

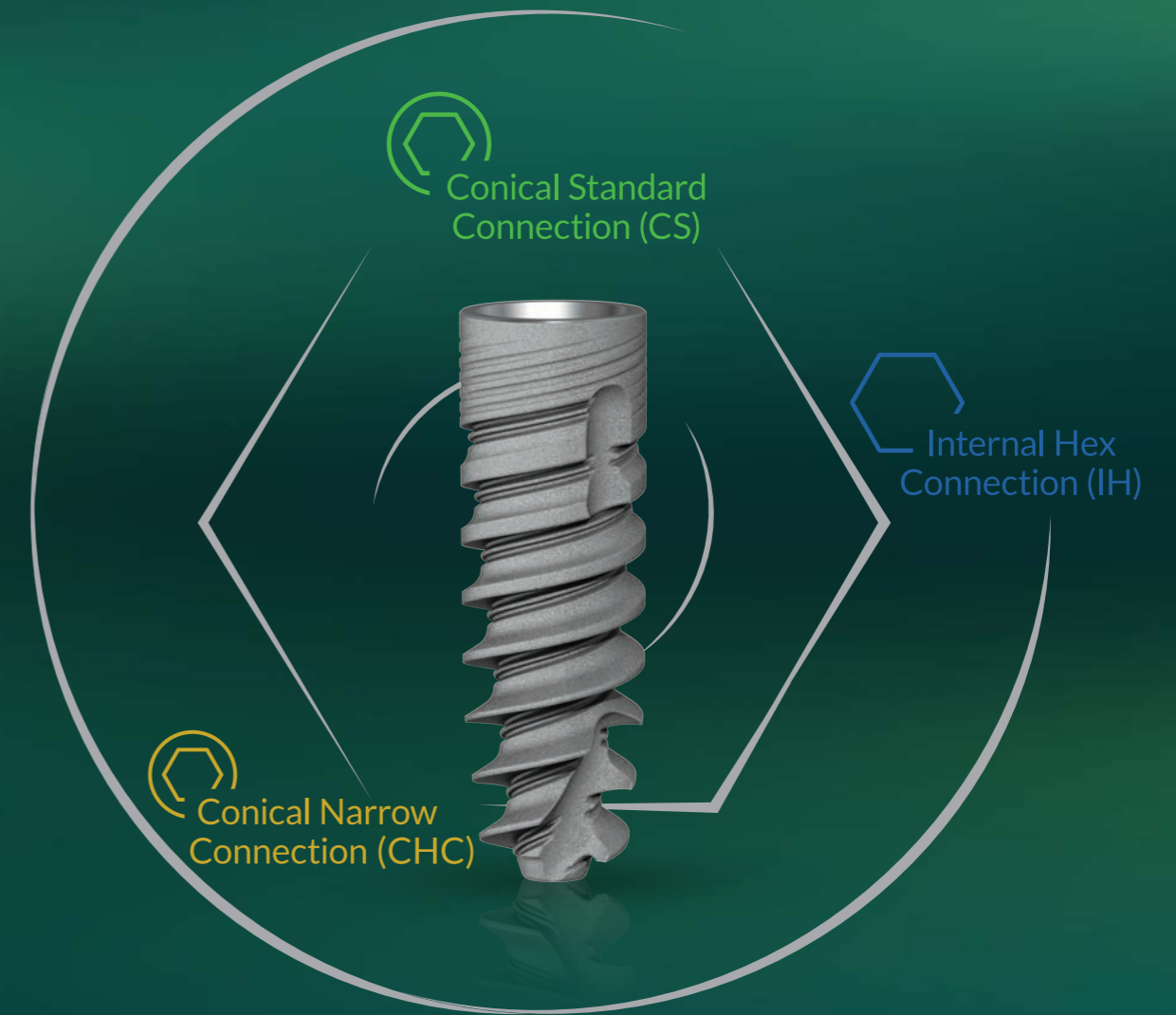


neo

THE NEXT SENSATION

by Alpha-Bio Tec





ONE **neO**

## MULTIPLE OPTIONS

**Alpha-Bio Tec is proud to present the next sensation of dental solutions - the NeO implant system.**

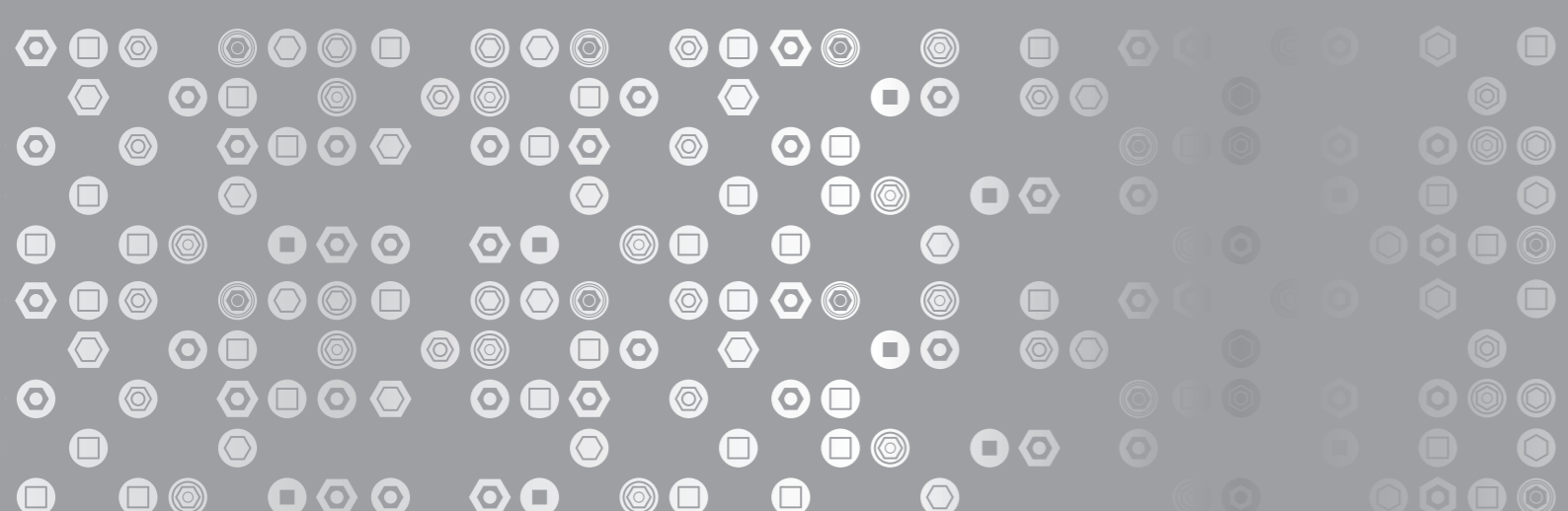
NeO is the next generation of the Alpha-Bio Tec's original spiral implant. It is based on three decades of proven clinical know-how and rooted in the company's values of high-quality, innovation, best value for money and simplicity.

NeO is a comprehensive, cutting-edge implant that easily penetrates and navigates the osteotomy of all bone types while preserving the bone. It simplifies even the most complicated clinical cases reliability and long-term esthetic results.

