

MULTINeo™

ONE IMPLANT **MULTIPLE OPTIONS**

The MultiNeO™ implant is based on over three decades of proven clinical studies & experience and it is a direct derivative of the company's mission to provide high quality, innovative, simple to use products.

For more information on the MultiNeO implant system, refer to the following sections:

MultiNeO Implant Internal Hex Connection- Page 30

MultiNeO Implant Conical Narrow Connection- Page 61

MultiNeO Implant Conical Standard Connection- Page 81



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SIMPLANTOLOGY, IN EVERYTHING WE DO!

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

DELIVERING TOP-QUALITY, SIMPLE-TO-USE PRODUCTS

We have mastered the art of simplifying implant technology by developing a surgical kit that fits all our products - implants, abutments and surgical tools. Our surgical kit includes basic surgical instrumentation to advanced therapy tools, and is compatible with all product systems. This means that fewer tools are needed to achieve successful results. It simplifies the workflow and minimizes the learning curve. With an overall implant clinical survival rate of 99.6%*, our top-quality implant systems are based on two platforms and three connections with a simple restoration process.

LEVERAGING EXPERIENCE AND TECHNOLOGIES

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

UTILIZING RESEARCH AND EXPERTS

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

TRAINING AND EDUCATING OUR CUSTOMERS

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

EMBRACING THE DIGITALIZATION OF THE DENTAL WORLD

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

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



IMPLANT SYSTEMS

From Internal Hex implants to Conical Hex implants, we offer an entire range of implants, so that each physician can find the precise and most convenient implant to work with at any given moment.

PROSTHETICS & CAD/CAM

For each of our implant connections we offer a wide range of options for any clinical need, including fixed and removable restorations, screw based, cemented prosthesis and a wide range of digital CAD/CAM parts. All parts are designed for ease of use and high esthetic appearance.

SURGICAL INSTRUMENTATION

Our universal surgical kit is another demonstration of Alpha-Bio Tec's commitment to simplicity. This one kit provides surgeons all the tools needed to perform most of the procedures, from marking the drilling point to inserting the implant into its final position. Implant orientation tools for the final restoration are also included. Each kit can be customized to meet the dental professional needs. In addition, as digital enablers, Alpha-Bio Tec's Guided Surgery Tool Kit enables accurate and predictable implant procedures using the planning software of the dentist's choice.



1988
Alpha-Bio Tec.
is founded

1999
Launch of
DFI implant

2005
Launch of
Arrow line

1996
Launch of
ATID implant

2003
Launch of
Spiral implant

2013
Launch of
ICE implant

**ALPHA-BIO TEC. HAS MASTERED
THE ART OF INCORPORATING
IMPLANTS AND IMPLANT
BASED PROSTHETICS INTO THE
DAILY ROUTINE OF DENTAL
PROFESSIONALS, BY DEVELOPING
PRODUCTS THAT ARE
SOPHISTICATED BY DESIGN
AND VERY SIMPLE TO USE.**

ALPHA-BIO TEC. OFFERS:

- High quality products
- A range of implant systems for surgical procedures in bone types I-IV.
- Solutions for immediate or delayed implant placement & loading in wide or narrow ridges.



2014

Launch of
NICE implant



2016

Launch of
MultiNeO implant



2020

Move to new
modern facilities



2015

Launch of CAD/CAD
Digital Solutions



2017

Launch of Alpha Universe
Multi-Unit One Piece

SMART IMPLANTOLOGY SOLUTIONS

TOP QUALITY PRODUCTS

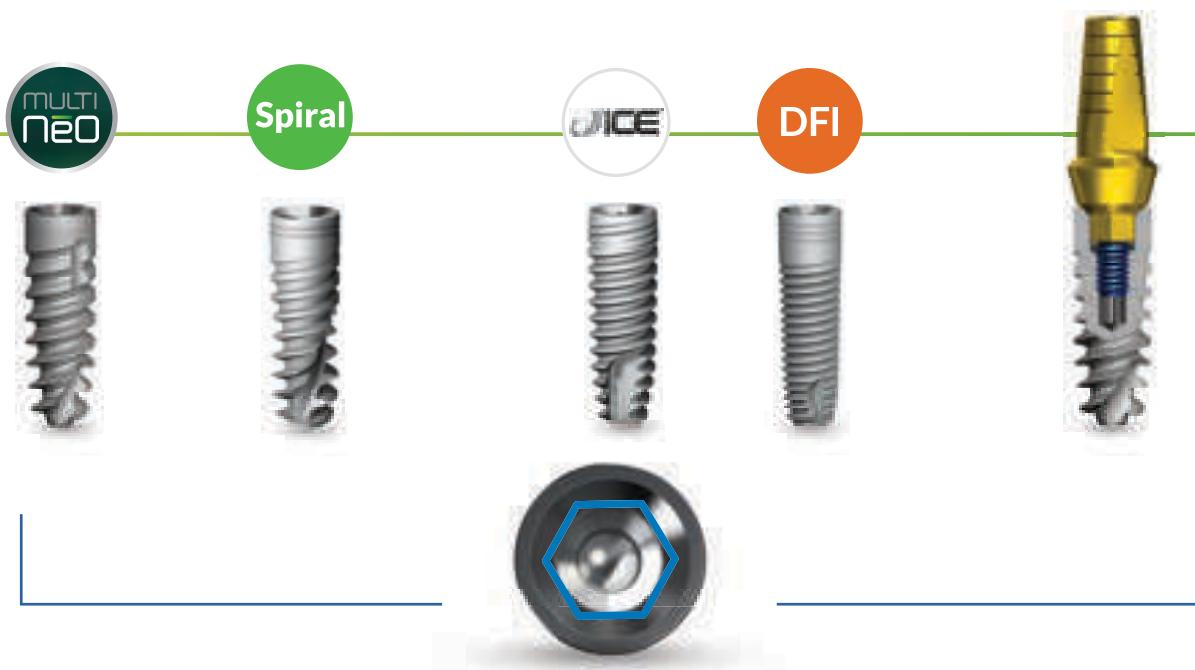
SIMPLIFIED IMPLANTOLOGY:

Alpha-Bio Tec. implant system is:

- Innovative and easy to use
- Offers simple solutions
- Requires fewer instruments
for the procedure



$\varnothing 3.3$, $\varnothing 3.7N^*$, $\varnothing 3.75$, $\varnothing 4.2$, $\varnothing 4.65^*$, $\varnothing 5.0$, $\varnothing 5.3^*$, $\varnothing 6^*$



* Diameters available for certain implants only.

Diameters and length information for the various implant systems is available on the respective pages.



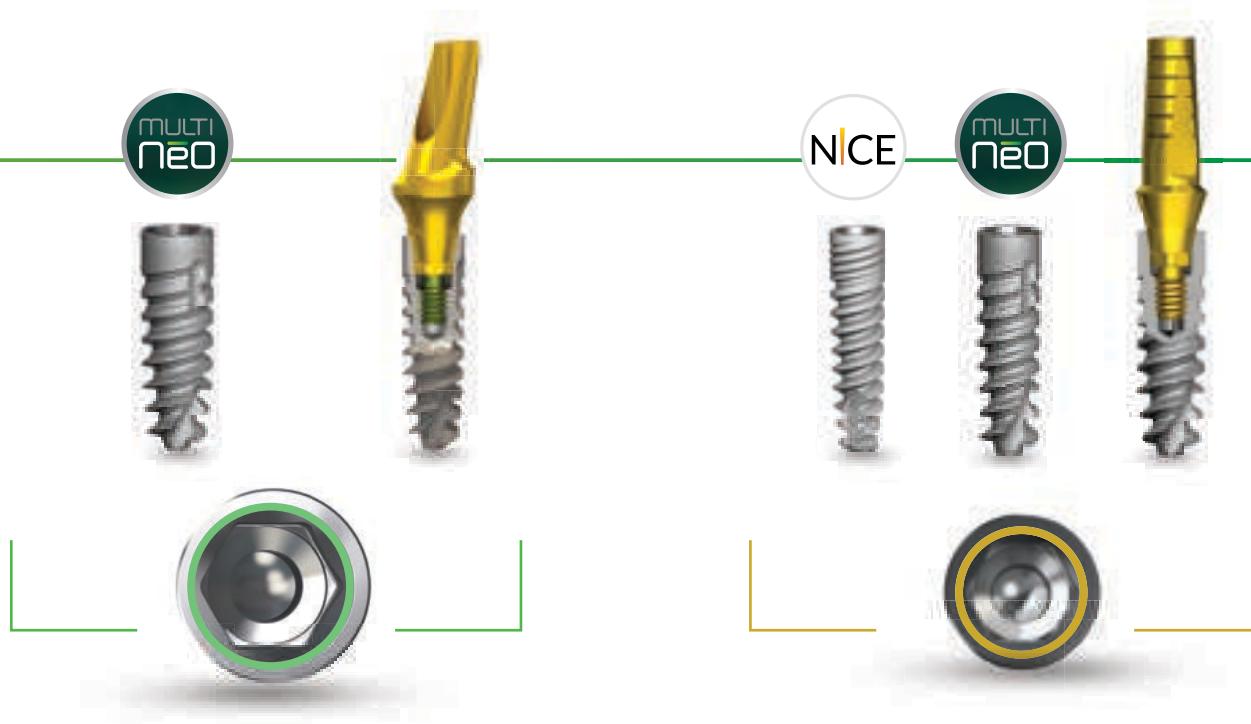
Conical Standard
Connection (CS)

$\varnothing 3.75$, $\varnothing 4.2$, $\varnothing 5.0$



Conical Narrow
Connection (CHC)

$\varnothing 3.2$, $\varnothing 3.5^*$



* Diameters available for certain implants only.

IMPLANT SURFACE



Worldwide scientific research has proven that the implant surface plays a pivotal role in achieving osseointegration. It has been well documented that surface characteristics of implanted materials highly influence the healing and growth of tissues adjacent to the implant surface.

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

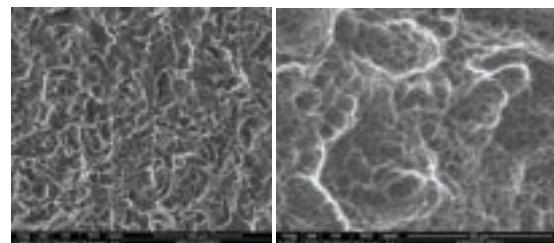
NanoTec implant surface is achieved through a process that involves sandblasting and a double thermal etching for the creation of micropores (sized 1-5 microns). This unique process creates a high surface area differentiation, increases the three-dimensional (3D) surface area and thus, enables a more intense absorption of blood and plasma proteins directly into the implant's micropores immediately after its placement.

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

The NanoTec process creates a high surface area which contributes to:

- Early osseointegration immediately after placement
- High long-term BIC (Bone to Implant Contact)
- Increased secondary stability
- Higher predictability

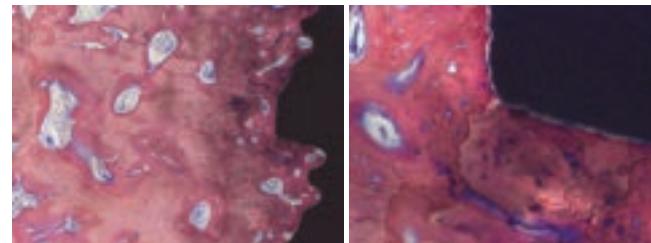
SEM of implant surface



Magnification: X 1000

Magnification: X 3000

Histology of the MultiNeo Implant*



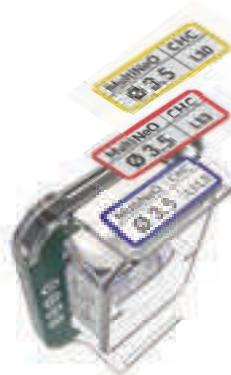
* References: Light Microscopy images of the non-decalcified histology staining with Toluidine Blue – Fuchsin. Parietal bone of Sinclair mini pig. The study was performed at GLPigs, the Pre- Clinical Research Unit at Assaf Harofeh Medical Center, Israel. The surgeries were performed by Prof. Ofer Moses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

ADVANCED IMPLANT PACKAGE



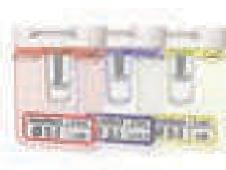
IMPLANT PACKAGE

A modern and easy-to-use implant package with enhanced ergonomics.



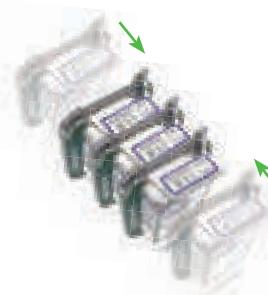
IDENTIFICATION LABELS

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



COLOR-CODED HOLDER

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



STACKABLE PACKAGING

The unique design enables efficient storage & easy visual identification.



- 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.

KITS, DRILLS & TOOLS

Alpha-Bio Tec. is dedicated to making the work of dental professionals as simple as possible. Therefore, we have developed one universal kit with all the tools needed to perform most of the clinical procedures. Each kit can be customized both in size and in tray content to meet clinical needs.

In addition, all drills and tools presented in this chapter are compatible with all implant systems and prosthetic parts (unless indicated otherwise).

ONE KIT FOR ALL IMPLANT SYSTEMS

SURGICAL KIT

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



- Ergonomic, light and compact, easy to carry
- Clear, color-coded visual design, provides easy and intuitive accessibility
- Laser etched marking on the tray including a dimension bar for effective drill depth verification
- Autoclaveable
- Box and tray are made of Radel®
- Stainless steel bath
- Box dimensions : 19 cm X 14 cm X 6 cm

ORDERING INFORMATION: REF. NO. 4699

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



MINI SURGICAL BOX

A light and compact design for your individual needs.

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

ORDERING INFORMATION:

REF. NO. 4611 Straight drills mini kit

REF. NO. 4774 Step drills mini kit

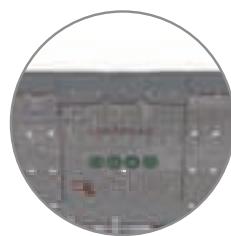
REF. NO. 4775 Step drills mini kit without dish

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

ONE KIT FOR ALL IMPLANT SYSTEMS



One kit for all implants



One-hand opening option



Coated drills



Dimension bar for drill depth

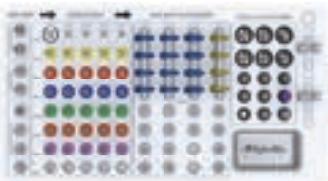
The kits demonstrated are for illustration purposes only. Contents may vary in different markets.

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

GUIDED SURGERY TOOL KIT (GSTK)

Use the software of your choice with the Alpha-Bio Tec. GSTK

THE KIT IS AVAILABLE IN 3 DIFFERENT CONFIGURATIONS:

	Ref., KIT#65000	Full guided surgery kit for Internal Hex (IH) and Conical Narrow Connections (CHC)
	Ref., KIT#65002	Full guided surgery kit for Conical Standard (CS) and Conical Narrow Connections (CHC)
	Ref., KIT#65003	Full guided surgery kit for Internal Hex (IH), Conical Standard (CS) and Conical Narrow Connections (CHC)

* Note: The ratchet is NOT included in the kit.



GUIDED SURGERY TOOL KIT (GSTK)

Use the software of your choice with the Alpha-Bio Tec. GSTK

The tray features a modular layout.

The contents are organized to support the entire guided surgery procedure from site preparation to final implantation.

All kit components fit the matching master sleeves.



1

SITE
PREPARATION

2

OSTEOTOMY

3

IMPLANT
PLACEMENT

4

TOOLS &
ACCESSORIES



SURGICAL INSTRUMENTATION

STOPPER KIT

- Compact, ergonomic and esthetic design
- Properly organized, all parts are clearly visible and easily accessed
- Laser markings on both box and stoppers
- Easy cleaning and autoclavable
- Dedicated stoppers extractions grooves
- Materials: Box - Radel®, Cover - PPHT
- Dimension: 13 cm X 9.5 cm X 3 cm

ORDERING INFORMATION: REF. NO. 4612

Kit is provided with 20 stoppers



DRILL STOPPERS

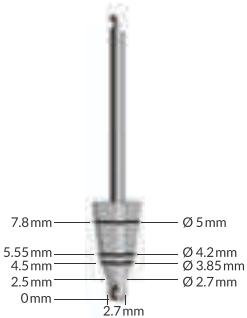
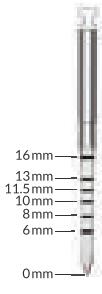
- Compatible with Alpha-Bio Tec. coated DNT² surgical drills
- The stoppers are made from stainless steel, are reusable and autoclavable.

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

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

SURGICAL DRILLS AND TREPHINES

OTHER DRILLS (STAINLESS STEEL)

	COUNTERSINK	DRILL EXTENSION	MARKING DRILL
			
Diameter	2.7-5.9 mm		1.5 mm
Code	CS	DX	MRDX1.5
Ref. No.	4672	4240	4712C
Instructions	For preparation of a bevel within the cortical plate of the alveolar crest	Extends drills by 17.5 mm	For marking of the cortical plate of the alveolar crest

ROUND BURR (STAINLESS STEEL)

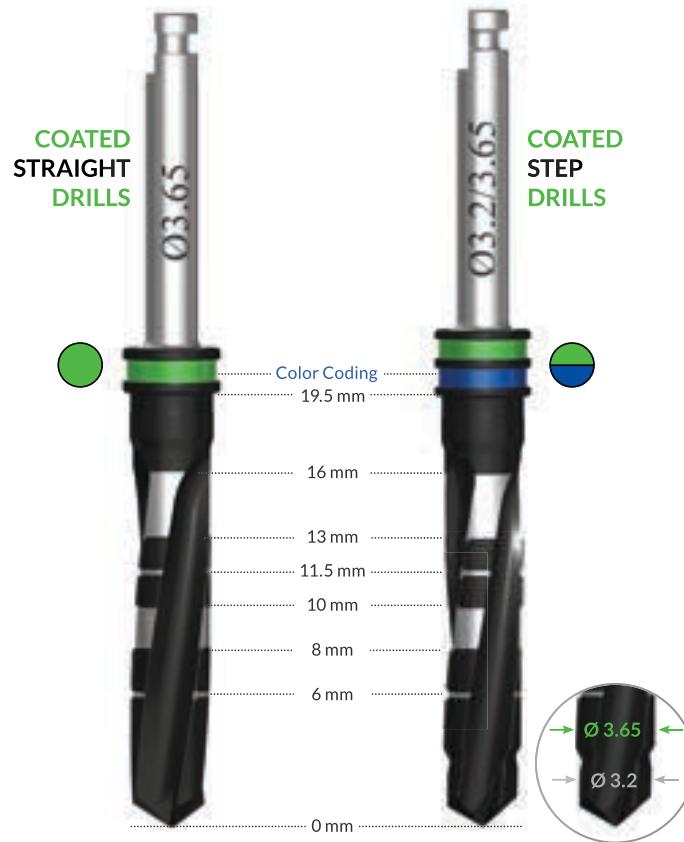
	Diameter	3 mm
	Code	RB3
	Ref. No.	4304
Instructions	For various bone manipulations, such as penetration of the cortical plate of the alveolar crest	

TREPHINE BURS (STAINLESS STEEL)

	Diameter	4 mm	5 mm
	Code	DRT4	DRT5
	Ref. No.	4940	4950
Instructions	For bone harvesting and implant removal		

COATED DRILL LINE

- A comprehensive, easy to use drill line
- Color coded
- High contrast and clear depth marks
- Multi-layer dark grey coating
- Long life span and high corrosion resistant
- Compatible with all drill stoppers



COATED STRAIGHT DRILLS

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

COATED STEP DRILLS

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

ILLUSTRATION OF THE DRILLING PROTOCOL FOR THE MULTINEO IMPLANT
Ø3.75 / 13 MM IMPLANT, USING **STEP DRILLS** IN BONE TYPE II / III.



1 Drill with the 2 mm drill



2 Drill with the 2.4 / 2.8 mm step drill



3 Drill with the 2.8 / 3.2 mm step drill



4 Insert the implant into the prepared osteotomy

ILLUSTRATION OF THE DRILLING PROTOCOL FOR THE MULTINEO IMPLANT
Ø3.75 / 13 MM IMPLANT, USING **STRAIGHT DRILLS** IN BONE TYPE II / III.



