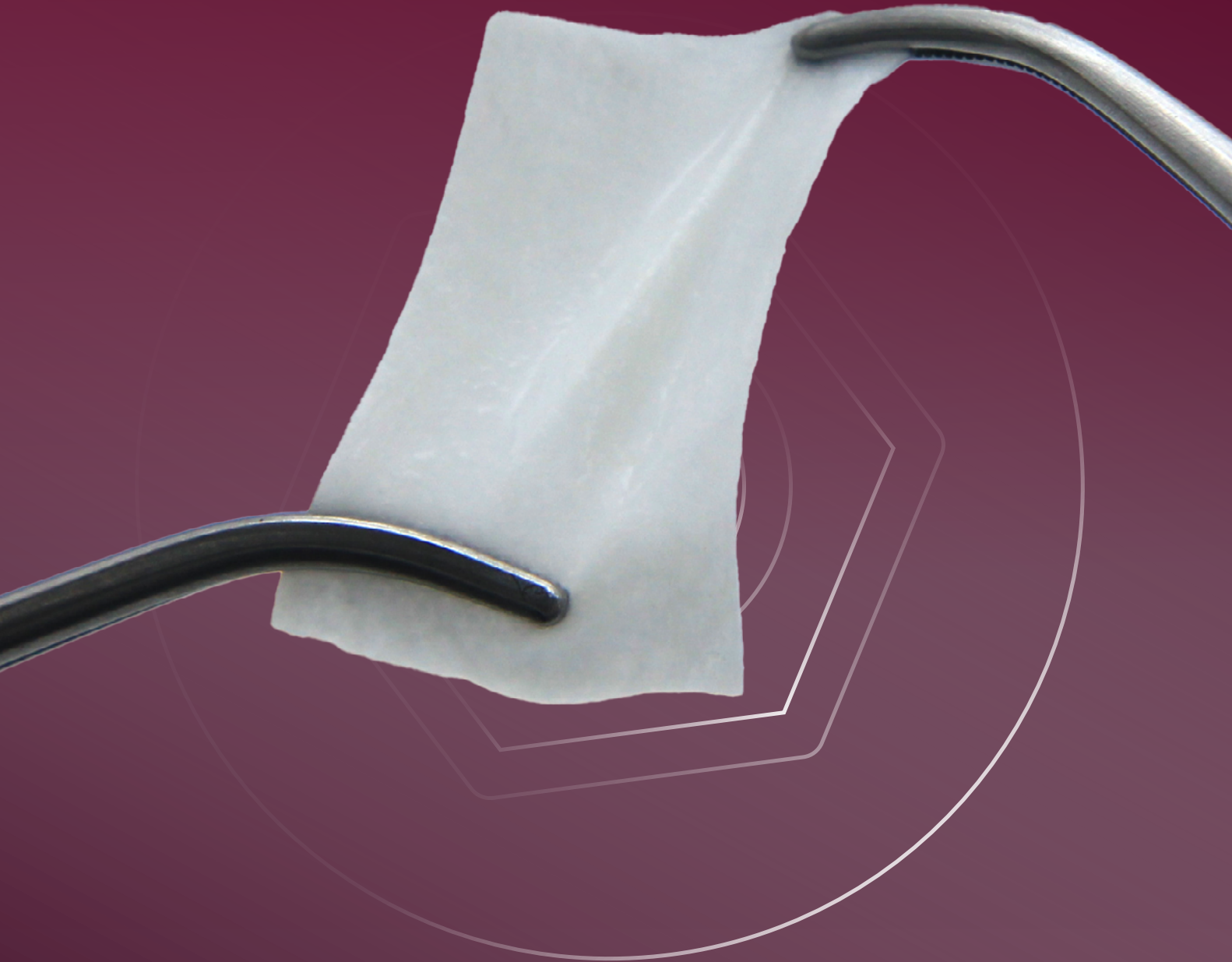


All membranes are presented in actual size 1:1



# T-GEN COLLAGEN MEMBRANE

A Growing Success







**INDEX**

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4557	BD4.5	Alpha Straight Drill_D4.5	109
4558	BD4.8	Alpha Straight Drill_D4.8	109
4559	BD5.2	Alpha Straight Drill_D5.2	109
4560	BD5.8	Alpha Straight Drill_D5.8	109
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4562	DS-A-L8	Alpha Drill Stopper A-D2.0-2.4 L8	110
4563	DS-A-L10	Alpha Drill Stopper A-D2.0-2.4 L10	110
4564	DS-A-L11.5	Alpha Drill Stopper A-D2.0-2.4 L11.5	110
4565	DS-A-L13	Alpha Drill Stopper A-D2.0-2.4 L13	110
4566	DS-B-L6	Alpha Drill Stopper B-D2.8-3.0 L6	110
4567	DS-B-L8	Alpha Drill Stopper B-D2.8-3.0 L8	110
4568	DS-B-L10	Alpha Drill Stopper B-D2.8-3.0 L10	110
4569	DS-B-L11.5	Alpha Drill Stopper B-D2.8-3.0 L11.5	110
4570	DS-B-L13	Alpha Drill Stopper B-D2.8-3.0 L13	110
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4573	DS-C-L6	Alpha Drill Stopper C-D3.2-3.65 L6	110
4574	DS-C-L8	Alpha Drill Stopper C-D3.2-3.65 L8	110
4575	DS-C-L10	Alpha Drill Stopper C-D3.2-3.65 L10	110
4576	DS-C-L11.5	Alpha Drill Stopper C-D3.2-3.65 L11.5	110
4577	DS-C-L13	Alpha Drill Stopper C-D3.2-3.65 L13	110
4578	DS-D-L6	Alpha Drill Stopper D-D4.1-4.5 L6	110
4579	DS-D-L8	Alpha Drill Stopper D-D4.1-4.5 L8	110
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4581	DS-D-L11.5	Alpha Drill Stopper D-D4.1-4.5 L11.5	110
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4592	BSD2.4/2.8	Alpha Step Drill_2.4/2.8	109
4593	BSD2.8/3.0	Alpha Step Drill_2.8/3.0	109
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4950	DRT5	Trephine Drill D5.0mm	111
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4962	CCTB-1.5-AR-IH	CAD/CAM Titanium Base 1.5 IH Engaged	99
4963	CCTB-2.5-AR-IH	CAD/CAM Titanium Base 2.5 IH Engaged	99
4964	CCTB-0.75-R-IH	CAD/CAM Titanium Base 0.75 IH Non Engaged	99
4965	CCTB-1.5-R-IH	CAD/CAM Titanium Base 1.5 IH Non Engaged	99
4966	CCTB-2.5-R-IH	CAD/CAM Titanium Base 2.5 IH Non Engaged	99
4980	CCTB-IH-SI	Sirona CAD/CAM Ti Base	100
4982	CCTB-CHC-SI	Sirona CAD/CAM Ti Base-CHC	79
4984	CCSP-IH-SI	Sirona CAD/CAM Scan Post	100
4985	CCSP-CHC-SI	Sirona CAD/CAM Scan Post-CHC	79
4988	BA-PF-IH	Premilled blank IH	99
4989	WBA-PF-IH	Premilled blank IH	99
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5134	TLAL25	Titanium Lock Abutment 25° Long	94
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5170	HLTS	Short Closed Tray Transfer	90
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5453	CCTB-0.75-R-CHC	CAD/CAM Titanium Base 0.75 CHC Non Engaged	79
5454	CCTB-1.5-R-CHC	CAD/CAM Titanium Base 1.5 CHC Non Engaged	79
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