The complete NeO system includes three connections: Conical Standard connection (CS), Conical Narrow connection (CHC) and Internal Hex connection (IH), providing dental professionals with a variety of options to choose from.

The NeO Conical Standard connection (CS) features a dedicated restoration line with a unique design. All parts correspond with each other in complete harmony, enabling improved functionality, esthetics and a perfect biological fit.

**Experience NeO to fully understand how brilliant it is!**



# Design Features and Benefits

Years of experience in product development and state-of-the-art technology enables Alpha-Bio Tec to deliver high-quality implants with unique design features that achieve the following clinical advantages:

## ONE IMPLANT MULTIPLE OPTIONS



**Conical Narrow Connection (CHC)**  
Ø 3.2, Ø 3.5



**Conical Standard Connection (CS)**  
Ø 3.75, Ø 4.2, Ø 5.0

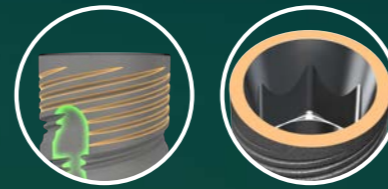
*New Launch!*



**Internal Hex Connection (IH)**  
Ø 3.75, Ø 4.2, Ø 5.0



## CORONAL AREA



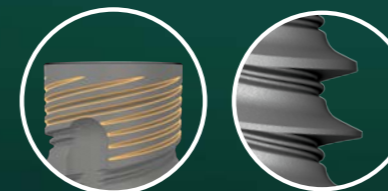
### Design Features

- Platform switching
- Micro threads
- Cutting flutes
- IH and conical connections (CS & CHC)

### Clinical Advantages / Benefits

- Reduced pressure on cortical part
- Gentle, delicate cutting
- Improved bone preservation
- High initial stability
- Long-term and stable esthetic results

## THREADS



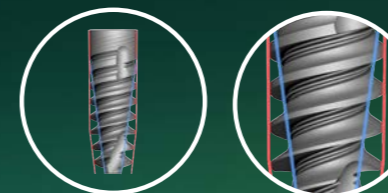
### Design Features

- Unique thread shape
- Double threads with 2.4 mm step
- Two micro threads
- Variable thread design

### Clinical Advantages / Benefits

- High cutting efficiency
- Optimal bone condensing
- Fast insertion
- Excellent bone grip
- Greater surface area (BIC), increasing profile surface by 20%

## BODY AND CORE



### Design Features

- Implant outer line:
- Straight coronal part
  - Slightly tapered body
  - Tapered apical part
  - Tapered core

### Clinical Advantages / Benefits

- Optimal bone condensing
- High primary stability
- Reduced pressure along implant's body

## APICAL AREA



### Design Features

- Narrow apex
- Sharp and deep threads
- Condensing flutes
- Centering feature and gripping tips

### Clinical Advantages / Benefits

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

**PATENTED**

# Scientific Data

Special attention has been taken in evaluating all sections of the implant: coronal, body and apical, to ensure consistent & outstanding clinical results for the implant profile.

## Histological Studies

### 94% Bone to Implant Contact is Obtained

Histologic evaluation showed significant osseointegration with healthy young woven bone, 1 month after implantation.

The average BIC value was 87.24%, while the maximum value was 94%.

The perfectly demonstrated osseointegration is the result of the unique design of the NeO implant profile and the high surface purity.



#### Coronal Area

(Magnification x 10)

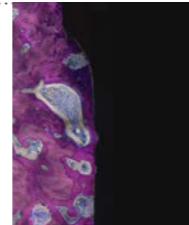
Overgrowth of the bone above the implant shoulder (white circle).



#### Coronal Flute Area

(Magnification x 10)

Woven bone is detected at the coronal flute area showing osseointegration, demonstrating an attractive implant surface which encourages good growth during wound healing of the prepared osteotomies.

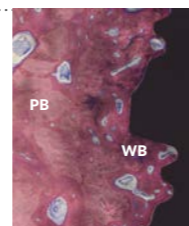


#### Implant Micro and Macro Threads

(Magnification x 100)

There is an optimal adhering between the new bone and the implant surface, creating a close adaptation to the macro and micro-design of NeO implant body. Furthermore, this adaptation is possible due to the clean surface of the implant.

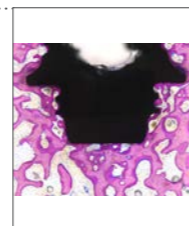
**Micro threads increase the implant contact surface by 20%.**



#### Apical Area

(Magnification x 100)

A tapered narrow apical section with deep and sharp threads enables ideal retention in soft and spongy bone.



★ Implant cervical micro threads

**WB:** Zone of young woven bone filling the micro-gap between implant and osteotomy

**PB:** Pristine bone

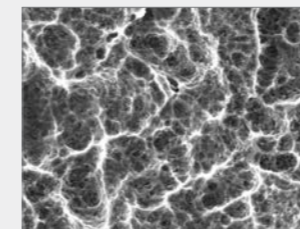
## NeO's Surface NANOTECH™

**NanoTec™** is a hybrid implant surface formed through a complex process that involves large particles (20-40 microns) sandblasting and a double thermal etching to create micro & nano pores (sized 1-5 microns). This unique process produces a high surface area differentiation, increases the three-dimensional (3D) surface area and thereby, enables a more intense absorption of blood and plasma proteins directly into the implant's micropores, immediately after the implant is placed. State-of-the-art surface treatment technologies at the Alpha-Bio Tec manufacturing facility ensure unified surface treatment application and precision.

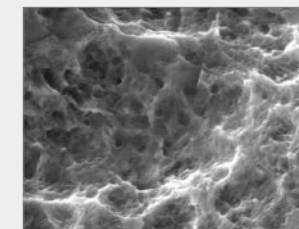
### NanoTec™ implant surface process advantages:

- Increased early BIC (Bone to Implant Contact)
- High and long-term BIC
- Accelerated and improved osseointegration process
- Increased secondary stability
- Shortened healing period
- High success rate

### SEM of NeO implant surface



Surface morphology of the implant  
(Magnification by 3000)



Surface morphology of the implant  
(Magnification by 12000)

## NeO's Clinical Indications

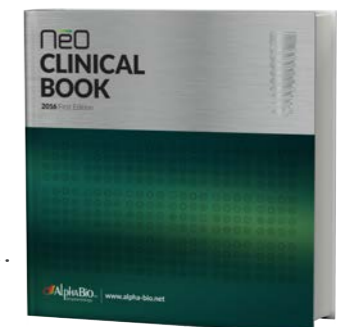
Clinical studies have shown the advantages of using NeO in the majority of clinical procedures, especially in complicated clinical cases such as:

- Extreme bone defects
- Full and partial immediate implantation and immediate loading
- Implantation and simultaneous guided bone regeneration and/or splitting crest technique
- Extreme narrow alveolar ridges (< 4mm)
- Closed and open sinus lift procedures

NeO's scientific overview, pre-clinical study, implant surface purity and performance - treatment concepts and indications - are all presented in NeO's comprehensive Clinical Book.