1 Drill with the 2 mm drill



2 Drill with the 2.8 mm straight drill



3 Drill with the 3.2 mm straight drill 3mm shorter than the implant's length



4 Insert the implant into the prepared site

IMPLANT INSERTION TOOLS

IMPLANT INSERTION TOOLS FOR CONICAL NARROW CONNECTION (CHC)



	SHORT 2.1 mm	STANDARD 2.1 mm	LONG 2.1 mm	SHORT MOTOR MOUNT 2.1 mm	LONG MOTOR MOUNT 2.1 mm	MANUAL 2.1 mm
Code	ITD2.1S-CHC	ITD2.1-CHC	ITD2.1L-CHC	IT2.1S M-CHC	IT2.1L M-CHC	MITD2.1 CHC
Ref. No.	7302	7305	7301	7304	7303	4147
Instructions	Fits hexagonal 6.35 mm or square 4 mm ratchet		For use with a contra-angle motor	For manual use		

IMPLANT INSERTION TOOLS FOR CONICAL STANDARD CONNECTION (CS)



	SHORT DRIVER 2.5 mm	LONG 2.5 mm	SHORT MOTOR MOUNT 2.5 mm	LONG MOTOR MOUNT 2.5 mm	MANUAL 2.5 mm
Code	ITD2.5 S CS	ITD2.5 L CS	IT2.5 SM CS	IT2.5 LM CS	MITD2.5-CS
Ref. No.	3801	3803	3804	3805	3806
Instructions	Fits hexagonal 6.35 mm or square 4 mm ratchet		For use with a contra-angle motor	For manual use	

IMPLANT INSERTION TOOLS

IMPLANT INSERTION TOOLS FOR INTERNAL HEX CONNECTION (IH)



SHORT 2.5 mm	STANDARD 2.5 mm	LONG 2.5 mm	SHORT MOTOR MOUNT 2.5/1.25 mm	LONG MOTOR MOUNT 2.5/1.25 mm	MANUAL 2.5 mm
6 mm	10 mm	16 mm	16 mm	23 mm	12 mm
Code G-ITDS2.5	Code G-ITDM2.5	Code G-ITDL2.5	Code GITS2.5/1.25	Code GITL2.5/1.25	Code MITD2.5-IH
Ref. No. 4142	Ref. No. 4141	Ref. No. 4140	Ref. No. 4145	Ref. No. 4143	Ref. No. 4146
Instructions Fits hexagonal 6.35 mm or square 4 mm ratchet			For use with a contra-angle motor		For manual use

INTERNAL HEX INSERTION DRIVERS (STAINLESS STEEL)		INTERNAL HEX CONTRA-ANGLE DRIVERS (STAINLESS STEEL)	
2.5 mm	Short 2.5 mm	Motor Mount 2.5/1.25 mm	Short Motor Mount 2.5/1.25 mm
4.0mm 9.5mm 2.5mm	4.0mm 6mm 2.5mm	27mm 5mm 4mm 3mm 2mm* 1.25mm 2.5mm	20mm 1.25mm 2.5mm
Code ITD 2.5 S	Code ITD 2.5 SS	Code IT 2.5M+	Code ITS 2.5/1.25
Ref. No. 4152	Ref. No. 4153	Ref. No. 4161	Ref. No. 4071
Instructions Compatible with hexagonal 6.35 mm or square 4 mm wrench or surgical screw driver		Instructions Used for implant insertion or tightening cover screws, healing abutments and 1.25 mm screws.	

* Compatible with Spiral, DFI and ICE implants provided in packaging with mounted implants.

PARALLEL, DEPTH GUIDES & SURGICAL ACCESSORIES

SURGICAL SCREWDRIVER
(Stainless Steel)

Ref. No. 4220
Code: SDH



Used with 6.35 mm hexagonal head.

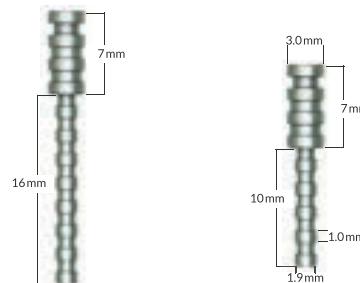
UNIVERSAL TORQUE RATCHET
10-45 Ncm (Stainless Steel)

Ref. No. 4572
Code: URT



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

PARALLEL/DEPTH GUIDE (TITANIUM)



PARALLEL GUIDE (TITANIUM)



Code

PDG

PDGS

PG

Ref. No.

4080

4081

4082

Instructions

For accurate measurement of osteotomy depth, parallel check and X-ray distortion. Each step is 1 mm.

Used for precise spacing and parallel implant placement.

* Compatible with Internal Hex & Conical Hex Connection platforms.

IDG IMPLANT DEPTH PROBE (STAINLESS STEEL)



Code

IDG

Ref. No.

4100

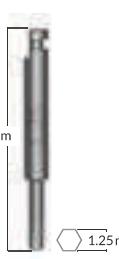
Instructions

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 others.

PROSTHETICS INSERTION TOOLS

HEX DRIVERS

HEX DRIVERS 1.25 MM (STAINLESS STEEL)

Manual Grip Driver	Short Manual Grip Driver	Long Hex Driver	Hex Driver	Short Hex Driver	Motor Mount
					
Code Ref. No.	HHS 1.25 4052	HHSS 1.25 4053	HTD 1.25L 4061	HTD 1.25 4055	HTD 1.25 S 4056
Instructions	For manual use		Fits hexagonal 6.35 mm or square 4 mm ratchet		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)

Hex Driver 1.5mm	Short Hex Driver 1.5mm	Manual Driver 1.5mm	Long Manual Driver 1.5mm	Motor Mount 1.5 mm
				
Code Ref. No.	HTD 1.5 4057	HTD 1.5S 4058	HHS 1.5 4059	HHL 1.5 4060
Instructions	Fits hexagonal 6.35 mm or square 4 mm ratchet		For manual use	For use with a contra-angle motor
	For use with Multi-Unit straight abutments only (TCT). See pages 54, 55, 74, 75, 89, 90			



Internal Hex Connection (IH)

Alpha-Bio Tec's Internal Hex platform enables a simple restoration procedure.



CONNECTION	INTERNAL HEX	INTERNAL HEX
	Active implant designed for immediate implant procedures in a variety of bone types	The original spiral implant
RECOMMENDED BONE TYPE		
DESIGN FEATURES	<ul style="list-style-type: none"> Tapered Centering and anchoring features Double, variable threads Micro-threads 	<ul style="list-style-type: none"> Osteotome-like condensing body Pronounced tapered core Apical part with sharp deep threads
CLINICAL BENEFITS	<ul style="list-style-type: none"> High primary stability Reduced marginal bone loss Increased surface area Increased BIC 	<ul style="list-style-type: none"> High primary stability Easy & smooth insertion Redirection capabilities Reduced marginal bone loss Increased BIC

ULTIMATE

DYNAMIC



* Formerly SPI



$\varnothing 3.3$, $\varnothing 3.7N^*$, $\varnothing 3.75$, $\varnothing 4.2$, $\varnothing 4.65^*$, $\varnothing 5.0$, $\varnothing 5.3^*$, $\varnothing 6^*$



INTERNAL HEX	INTERNAL HEX
For cases of classic implant placement, immediate placement & loading	Cylindrical, slightly tapered implant for a wide range of dental procedures
<ul style="list-style-type: none"> Moderately tapered Back tapered coronal part** Split coronal micro-threads 	<ul style="list-style-type: none"> Slightly tapered Double thread design with variable threads
<ul style="list-style-type: none"> Improved stress distribution Supports wide range of clinical cases Controlled bone penetration 	<ul style="list-style-type: none"> Easily stabilized & controlled during placement Long-term stability Large surface area
UNIVERSAL	CLASSIC

** ICE implants with $\varnothing 4.2$, $\varnothing 4.65$ and $\varnothing 5.3$ in lengths 10 mm and longer.



**Internal Hex
Connection (IH)**

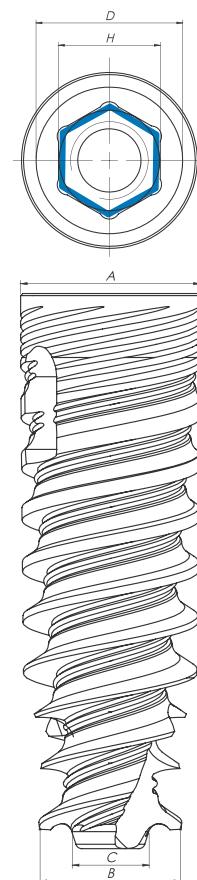
MULTINEO SYSTEM MULTIPLE OPTIONS

MULTINEO™ MULTIPLE OPTIONS

RECOMMENDED BONE TYPE	I II III IV	CLINICAL BENEFITS
DESIGN FEATURES	<ul style="list-style-type: none"> Tapered Centering and anchoring features Double, variable threads Micro-threads 	<ul style="list-style-type: none"> High primary stability Reduced marginal bone loss Increased surface area Increased BIC

HIGHLY RECOMMENDED OPTIONAL

Ø Diameter	Length	Ref. No.	Dimensions				
			A	B	C	D	H
Ø 3.75	8 mm	1968	Ø 3.75	Ø 3.1	Ø 1.8	Ø 3.5	Ø 2.5
	10 mm	1960	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.5	Ø 2.5
	11.5 mm	1961	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.5	Ø 2.5
	13 mm	1963	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.5	Ø 2.5
	16 mm	1966	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.5	Ø 2.5
Ø 4.2	8 mm	1978	Ø 4.2	Ø 3.55	Ø 1.8	Ø 3.5	Ø 2.5
	10 mm	1970	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.5	Ø 2.5
	11.5 mm	1971	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.5	Ø 2.5
	13 mm	1973	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.5	Ø 2.5
	16 mm	1976	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.5	Ø 2.5
Ø 5.0	8 mm	1988	Ø 5.0	Ø 4.4	Ø 2.6	Ø 3.5	Ø 2.5
	10 mm	1980	Ø 5.0	Ø 4.1	Ø 2.3	Ø 3.5	Ø 2.5
	11.5 mm	1981	Ø 5.0	Ø 4.1	Ø 2.3	Ø 3.5	Ø 2.5
	13 mm	1983	Ø 5.0	Ø 4.1	Ø 2.3	Ø 3.5	Ø 2.5



IMPLANT SYSTEM

IMPLANT PACKAGE

A modern and easy-to-use implant package with enhanced ergonomics.



DRIVERS

Color coded grip drivers with gingival height markings and lead pin for centering and easy insertion.



MULTINEO SYSTEM MULTIPLE OPTIONS



CORONAL PART

Design Features:

- Platform Switching
- Micro-threads
- Cutting flutes
- Internal hex and Conical standard

Clinical Benefits:

- Reduced pressure on cortical area
- Efficient cutting ability
- Improved bone preservation
- High initial stability



IMPLANT THREADS

Design Features:

- Variable thread design
- Double thread with 2.4mm step
- Micro-threads

Clinical Benefits:

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



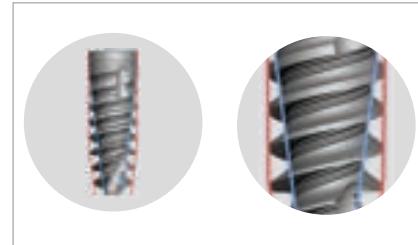
IMPLANT BODY AND CORE

Design Features:

- Straight coronal part
- Slightly tapered body
- Tapered core
- Tapered apical part

Clinical Benefits:

- Osteotome like body
- High primary stability



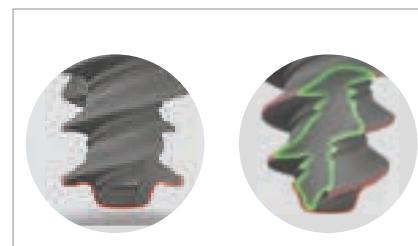
APICAL PART

Design Features:

- Narrow apex
- Sharp and deep threads
- Patented centering feature

Clinical Benefits:

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





Internal Hex
Connection (IH)

MULTINEO SYSTEM MULTIPLE OPTIONS

MULTINEO™ MULTIPLE OPTIONS

STEP DRILLING SEQUENCE

Ø 3.75

Bone Type IV		Bone Type II & III			Bone Type I			
Ø 2.0	Ø 2.4 / Ø 2.8	Ø 2.0	Ø 2.4 / Ø 2.8	Ø 2.8 / Ø 3.2	Ø 2.0	Ø 2.4 / Ø 2.8	Ø 2.8 / Ø 3.2	Ø 3.2 / Ø 3.65 Cortical*

Ø 4.2

Bone Type IV			Bone Type II & III			Bone Type I			
Ø 2.0	Ø 2.4 / Ø 2.8	Ø 2.8 / Ø 3.2	Ø 2.0	Ø 2.4 / Ø 2.8	Ø 3.2 / Ø 3.65	Ø 2.0	Ø 2.4 / Ø 2.8	Ø 3.2 / Ø 3.65	Ø 3.65 / Ø 4.1 Cortical*

Ø 5.0

Bone Type IV			Bone Type II & III			Bone Type I						
Ø 2.0	Ø 2.4 / Ø 2.8	Ø 3.2 / Ø 3.65	Ø 2.0	Ø 2.4 / Ø 2.8	Ø 3.2 / Ø 3.65	Ø 3.65 / Ø 4.1	Ø 2.0	Ø 2.4 / Ø 2.8	Ø 3.2 / Ø 3.65	Ø 3.65 / Ø 4.1	Ø 4.1 / Ø 4.5	Ø 4.5 / Ø 4.8 Cortical*

* Cortical – Drill through cortical plate with the larger diameter.

STRAIGHT DRILLING SEQUENCE

Ø 3.75

Bone Type IV			Bone Type II & III			Bone Type I			
Ø 2.0	Ø 2.4	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					Bone Type I						
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 2.0	Ø 2.8	Ø 3.2	Ø 3.65	Ø 4.1	Ø 4.5**	Ø 4.8 Cortical*

* Cortical – Drill through cortical plate.

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

For more information, see step protocol.

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

MULTINEO SYSTEM MULTIPLE OPTIONS





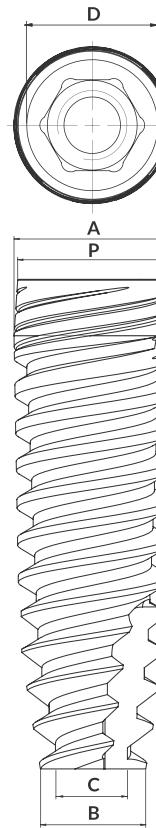
**Internal Hex
Connection (IH)**

ICE IMPLANT FOR CLASSICAL ESTHETICS

RECOMMENDED BONE TYPE	I II III IV
DESIGN FEATURES	<ul style="list-style-type: none"> Moderately tapered Back tapered coronal part* Split coronal micro-threads
CLINICAL BENEFITS	<ul style="list-style-type: none"> Improved stress distribution Supports wide range of clinical cases Controlled bone penetration

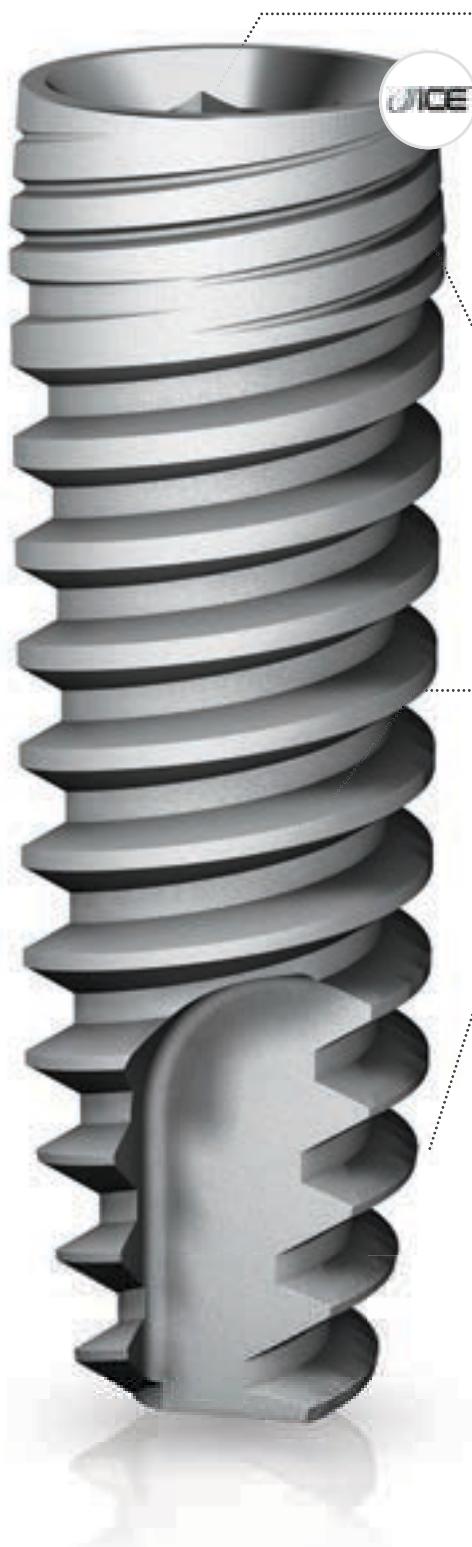
HIGHLY RECOMMENDED OPTIONAL

Ø Diameter	Length	Ref. No.	Dimensions				
			A	B	C	D	P
Ø 3.7N	10 mm	1000	Ø 3.7	Ø 2.2	Ø 1	Ø 3.5	Ø 3.7
	11.5 mm	1001	Ø 3.7	Ø 2.2	Ø 1	Ø 3.5	Ø 3.7
	13 mm	1003	Ø 3.7	Ø 2.2	Ø 1	Ø 3.5	Ø 3.7
Ø 3.75	8 mm	1018	Ø 3.75	Ø 2.6	Ø 1.6	Ø 3.5	Ø 3.75
	10 mm	1010	Ø 3.75	Ø 2.6	Ø 1.6	Ø 3.5	Ø 3.75
	11.5 mm	1011	Ø 3.75	Ø 2.6	Ø 1.6	Ø 3.5	Ø 3.75
	13 mm	1013	Ø 3.75	Ø 2.6	Ø 1.6	Ø 3.5	Ø 3.75
	16 mm	1016	Ø 3.75	Ø 2.6	Ø 1.6	Ø 3.5	Ø 3.75
Ø 4.2	6 mm	1056	Ø 4.2	Ø 2.7	Ø 2.7	Ø 3.5	Ø 4.2
	8 mm	1028	Ø 4.2	Ø 2.8	Ø 1.8	Ø 3.5	Ø 4.2
	10 mm	1020	Ø 4.2	Ø 2.8	Ø 1.8	Ø 3.5	Ø 4
	11.5 mm	1021	Ø 4.2	Ø 2.8	Ø 1.8	Ø 3.5	Ø 4
	13 mm	1023	Ø 4.2	Ø 2.8	Ø 1.8	Ø 3.5	Ø 4
	16 mm	1026	Ø 4.2	Ø 2.8	Ø 1.8	Ø 3.5	Ø 4
Ø 4.65	6 mm	1036	Ø 4.65	Ø 2.9	Ø 2.9	Ø 3.85	Ø 4.65
	8 mm	1038	Ø 4.65	Ø 3	Ø 2	Ø 3.85	Ø 4.65
	10 mm	1030	Ø 4.65	Ø 3	Ø 2	Ø 3.85	Ø 4.45
	11.5 mm	1031	Ø 4.65	Ø 3	Ø 2	Ø 3.85	Ø 4.45
	13 mm	1033	Ø 4.65	Ø 3	Ø 2	Ø 3.85	Ø 4.45
Ø 5.3	6 mm	1046	Ø 5.3	Ø 3.8	Ø 3.8	Ø 3.85	Ø 5.3
	8 mm	1048	Ø 5.3	Ø 3.45	Ø 2.45	Ø 3.85	Ø 5.3
	10 mm	1040	Ø 5.3	Ø 3.45	Ø 2.45	Ø 3.85	Ø 5.1
	11.5 mm	1041	Ø 5.3	Ø 3.45	Ø 2.45	Ø 3.85	Ø 5.1
	13 mm	1043	Ø 5.3	Ø 3.45	Ø 2.45	Ø 3.85	Ø 5.1



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

* ICE implants with 4.2, 4.65 and 5.3 in lengths 10 mm and longer.