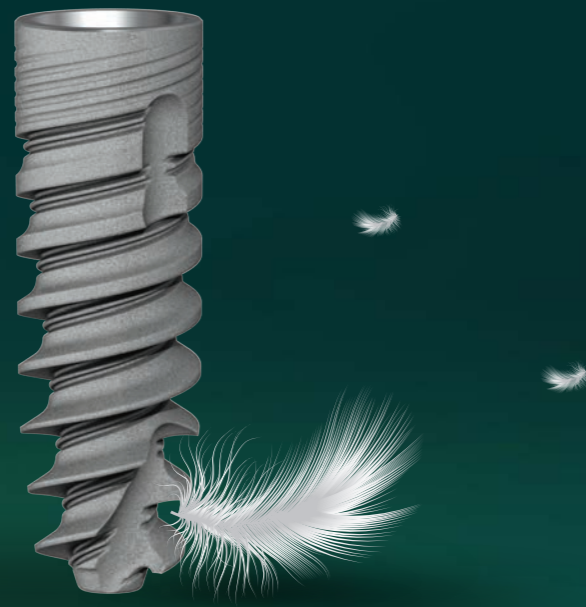


Scan to View Clinical Book



# Balanced to Perfection

With innovative stress reduction elements designed together with primary stability enhancers, NeO is truly balanced to perfection. Powerful, yet remarkably gentle to all bone types.



## Gentle to the Bone

The **platform switching** has proved to preserve the cortical bone around the implant neck by physically repositioning the implant-abutment connection away from the bone level.

The coronal **micro threads** decrease the load transfer to the crestal cortical bone, resulting in significant bone preservation.

The concave geometry of the coronal **cutting flute** minimizes the pressure applied on the cortical bone.

The implant's advanced **threads' shapes** with sharp "attack angle" contributes to fast and smooth insertion, and minimizes lateral stress after insertion.

**Body micro threads'** geometry disperses the forces applied on the bone, thereby decreasing the bone pressure.



## High Primary Stability

The **straight design of the coronal part of NeO** produces greater contact surface between the bone and the implant coronal part, thereby providing better initial stability.

The osteotome - like **tapered core** of the implant combined with the slightly tapered implant **body** generate optimal bone condensing ability.

The **large pitch and variable threads** create optimal bone condensation, while the two body micro-threads increase BIC.

The narrow tapered **apical part** of the implant penetrates easily into small diameter osteotomy. Its sharp and deep threads, together with the **gripping tips**, were developed to produce firm primary engagement as well as an increased primary stability.

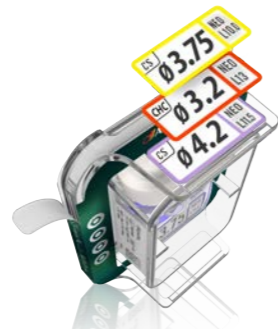
# Advanced System

The NeO system includes narrow & standard implant lines with a choice of implant-abutment connection platforms. It comes in a mountless package and with advanced grip drivers.



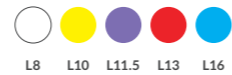
## Implant Package

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



**PATENT PENDING**

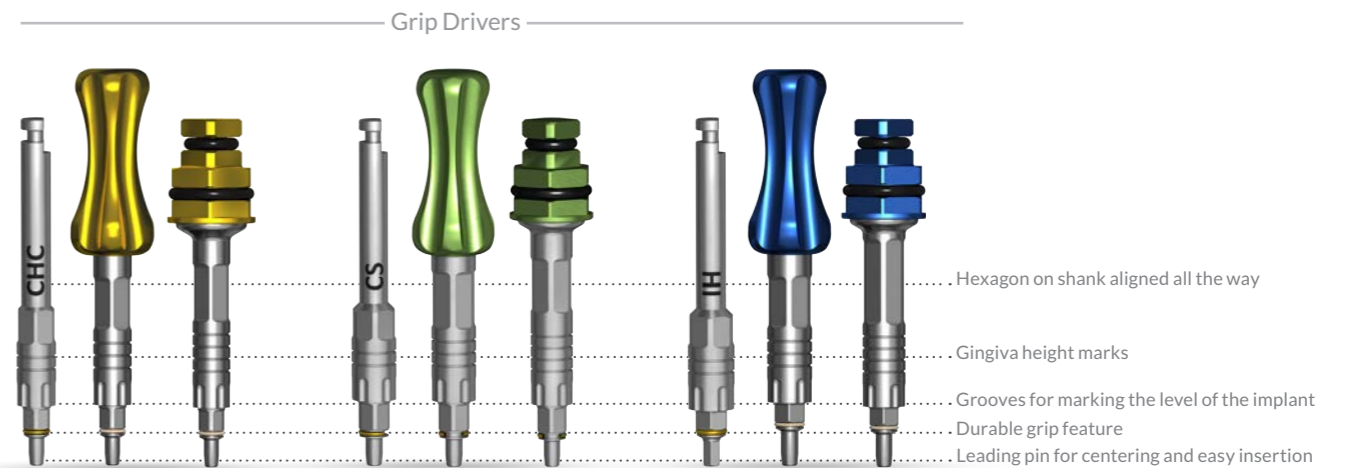
## Stack Several Packages Together

The unique design enables the stacking of several packages together for maximum storage space efficiency.

## Implant Grip Drivers

New, advanced and modern grip drivers for maximum confidence. Each set of drivers is compatible with the appropriate platform: Conical Narrow (CHC), Conical Standard (CS) and Internal Hex (IH), differentiated by the following color coding: **Gold=CHC** **Green=CS** **Blue=IH**

The grip feature in the new design allows direct and secure implant pick-up from package to site. Drivers are available in three different forms and in various lengths for physician's best practice.



1

Tear the cardboard.

2

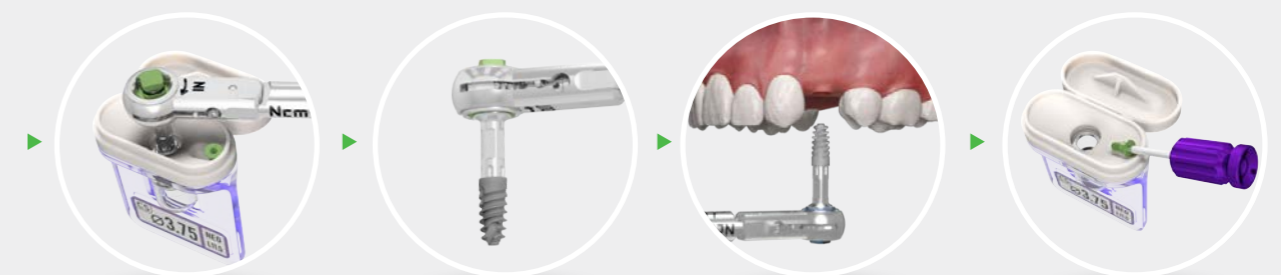
Pull the Tyvek®.

3

Remove the inner holder.

4

Open the cap - easy one-hand operation.