**IMPLANT-ABUTMENT CONNECTION****Design Features:**

- Internal Hex connection
- One platform for all diameters
- Platform switching

Clinical Benefits:

- Tight implant-abutment fit*
- Simple restoration process

**CORONAL PART****Design Features:**

- Micro-threads
- Back tapered**
- Rough surface

Clinical Benefits:

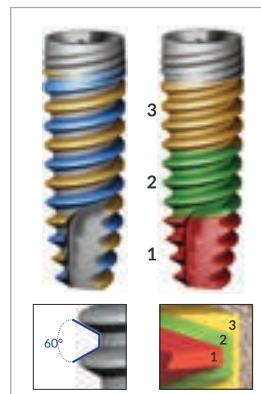
- Reduced Marginal Bone Loss
- Decreased crestal stress
- Increased BIC (Bone Implant Contact)

**IMPLANT BODY AND CORE****Design Features:**

- Moderately tapered body
- Slightly tapered apical area
- Osteotome- like shape

**Clinical Benefits:**

- Smooth & controlled insertion
- Good primary stability

**APICAL PART****Design Features:**

- Sharp and deep threads
- Cutting flute

Clinical Benefits:

- Smooth and controlled insertion
- Good primary stability



* Do not use I.C.E. implants with wide analog Ref. No. 5280 (IA5)

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

STEP DRILLING SEQUENCE

$\varnothing 3.7N$

Bone Type IV		Bone Type II & III			Bone Type I			
$\varnothing 2.0$	$\varnothing 2.0/\varnothing 2.4$	$\varnothing 2.0$	$\varnothing 2.4/\varnothing 2.8$	$\varnothing 2.8/\varnothing 3.2$	$\varnothing 2.0$	$\varnothing 2.4/\varnothing 2.8$	$\varnothing 2.8/\varnothing 3.2$	$\varnothing 3.2/\varnothing 3.65$ Cortical*



$\varnothing 3.75$

Bone Type IV		Bone Type II & III			Bone Type I			
$\varnothing 2.0$	$\varnothing 2.4/\varnothing 2.8$	$\varnothing 2.0$	$\varnothing 2.4/\varnothing 2.8$	$\varnothing 2.8/\varnothing 3.2$	$\varnothing 2.0$	$\varnothing 2.4/\varnothing 2.8$	$\varnothing 2.8/\varnothing 3.2$	$\varnothing 3.2/\varnothing 3.65$ Cortical*



$\varnothing 4.2$

Bone Type IV			Bone Type II & III			Bone Type I			
$\varnothing 2.0$	$\varnothing 2.4/\varnothing 2.8$	$\varnothing 2.8/\varnothing 3.2$	$\varnothing 2.0$	$\varnothing 2.4/\varnothing 2.8$	$\varnothing 3.2/\varnothing 3.65$	$\varnothing 2.0$	$\varnothing 2.4/\varnothing 2.8$	$\varnothing 3.2/\varnothing 3.65$	$\varnothing 3.65/\varnothing 4.1$ Cortical*



$\varnothing 4.65$

Bone Type IV			Bone Type II & III				Bone Type I				
$\varnothing 2.0$	$\varnothing 2.4/\varnothing 2.8$	$\varnothing 3.2/\varnothing 3.65$	$\varnothing 2.0$	$\varnothing 2.4/\varnothing 2.8$	$\varnothing 3.2/\varnothing 3.65$	$\varnothing 3.65/\varnothing 4.1$	$\varnothing 2.0$	$\varnothing 2.4/\varnothing 2.8$	$\varnothing 3.2/\varnothing 3.65$	$\varnothing 3.65/\varnothing 4.1$	$\varnothing 4.1/\varnothing 4.5$ Cortical*



$\varnothing 5.3$

Bone Type IV				Bone Type II & III					Bone Type I			
$\varnothing 2.0$	$\varnothing 2.4/\varnothing 2.8$	$\varnothing 3.2/\varnothing 3.65$	$\varnothing 3.65/\varnothing 4.1$	$\varnothing 2.0$	$\varnothing 2.4/\varnothing 2.8$	$\varnothing 3.2/\varnothing 3.65$	$\varnothing 3.65/\varnothing 4.1$	$\varnothing 4.5/\varnothing 4.8$	$\varnothing 2.0$	$\varnothing 2.4/\varnothing 2.8$	$\varnothing 3.2/\varnothing 3.65$	$\varnothing 3.65/\varnothing 4.1$



* Cortical – Drill through cortical plate with the larger diameter.

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

ICE IMPLANT FOR CLASSICAL ESTHETICS

STRAIGHT DRILLING SEQUENCE

$\varnothing 3.7N$

Bone Type IV		Bone Type II & III			Bone Type I			
$\varnothing 2.0$	$\varnothing 2.4^{**}$	$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2^{**}$	$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2^{**}$	$\varnothing 3.65$ Cortical*
○	●	○	●	●	○	●	●	●



$\varnothing 3.75$

Bone Type IV			Bone Type II & III			Bone Type I			
$\varnothing 2.0$	$\varnothing 2.4$	$\varnothing 2.8^{**}$	$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2^{**}$	$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2^{**}$	$\varnothing 3.65$ Cortical*
○	●	●	○	●	●	○	●	●	



$\varnothing 4.2$

Bone Type IV			Bone Type II & III				Bone Type I			
$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2^{**}$	$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2$	$\varnothing 3.65^{**}$	$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2$	$\varnothing 3.65^{**}$
○	●	●	○	●	●	●	○	●	●	●



$\varnothing 4.65$

Bone Type IV				Bone Type II & III				
$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2$	$\varnothing 3.65^{**}$	$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2$	$\varnothing 3.65$	$\varnothing 4.1^{**}$
○	●	●	●	○	●	●	●	●
Hard Bone Type I								
$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2$	$\varnothing 3.65$	$\varnothing 4.1^{**}$	$\varnothing 4.5$	$\varnothing 4.1^{**}$	$\varnothing 4.5$	Cortical*
○	●	●	●	●	●	●	●	●



$\varnothing 5.3$

Bone Type IV					Bone Type II & III					
$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2$	$\varnothing 3.65$	$\varnothing 4.1^{**}$	$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2$	$\varnothing 3.65$	$\varnothing 4.1$	$\varnothing 4.5$
○	●	●	●	●	○	●	●	●	●	●
Hard Bone Type I										
$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2$	$\varnothing 3.65$	$\varnothing 4.1$	$\varnothing 4.5$	$\varnothing 4.8^{**}$	$\varnothing 4.5$	$\varnothing 4.8^{**}$	$\varnothing 5.2$	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.



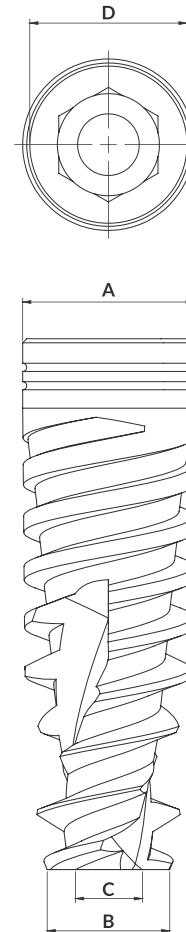
**Internal Hex
Connection (IH)**

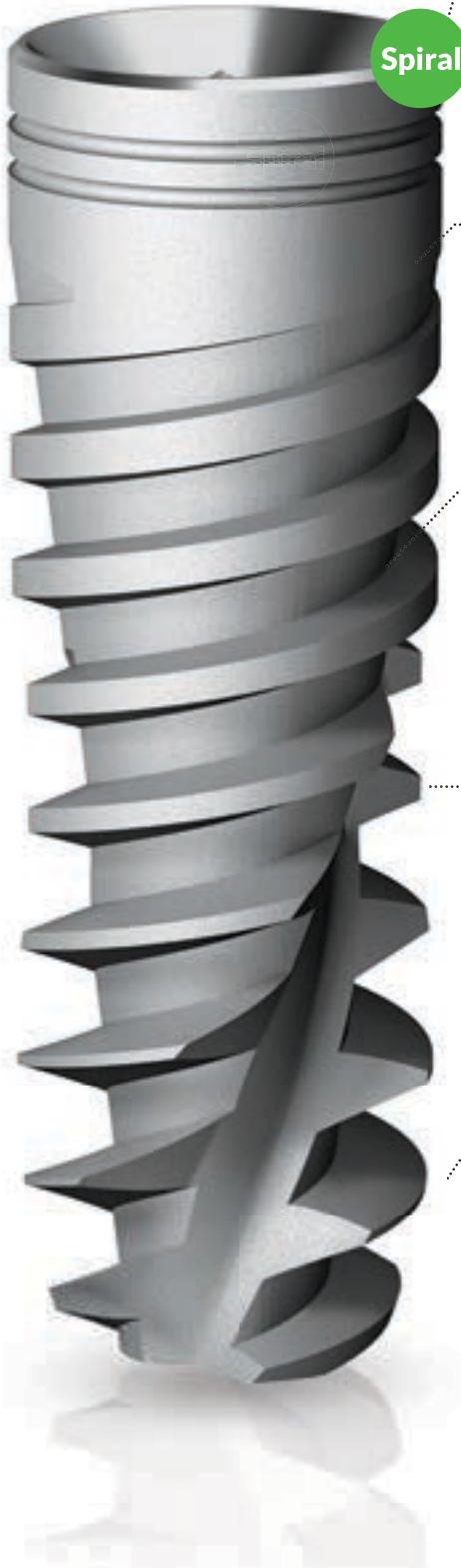
Spiral THE ORIGINAL SPIRAL IMPLANT

RECOMMENDED BONE TYPE	I II III IV
DESIGN FEATURES	<ul style="list-style-type: none"> Osteotome-like condensing body Pronounced tapered core Apical part with sharp deep threads
CLINICAL BENEFITS	<ul style="list-style-type: none"> High primary stability Easy & smooth insertion Redirection capabilities Reduced marginal bone loss Increased BIC

HIGHLY RECOMMENDED OPTIONAL

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



**IMPLANT-ABUTMENT CONNECTION****Design Features:**

- Internal Hex connection
- One platform for all diameters
- Platform switching

Clinical Benefits:

- Tight implant-abutment fit
- Simple restoration process

**CORONAL PART****Design Features:**

- Micro rings

Clinical Benefits:

- Reduced Marginal Bone Loss
- Decreased crestal stress
- Increased BIC

**IMPLANT BODY AND CORE****Design Features:**

- Slightly tapered body
- Tapered core
- Osteotome like condensing body

Clinical Benefits:

- Easy insertion
- High primary stability

**IMPLANT THREADS****Design Features:**

- Variable threads
- Double thread design
- 2.4mm step

Clinical Benefits:

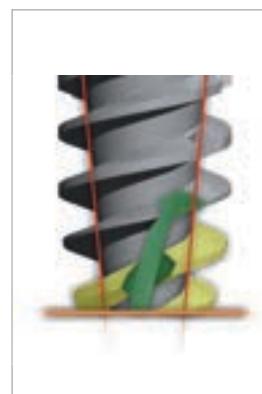
- Easy and smooth insertion
- High primary stability
- Redirecting capability
- Increased BIC

**APICAL PART****Design Features:**

- Sharp and deep threads
- Narrow core

Clinical Benefits:

- Easy and smooth insertion
- High primary Stability



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



Spiral THE ORIGINAL SPIRAL IMPLANT

Internal Hex Connection (IH)

STRAIGHT DRILLING SEQUENCE

$\varnothing 3.3$

Bone Type IV	Bone Type II & III		Bone Type I		
$\varnothing 2.0$	$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2$ Cortical*



$\varnothing 3.75$

Bone Type IV	Bone Type II & III			Bone Type I		
$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2$	$\varnothing 2.0$	$\varnothing 2.8$



$\varnothing 4.2$

Bone Type IV	Bone Type II & III				Bone Type I				
$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2$	$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2$	$\varnothing 3.65$	$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2$



$\varnothing 5.0$

Bone Type IV				Bone Type II & III				
$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2$	$\varnothing 3.65$	$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2$	$\varnothing 3.65$	$\varnothing 4.1$

Hard Bone Type I							
$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2$	$\varnothing 3.65$	$\varnothing 4.1$	$\varnothing 4.5$	$\varnothing 4.8$ Cortical*	



$\varnothing 6.0$

Bone Type IV						Bone Type II & III					
$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2$	$\varnothing 3.65$	$\varnothing 4.1$	$\varnothing 4.8$	$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2$	$\varnothing 3.65$	$\varnothing 4.1$	$\varnothing 4.8$

Hard Bone Type I							
$\varnothing 2.0$	$\varnothing 2.8$	$\varnothing 3.2$	$\varnothing 3.65$	$\varnothing 4.1$	$\varnothing 4.8$	$\varnothing 5.2$	$\varnothing 5.8$ Cortical*



* Cortical – Drill through cortical plate with the larger diameter.

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

Spiral THE ORIGINAL SPIRAL IMPLANT





**Internal Hex
Connection (IH)**

DFI DUAL FIT IMPLANT

RECOMMENDED BONE TYPE	I	II	III	IV
DESIGN FEATURES	<ul style="list-style-type: none"> Slightly tapered Double thread design with variable threads 			
CLINICAL BENEFITS	<ul style="list-style-type: none"> Easily controlled during placement Long-term stability Large surface area 			
HIGHLY RECOMMENDED				
Ø Diameter	Length	Ref. No.	Dimensions	
Ø 3.3	8 mm	1288	A Ø 3.7 B Ø 2.6 C Ø 2.1 D Ø 3.5	
	10 mm	1280	A Ø 3.7 B Ø 2.6 C Ø 2.1 D Ø 3.5	
	11.5 mm	1281	A Ø 3.7 B Ø 2.6 C Ø 2.1 D Ø 3.5	
	13 mm	1283	A Ø 3.7 B Ø 2.6 C Ø 2.1 D Ø 3.5	
Ø 3.75	8 mm	1268	A Ø 3.85 B Ø 3 C Ø 2.1 D Ø 3.5	
	10 mm	1260	A Ø 3.85 B Ø 3 C Ø 2.1 D Ø 3.5	
	11.5 mm	1261	A Ø 3.85 B Ø 3 C Ø 2.1 D Ø 3.5	
	13 mm	1263	A Ø 3.85 B Ø 3 C Ø 2.1 D Ø 3.5	
Ø 4.2	8 mm	1278	A Ø 4.2 B Ø 3 C Ø 2.2 D Ø 3.85	
	10 mm	1270	A Ø 4.2 B Ø 3 C Ø 2.2 D Ø 3.85	
	11.5 mm	1271	A Ø 4.2 B Ø 3 C Ø 2.2 D Ø 3.85	
	13 mm	1273	A Ø 4.2 B Ø 3 C Ø 2.2 D Ø 3.85	
Ø 5	8 mm	1298	A Ø 4.95 B Ø 4.05 C Ø 3.1 D Ø 3.85	
	10 mm	1290	A Ø 4.95 B Ø 4.05 C Ø 3.1 D Ø 3.85	
	11.5 mm	1291	A Ø 4.95 B Ø 4.05 C Ø 3.1 D Ø 3.85	
	13 mm	1293	A Ø 4.95 B Ø 4.05 C Ø 3.1 D Ø 3.85	

STRAIGHT DRILLING SEQUENCE

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

* Cortical - Drill through cortical plate

**IMPLANT-ABUTMENT CONNECTION**

- Internal Hex connection
- One platform for all diameters
- Platform switching

**Clinical Benefits:**

- Tight implant-abutment fit
- Simple restoration process

CORONAL PART**Design Features:**

- Micro rings

**Clinical Benefits:**

- Reduced Marginal Bone Loss
- Decreased crestal stress

IMPLANT BODY AND CORE**Design Features:**

- Cylindrical body
- Slightly tapered apical area
- Double thread design with variable threads
- Large surface area

**Clinical Benefits:**

- Smooth & controlled insertion
- Good primary stability
- Reduced Marginal Bone Loss

APICAL PART**Design Features:**

- Sharp threads
- Slightly tapered

**Clinical Benefits:**

- Smooth and controlled insertion
- Good primary Stability

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

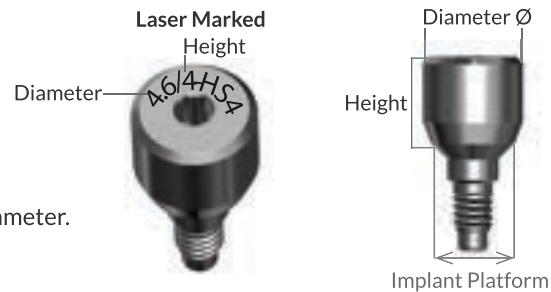
Important: Professional considerations may be required for adaptations of the drill protocol in specific cases.

HEALING ABUTMENTS



Wide range of narrow, standard and wide healing abutments.

- Used for Internal Hex implants.
- Polished titanium surface for tissue acceptance.
- Laser marking to ensure easy identification of height and diameter.



Manual Tightening



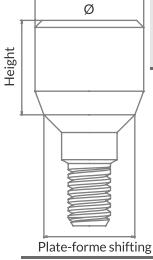
TITANIUM HEALING ABUTMENTS

Ø 3.85 MM			
Dimensions	D: Ø 3.85 mm H : 3 mm	D: Ø 3.85 mm H : 4 mm	D: Ø 3.85 mm H : 5 mm
Code	HSS3	HSS4	HSS5
Ref. No.	112	114	113
Instructions	Use 1.25 mm driver for insertion (Ref. No. 4052 or 4053)		



HEALING ABUTMENTS

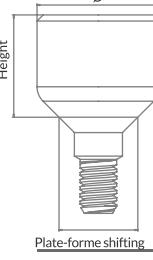
TITANIUM HEALING ABUTMENTS



$\varnothing 4.6 \text{ MM}$

Dimensions	D: $\varnothing 4.6 \text{ mm}$ H: 2 mm	D: $\varnothing 4.6 \text{ mm}$ H: 3 mm	D: $\varnothing 4.6 \text{ mm}$ H: 4 mm	D: $\varnothing 4.6 \text{ mm}$ H: 5 mm	D: $\varnothing 4.6 \text{ mm}$ H: 6 mm	D: $\varnothing 4.6 \text{ mm}$ H: 7 mm
Code	HS2	HS3	HS4	HS5	HS6	HS7
Ref. No.	116	109	117	110	118	119

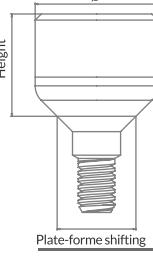
WIDE TITANIUM HEALING ABUTMENTS



$\varnothing 5 \text{ MM}$ **$\varnothing 5.5 \text{ MM}$**

Dimensions	D: $\varnothing 5 \text{ mm}$ H: 3 mm	D: $\varnothing 5 \text{ mm}$ H: 5 mm	D: $\varnothing 5.5 \text{ mm}$ H: 3 mm	D: $\varnothing 5.5 \text{ mm}$ H: 5 mm
Code	HS5-3	HS5-5	HS5.5-3	HS5.5-5
Ref. No.	124	125	126	127

WIDE TITANIUM HEALING ABUTMENTS



$\varnothing 6 \text{ MM}$ **$\varnothing 7 \text{ MM}$**

Dimensions	D: $\varnothing 6 \text{ mm}$ H: 3 mm	D: $\varnothing 6 \text{ mm}$ H: 5 mm	D: $\varnothing 7 \text{ mm}$ H: 3 mm
Code	HS6-3	HS6-5	HS7-3
Ref. No.	128	129	130



Internal Hex
Connection (IH)

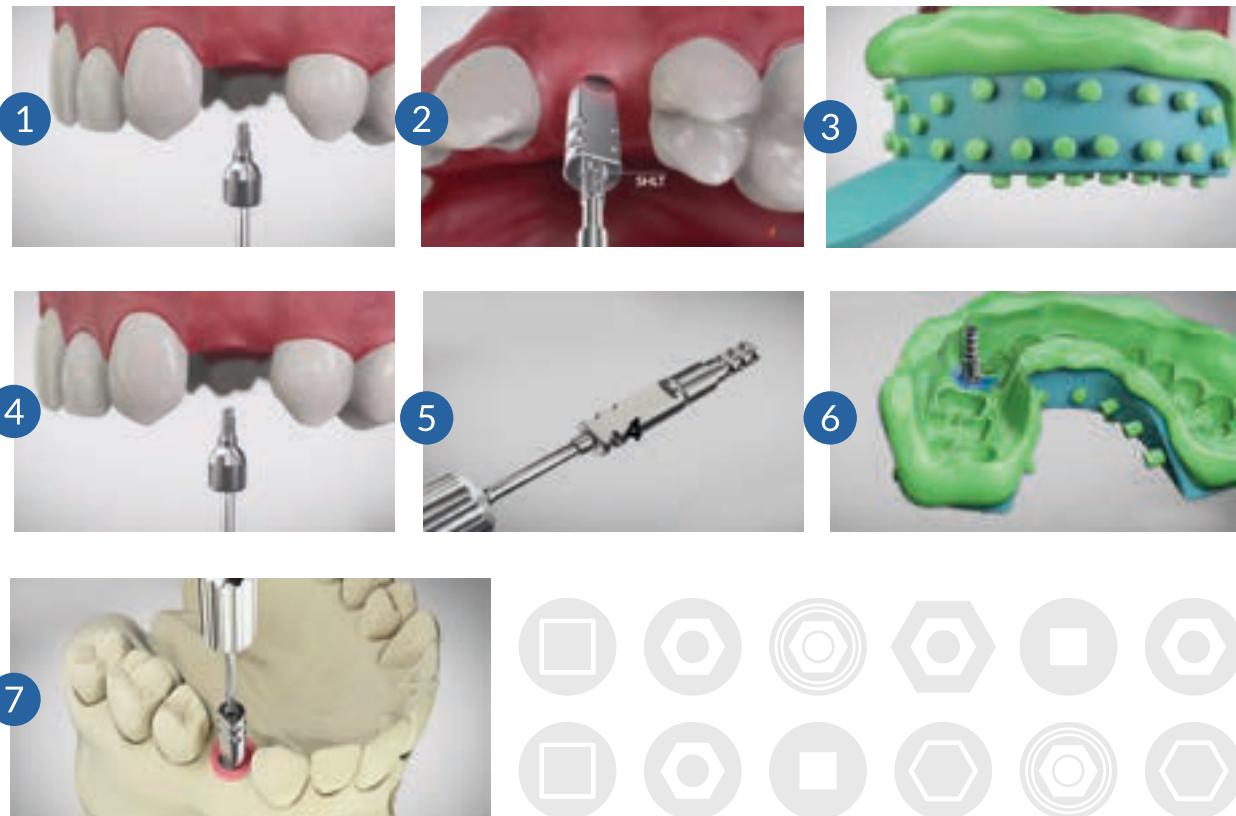
IMPLANT IMPRESSION

CLOSED TRAY TRANSFER

EACH TRANSFER IS SUPPLIED WITH ITS CORRESPONDING SCREW.