5

Insert the preferred driver in a continuous clock wise turn until hex is found. (Wrench is for illustration only)

6

Implant is now connected to the driver and can be removed. Verify there is no gap between the driver and the implant.

7

Implant can be inserted directly to site.

8

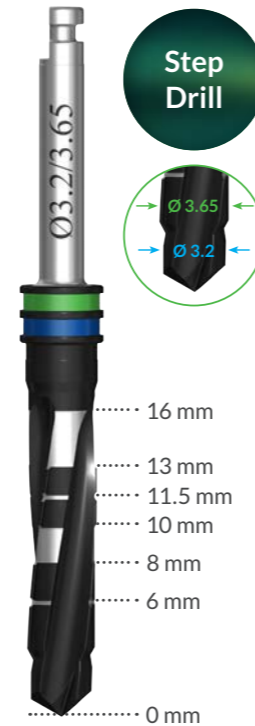
Remove cover screw using an appropriate prosthetic driver.

# Drill Protocol

Two Ways, One Result

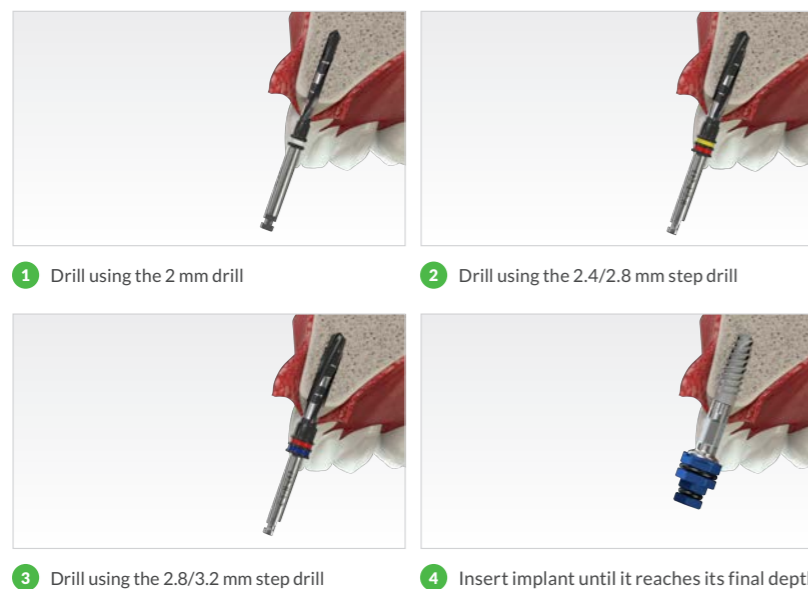
## Step Drilling Sequence

Ø Diameter	Soft bone Type IV	Medium bone Type II&III	Hard bone Type I
Ø 3.2	2.0	2.0 2.4/2.8	2.0 2.4/2.8 2.8/3.0
Ø 3.5	2.0 2.0/2.4	2.0 2.4/2.8 2.8/3.0	2.0 2.4/2.8 2.8/3.2
Ø 3.75	2.0 2.4/2.8	2.0 2.4/2.8 2.8/3.2	2.0 2.4/2.8 2.8/3.2 3.2/3.65 Cortical
Ø 4.2	2.0 2.4/2.8 2.8/3.2	2.0 2.4/2.8 3.2/3.65	2.0 2.4/2.8 3.2/3.65 3.65/4.1 Cortical
Ø 5.0	2.0 2.4/2.8 3.2/3.65	2.0 2.4/2.8 3.2/3.65 3.65/4.1	2.0 2.4/2.8 3.2/3.65 3.65/4.1 4.1/4.5 4.5/4.8 Cortical



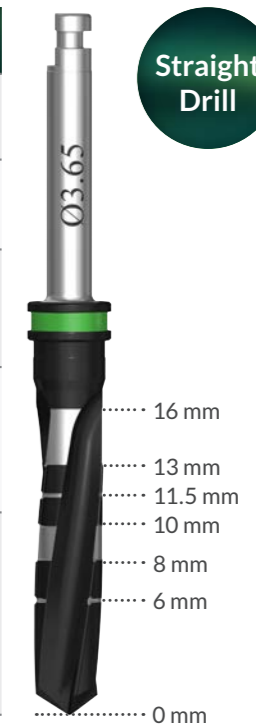
Cortical – Drill through cortical plate with the larger diameter

Demonstration of NeO recommended drill protocol with Ø 3.75/13 mm implant using step drills, bone type II/III



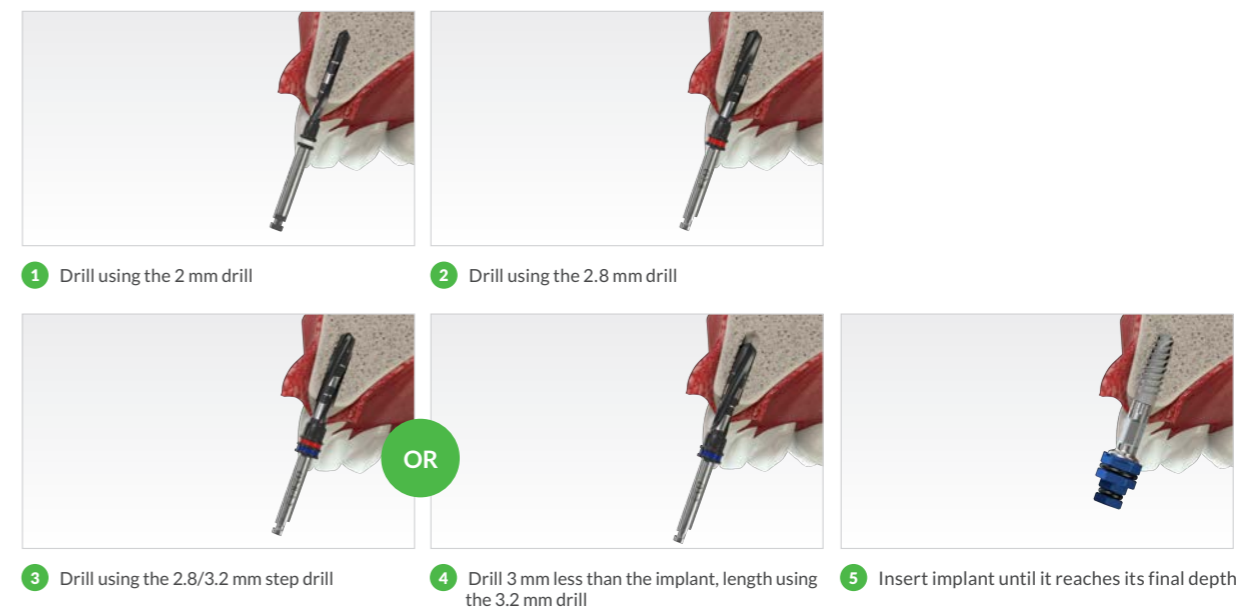
## Straight Drilling Sequence

Ø Diameter	Soft bone Type IV	Medium bone Type II&III	Hard bone Type I
Ø 3.2	2.0	2.0 2.4/2.8	2.0 2.8 2.8/3.0
Ø 3.5	2.0 2.0/2.4	2.0 2.8 2.8/3.0	2.0 2.8 2.8/3.2
Ø 3.75	2.0 2.4/2.8	2.0 2.8 2.8/3.2	2.0 2.8 2.8/3.2 3.65 Cortical
Ø 4.2	2.0 2.8 2.8/3.2	2.0 2.8 3.2 3.2/3.65	2.0 2.8 3.2 3.2/3.65 4.1 Cortical
Ø 5.0	2.0 2.8 3.2 3.2/3.65	2.0 2.8 3.2 3.65 3.65/4.1	2.0 2.8 3.2 3.65 4.1 4.1/4.5 4.8 Cortical