STANDARD	SHORT	SLIM
		
Material	Stainless steel	Stainless steel
Code	HLT	HLTS
Ref. No.	5060	5170
Instructions	Use 1.25 mm driver for insertion (Ref. No. 4052 or 4053). Manual tightening.	

CLOSED TRAY IMPRESSION



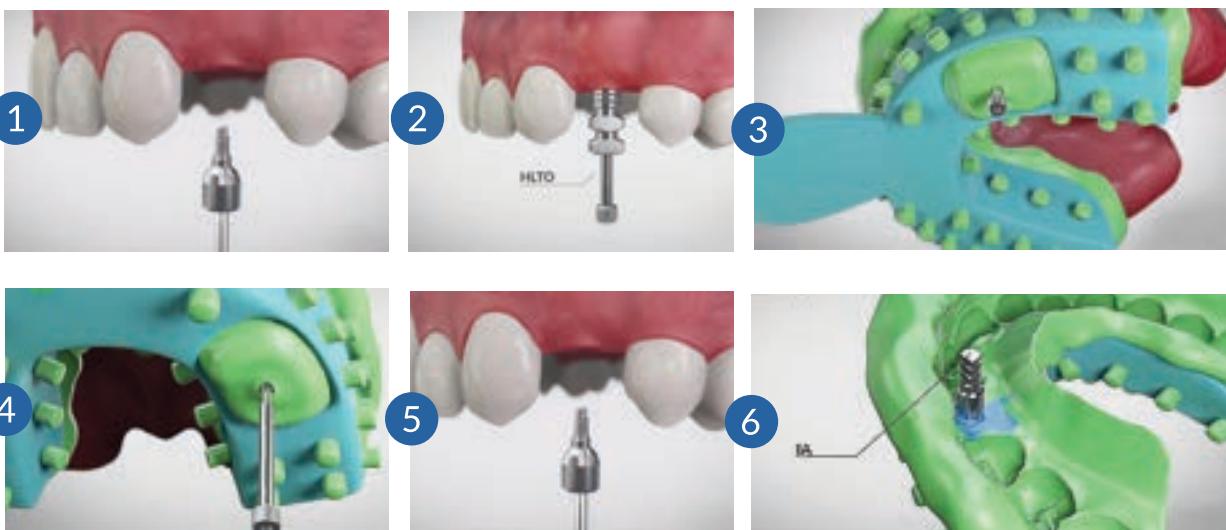
IMPLANT IMPRESSION

OPEN TRAY TRANSFER

EACH TRANSFER IS SUPPLIED WITH ITS CORRESPONDING SCREW.

STANDARD	SHORT
Material	Stainless steel
Code	HLTO
Ref. No.	5061
Instructions	Use 1.25 mm driver for insertion (Ref. No. 4052 or 4053). Manual tightening.

OPEN TRAY IMPRESSION



IMPRESSION

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





Internal Hex
Connection (IH)

CEMENT- RETAINED RESTORATIONS

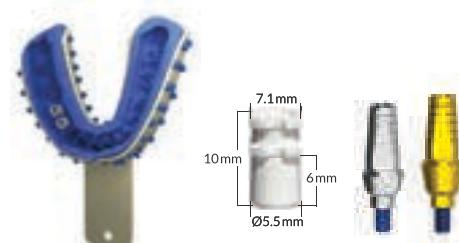
TITANIUM ABUTMENTS

STRAIGHT ABUTMENTS		SLIM ABUTMENTS		30 NCM
Dimensions	A: Ø4.5 mm B: 1.7 mm C: 8.5 mm	A: Ø4.5 mm B: 1.7 mm C: 12.5 mm	A: Ø3.85 mm B: 0.8 mm C: 8.5 mm	A: Ø3.85 mm B: 0.5 mm C: 8.5 mm
Code	TLA	TLAL	TLAS	TLASSP
Ref. No.	5030	5140	5150	5403
Instructions	Use 1.25 mm driver for insertion (see page 27).			

STRAIGHT ABUTMENTS WITH VARIOUS CUFF HEIGHTS					PLASTIC TRANSFER 30 NCM
Dimensions	A: Ø4.8 mm B: 1 mm C: 8.9 mm	A: Ø4.8 mm B: 2 mm C: 9.9 mm	A: Ø4.8 mm B: 3 mm C: 10.9 mm	A: Ø4.8 mm B: 4 mm C: 11.9 mm	
Code	TLASP1	TLASP2	TLASP3	TLASP4	HTLASP
Ref. No.	5366	5367	5368	5369	5364
Instructions	Use 1.25 mm driver for insertion (see page 27)				Suitable or TLASP and ETLASP abutments

Measure the height of the soft tissue and choose the appropriate abutment

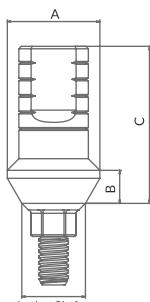
- Position the abutment in the implant, if possible with the flat surface facing the buccal area.
- Screw the abutment manually into the implant



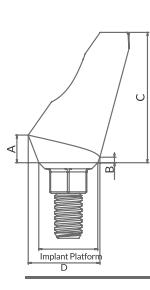
- Position the plastic transfer on the abutment
- Press down on the plastic transfer cap
- A "click" indicates that the transfer is correctly positioned
- Take the impression
- Send the impression to the lab with the analog

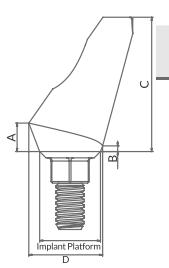
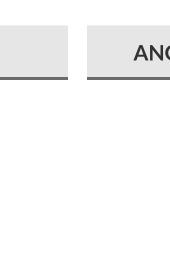
CEMENT- RETAINED RESTORATIONS

WIDE TITANIUM ABUTMENTS

 WIDE PROFILE ABUTMENTS		 WIDE PROFILE ABUTMENTS 30 NCM	
Dimensions	A: Ø5.6 mm B: 2 mm C: 9.5 mm	Dimensions	A: Ø5.6 mm B: 4 mm C: 11.5 mm
Code	TLAO2	Code	TLAW
Ref. No.	5182	Ref. No.	5340
Instructions		For wide emergence profile restorations and more flexibility of abutment fabrication/customization	
		For wide emergence profile restorations & more flexibility of abutment fabrication/customization	

ANGLED TITANIUM ABUTMENTS

 ANGLED ABUTMENTS 15° 30 NCM							
Dimensions	A: 1.7 mm B: 0.5 mm C: 8.5 mm D: 4.5 mm	Dimensions	A: 1.65 mm B: 0.15 mm C: 11.5 mm D: 4.5 mm	Dimensions	A: 2.3 mm B: 1 mm C: 8.5 mm D: 4.7 mm	Dimensions	A: 1.5 mm B: 2.4 mm C: 9 mm D: 4.8 mm
Code	TLA 15	Code	TLAL 15	Code	TLA 15B	Code	TLA 15BB
Ref. No.	5090	Ref. No.	5092	Ref. No.	5091	Ref. No.	5098
Instructions		For creation of favorable line of insertion					

 ANGLED ABUTMENTS 25°		 ANGLED ABUTMENTS 35°	
Dimensions	A: 1.8 mm B: 0.4 mm C: 8.5 mm D: 4.7 mm	Dimensions	A: 2.4 mm B: 0.4 mm C: 11.5 mm D: 4.4 mm
Code	TLA 25	Code	TLAL 25
Ref. No.	5130	Ref. No.	5134
Instructions		For creation of favorable line of insertion	
		Use screw Ref. No. 5127	



Internal Hex
Connection (IH)

TEMPORARY PEEK ABUTMENT

- Vital for 180 days
- PEEK polymer allows easy and quick chair-side modification
- Biocompatible
- Provides adequate strength to the provisional restoration
- High resistance to repetitive mastication forces
- Suitable able for cement-retained or screw-retained temporary restoration

15
NCM

TEMPORARY PEEK STRAIGHT ABUTMENTS

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

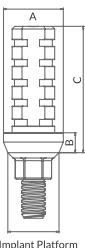
TEMPORARY PEEK ANGLED ABUTMENTS

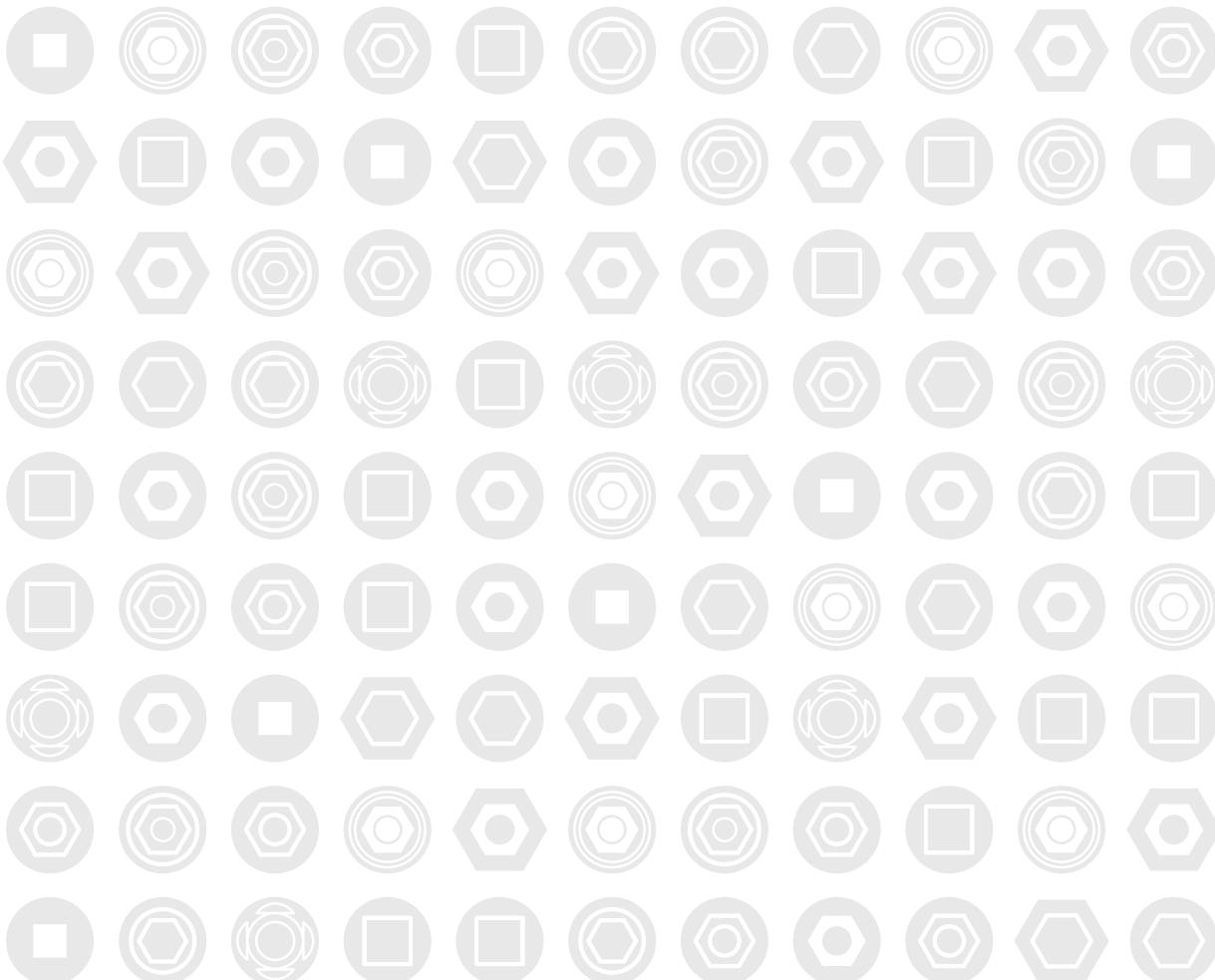
15°		25°	
Dimensions	L: 8 mm, H: 1mm	L: 8 mm, H: 2mm	L: 8 mm, H: 3mm
Code	TPA15-1	TPA15-2	TPA15-3
Ref. No.	5419	5420	5421
	5422	5423	



TEMPORARY TITANIUM ABUTMENTS

TEMPORARY TITANIUM ABUTMENTS

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





ESTHETIC TITANIUM ABUTMENTS

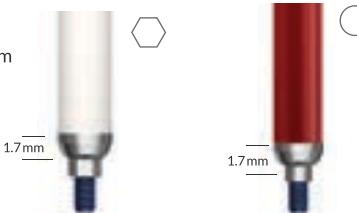
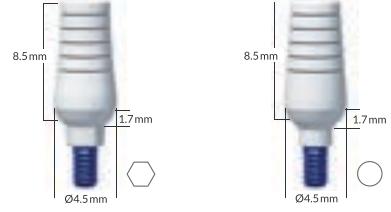
30
NCM

STRAIGHT ABUTMENTS WITH VARIOUS CUFF HEIGHTS					PLASTIC TRANSFER
Dimensions	A: Ø4.5 mm B: 1 mm C: 7.5 mm	A: Ø3.9 mm B: 2 mm C: 9.9 mm	A: Ø4.5 mm B: 3 mm C: 10.5 mm	A: Ø4.5 mm B: 4 mm C: 11.5 mm	
Code	ETLASP1	ETLASP2	ETLASP3	ETLASP4	HTLASP
Ref. No.	5352	5353	5354	5355	5364
Instructions	Use 1.25 mm driver for insertion (see page 27)				
	Suitable or TLASP & ETLASP abutments				

STRAIGHT ABUTMENTS		ANGLED ABUTMENTS	
Dimensions	A: Ø4.5 mm 1.7 mm / 8.5 mm	A: Ø3.85 mm 0.8 mm / 8.5 mm	A: Ø1.65 mm B: 0.15 mm C: 11.5 mm D: 4.5 mm
Code	ETLA	ETLAS	ETLAL 15
Ref. No.	5031	5155	5094
			ETLAL 25
			5131

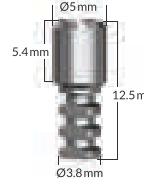
ANGLED ABUTMENTS 15°			ANGLED ABUTMENTS 25°			
Dimensions	A: 1.6 mm B: 2.5 mm C: 8.7 mm D: 5.1 mm	A: 2.6 mm B: 3.5 mm C: 9.7 mm D: 5.1 mm	A: 3.6 mm B: 4.5 mm C: 10.6 mm D: 5.1 mm	A: 1.6 mm B: 2.3 mm C: 9 mm D: 5.3 mm	A: 2.5 mm B: 3.3 mm C: 9.9 mm D: 5.3 mm	
Code	EAAS 15	EAA 15	EAAH 15	EAAS 25	EAA 25	
Ref. No.	5410	5411	5412	5413	5414	
Instructions	Designed especially for pre-molars and molars			Designed especially for pre-molars and molars		

CASTING ABUTMENTS

CoCr BASE ABUTMENTS		PLASTIC ABUTMENT FOR CASTING
		30 NCM
<ul style="list-style-type: none"> Cobalt-Chrome Base Plastic casting sleeve from Polyethylene Delrin 		
Code	TLABCC	PLA
Ref. No.	6405	5040
Instructions	Melting Range: 1200°C - 1330°C Recommended sintering below 900°C	5041

IMPLANT ANALOGS

Implant analog (IA) is suitable for all implant diameters ($\varnothing 3.3$, $\varnothing 3.75$, $\varnothing 3.75$, $\varnothing 4.2$, $\varnothing 5.0$, $\varnothing 6.0$ mm). When using $\varnothing 5.0$ mm or $\varnothing 6.0$ mm implants, it is recommended to use lab analogs of identical dimensions, i.e. IA5 and IA6.

	STANDARD	WIDE	MULTI-UNIT	PRINTED MODEL
				
Code	IA	IA5	BTT-N	AN-PM
Ref. No.	5080	5280	5211	4995
Instructions	* IA5 is not compatible with ICE implants. Use 1.25 mm driver for insertion (Ref. No. 4052 or 4053).			
	For Multi-Unit restorations			
	For resin printed models			

SCREWS

PROSTHETIC SCREWS			30 NCM	RETRIEVAL SCREW
Code	STLAS	STLAT*	STLASH**	RS
Ref. No.	5122	5121	5127	5110
Instructions	* Specially coated, for laboratory use only. ** To be used only with the TLA36 abutment. Ref. 5136 (Page 49)			Fits IH and CS platforms.

SCREW-RETAINED RESTORATIONS

Alpha Universe MULTI UNIT ABUTMENTS

MULTI-UNIT ABUTMENTS

ANGLED ABUTMENTS	IMPLANTS	STRAIGHT ABUTMENTS	OPEN TRAY TRANSFER	CLOSED TRAY
5432 AU 17-1.5 IH A: Ø 4.7 B: 1.5 mm		5221 TCT0.5-N A: Ø 4.7 mm B: 0.75 mm C: 1 mm	5231 TST-N △	5235 TS-N ○
5433 AU 17-2.5 IH A: Ø 4.7 B: 2.5 mm		5222 TCT1.5-N A: Ø 4.7 mm B: 1.6 mm C: 2.8 mm	5248 TCT-N-R ○	
5434 AU 17-3.5 IH A: Ø 4.7 B: 3.5 mm		5223 TCT2.5-N A: Ø 4.7 mm B: 2.6 mm C: 3.8 mm		
5437 AU 30-1.5 IH A: Ø 4.7 B: 1.5 mm		5252 TCT3.5-N A: Ø 4.7 mm B: 3.6 mm C: 4.8 mm		
5438 AU 30-2.5 IH A: Ø 4.7 B: 2.5 mm		5253 TCT4.5-N A: Ø 4.7 mm B: 4.6 mm C: 5.8 mm		
5439 AU 30-3.5 IH A: Ø 4.7 B: 3.5 mm		5254 TCT5.5-N A: Ø 4.7 mm B: 5.6 mm C: 6.8 mm		
1.25 MM DRIVER		1.5 MM DRIVER		
4052 HHS 1.25		4059 HHS 1.5		
4053 HHSS 1.25 L		4060 HHL 1.5		
4061 HTD 1.25		4057 HTD 1.5		
4055 HTD 1.25 mm		4058 HTD 1.55		
4165 HTD 1.25 M		4168 HT 1.5		
TORQUE				
4572 TORQUE RATCHET		Straight Multi-Unit abutment Impression transfer and healing abutment Temporary fixture Angled Multi-Unit abutment		
		30 Ncm Manual Tightening 25 Ncm 30 Ncm		



SCREW-RETAINED RESTORATIONS

MULTI-UNIT ABUTMENTS

30
NCM

MULTI-UNIT STRAIGHT ABUTMENTS						
	A: Ø4.7 mm B: 0.75 mm C: 1 mm	A: Ø4.7 mm B: 1.6 mm C: 2.8 mm	A: Ø4.7 mm B: 2.6 mm C: 3.8 mm	A: Ø4.7 mm B: 3.6 mm C: 4.8 mm	A: Ø4.7 mm B: 4.6 mm C: 5.8 mm	A: Ø4.7 mm B: 5.6 mm C: 6.8 mm
Dimensions	A: Ø4.7 mm B: 0.75 mm C: 1 mm	A: Ø4.7 mm B: 1.6 mm C: 2.8 mm	A: Ø4.7 mm B: 2.6 mm C: 3.8 mm	A: Ø4.7 mm B: 3.6 mm C: 4.8 mm	A: Ø4.7 mm B: 4.6 mm C: 5.8 mm	A: Ø4.7 mm B: 5.6 mm C: 6.8 mm
Code	TCT0.5-N	TCT1.5-N	TCT2.5-N	TCT3.5-N	TCT4.5-N	TCT5.5-N
Ref. No.	5221	5222	5223	5252	5253	5254

MULTI-UNIT ANGLED ABUTMENTS						
	A: Ø 4.7 mm B: 1.5 mm	A: Ø 4.7 mm B: 2.5 mm	A: Ø 4.7 mm B: 3.5 mm	A: Ø 4.7 mm B: 1.5 mm	A: Ø 4.7 mm B: 2.5 mm	
Angle	17°			30°		
Dimensions	A: Ø 4.7 mm B: 1.5 mm	A: Ø 4.7 mm B: 2.5 mm	A: Ø 4.7 mm B: 3.5 mm	A: Ø 4.7 mm B: 1.5 mm	A: Ø 4.7 mm B: 2.5 mm	A: Ø 4.7 mm B: 3.5 mm
Code	AU 17-1.5 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

STRAIGHT ABUTMENTS - FOR SINGLE IMPLANT RESTORATION			
	A: Ø4.7 mm B: 0.5mm C: 2.6mm	A: Ø4.7 mm B: 1.5mm C: 3.6mm	A: Ø4.7 mm B: 2.5mm C: 4.6mm
Dimensions	A: Ø4.7 mm B: 0.5mm C: 2.6mm	A: Ø4.7 mm B: 1.5mm C: 3.6mm	A: Ø4.7 mm B: 2.5mm C: 4.6mm
Code	HBC 0.5	HBC 1.5	HBC 2.5
Ref. No.	6040	6041	6042



Note: Package includes HBC abutment screw and burn-out sleeve.



**Internal Hex
Connection (IH)**

CAD/CAM RESTORATION PARTS

DUAL USE SCAN BODIES FOR MULTI-UNITS		10 NCM	ADHESIVE COPINGS FOR MULTI-UNITS	
Height	7 mm	7 mm	3.5 mm	3.5 mm
Code	IOSB-TCT-N-R	IOSB-TCT-N	TAC-TCT-N	TAC-TCT-N-R
Ref. No.	3883*	5003*	5028 ◇	5029 ◇
Instructions	For bridge/bar restorations with multi-unit straight and angled abutments	For single crown restorations with multi-unit angled abutments	For single tooth restorations	For bar/bridge restorations

* Screw included.

SCREWS		
Code	SF-N	SFT-N
Ref. No.	6092	6093
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.

PRE-MILLED BLANKS		30 NCM	ANALOG
Dimensions	A: Ø11.5 mm B: 20.2 mm	Dimensions	A: Ø15.8 mm B: 20.25 mm C: 15.25 mm D: Ø11.5 mm
Code	BA-PF-IH	Code	WBA-PF-IH
Ref. No.	4988	Ref. No.	4989
Instructions	For Preface® abutment holder. Screw included		For resin printed models

CAD/CAM RESTORATION PARTS

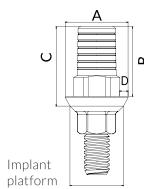
DUAL USE SCAN BODY



HEIGHT	10 mm	Manual Tightening
CODE	SB-IH	
REF. NO.	5019	

Use 1.25 mm driver for insertion (see page 27)

30
Ncm

TI-BASES			WIDE TI-BASES		
	Engaged	Non-engaged	Engaged	Non-engaged	
					
Gingival Height	0.7 mm	2.5 mm	0.7 mm	2.5 mm	0.7 mm
Dimensions	A: Ø4.5 mm B: 5 mm C: 5.7 mm D: 0.6 mm	A: Ø4.5 mm B: 4 mm C: 6.5 mm D: 0.6 mm	A: Ø4.5 mm B: 5 mm C: 5.7 mm D: 0.7 mm	A: Ø4.5 mm B: 4 mm C: 6.5 mm D: 0.7 mm	A: Ø6 mm B: 3.5 mm C: 4.2 mm D: 1.2 mm
Code	CCTB <input type="radio"/>	CCTB-2.5 <input type="radio"/>	CCTB-R <input type="radio"/>	CCTB-R-2.5 <input type="radio"/>	WCCTB <input type="radio"/>
Ref. No.	5024	4951	5025	4952	5007
5008					

Screw included.

SIRONA COMPATIBLE

	TI-BASE	SCAN POST
		
Code	CCTB-IH-SI	CCSP-IH-SI
Ref. No.	4980	4984
Instructions	For scanning and/or restoration use	For scanning only

Screw included.



Internal Hex
Connection (IH)

OVERDENTURE RESTORATIONS

30
NCM

ALPHALOC ABUTMENT SYSTEM

ALPHALOC						
	Ø2.5mm 0.5 mm	1 mm	2 mm	3 mm	4 mm	5 mm
Height	4867	4868	4869	4870	4871	4872
Dimensions	A: Ø 2.5 mm B: 0.5 mm C: 2.16 mm	A: Ø 2.5 mm B: 1 mm C: 2.66 mm	A: Ø 2.5 mm B: 2 mm C: 3.66 mm	A: Ø 2.5 mm B: 3mm C: 4.66 mm	A: Ø 2.5 mm B: 4 mm C: 5.66 mm	A: Ø 2.5 mm B: 5 mm C: 6.66 mm

Kit includes: 1 AlphaLoc abutment of the given height, 1 stainless steel metal housing, 4 retentive caps, 1 block-out spacer, 1 laboratory cap

ALPHALOC PROCESSING PACKAGE		ALPHALOC RETENTIVE CAPS				
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)	4 units per package

ALPHALOC ACCESSORIES

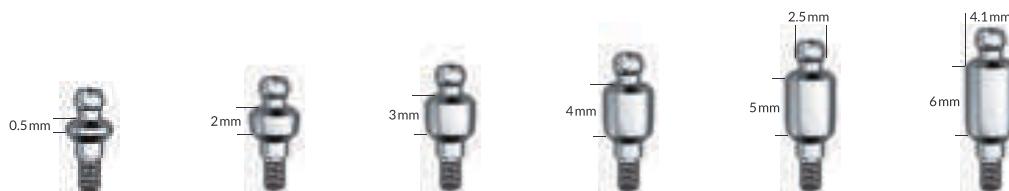
LABORATORY CAP (BLACK)	BLOCK OUT SPACER	IMPRESSION COPING	MALE ANALOG	INSERTION TOOL *	EXTRACTION TOOL *
Content	4 Units	1 Unit	4 Units	4 Units	1 Unit
Ref. No.	4882	4883	4884	4885	4886*
* In some markets, the insertion and extraction tool is provided as a single, dual sided instrument.					

TITANIUM BALL ATTACHMENTS

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

30
NCM

STRAIGHT BALL ATTACHMENTS



Code	TB 0.5	TB 2	TB 3	TB 4	TB 5	TB 6
Ref. No.	6260	6210	6280	6220	6270	6290
Instructions	For impression, use analog 5080 and IH transfers. Use 1.25 driver for insertion (see page 27). Use nylon cap Ø 2.5 mm.					

ANGLED BALL ATTACHMENTS



Code	TBAA2	TBAA3
Ref. No.	6304	6306
Instructions	 Ball is oriented to the flat surface of the hex	

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





Conical Narrow Connection (CHC)

The Conical Narrow Connection system includes 3.2 and 3.5 mm implant diameters with a conical narrow connection for cases involving narrow ridges and limited-space between adjacent teeth. It is compatible with Alpha-Bio Tec's CHC prosthetic line and CAD/CAM restoration parts.

$\varnothing 3.2, \varnothing 3.5$

MULTI NeO	NICE
CONICAL NARROW CONNECTION	CONICAL NARROW CONNECTION
Active implant designed for immediate implant procedures in narrow ridges and limited spaces.	An Extended Solution for Narrow Ridges
RECOMMENDED BONE TYPE	
DESIGN FEATURES	<ul style="list-style-type: none"> Tapered Centering and anchoring features Double, variable threads Micro-threads <ul style="list-style-type: none"> Moderately tapered Split coronal micro threads
CLINICAL BENEFITS	<ul style="list-style-type: none"> High primary stability Reduced marginal bone loss Increased surface area Increased BIC <ul style="list-style-type: none"> Improved stress distribution Supports wide range of clinical cases Controlled bone penetration
OPTIMAL NARROW IMPLANT	
HIGHLY RECOMMENDED OPTIONAL	

MULTINEO SYSTEM MULTIPLE OPTIONS

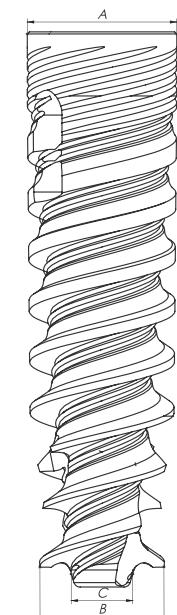
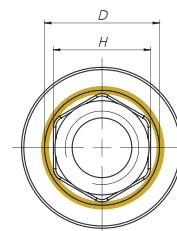


MULTINEO™ MULTIPLE OPTIONS

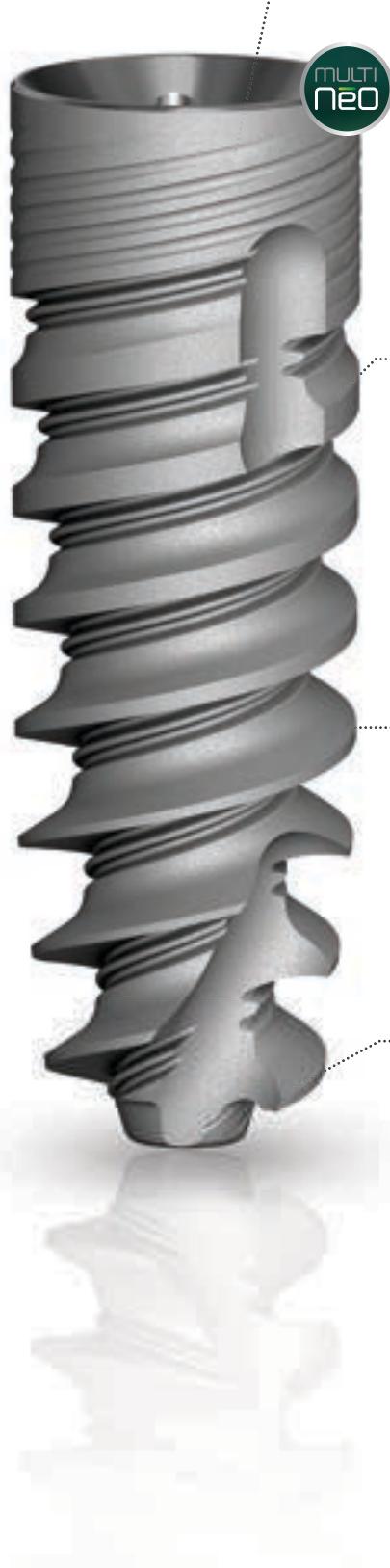
RECOMMENDED BONE TYPE	I II III IV	CLINICAL BENEFITS
DESIGN FEATURES	<ul style="list-style-type: none"> Tapered Centering and anchoring features Double, variable threads Micro-threads 	<ul style="list-style-type: none"> High primary stability Reduced marginal bone loss Increased surface area Increased BIC

HIGHLY RECOMMENDED OPTIONAL

Ø 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	Ø 2.1
	10 mm	1900	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	Ø 2.1
	11.5 mm	1901	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	Ø 2.1
	13 mm	1903	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	Ø 2.1
	16 mm	1906	Ø 3.2	Ø 2.9	Ø 1.5	Ø 2.5	Ø 2.1
Ø 3.5	8 mm	1928	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	Ø 2.1
	10 mm	1920	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	Ø 2.1
	11.5 mm	1921	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	Ø 2.1
	13 mm	1923	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	Ø 2.1
	16 mm	1926	Ø 3.5	Ø 2.9	Ø 1.5	Ø 2.5	Ø 2.1



MULTINEO SYSTEM MULTIPLE OPTIONS



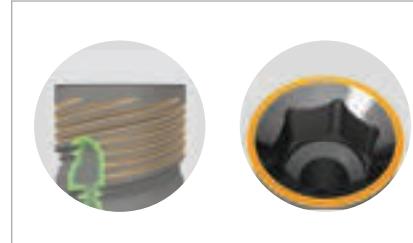
CORONAL PART

Design Features:

- Platform Switching
- Micro-threads
- Cutting flutes
- Conical narrow connection

Clinical Benefits:

- Reduced pressure on cortical area
- Efficient cutting ability
- Improved bone preservation
- High initial stability



IMPLANT THREADS

Design Features:

- Variable thread design
- Double thread with 2.4 mm step
- Micro-threads

Clinical Benefits:

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



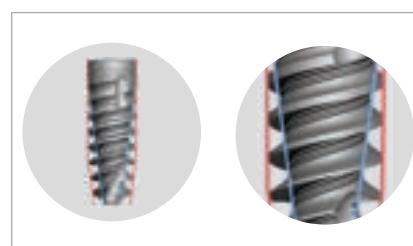
IMPLANT BODY AND CORE

Design Features:

- Straight coronal part
- Slightly tapered body
- Tapered core
- Tapered apical part

Clinical Benefits:

- Osteotome like body
- High primary stability



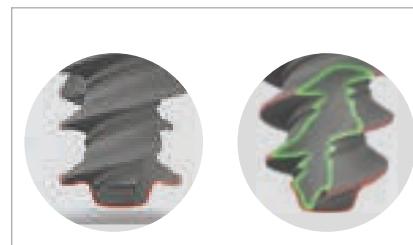
APICAL PART

Design Features:

- Narrow apex
- Sharp and deep threads
- Patented centering feature

Clinical Benefits:

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



MULTINEO SYSTEM MULTIPLE OPTIONS



IMPLANT SYSTEM

IMPLANT PACKAGE

A modern and easy-to-use implant package with enhanced ergonomics.



DRIVERS

Color coded grip drivers with gingival height markings and lead pin for centering and easy insertion.



STEP DRILLING SEQUENCE

$\varnothing 3.2$

Bone Type IV	Bone Type II & III		Bone Type I		
$\varnothing 2.0$ 	$\varnothing 2.0$ 	$\varnothing 2.4/\varnothing 2.8$ 	$\varnothing 2.0$ 	$\varnothing 2.4/\varnothing 2.8$ 	$\varnothing 2.8/\varnothing 3.0$



$\varnothing 3.5$

Bone Type IV	Bone Type II & III			Bone Type I		
$\varnothing 2.0$ 	$\varnothing 2.0/\varnothing 2.4$ 	$\varnothing 2.0$ 	$\varnothing 2.4/\varnothing 2.8$ 	$\varnothing 2.8/\varnothing 3.0$ 	$\varnothing 2.0$ 	$\varnothing 2.4/\varnothing 2.8$



STRAIGHT DRILLING SEQUENCE

$\varnothing 3.2$

Bone Type IV	Bone Type II & III			Bone Type I		
$\varnothing 2.0$ 	$\varnothing 2.0$ 	$\varnothing 2.4$ 	$\varnothing 2.8^*$ 	$\varnothing 2.0$ 	$\varnothing 2.8$ 	$\varnothing 3.0^*$



$\varnothing 3.5$

Bone Type IV	Bone Type II & III			Bone Type I		
$\varnothing 2.0$ 	$\varnothing 2.4^*$ 	$\varnothing 2.0$ 	$\varnothing 2.8$ 	$\varnothing 3.0^*$ 	$\varnothing 2.0$ 	$\varnothing 2.8$



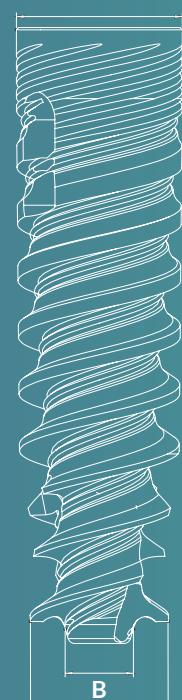
* 3mm shorter than implant's length.

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



Conical Narrow Connection (CHC)

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



INSERTION TOOLS

Manual	Motor Mount	Wrench
 MITD 2.1 CHC 4147	 IT 2.1 L M CHC 7303	 ITD 2.1 L CHC 7301

NICE SYSTEM AN EXTENDED SOLUTION FOR NARROW RIDGES

RECOMMENDED
BONE TYPE



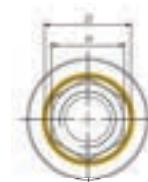
DESIGN FEATURES

- Moderately tapered
- Split coronal micro threads

CLINICAL BENEFITS

- Improved stress distribution
- Supports wide range of clinical cases
- Controlled bone penetration

HIGHLY RECOMMENDED OPTIONAL



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



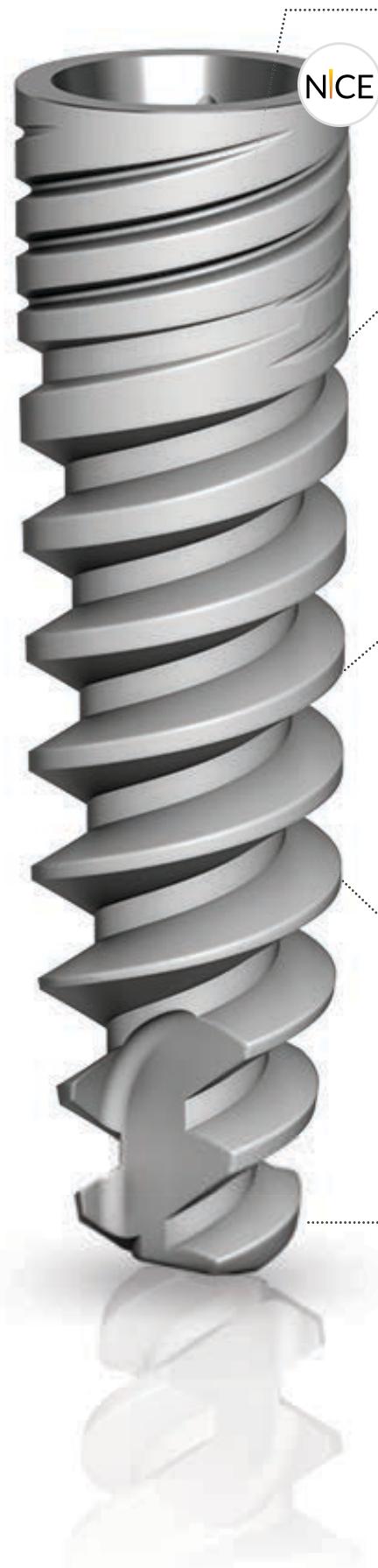
STRAIGHT DRILLING SEQUENCE

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

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

** 3 mm shorter than implant's length.

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

**IMPLANT ABUTMENT CONNECTION****Design Features:**

- Hex 2.1 mm
 - Significant platform switching
 - Tight implant abutment fit
- Clinical Benefits:**
- Low bacteria leakage
 - Reduced micro movements
 - Reduced marginal bone loss
 - Esthetically pleasing results

**CORONAL PART****Design Features:**

- Straight coronal part
- Split coronal micro-thread

Clinical Benefits:

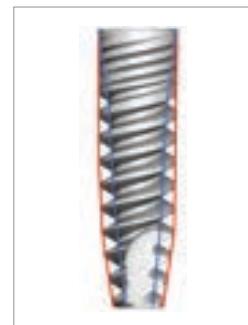
- Increased surface area
- Increased BIC (Bone to Implant contact) in the coronal part
- Reduced marginal bone loss (MBL)
- Immediate and long-term esthetic results.