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

Demonstration of NeO recommended drill protocol with Ø 3.75/13 mm implant using straight drills, bone type II/III



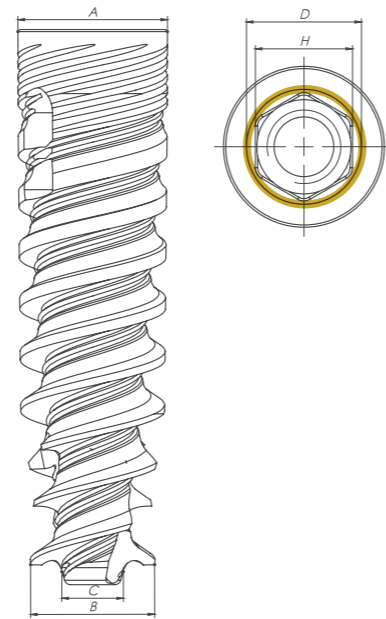
# Ordering Information

Experience NeO to fully understand how brilliant it is.

## Conical Narrow Connection (CHC)

The conical narrow connection system includes  $\varnothing$  3.2 and  $\varnothing$  3.5 mm implant diameters with conical narrow connection for narrow space procedures, compatible with Alpha-Bio's CHC prosthetic line and CAD/CAM restoration parts.

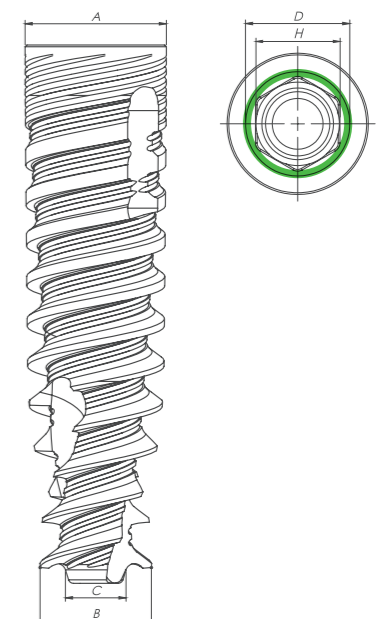
Diameter	Length	Ref. No.	Dimensions				
			A	B	C	D	H
$\varnothing$ 3.2	8 mm	1108	$\varnothing$ 3.2	$\varnothing$ 2.9	$\varnothing$ 1.5	$\varnothing$ 2.5	2.1
	10 mm	1100	$\varnothing$ 3.2	$\varnothing$ 2.9	$\varnothing$ 1.5	$\varnothing$ 2.5	2.1
	11.5 mm	1101	$\varnothing$ 3.2	$\varnothing$ 2.9	$\varnothing$ 1.5	$\varnothing$ 2.5	2.1
	13 mm	1103	$\varnothing$ 3.2	$\varnothing$ 2.9	$\varnothing$ 1.5	$\varnothing$ 2.5	2.1
	16 mm	1106	$\varnothing$ 3.2	$\varnothing$ 2.9	$\varnothing$ 1.5	$\varnothing$ 2.5	2.1
$\varnothing$ 3.5	8 mm	1128	$\varnothing$ 3.5	$\varnothing$ 2.9	$\varnothing$ 1.5	$\varnothing$ 2.5	2.1
	10 mm	1120	$\varnothing$ 3.5	$\varnothing$ 2.9	$\varnothing$ 1.5	$\varnothing$ 2.5	2.1
	11.5 mm	1121	$\varnothing$ 3.5	$\varnothing$ 2.9	$\varnothing$ 1.5	$\varnothing$ 2.5	2.1
	13 mm	1123	$\varnothing$ 3.5	$\varnothing$ 2.9	$\varnothing$ 1.5	$\varnothing$ 2.5	2.1
	16 mm	1126	$\varnothing$ 3.5	$\varnothing$ 2.9	$\varnothing$ 1.5	$\varnothing$ 2.5	2.1



## Conical Standard Connection (CS)

The conical standard connection includes  $\varnothing$  3.75,  $\varnothing$  4.2 and  $\varnothing$  5.0 mm implant diameters. The implants are compatible with the new CS prosthetic line and the CAD/CAM restoration parts (see pages 18-23).

Diameter	Length	Ref. No.	Dimensions				
			A	B	C	D	H
$\varnothing$ 3.75	8 mm	1138	$\varnothing$ 3.75	$\varnothing$ 3.1	$\varnothing$ 1.8	$\varnothing$ 3.1	2.5
	10 mm	1130	$\varnothing$ 3.75	$\varnothing$ 2.9	$\varnothing$ 1.5	$\varnothing$ 3.1	2.5
	11.5 mm	1131	$\varnothing$ 3.75	$\varnothing$ 2.9	$\varnothing$ 1.5	$\varnothing$ 3.1	2.5
	13 mm	1133	$\varnothing$ 3.75	$\varnothing$ 2.9	$\varnothing$ 1.5	$\varnothing$ 3.1	2.5
	16 mm	1136	$\varnothing$ 3.75	$\varnothing$ 2.9	$\varnothing$ 1.5	$\varnothing$ 3.1	2.5
$\varnothing$ 4.2	8 mm	1148	$\varnothing$ 4.2	$\varnothing$ 3.55	$\varnothing$ 1.8	$\varnothing$ 3.1	2.5
	10 mm	1140	$\varnothing$ 4.2	$\varnothing$ 3.3	$\varnothing$ 1.8	$\varnothing$ 3.1	2.5
	11.5 mm	1141	$\varnothing$ 4.2	$\varnothing$ 3.3	$\varnothing$ 1.8	$\varnothing$ 3.1	2.5
	13 mm	1143	$\varnothing$ 4.2	$\varnothing$ 3.3	$\varnothing$ 1.8	$\varnothing$ 3.1	2.5
	16 mm	1146	$\varnothing$ 4.2	$\varnothing$ 3.3	$\varnothing$ 1.8	$\varnothing$ 3.1	2.5
$\varnothing$ 5.0	8 mm	1158	$\varnothing$ 5.0	$\varnothing$ 4.4	$\varnothing$ 2.6	$\varnothing$ 3.1	2.5
	10 mm	1150	$\varnothing$ 5.0	$\varnothing$ 4.1	$\varnothing$ 2.3	$\varnothing$ 3.1	2.5
	11.5 mm	1151	$\varnothing$ 5.0	$\varnothing$ 4.1	$\varnothing$ 2.3	$\varnothing$ 3.1	2.5
	13 mm	1153	$\varnothing$ 5.0	$\varnothing$ 4.1	$\varnothing$ 2.3	$\varnothing$ 3.1	2.5