**IMPLANT BODY AND CORE****Design Features:**

- Tapered core and body
- Osteotome like body

Clinical Benefits:

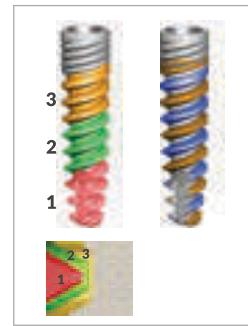
- Smooth insertion to the bone
- High primary stability
- Enables immediate implantation and immediate loading

**IMPLANT THREADS****Design Features:**

- Double thread design 2.2 mm
- Variable thread design
- Trapezoid thread profile

Clinical Benefits:

- Narrow apical part 2.0mm
- Sharp and deep apical threads
- Tapered apex
- Flat apex

**APICAL PART****Design Features:**

- Narrow apical part 2.0mm
- Sharp and deep apical threads
- Tapered apex
- Flat apex

Advantages:

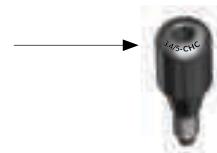
- Easy & controlled insertion
- High primary stability
- Suitable for immediate implantation and immediate loading

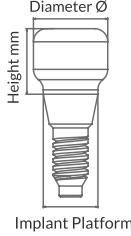


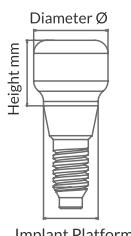
HEALING ABUTMENTS

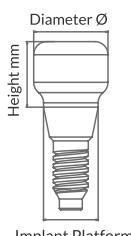


Laser marking to ensure easy identification of height and diameter.



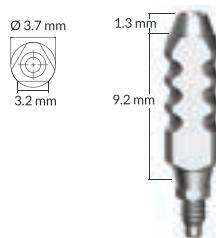
$\varnothing 3.4 \text{ mm}$			MANUAL TIGHTENING	
				
Dimensions	D: $\varnothing 3.4 \text{ mm}$ H: 2 mm	D: $\varnothing 3.4 \text{ mm}$ H: 3 mm	D: $\varnothing 3.4 \text{ mm}$ H: 5 mm	
Code	HSD3.4-2-CHC	HSD3.4-3-CHC	HSD3.4-5-CHC	
Ref. No.	7311	7312	7313	4052 4053

$\varnothing 3.8 \text{ mm}$				
				
Dimensions	D: $\varnothing 3.8 \text{ mm}$ H: 2 mm	D: $\varnothing 3.8 \text{ mm}$ H: 3 mm	D: $\varnothing 3.8 \text{ mm}$ H: 5 mm	
Code	HSD3.8-2-CHC	HSD3.8-3-CHC	HSD3.8-5-CHC	
Ref. No.	7315	7316	7317	

$\varnothing 4.2 \text{ mm}$				
				
Dimensions	D: $\varnothing 4.2 \text{ mm}$ H: 2 mm	D: $\varnothing 4.2 \text{ mm}$ H: 3 mm	D: $\varnothing 4.2 \text{ mm}$ H: 5 mm	
Code	HSD4.2-2-CHC	HSD4.2-3-CHC	HSD4.2-5-CHC	
Ref. No.	7319	7320	7321	

IMPRESSION TRANSFERS & ANALOGS

CLOSED TRAY TRANSFER

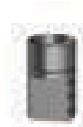


OPEN TRAY TRANSFER



Code	HLTS-CHC	HLTO-CHC
Ref. No.	7333	7335
Instructions	Supplied with the screw. Max. 10 Ncm. Manual tightening.	

IMPLANT ANALOGS



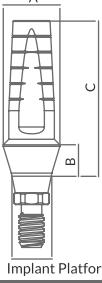
Code	IA-CHC	BTT-N	AN-PM-CHC
Ref. No.	7338	5211	4996
Instructions	For Multi-Unit restorations		For resin printed model

CEMENT-RETAINED RESTORATIONS



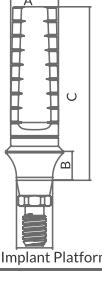
ESTHETIC STRAIGHT ABUTMENTS

20 NCM

				
ESTHETIC STRAIGHT ABUTMENTS				
Dimensions	A: Ø 3.6 mm B: 1.0 mm C: 8.9 mm	A: Ø 3.6 mm B: 2.0 mm C: 9.9 mm	A: Ø 3.6 mm B: 3.0 mm C: 10.9 mm	A: Ø 3.6 mm B: 4.0 mm C: 11.9 mm
Code	ETLASP1-CHC	ETLASP2-CHC	ETLASP3-CHC	ETLASP4-CHC
Ref. No.	7350	7351	7352	7353
Instructions	Use 1.25 mm driver for insertion (see page 27). DO NOT exceed 20 Ncm.			

ESTHETIC STRAIGHT WIDE ABUTMENTS

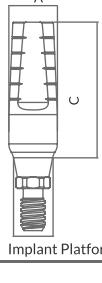
20 NCM

				
ESTHETIC STRAIGHT WIDE ABUTMENTS				
Dimensions	A: Ø 4.0 mm B: 1.0 mm C: 11.0 mm	A: Ø 4.0 mm B: 2.0 mm C: 12.0 mm	A: Ø 4.0 mm B: 3.0 mm C: 13.0 mm	A: Ø 4.0 mm B: 4.0 mm C: 14.0 mm
Code	ETWASP1-CHC	ETWASP2-CHC	ETWASP3-CHC	ETWASP4-CHC
Ref. No.	7370	7371	7372	7373
Instructions	Use 1.25 mm driver for insertion (see page 27).			

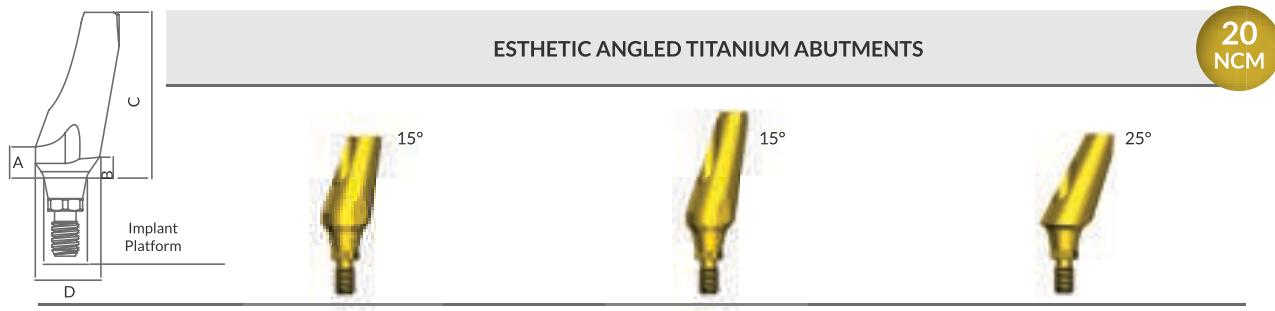
ESTHETIC STANDARD ABUTMENTS

20 NCM

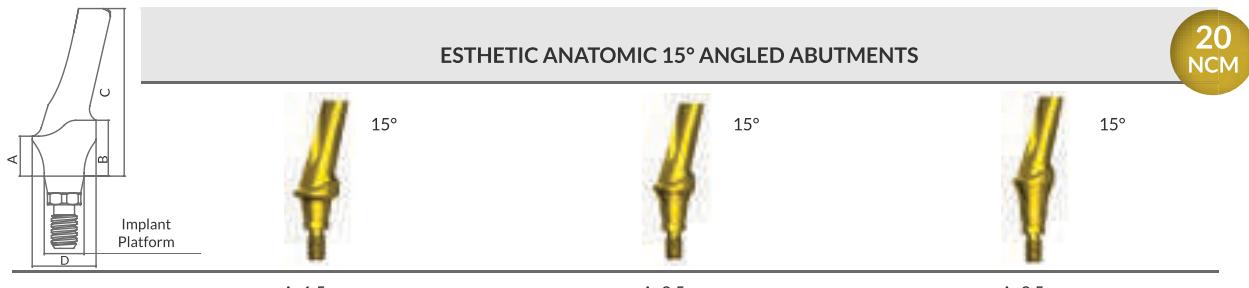
STANDARD ABUTMENT

				
ESTHETIC STANDARD ABUTMENTS				
Dimensions	A: Ø 3.2 mm C: 9.0 mm	A: Ø 3.6 mm C: 9.0 mm	A: Ø 4.0 mm C: 11.0 mm	A: Ø 4.0 mm C: 9.2 mm
Code	ETLAS3.2-CHC	ETLAS3.6-CHC	ETLAS4.0-CHC	TLAS4.0-CHC
Ref. No.	7356	7357	7383	7358
Instructions	Use 1.25 mm driver for insertion (see page 27).			

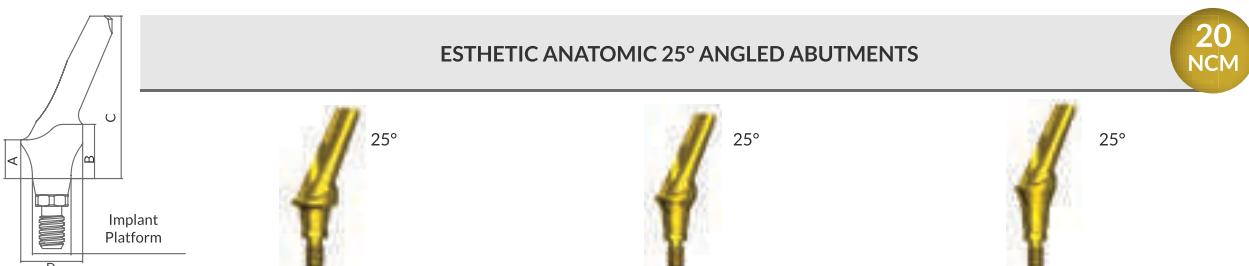
CEMENT-RETAINED RESTORATIONS



Dimensions	A: 1.1 mm B: 1.5 mm C: 8.2 mm D: Ø 3.9 mm	A: 1.1 mm B: 1.5 mm C: 10.2 mm D: Ø 3.9 mm	A: 1.1 mm B: 1.4 mm C: 8.2 mm D: Ø 4.3 mm
Code	ETLA15-CHC	ETLAL15-CHC	ETLA25-CHC
Ref. No.	7360	7361	7362



Dimensions	A: 1.5 mm B: 2.5 mm C: 9.5 mm D: Ø 4.0 mm	A: 2.5 mm B: 3.5 mm C: 10.5 mm D: Ø 4.0 mm	A: 3.5 mm B: 4.5 mm C: 11.5 mm D: Ø 4.0 mm
Code	EA15-1.5 CHC	EA15-2.5 CHC	EA15-3.5 CHC
Ref. No.	7363	7364	7365



Dimensions	A: 1.5 mm B: 2.5 mm C: 9.5 mm D: Ø 4.0 mm	A: 2.5 mm B: 3.5 mm C: 10.5 mm D: Ø 4.0 mm	A: 3.5 mm B: 4.5 mm C: 11.5 mm D: Ø 4.0 mm
Code	EA25-1.5CHC	EA25-2.5CHC	EA25-3.5CHC
Ref. No.	7366	7367	7368

Instructions Use 1.25 mm driver for insertion (see page 27).

CASTING ABUTMENTS



SCREWS

PROSTHETIC SCREW CHC		RETRIEVAL SCREW CHC
STLA-CHC		RS-CHC
Code	Ref. No.	7400

CoCr BASE ABUTMENTS		SCREW
		20 NCM
Diameter	Ø 3.6	
Code	TLABCC-CHC	CCS-CHC
Ref. No.	3613	3614
Instructions	Melting Range: 1200°C - 1330°C. Recommended sintering below 900°C	

Note: Remove screw and titanium base before sintering





ONE IMPLANT **MULTIPLE OPTIONS**



The Complete MultiNeo™ Implant Family

With more options to choose from, the MultiNeo™ family now includes 3 connections:



**Conical Narrow
Connection (CHC)**



**Conical Standard
Connection (CS)**



**Internal Hex
Connection (IH)**

Each connection features a dedicated restoration line

SCREW-RETAINED RESTORATIONS

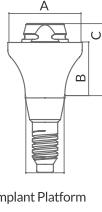


ANGLED ABUTMENTS	IMPLANTS	STRAIGHT ABUTMENTS	OPEN TRAY TRANSFER	CLOSED TRAY
7482 AU 17-1.5 CHC A: Ø 4.7 B: 1.5 mm	Ø 3.2 Ø 3.5	5242 TCT-N 0.75 CHC A: Ø 4.7 mm B: 0.75 mm C: 1.95 mm	5231 TST-N	5248 TCT-N-R
7483 AU 17-2.5 CHC A: Ø 4.7 B: 2.5 mm		5243 TCT-N 1.5 CHC A: Ø 4.7 mm B: 1.5 mm C: 2.7 mm	5235 TS-N	
7484 AU 17-3.5 CHC A: Ø 4.7 B: 3.5 mm		5244 TCT-N 2.5 CHC A: Ø 4.7 mm B: 2.5 mm C: 3.7 mm		
7487 AU 30-1.5 CHC A: Ø 4.7 B: 1.5 mm	Ø 3.2	5245 TCT-N 3.5 CHC A: Ø 4.7 mm B: 3.5 mm C: 4.7 mm	5211 BTT-N	
7488 AU 30-2.5 CHC A: Ø 4.7 B: 2.5 mm		5246 TCT-N 4.5 CHC A: Ø 4.7 mm B: 4.5 mm C: 5.7 mm		
7489 AU 30-3.5 CHC A: Ø 4.7 B: 3.5 mm		5247 TCT-N 5.5 CHC A: Ø 4.7 mm B: 5.5 mm C: 6.7 mm		
1.25 MM DRIVER		1.5 MM DRIVER		
TORQUE				
4572 TORQUE RATCHET		Straight Multi-Unit Abutment CHC	20 Ncm	
		Impression transfer and healing abutment	Manual Tightening	
		Temporary fixture on MUA	15 Ncm	
		Angled Multi-Unit Abutment	20 Ncm	

SCREW-RETAINED RESTORATIONS

MULTI UNIT ABUTMENTS

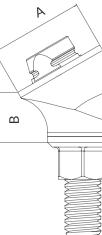
**20
NCM**



MULTI-UNIT STRAIGHT ABUTMENTS CHC

Dimensions	A: Ø 4.7 mm B: 0.75 mm C: 1.95 mm	A: Ø 4.7 mm B: 1.5 mm C: 2.7 mm	A: Ø 4.7 mm B: 2.5 mm C: 3.7 mm	A: Ø 4.7 mm B: 3.5 mm C: 4.7 mm	A: Ø 4.7 mm B: 4.5 mm C: 5.7 mm	A: Ø 4.7 mm B: 5.5 mm C: 6.7 mm
Code	TCT-N 0.75 CHC	TCT-N 1.5 CHC	TCT-N 2.5 CHC	TCT-N 3.5 CHC	TCT-N 4.5 CHC	TCT-N 5.5 CHC
Ref. No.	5242	5243	5244	5245	5246	5247

**20
NCM**



MULTI-UNIT ANGLED ABUTMENTS CHC

Angle	17°			30°		
Dimensions	A: Ø 4.7 B: 1.5 mm	A: Ø 4.7 B: 2.5 mm	A: Ø 4.7 B: 3.5 mm	A: Ø 4.7 B: 1.5 mm	A: Ø 4.7 B: 2.5 mm	A: Ø 4.7 B: 3.5 mm
Code	AU 17-1.5 CHC	AU 17-2.5 CHC	AU 17-3.5 CHC	AU 30-1.5 CHC	AU 30-2.5 CHC	AU 30-3.5 CHC
Ref. No.	7482	7483	7484	7487	7488	7489



CAD/CAM RESTORATION PARTS



DUAL USE SCAN BODIES FOR MULTI-UNITS			ADHESIVE COPINGS FOR MULTI-UNITS	
	10 NCM		ENGAGED	NON-ENGAGED
Height	7 mm	7 mm	3.5 mm	3.5 mm
Code	IOSB-TCT-N-R	IOSB-TCT-N	TAC-TCT-N ○	TAC-TCT-N-R ○
Ref. No.	3883	5003	5028	5029
Instructions	For bridge/bar restorations with multi-unit straight and angled abutments	For single crown restorations with multi-unit angled abutments.	For single tooth restorations	For bar/bridge restorations
	Screw included			

SCREWS			ANALOG
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 For resin printed models



CAD/CAM RESTORATION PARTS

DUAL USE SCAN BODY



HEIGHT	10 mm	Manual Tightening
CODE	SB-CHC	
REF. NO.	5021	
INSTRUCTION	Screw included. Use 1.25 mm driver for insertion (see page 27)	

20 NCM

PRE-MILLED BLANK	
Dimensions	A: Ø11.5 mm B: 20.2 mm
Code	BA-PF-CHC
Ref. No.	4990
	For Preface® abutment holder. Screw included. Use 1.25 mm driver for insertion (see page 27)

TI-BASES

20 NCM

	ENGAGED	NON-ENGAGED	
Height Gingivale	0.7 mm	2.5 mm	0.7 mm
Dimensions	A: Ø3.8 mm B: 5 mm C: 5.7 mm D: 0.4 mm	A: Ø3.8 mm B: 4 mm C: 6.5 mm D: 0.42 mm	A: Ø3.6 mm B: 5 mm C: 5.7 mm D: 0.5 mm
Code	CCTB-CHC ○	CCTB-CHC-2.5 ○	CCTB-CHC-R ○
Ref. No.	5026	4953	5027
Instructions	Screw included. Use 1.25 mm driver for insertion (see page 27)		

SIRONA COMPATIBLE

20 NCM

	TI-BASE	SCAN POST
Code	CCTB-CHC-SI	CCSP-CHC-SI
Ref. No.	4982	4985
Instructions	For scanning and/or restoration use	For scanning only
Screw included. Use 1.25 mm driver for insertion (see page 27)		

OVERDENTURE RESTORATIONS



ALPHALOC ABUTMENT SYSTEM

		ALPHALOC						20 NCM	
		Implant platform							
Dimensions		A: 2.5 mm B: 0.5 mm C: 2.5 mm	A: 2.5 mm B: 1.0 mm C: 3.6 mm	A: 2.5 mm B: 2.0 mm C: 3.6 mm	A: 2.5 mm B: 3.0 mm C: 3.6 mm	A: 2.5 mm B: 4.0 mm C: 3.6 mm	A: 2.5 mm B: 5.0 mm C: 3.6 mm		
		7470	7471	7472	7473	7474	7475		
Instructions	Kit includes: 1 attachment of the given height, 1 stainless steel metal housing, 4 retentive caps, 1 block-out spacer, 1 laboratory cap.								

ALPHALOC PROCESSING PACKAGE			ALPHALOC RETENTIVE CAPS		
	Ref. No.	4875	4876	4877	4878
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)
		4 units per package			



OVERDENTURE RESTORATIONS

ALPHALOC ACCESSORIES

LABORATORY CAP (BLACK)	BLOCK OUT SPACER	IMPRESSION COPING	MALE ANALOG	INSERTION TOOL*	EXTRACTION TOOL*
Includes Ref. No.	4 Units 4882	1 Unit 4883	4 Units 4884	4 Units 4885	1 Unit 4886* 1 Pièce 4887*

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

BALL ATTACHMENTS


Implant platform

STRAIGHT BALL ATTACHMENTS



A: 2.5 mm
B: 2.5 mm
C: 1.0 mm
A: 2.5 mm
B: 3.6 mm
C: 2.0 mm
A: 2.5 mm
B: 3.6 mm
C: 3.0 mm
A: 2.5 mm
B: 3.6 mm
C: 4.0 mm
A: 2.5 mm
B: 3.6 mm
C: 5.0 mm

20
NCM

Dimensions	TB1-CHC	TB2-CHC	TB3-CHC	TB4-CHC	TB5-CHC
Ref. No.	7403	7404	7405	7406	7407
Instructions	Use 1.25 driver for insertion (see page 27). 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





Conical Standard Connection (CS)

The MultiNeO implant is based on over three decades of proven clinical studies & experience. The implant's conical connection, unique implant design features and the prosthetic line contribute to preserving the soft and hard tissues in immediate and delayed implant procedures.