Manual	Motor Mount	Wrench
<p>MITD 2.1 CHC 4147</p>	<p>IT 2.1 LM CHC 7303</p> <p>IT 2.1 SM CHC 7304</p>	<p>ITD 2.1 L CHC 7301</p> <p>ITD 2.1 CHC 7305</p> <p>ITD 2.1 S CHC 7302</p>

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



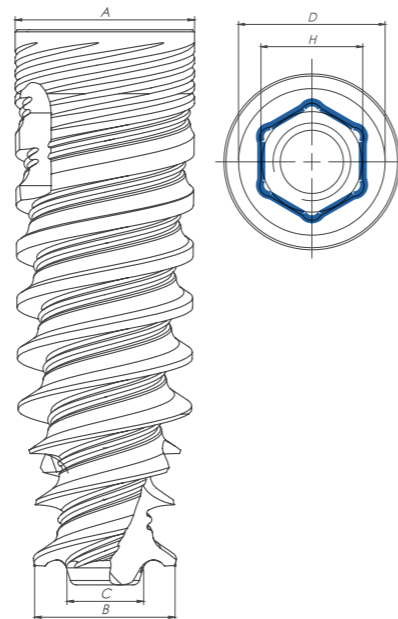
# Ordering Information

Experience NeO to fully understand how brilliant it is.

## Internal Hex Connection (IH)

The internal hex connection includes  $\varnothing 3.75$ ,  $\varnothing 4.2$  and  $\varnothing 5.0$  implant diameters, compatible with Alpha-Bio's IH prosthetic line and CAD/CAM restoration parts.

Diameter	Length	Ref. No.	Dimensions				
			A	B	C	D	H
$\varnothing 3.75$	8 mm	1168	$\varnothing 3.75$	$\varnothing 3.1$	$\varnothing 1.8$	$\varnothing 3.5$	2.5
	10 mm	1160	$\varnothing 3.75$	$\varnothing 2.9$	$\varnothing 1.5$	$\varnothing 3.5$	2.5
	11.5 mm	1161	$\varnothing 3.75$	$\varnothing 2.9$	$\varnothing 1.5$	$\varnothing 3.5$	2.5
	13 mm	1163	$\varnothing 3.75$	$\varnothing 2.9$	$\varnothing 1.5$	$\varnothing 3.5$	2.5
$\varnothing 4.2$	8 mm	1178	$\varnothing 4.2$	$\varnothing 3.55$	$\varnothing 1.8$	$\varnothing 3.5$	2.5
	10 mm	1170	$\varnothing 4.2$	$\varnothing 3.3$	$\varnothing 1.8$	$\varnothing 3.5$	2.5
	11.5 mm	1171	$\varnothing 4.2$	$\varnothing 3.3$	$\varnothing 1.8$	$\varnothing 3.5$	2.5
	13 mm	1173	$\varnothing 4.2$	$\varnothing 3.3$	$\varnothing 1.8$	$\varnothing 3.5$	2.5
$\varnothing 5.0$	8 mm	1188	$\varnothing 5.0$	$\varnothing 4.4$	$\varnothing 2.6$	$\varnothing 3.5$	2.5
	10 mm	1180	$\varnothing 5.0$	$\varnothing 4.1$	$\varnothing 2.3$	$\varnothing 3.5$	2.5
	11.5 mm	1181	$\varnothing 5.0$	$\varnothing 4.1$	$\varnothing 2.3$	$\varnothing 3.5$	2.5
	13 mm	1183	$\varnothing 5.0$	$\varnothing 4.1$	$\varnothing 2.3$	$\varnothing 3.5$	2.5



## ONE SURGICAL KIT for all implant systems



- A new tray design and layout – fits all tools and drills required for any of Alpha-Bio Tec's implant systems.
- Ergonomic, compact and easy to carry.
- Shock-resistant silicon holders enabling stable movement during transit.
- Clear, color-coded visual design, for easy and intuitive accessibility.
- Laser etched marking on tray, including a dimension bar for effective drill depth verification.
- Easy cleaning and autoclaveable, guaranteeing 1000 sterilization cycles.

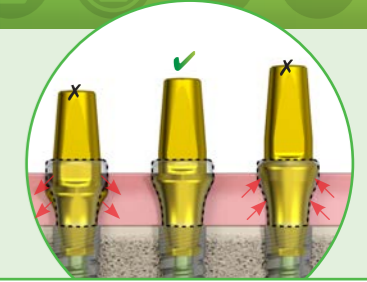
\* Kit is provided empty. Tools and drills must be ordered separately.

Manual	Motor Mount	Wrench
<p>MITD 2.5 IH 4146</p>	<p>GITL 1.25 L M IH 4143</p> <p>GITS 1.25 S M IH 4145</p>	<p>GITD 2.5 L IH 4140</p> <p>GITD 2.5 M IH 4141</p> <p>GITD 2.5 S IH 4142</p>

**New  
Launch!**

# Conical Standard CS Restoration Line

The philosophy behind the prosthetic line focuses on soft tissue for enhanced, long-term esthetics through biological design. All products in the line – from healing abutments to impression and final restoration - harmoniously correspond with each other. This approach delivers functionality, esthetics and minimal maintenance.



### Choosing the correct abutment cuff height

The concavity of the abutment's gingival area design corresponds with the healing abutment's design of the same height. Use of improper abutment cuff height may result in a misfit gingival align.

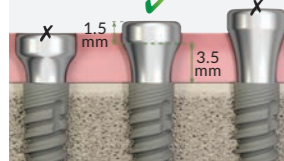
- All prosthetic parts match in their design, thus enhancing the long-term stability of the soft tissue for better esthetic results
- Various heights and width options are available for different gingival indications
- CS products are color-coded in green for pre-and post-surgery identification
- Advanced design supports platform switching

## Healing Abutments

- Concaved design promoting better soft tissue healing for long-term esthetical results\*
- Five healing abutments for different cuff heights
- Laser marking for easy diameter and height identification
- Perfect match with abutment cuff height design



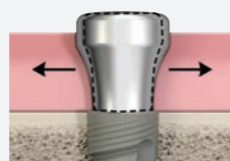
### Choosing the correct healing abutment



\* Use 1.25 mm driver.

The healing abutment should be chosen according to the given gingival height. The healing abutment concaved area varies from 1.5 to 5.5 mm, with a constant straight top of 1.5 mm suitable for most clinical situations. The healing abutment should protrude from the soft tissue margin, as shown.

### Broadening of the soft tissue



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

### Healing Abutments Ø 4.0 mm

Dimensions	A: Ø 4.0 mm B: 1.5 mm C: 3 mm	A: Ø 4.0 mm B: 2.5 mm C: 4 mm	A: Ø 4.0 mm B: 3.5 mm C: 5 mm	A: Ø 4.0 mm B: 4.5 mm C: 6 mm	A: Ø 4.0 mm B: 5.5 mm C: 7 mm
Code	HA-D-4-CH-1.5-CS	HA-D-4-CH-2.5-CS	HA-D-4-CH-3.5-CS	HA-D-4-CH-4.5-CS	HA-D-4-CH-5.5-CS
Ref. No.	3401	3402	3403	3404	3405

### Healing Abutments Ø 4.9 mm

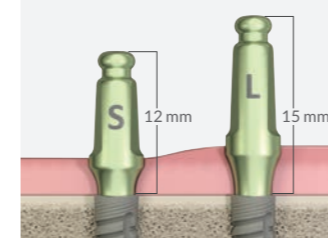
Dimensions	A: Ø 4.9 mm B: 1.5 mm C: 3 mm	A: Ø 4.9 mm B: 2.5 mm C: 4 mm	A: Ø 4.9 mm B: 3.5 mm C: 5 mm	A: Ø 4.9 mm B: 4.5 mm C: 6 mm	A: Ø 4.9 mm B: 5.5 mm C: 7 mm
Code	HA-D-4.9-CH-1.5-CS	HA-D-4.9-CH-2.5-CS	HA-D-4.9-CH-3.5-CS	HA-D-4.9-CH-4.5-CS	HA-D-4.9-CH-5.5-CS
Ref. No.	3407	3408	3409	3410	3411

### Healing Abutments Ø 6.2 mm

Dimensions	A: Ø 6.2 mm B: 1.5 mm C: 3 mm	A: Ø 6.2 mm B: 2.5 mm C: 4 mm
Code	HA-D-6.2-CH-1.5-CS	HA-D-6.2-CH-2.5-CS
Ref. No.	3412	3413

## Impression

- Allows closed/open tray techniques as well as plastic snap-on
- Advanced supragingival design for enhanced impression accuracy
- Matching of the trans-gingival design minimizes soft tissue collapse



### 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.

### Short Closed Tray Transfer

### Long Closed Tray Transfer

### Short Open Tray Transfer

### Long Open Tray Transfer

### Plastic Transfer - PickUp

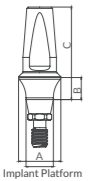




### Analog

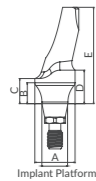


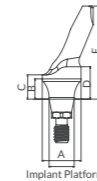


Code	SCTT-CS	LCTT-CS	RCTT-CS	RCTTS-CS	HTLASP	IA-CS
Ref. No.	3450	3451	3455	3456	5364	3459

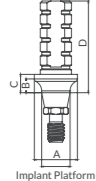


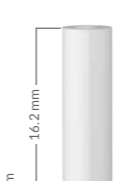
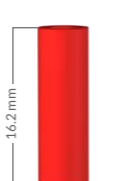
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# Conical Standard CS Restoration Line

## Cement-retained Restoration

Straight Titanium Abutments				
				
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
Code	TLA-H-1.5-CS	TLA-H-2.5-CS	TLA-H-3.5-CS	TLA-H-4.5-CS
Ref. No.	3501	3502	3503	3504

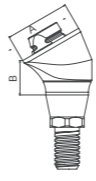






15° Angled Titanium Abutments		25° Angled Titanium Abutments			
					
Dimensions	A: Ø 4.8 mm B: 1.5 mm C: 2 mm D: 3 mm E: 10.5 mm	A: Ø 4.8 mm B: 2.5 mm C: 3 mm D: 4 mm E: 11.5 mm	Dimensions	A: Ø 4.8 mm B: 1.5 mm C: 2 mm D: 3 mm E: 10.5 mm	A: Ø 4.8 mm B: 2.5 mm C: 2 mm D: 3 mm E: 11.5 mm
Code	TLA-15-H-1.5-CS	TLA-15-H-2.5-CS	Code	TLA-25-H-1.5-CS	TLA-25-H-2.5-CS
Ref. No.	3511	3512	Ref. No.	3514	3515

Temporary Titanium Abutments		Casting Abutments			
					
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	2.2 mm 16.2 mm 4.7 mm 1.5 mm	2.2 mm 16.2 mm 4.7 mm 1.5 mm	
Code	TA-AR-CS	TA-R-CS	Code	CoCr-AR-CHCS	CoCr-R-CHCS
Ref. No.	3532	3533	Ref. No.	3846	3847

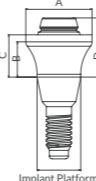



## Screw-retained Restoration

### Multiple Implants Restoration: Alpha Universe Multi-Unit Abutment System

Angled abutments for aligning the prosthetic platform when using tilted implants

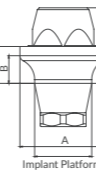




17° Angled Abutments			30° Angled Abutments			
						
Dimensions	A: Ø 4.7 mm B: 1.5 mm	A: Ø 4.7 mm B: 2.5 mm	A: Ø 4.7 mm B: 3.5 mm	A: Ø 4.7 mm B: 1.5 mm	A: Ø 4.7 mm B: 2.5 mm	A: Ø 4.7 mm B: 3.5 mm
Code	AU-17-1.5-CS	AU-17-2.5-CS	AU-17-3.5-CS	AU-30-1.5-CS	AU-30-2.5-CS	AU-30-3.5-CS
Ref. No.	3862	3863	3864	3867	3868	3869

\* Use 1.25 mm driver @30Ncm.

Straight Abutments For restoration of up to 30° diversion between implants			
			
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
Code	TCT-0.75-CS	TCT-1.5-CS	TCT-2.5-CS
Ref. No.	3870	3871	3872

- Supra structure on top of the abutments remains the same and can be used with Alpha Universe products, except of AR products.  
Use 1.5 mm driver @30Ncm.  
- For digital restoration with Alpha Universe multi-unit straight abutments, use rotational scan body 3883.

## Single Implant Restoration

Straight Abutments				
				
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-H-0.75-CS	HBC-H-1.5-CS	HBC-H-2.5-CS	
Ref. No.	3876	3877	3878	

Note: Abutments are supplied with a screw and a plastic burnout sleeve.

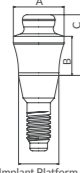




\* Use 1.25 mm driver @30Ncm.