3.75, Ø 4.2, Ø 5.0



CONNECTION	CONICAL STANDARD
Active implant designed for immediate implant procedures in a variety of bone types	
RECOMMENDED BONE TYPE	I II III IV
DESIGN FEATURES	<ul style="list-style-type: none"> Tapered Centering and anchoring features Double, variable threads Micro-threads
CLINICAL BENEFITS	<ul style="list-style-type: none"> High primary stability Reduced marginal bone loss Increased surface area Increased BIC
ULTIMATE	



MULTINEO SYSTEM MULTIPLE OPTIONS



MULTINEO™

The MultiNeO implant System includes 3.75, 4.2 and 5.0 mm diameter implants with a Conical Standard (CS) connection. It is compatible with Alpha-Bio Tec's Conical Standard prosthetic line and CAD/CAM restoration parts.

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 3.55	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



IMPLANT SYSTEM

IMPLANT PACKAGE

A modern and easy-to-use implant package with enhanced ergonomics.

DRIVERS

Color coded grip drivers with gingival height markings and lead pin for centering and easy insertion.



MULTINEO SYSTEM MULTIPLE OPTIONS



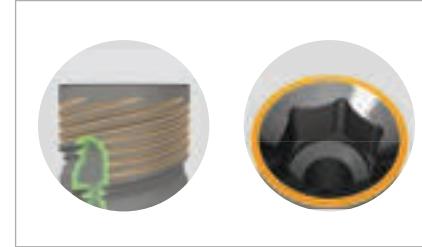
CORONAL PART

Design Features:

- Platform Switching
- Micro-threads
- Cutting flutes
- Internal hex and Conical standard

Clinical Benefits:

- Reduced pressure on cortical area
- Efficient cutting ability
- Improved bone preservation
- High initial stability



IMPLANT THREADS

Design Features:

- Variable thread design
- Double thread with 2.4mm step
- Micro-threads

Clinical Benefits:

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



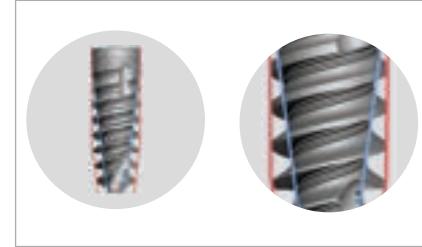
IMPLANT BODY AND CORE

Design Features:

- Straight coronal part
- Slightly tapered body
- Tapered core
- Tapered apical part

Clinical Benefits:

- Osteotome like body
- High primary stability



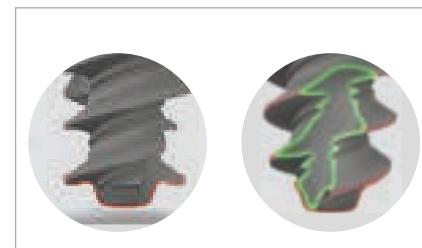
APICAL PART

Design Features:

- Narrow apex
- Sharp and deep threads
- Patented centering feature

Clinical Benefits:

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



MULTINEO SYSTEM MULTIPLE OPTIONS

STEP DRILLING SEQUENCE

Ø 3.75

Bone Type IV		Bone Type II & III			Bone Type I			
Ø 2.0	Ø 2.4 / Ø 2.8	Ø 2.0	Ø 2.4 / Ø 2.8	Ø 2.8 / Ø 3.2	Ø 2.0	Ø 2.4 / Ø 2.8	Ø 2.8 / Ø 3.2	Ø 3.2 / Ø 3.65 Cortical*

Ø 4.2

Bone Type IV			Bone Type II & III			Bone Type I			
Ø 2.0	Ø 2.4 / Ø 2.8	Ø 2.8 / Ø 3.2	Ø 2.0	Ø 2.4 / Ø 2.8	Ø 3.2 / Ø 3.65	Ø 2.0	Ø 2.4 / Ø 2.8	Ø 3.2 / Ø 3.65	Ø 3.65 / Ø 4.1 Cortical*

Ø 5.0

Bone Type IV			Bone Type II & III				Bone Type I					
Ø 2.0	Ø 2.4 / Ø 2.8	Ø 3.2 / Ø 3.65	Ø 2.0	Ø 2.4 / Ø 2.8	Ø 3.2 / Ø 3.65	Ø 3.65 / Ø 4.1	Ø 2.0	Ø 2.4 / Ø 2.8	Ø 3.2 / Ø 3.65	Ø 3.65 / Ø 4.1	Ø 4.1 / Ø 4.5	Ø 4.5 / Ø 4.8 Cortical*

* Cortical – Drill through cortical plate with the larger diameter.

STRAIGHT DRILLING SEQUENCE

Ø 3.75

Bone Type IV			Bone Type II & III			Bone Type I			
Ø 2.0	Ø 2.4	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 5.0

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

* Cortical – Drill through cortical plate

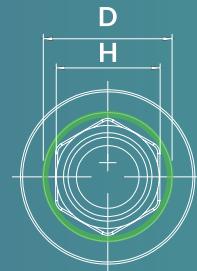
** 3mm shorter than implant's length. Note that drill can be replaced by a corresponding step drill throughout entire implant's length.
For more information, see step protocol.

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



Conical Standard Connection (CS)

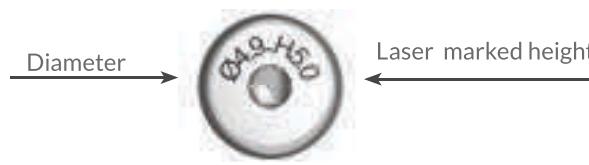
Diameter	Length	Ref. No	Dimensions				
			A	B	C	D	H
Ø 3.75	mm 8	9338	Ø 3.75	Ø 3.1	Ø 1.8	Ø 3.1	2.5
	mm 10	9330	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.1	2.5
	mm 11.5	9331	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.1	2.5
	mm 13	9333	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.1	2.5
	mm 16	9336	Ø 3.75	Ø 2.9	Ø 1.5	Ø 3.1	2.5
Ø 4.2	mm 8	9348	Ø 4.2	Ø 3.55	Ø 1.8	Ø 3.1	2.5
	mm 10	9340	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.1	2.5
	mm 11.5	9341	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.1	2.5
	mm 13	9343	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.1	2.5
	mm 16	9346	Ø 4.2	Ø 3.3	Ø 1.8	Ø 3.1	2.5
Ø 5.0	mm 8	9358	Ø 5.0	Ø 4.4	Ø 2.6	Ø 3.1	2.5
	mm 10	9350	Ø 5.0	Ø 4.1	Ø 2.3	Ø 3.1	2.5
	mm 11.5	9351	Ø 5.0	Ø 4.1	Ø 2.3	Ø 3.1	2.5
	mm 13	9353	Ø 5.0	Ø 4.1	Ø 2.3	Ø 3.1	2.5



INSERTION TOOLS

Manual	Motor Mount	Wrench
 MITD 2.5 CS 3806	 IT 2.5 LM CS 3805	 IT 2.5 SM CS 3804
 ITD 2.5 L CS 3803	 ITD 2.5 S CS 3801	

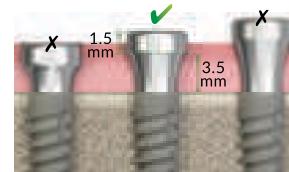
HEALING ABUTMENTS



The healing abutment should protrude from the soft tissue margin, as shown.

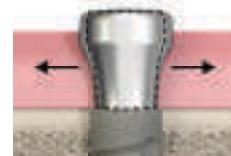
If broadening of the soft tissue is required, it is possible to use a slim healing abutment (\varnothing 4.0 mm) first, and then switch to a standard or wide healing abutment (\varnothing 4.9 or \varnothing 6.2 mm), according to the clinical requirements.

Choosing the correct healing abutment



* Use 1.25 mm driver.

Broadening of the soft tissue

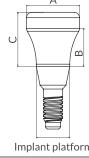


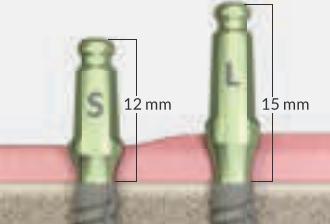
TITANIUM HEALING ABUTMENTS

	\varnothing 4.0 MM						MANUAL TIGHTENING	
Dimensions	A: \varnothing 4.0 mm B: 1.5 mm C: 3 mm	A: \varnothing 4.0 mm B: 2.5 mm C: 4 mm	A: \varnothing 4.0 mm B: 3.5 mm C: 5 mm	A: \varnothing 4.0 mm B: 4.5 mm C: 6 mm	A: \varnothing 4.0 mm B: 5.5 mm C: 7 mm		HHS1.25 4052	HHSS1.25 4053
Code	HA-D4-CH1.5-CS	HA-D4-CH2.5-CS	HA-D4-CH3.5-CS	HA-D4-CH4.5-CS	HA-D4-CH5.5-CS			
Ref. No.	3401 3402 3403 3404 3405							
Instructions	Use 1.25 mm driver for insertion (see page 27).							

	\varnothing 4.9 MM						
Dimensions	A: \varnothing 4.9 mm B: 1.5 mm C: 3 mm	A: \varnothing 4.9 mm B: 2.5 mm C: 4 mm	A: \varnothing 4.9 mm B: 3.5 mm C: 5 mm	A: \varnothing 4.9 mm B: 4.5 mm C: 6 mm	A: \varnothing 4.9 mm B: 5.5 mm C: 7 mm		
Code	HA-D4.9-CH1.5-CS	HA-D4.9-CH2.5-CS	HA-D4.9-CH3.5-CS	HA-D4.9-CH4.5-CS	HA-D4.9-CH5.5-CS		
Ref. No.	3407 3408 3409 3410 3411						

HEALING ABUTMENTS & IMPRESSION

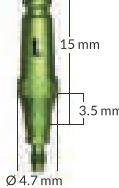
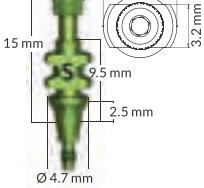
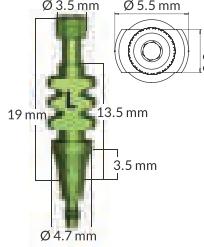
		$\varnothing 6.2 \text{ MM}$
		 
Dimensions	A: $\varnothing 6.2 \text{ mm}$ B: 1.5 mm C: 3 mm	A: $\varnothing 6.2 \text{ mm}$ B: 2.5 mm C: 4 mm
Code	HA-D6.2-CH1.5-CS	HA-D6.2-CH2.5-CS
Ref. No.	3412	3413
Instructions	Use 1.25 mm driver for insertion (see page 27)	



Transfer selection

It is recommended to use the short or long closed/open tray transfers with the utmost fit to the gingival design and the adjacent structures.

IMPRESSION TRANSFERS

SHORT CLOSED TRAY TRANSFER	LONG CLOSED TRAY TRANSFER	SHORT OPEN TRAY TRANSFER	LONG OPEN TRAY TRANSFER 30 NCM
			
Code	SCTT-CS	LCTT-CS	SOTT-CS
Ref. No.	3450	3451	3455
Instructions	Use 1.25 mm driver for insertion (see page 27).		

IMPLANT ANALOGS

	
Code	BTT-N
Ref. No.	5211
Instructions	For Multi-Unit restorations
	For plaster model

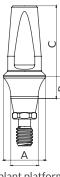
CEMENT RETAINED RESTORATIONS

ESTHETIC TITANIUM ABUTMENTS

STRAIGHT ABUTMENTS WITH VARIOUS CUFF HEIGHTS

PLASTIC TRANSFER

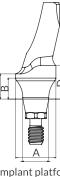
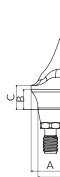
30 NCM

					
Dimensions	A: Ø 4.8 mm B: 1.5 mm C: 9.5 mm	A: Ø 4.8 mm B: 2.5 mm C: 10.5 mm	A: Ø 4.8 mm B: 3.5 mm C: 11.5 mm	A: Ø 4.8 mm B: 4.5 mm C: 12.5 mm	To be used only on straight titanium abutments
Code	TLA-H1.5-CS	TLA-H2.5-CS	TLA-H3.5-CS	TLA-H4.5-CS	HTLASP
Ref. No.	3501	3502	3503	3504	5364
Instructions	Use 1.25 mm driver for insertion (see page 27).				

ANGLED ABUTMENTS 15°

ANGLED ABUTMENTS 25°

30 NCM

					
Dimensions	A: Ø 4.8 mm B: 1.5 mm C: 2 mm D: 3 mm E: 10.5 mm	A: Ø 4.8 mm B: 2.5 mm C: 3 mm D: 4 mm E: 11.5 mm	Dimensions	A: Ø 4.8 mm B: 1.5 mm C: 2 mm D: 3 mm E: 10.5 mm	A: Ø 4.8 mm B: 2.5 mm C: 2 mm D: 3 mm E: 11.5 mm
Code	TLA-15-H1.5-CS	TLA-15-H2.5-CS	Code	TLA-25-H1.5-CS	TLA-25-H2.5-CS
Ref. No.	3511	3512	Ref. No.	3514	3515
Instructions	Use 1.25 mm driver for insertion (see page 27).				

TEMPORARY ABUTMENTS

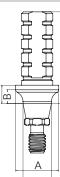
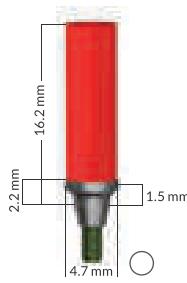
CASTING ABUTMENTS

TEMPORARY ABUTMENTS

SCREW

CoCr BASE ABUTMENTS*

30 NCM

					
Dimensions	A: Ø 4.7 mm B: 1.5 mm C: 2 mm D: 10 mm	A: Ø 4.7 mm B: 1.5 mm C: 2 mm D: 10 mm	CCS-CS	CoCr-AR-CHCS	CoCr-R-CHCS
Code	TA-AR-CS	TA-R-CS			
Ref. No.	3532	3533	3462	3846	3847
Instructions	Use 1.25 mm driver for insertion (see page 27).				
* Note: remove screw and titanium base before sintering Melting Range: 1200°C - 1330°C Recommended sintering below 900°C					

* Note: remove screw and titanium base before sintering

SCREW RETAINED RESTORATIONS

Alpha
UNIVERSE MULTI UNIT ABUTMENTS

ANGLED ABUTMENTS	IMPLANTS	STRAIGHT ABUTMENTS	OPEN TRAY TRANSFER	CLOSED TRAY
3862 AU 17-1.5 CS	A: Ø 4.7 B: 1.5 mm	3870 TCT-0.75-CS	A: Ø 4.7 mm B: 0.5 mm C: 0.75 mm D: 1.9 mm	5231 TST-N 5248 TCT-N-R 5235 TS-N
3863 AU 17-2.5 CS	A: Ø 4.7 B: 2.5 mm	3871 TCT-1.5-CS	A: Ø 4.7 mm B: 1.5 mm C: 2 mm D: 3.2 mm	5211 BTT-N
3864 AU 17-3.5 CS	A: Ø 4.7 B: 3.5 mm	3872 TCT-2.5-CS	A: Ø 4.7 mm B: 2.5 mm C: 3 mm D: 4.2 mm	6092 SF-N 6093 SFT-N
3867 AU 30-1.5 CS	A: Ø 4.7 B: 1.5 mm	3873 TCT-3.5-CS	A: 4.7 mm B: 3.5 mm	5216 TTA-N Includes screw 6092.
3868 AU 30-2.5 CS	A: Ø 4.7 B: 2.5 mm	3874 TCT-4.5-CS	A: 4.7 mm B: 4.5 mm	5236 HCT4-N 5237 HCT6-N Integrated screw
3869 AU 30-3.5 CS	A: Ø 4.7 B: 3.5 mm	3875 TCT-5.5-CS	A: 4.7 mm B: 5.5 mm	5217 PST-N-AR 5218 PST-N includes screw 6093.
4055 1.25 mm		4057 1.5 mm		
TORQUE				
4572 TORQUE RATCHET		Straight Multi-Unit abutments CS	30 Ncm	
		Impression transfer and healing abutment	Manual Tightening	
		Temporary abutments	25 Ncm	
		Angled multi-unit abutment CS	30 Ncm	

SCREW RETAINED RESTORATIONS



MULTI-UNIT ABUTMENTS

30 NCM

	ANGLE 17°			ANGLE 30°		
Dimensions	A: Ø 4.7 mm B: 1.5 mm	A: Ø 4.7 mm B: 2.5 mm	A: Ø 4.7 mm B: 3.5 mm	A: Ø 4.7 mm B: 1.5 mm	A: Ø 4.7 mm B: 2.5 mm	A: Ø 4.7 mm B: 3.5 mm
Code	AU-17-1.5-CS	AU-17-2.5-CS	AU-17-3.5-CS	AU-30-1.5-CS	AU-30-2.5-CS	AU-30-3.5-CS
Ref. No.	3862	3863	3864	3867	3868	3869
Instructions	Use 1.25 mm driver for insertion (see page 27).					

MULTI-UNIT STRAIGHT ABUTMENTS

30 NCM

Dimensions	A: Ø 4.7 mm B: 0.5 mm C: 0.75 mm D: 1.9 mm	A: Ø 4.7 mm B: 1.5 mm C: 2 mm D: 3.2 mm	A: Ø 4.7 mm B: 2.5 mm C: 3 mm D: 4.2 mm	A: 4.7 mm B: 3.5 mm	A: 4.7 mm B: 4.5 mm	A: 4.7 mm B: 5.5 mm
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
Instructions	Use 1.5 mm driver for insertion (see page 27).					

HBC ABUTMENTS

STRAIGHT ABUTMENTS - FOR SINGLE IMPLANT RESTORATION

30 NCM

Dimensions	A: Ø 4.7 mm B: 0.5 mm C: 0.75 mm D: 2.8 mm	A: Ø 4.7 mm B: 1.5 mm C: 2 mm D: 4.1 mm	A: Ø 4.7 mm B: 2.5 mm C: 3 mm D: 5.1 mm		
Code	HBC-H0.75-CS	HBC-H1.5-CS	HBC-H2.5-CS		
Ref. No.	3876	3877	3878		
Instructions	Use 1.25 mm driver for insertion (see page 27).				

Note: package includes HBC abutment screw and burnout sleeve.

CAD/CAM RESTORATION PARTS

DUAL USE SCAN BODIES FOR MULTI-UNITS		10 NCM	ADHESIVE COPINGS FOR MULTI-UNITS	
			ENGAGED	NON-ENGAGED
Height	7 mm	7 mm	3.5 mm	3.5 mm
Code	IOSB-TCT-N-R	IOSB-TCT-N	TAC-TCT-N	TAC-TCT-N-R
Ref. No.	3883	5003	5028 ○	5029 ○
Instructions	For bridge/bar restorations with multi-unit straight and angled abutments	For single crown restorations with multi-unit angled abutments	For single tooth restorations	For bar/bridge restorations
	Screw included			

SCREWS			RETRIEVAL SCREW
SF-N	SFT-N	S-DM-SR	STLA-CS
6092	6093	4994	3510
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	Prosthetic replacement screw
			Fits IH and CS platforms

PRE-MILLED BLANKS			ANALOG
Dimensions	A: Ø15.8 mm B: 20 mm C: 15 mm	A: Ø11.5 mm B: 20 mm	
Code	WBA-PF-CS	BA-PF-CS	Code AN-PM-CS
Ref. No.	3855	3854	Ref. No. 3838
Instructions	For Preface® abutment holder. Screw included		Instructions For resin printed model

CAD/CAM RESTORATION PARTS 3.75, 4.2, 5.0



DUAL USE SCAN BODY

HEIGHT	10 mm	Manual Tightening
CODE	IOSB-CS	
REF. NO.	3837	
INSTRUCTION	Use 1.25 mm driver for insertion (see page 27)	

TI-BASES - ENGAGED

30 NCM

Gingival Height	0.75 mm	1.5 mm	2.5 mm
Dimensions	A: Ø4.7 mm B: 4 mm C: 4.87 mm D: 0.5 mm	A: Ø4.7 mm B: 4 mm C: 5.62 mm D: 0.53 mm	A: Ø4.7 mm B: 4 mm C: 6.62 mm D: 0.5 mm
Code	TB-0.75-AR-CS	TB-1.5-AR-CS	TB-2.5-AR-CS
Ref. No.	3832	3840	3842
Instructions	Screw included.		