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# Conical Standard CS Restoration Line

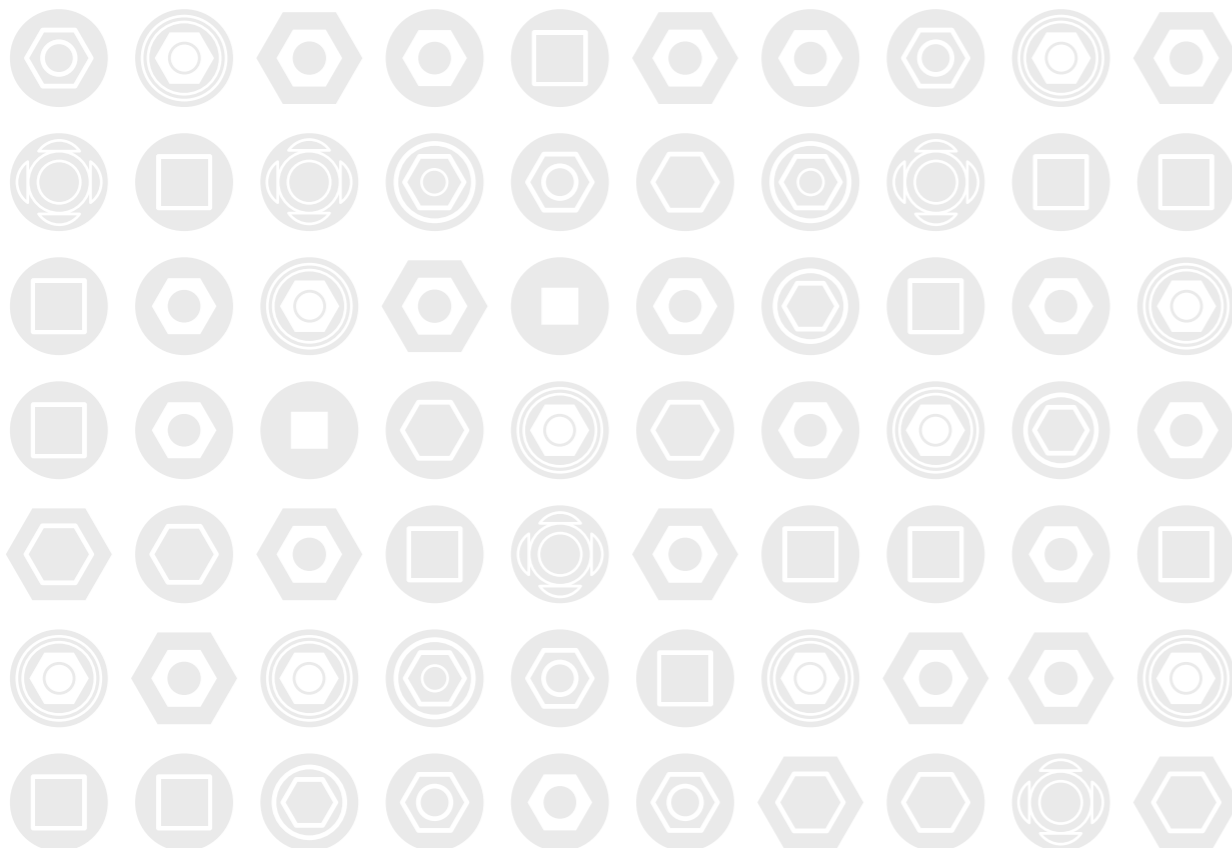
## Overdenture Restoration

### AlphaLoc Straight Abutments

				
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	AA-0.75 - CS	AA-1.5 - CS	AA-2.5 - CS	AA-3.5 - CS
Ref. No.	3710	3711	3712	3713

Abutments are supplied in a kit including: 1 attachment of the given height, 1 stainless steel metal housing, 4 retentive caps, 1 protective disc and 1 laboratory cap (refer to page 56 in the catalog).

\* Use 1.25 mm driver @30Ncm.




## ONE nEO MULTIPLE OPTIONS



## The Complete nEO Implant Family

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

 **Conical Narrow Connection (CHC)**

 **Conical Standard Connection (CS)**

 **Internal Hex Connection (IH)**

**Each connection features a dedicated restoration line**

**AlphaBio**<sup>TEC</sup>  
Simplantology

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# Conical Standard CS Digital Restoration Line

## Implant Level Restoration

### Ti Bases - Engaged (Single tooth)

	Model 1	Model 2	Model 3
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
Gingival Height	0.75 mm	1.5 mm	2.5 mm
Code	TB_0.75_AR_CS	TB_1.5_AR_CS	TB_2.5_AR_CS
Ref. No.	3832	3840	3842

### Ti Bases - Non Engaged (For bridge/bar)

	Model 1	Model 2	Model 3
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
Gingival Height	0.75 mm	1.5 mm	2.5 mm
Code	TB_0.75_R_CS	TB_1.5_R_CS	TB_2.5_R_CS
Ref. No.	3833	3841	3843

### Pre-milled Blank

### Wide Pre-milled Blank

	Pre-milled Blank	Wide Pre-milled Blank
Dimensions	A: Ø11.5 mm B: 20 mm	A: Ø15.8 mm B: 20 mm C: 15 mm
Code	BA_PF_CS	WBA_PF_CS
Ref. No.	3854	3855
Instructions	Standard CS Screw (included in package)   For PreFace® abutment holder	

### Scan Body

### Screw

### Analogs

	Scan Body	Screw	Analogs
Code	IOSB-CS	STLA-CS	IA-CS AN-PM-CS
Ref. No.	3837	3510	3459 3838
Instructions	Screw included. Use standard driver - 4052.	Standard CS Screw (included in package)	For printed models

## Sirona Compatible

### Ti Base

### Scan Post

	Ti Base	Scan Post
Dimensions	A: Ø4.3 mm B: 4.7 mm C: 5.2 mm D: 0.48 mm	A: Ø4.3 mm B: 5.3 mm C: 10 mm
Code	CSTB-CS-SI	CSSP-CS-SI
Ref. No.	3856	3857
Instructions	For scan and/or restoration use	For scanning purpose only

- Standard CS Screw (included in package)
- Use 1.25 mm driver @30Ncm.
- For scanning, use Sirona's original scan bodies size L (sirona's Ref 64 31 329 for Omnicam or 64 31 303 for Bluecam).
- On your CAD software library choose Zimmer Tapered Screw Vent 3.5mm platform.
- Use standard L blocks or equivalent for milling your abutment.

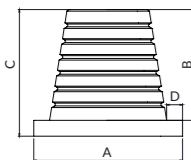


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# Conical Standard CS Digital Restoration Line

## TCT-N For multi-unit abutments

### Adhesive Copings



**Engaged** (single tooth)



**Non Engaged** (bridges/bars)



Dimensions	A: Ø4.7 mm B: 3.5 mm C: 4 mm D: 0.5 mm	A: Ø4.7 mm B: 3.5 mm C: 4 mm D: 0.5 mm
Code	TAC-TCT-N	TAC-TCT-N-R
Ref. No.	5028	5029

### Dual Use Scan Bodies



Dimensions	Height: 7 mm	Height: 7 mm
Code	IOSB-TCT-N-R	IOSB-TCT-N
Ref. No.	3883	5003
Instructions	For bridge restoration with multi-unit straight and angled abutments	For single crown restoration with multi-unit angled abutments

\* Screw included. | \* Use standard driver - 4052.

### Screws

### Analog



Code	SF-N	SFT-N	S-DM-SR	BTT-N
Ref. No.	6092	6093	4994	5211
Instructions	Clinical-Silver (included in package). standard multiunit TCT-N screw	Lab use multiunit TCT-N screw	For direct mounting. Not recommended for restoration without metal base	Suitable for TCT-N and TCT-N-R. Also for printed model

neo

THE NEXT SENSATION

by Alpha-Bio Tec

 AlphaBio<sup>TEC</sup>  
Implantology