TI-BASES - NON ENGAGED

30 NCM

Gingival Height	0.75 mm	1.5 mm	2.5 mm
Dimensions	A: Ø4.7 mm B: 4 mm C: 4.87 mm D: 0.53 mm	A: Ø4.7 mm B: 4 mm C: 5.62 mm D: 0.53 mm	A: Ø4.7 mm B: 4 mm C: 6.62 mm D: 0.53 mm
Code	TB-0.75-R-CS	TB-1.5-R-CS	TB-2.5-R-CS
Ref. No.	3833	3841	3843
Instructions	Screw included.		

SIRONA COMPATIBLE

TI-BASE

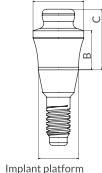
30 NCM

SCAN POST

Code	CSTB-CS-SI	CSSP-CS-SI
Ref. No.	3856	3857
Instructions	For scanning and/or restoration use	
	For scanning only	

OVERDENTURE RESTORATIONS

ALPHALOC ABUTMENT SYSTEM

ALPHALOC				
				
Dimensions	A: Ø 3.1 mm B: 0.75 mm C: 2.4 mm	A: Ø 3.9 mm B: 2 mm C: 3.7 mm	A: Ø 3.9 mm B: 3 mm C: 4.7 mm	A: Ø 3.9 mm B: 4 mm C: 5.7 mm
Code	AK-0.75 - CS	AK-1.5 - CS	AK-2.5 - CS	AK-3.5 - CS
Ref. No.	3710	3711	3712	3713
Instructions	Kit includes: 1 AlphaLoc abutment of the given height, 1 stainless steel metal housing, 4 retentive caps, 1 block-out spacer, 1 laboratory cap. Use 1.25 mm driver for insertion (see page 27)			

ALPHALOC PROCESSING PACKAGE		ALPHALOC RETENTIVE CAPS			
					
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)
		4 units per package			

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
Ref. No.	4882	4883	4884	4885	4886*
					4887*

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

GUIDED SURGERY TOOL KIT (GSTK)

Use the software of your choice with the Alpha-Bio Tec. GSTK

The tray features a modular layout.

The contents are organized to support the entire guided surgery procedure from site preparation to final implantation.

All kit components fit the matching master sleeves.



1

SITE
PREPARATION

2

OSTEOTOMY

3

IMPLANT
PLACEMENT

4

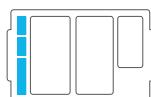
TOOLS &
ACCESSORIES



Note: The ratchet is NOT included in the kit. Image is for illustration purposes only.

GSTK

1



SITE PREPARATION

Contains tissue punches, drills, and pins required to prepare the osteotomy and anchor the surgical guide.

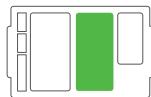
2



OSTEOTOMY

Contains the color-coded drills required for the drilling sequence to perform the guided osteotomy.

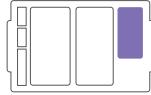
3



IMPLANT PLACEMENT

Contains implant mounts and their associated screws required to place the implant through the guide. The implant mounter is attached to the implant and enables increased accuracy and predictability of implant positioning during placement.

4



TOOLS & ACCESSORIES

Contains a variety of tools and accessories required to perform the surgical procedure without the need of supplementary external tools.

GSTK

Use the software of your choice with the Alpha-Bio Tec. GSTK

THE KIT IS AVAILABLE IN 3 DIFFERENT CONFIGURATIONS:

	Ref., KIT#65000	Full guided surgery kit for Internal Hex (IH) and Conical Narrow Connections (CHC)
	Ref., KIT#65002	Full guided surgery kit for Conical Standard (CS) and Conical Narrow Connections (CHC)
	Ref., KIT#65003	Full guided surgery kit for Internal Hex (IH), Conical Standard (CS) and Conical Narrow Connections (CHC)

* Note: The ratchet is NOT included in the kit.

THE SLEEVES

	MASTER SLEEVE Used for guided drilling and implant insertion	SECURING SLEEVE Used to support lateral pin
	 Ø4.1 MM	 Ø5.5 MM
CODE	SLS	SLL
REF. NO.	66012	66013
QTY.	5	5
INFO.	For Ø 3.2, Ø 3.3, Ø 3.5, Ø 3.7N, Ø 3.75 implants	For Ø 4.2, Ø 4.65, Ø 5.0, and Ø 5.3 implants
		For 1.5 mm drill and lateral pin

NOTE: When using the Ø5.5 mm sleeve, an adaptor should be used in the initial drilling sequence to mitigate 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 in the GSTK box. Sleeves are sold separately in units of 5 per/pkg.

GSTK ORDERING INFORMATION

1 SITE PREPARATION

	TISSUE PUNCH	CRESTAL DRILL	LATERAL PIN	Ø 1.5 MILLING DRILL
	 SMALL	 LARGE	 SMALL	 LARGE
CODE	TPS	TPL	CDS	CDL
REF. NO.	65003	65004	65005	65006
				LP
				MCD1.5
				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.	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
	 SMALL LARGE	 SMALL LARGE			
CODE	IMS	IML	IMSC_CS	IMLC_CS	IMHS
REF. NO.	65037	65038	65064	65065	65039
					65055
					65056

4 TOOLS & ACCESSORIES (Must be removed before implant insertion)

	SCREW-DRIVER	HEX DRIVER	IMPLANT MOUNT EXTENSION	HANDPiece INSERTION ADAPTOR	IMPLANT MOUNT EXTRACTOR	UNIVERSAL SQUARE RATCHET HEAD ADAPTOR	L/SLEEVE ADAPTOR DRIVER	SLEEVE ADAPTOR	CRESTAL PIN	IMPLANT MOUNT	IMPLANT MOUNT CHC DRIVER
	 SHORT	 ONE SIZE				Enables use of 4 mm square driver heads  	Used for adapting the small diameter drills to the large sleeve (SLL)  	 SMALL	 LARGE	 SMALL	 LARGE

PRODUCTS LIST & REF. NO.

Ref. No.	CODE	PRODUCT DESCRIPTION	PAGE NO.
109	HS3	Healing Abutmen L3.0MM	45
110	HS5	Healing Abutmen L5.0MM	45
112	HSS3	Slim Healing Abutment L3.0mm	44
113	HSS5	Slim Healing Abutment L5.0mm	44
114	HSS4	Slim Healing Abutment L4.0mm	44
116	HS2	Healing Abutment L2.0mm	45
117	HS4	Healing Abutment L4.0mm	45
118	HS6	Healing Abutment L6.0mm	45
119	HS7	Healing Abutment L7.0mm	45
124	HS5-3	Healing Abutment D5.0 H3.0mm	45
125	HS5-5	Healing Abutment D5.0 H5.0mm	45
126	HS5.5-3	Healing Abutment D5.5 L3.0mm	45
127	HS5.5-5	Healing Abutment D5.5 H5.0mm	45
128	HS6-3	Healing Abutment D6.0 H3.0mm	45
129	HS6-5	Healing Abutment D6.0 H5.0mm	45
130	HS7-3	Healing Abutment D7.0 H3.0mm	45
1000	ICE	Implant Classical Esthetic Narrow D3.7mm L10mm	34
1001	ICE	Implant Classical Esthetic Narrow D3.7mm L11.5mm	34
1003	ICE	Implant Classical Esthetic Narrow D3.7mm L13mm	34
1010	ICE	Implant Classical Esthetic D3.75mm L10mm	34
1011	ICE	Implant Classical Esthetic D3.75mm L11.5mm	34
1013	ICE	Implant Classical Esthetic D3.75mm L13mm	34
1016	ICE	Implant Classical Esthetic D3.75mm L16mm	34
1018	ICE	Implant Classical Esthetic D3.75mm L8mm	34
1020	ICE	Implant Classical Esthetic D4.2mm L10mm	34
1021	ICE	Implant Classical Esthetic D4.2mm L11.5mm	34
1023	ICE	Implant Classical Esthetic D4.2mm L13mm	34
1026	ICE	Implant Classical Esthetic D4.2mm L16mm	34
1028	ICE	Implant Classical Esthetic D4.2mm L8mm	34
1030	ICE	Implant Classical Esthetic D4.65mm L10.0mm	34
1031	ICE	Implant Classical Esthetic D4.65mm L11.5mm	34
1033	ICE	Implant Classical Esthetic D4.65mm L13.0mm	34
1036	ICE	Implant Classical Esthetic D4.65mm L6.0mm	34
1038	ICE	Implant Classical Esthetic D4.65mm L8.0mm	34
1040	ICE	Implant Classical Esthetic D5.3mm L10mm	34
1041	ICE	Implant Classical Esthetic D5.3mm L11.5mm	34
1043	ICE	Implant Classical Esthetic D5.3mm L13mm	34
1046	ICE	Implant Classical Esthetic D5.3mm L6mm	34
1048	ICE	Implant Classical Esthetic D5.3mm L8mm	34
1056	ICE	Implant Classical Esthetic D4.2mm L6mm	34
1060	NICE	NICE D3.2mm L10mm	66
1061	NICE	NICE D3.2mm L11.5mm	66
1063	NICE	NICE D3.2mm L13mm	66
1066	NICE	NICE D3.2mm L16mm	66
1068	NICE	NICE D3.2mm L8mm	66

Ref. No.	CODE	PRODUCT DESCRIPTION	PAGE NO.
1260	DFI	Dual Fit Implant D3.75mm L10.0mm	42
1261	DFI	Dual Fit Implant D3.75mm L11.5mm	42
1263	DFI	Dual Fit Implant D3.75mm L13.0mm	42
1266	DFI	Dual Fit Implant D3.75mm L16.0mm	42
1268	DFI	Dual Fit Implant D3.75mm L8.0mm	42
1270	DFI	Dual Fit Implant D4.2mm L10.0mm	42
1271	DFI	Dual Fit Implant D4.2mm L11.5mm	42
1273	DFI	Dual Fit Implant D4.2mm L13.0mm	42
1276	DFI	Dual Fit Implant D4.2mm L16.0mm	42
1278	DFI	Dual Fit Implant D4.2mm L8.0mm	42
1280	DFI	Dual Fit Implant D3.3mm L10.0mm	42
1281	DFI	Dual Fit Implant D3.3mm L11.5mm	42
1283	DFI	Dual Fit Implant D3.3mm L13.0mm	42
1286	DFI	Dual Fit Implant D3.3mm L16.0mm	42
1288	DFI	Dual Fit Implant D3.3mm L8.0mm	42
1290	DFI	Dual Fit Implant D5.0mm L10.0mm	42
1291	DFI	Dual Fit Implant D5.0mm L11.5mm	42
1293	DFI	Dual Fit Implant D5.0mm L13.0mm	42
1296	DFI	Dual Fit Implant D5.0mm L16.0mm	42
1298	DFI	Dual Fit Implant D5.0mm L8.0mm	42
1300	Spiral	Spiral Implant D3.3mm L10.0mm	38
1301	Spiral	Spiral Implant D3.3mm L11.5mm	38
1303	Spiral	Spiral Implant D3.3mm L13.0mm	38
1306	Spiral	Spiral Implant D3.3mm L16.0mm	38
1308	Spiral	Spiral Implant D3.3mm L8.0mm	38
1330	Spiral	Spiral Implant D4.2mm L10.0mm	38
1331	Spiral	Spiral Implant D4.2mm L11.5mm	38
1333	Spiral	Spiral Implant D4.2mm L13.0mm	38
1336	Spiral	Spiral Implant D4.2mm L16.0mm	38
1338	Spiral	Spiral Implant D4.2mm L8.0mm	38
1340	Spiral	Spiral Implant D5.0mm L10.0mm	38
1341	Spiral	Spiral Implant D5.0mm L11.5mm	38
1343	Spiral	Spiral Implant D5.0mm L13.0mm	38
1346	Spiral	Spiral Implant D5.0mm L16.0mm	38
1348	Spiral	Spiral Implant D5.0mm L8.0mm	38
1350	Spiral	Spiral Implant D3.75mm L10.0mm	38
1351	Spiral	Spiral Implant D3.75mm L11.5mm	38
1353	Spiral	Spiral Implant D3.75mm L13.0mm	38
1356	Spiral	Spiral Implant D3.75mm L16.0mm	38
1358	Spiral	Spiral Implant D3.75mm L8.0mm	38
1360	Spiral	Spiral Implant D6.0mm L10.0mm	38
1361	Spiral	Spiral Implant D6.0mm L11.5mm	38
1363	Spiral	Spiral Implant D6.0mm L13.0mm	38
1368	Spiral	Spiral Implant D6.0mm L8.0mm	38
1900	MULTINEO	MULTINEO C D3.2mm L10.0mm	62

Ref. No.	CODE	PRODUCT DESCRIPTION	PAGE NO.
1901	MULTINEO	MULTINEO C D3.2mm L11.5mm	62
1903	MULTINEO	MULTINEO C D3.2mm L13.0mm	62
1906	MULTINEO	MULTINEO C D3.2mm L16.0mm	62
1908	MULTINEO	MULTINEO C D3.2mm L8.0mm	62
1920	MULTINEO	MULTINEO C D3.5mm L10.0mm	62
1921	MULTINEO	MULTINEO C D3.5mm L11.5mm	62
1923	MULTINEO	MULTINEO C D3.5mm L13.0mm	62
1926	MULTINEO	MULTINEO C D3.5mm L16.0mm	62
1928	MULTINEO	MULTINEO C D3.5mm L8.0mm	62
1930	MULTINEO	MULTINEO CS D3.75mm L10.0mm	82
1931	MULTINEO	MULTINEO CS D3.75mm L11.5mm	82
1933	MULTINEO	MULTINEO CS D3.75mm L13.0mm	82
1936	MULTINEO	MULTINEO CS D3.75mm L16.0mm	82
1938	MULTINEO	MULTINEO CS D3.75mm L8.0mm	82
1940	MULTINEO	MULTINEO CS D4.2mm L10.0mm	82
1941	MULTINEO	MULTINEO CS D4.2mm L11.5mm	82
1943	MULTINEO	MULTINEO CS D4.2mm L13.0mm	82
1946	MULTINEO	MULTINEO CS D4.2mm L16.0mm	82
1948	MULTINEO	MULTINEO CS D4.2mm L8.0mm	82
1950	MULTINEO	MULTINEO CS D5.0mm L10.0mm	82
1951	MULTINEO	MULTINEO CS D5.0mm L11.5mm	82
1953	MULTINEO	MULTINEO CS D5.0mm L13.0mm	82
1958	MULTINEO	MULTINEO CS D5.0mm L8.0mm	82
1960	MULTINEO	MULTINEO H D3.75mm L10.0mm	30
1961	MULTINEO	MULTINEO H D3.75mm L11.5mm	30
1963	MULTINEO	MULTINEO H D3.75mm L13.0mm	30
1966	MULTINEO	MULTINEO H D3.75mm L16.0mm	30
1968	MULTINEO	MULTINEO H D3.75mm L8.0mm	30
1970	MULTINEO	MULTINEO H D4.2mm L10.0mm	30
1971	MULTINEO	MULTINEO H D4.2mm L11.5mm	30
1973	MULTINEO	MULTINEO H D4.2mm L13.0mm	30
1976	MULTINEO	MULTINEO H D4.2mm L16.0mm	30
1978	MULTINEO	MULTINEO H D4.2mm L8.0mm	30
1980	MULTINEO	MULTINEO H D5.0mm L10.0mm	30
1981	MULTINEO	MULTINEO H D5.0mm L11.5mm	30
1983	MULTINEO	MULTINEO H D5.0mm L13.0mm	30
1988	MULTINEO	MULTINEO H D5.0mm L8.0mm	30
3401	HA-D-4-CH-1.5-CS	Healing Abutment D4 L1.5 CS	86
3402	HA-D-4-CH-2.5-CS	Healing Abutment D4 L2.5 CS	86
3403	HA-D-4-CH-3.5-CS	Healing Abutment D4 L3.5 CS	86
3404	HA-D-4-CH-4.5-CS	Healing Abutment D4 L4.5 CS	86
3405	HA-D-4-CH-5.5-CS	Healing Abutment D4 L5.5 CS	86
3407	HA-D-4.9-CH-1.5-CS	Healing Abutment D4.9 L1.5 CS	86
3408	HA-D-4.9-CH-2.5-CS	Healing Abutment D4.9 L2.5 CS	86
3409	HA-D-4.9-CH-3.5-CS	Healing Abutment D4.9 L3.5 CS	86

Ref. No.	CODE	PRODUCT DESCRIPTION	Nº DE PAGE
3410	HA-D-4.9-CH-4.5-CS	Healing Abutment D4.9 L4.5 CS	86
3411	HA-D-4-CH-5.5-CS	Healing Abutment D4.9 L5.5 CS	86
3412	HA-D-6.2-CH-1.5-CS	Healing Abutment D6.2 L1.5 CS	87
3413	HA-D-6.2-CH-2.5-CS	Healing Abutment D6.2 L2.5 CS	87
3450	SCTT-CS	Short Closed Tray Transfer	87
3451	LCTT-CS	Long Closed Tray Transfer	87
3455	SOTT-CS	Short Open Tray Transfer	87
3456	LOTT-CS	Long Open Tray Transfer	87
3459	IA-CS	Implants Analog CS	87
3462	CC S-CS	CrCo Casting Screw CS	88
3501	TLA-H-1.5-CS	Straight Titanium Abutments H1.5mm CS	88
3502	TLA-H-2.5-CS	Straight Titanium Abutments H2.5mm CS	88
3503	TLA-H-3.5-CS	Straight Titanium Abutments H3.5mm CS	88
3504	TLA-H-4.5-CS	Straight Titanium Abutments H4.5mm CS	88
3511	TLA-15-H-1.5-CS	Angled Abutment 15° CH1.5 CS	88
3512	TLA-15-H-2.5-CS	Angled Abutment 15° CH2.5 CS	88
3514	TLA-25-H-1.5-CS	Angled Abutment 25° CH1.5 CS	88
3515	TLA-25-H-2.5-CS	Angled Abutment 25° CH2.5 CS	88
3532	TA-AR-CS	Temporary Titanium Abutments AR	88
3533	TA-R-CS	Temporary Titanium Abutments R	88
3613	TLABCC-CHC	Chrome Cobalt Casting Abutment - CHC	72
3614	TLABCC-R-CHC	Chrome Cobalt Casting Abutment Rotational - CHC	72
3616	CCS-CHC	CrCo Casting screw -CHC	72
3710	AA-0.75-CS	AlphaLoC Kit H 0.75 mm CS	93
3711	AA-1.5-CS	AlphaLoC Kit H 1.5 mm CS	93
3712	AA-2.5-CS	AlphaLoC Kit H 2.5 mm CS	93
3713	AA-3.5-CS	AlphaLoC Kit H 3.5 mm CS	93
3801	ITD2.5 S CS	Implant Grip Driver Short	24
3803	ITD-2.5 L-CS	Implant Grip Driver Long	24
3804	IT-2.5-SM-CS	Motor Mount Driver Short 2.5mm CS	24
3805	IT-2.5-LM-CS	Motor Mount Driver Long 2.5mm CS	24
3806	MITD-2.5-CS	Manual Implant Driver 2.5mm CS	24
3832	TB-0.75-AR-CS	CAD/CAM Straight Ti-Base for restoration on CS implants	92
3833	TB-0.75-R-CS	CAD/CAM Straight Ti-Base for restoration on CS implants	92
3837	IOSB-CS	CAD/CAM Dual-use Scan Body for restoration on CS implants	92
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7487	AU 30-1.5 CHC	Multi Unit Angled abutment 30° 1.5mm for restoration on CHC implants	74, 75
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65012	CD2.8-8	Surgical Drill D2.8mm - L8mm	97
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