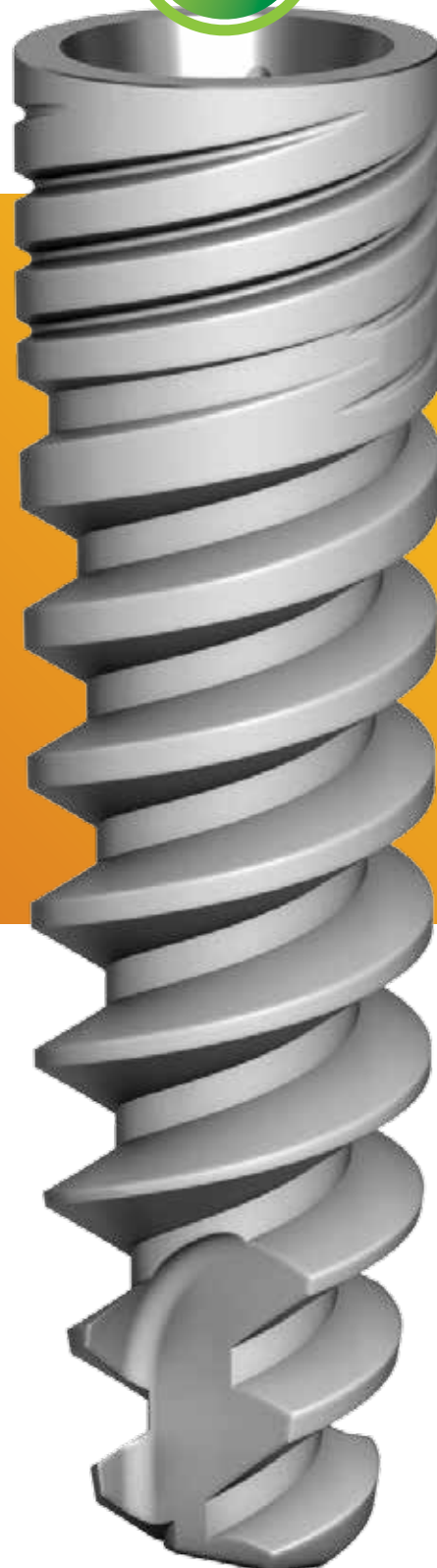


①

Implant system

NEW



 **AlphaBio**_{TEC}
Implantology

NICE

An Extended Solution
for Narrow Ridges

NICE System:

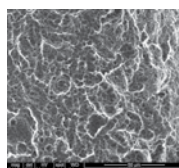
An Extended Solution for Narrow Ridges

Quality

Alpha-Bio Tec presents an advanced new NARROW implant solution for narrow alveolar ridges and limited spaces by adjacent teeth and roots. An addition to the existing range of products and with the same high quality you have come to expect from Alpha-Bio Tec; this precisely fitting, narrow implant is easy to work with and provides the ultimate esthetic results. The NICE has the unique NanoTec™ implant surface achieved by a complex process of large particle sandblasting and acid etching.



SEM of surface,
magnification: X 50



SEM of surface,
magnification: X 2000

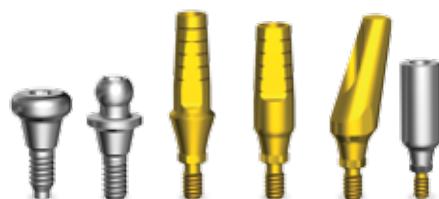
Design

The NICE implant is the perfect solution for clinical cases involving narrow alveolar ridges and limited spaces by adjacent teeth and roots. With a narrow and tapered body, an apical part that has sharp deep threads and variable thread design as well as the optimal conical hex connection, NICE is the ultimate system to expand your clinical treatment options. The NICE implant is provided in 5 different lengths to maximize your treatment options: 8 mm, 10 mm, 11.5 mm, 13 mm and 16 mm.

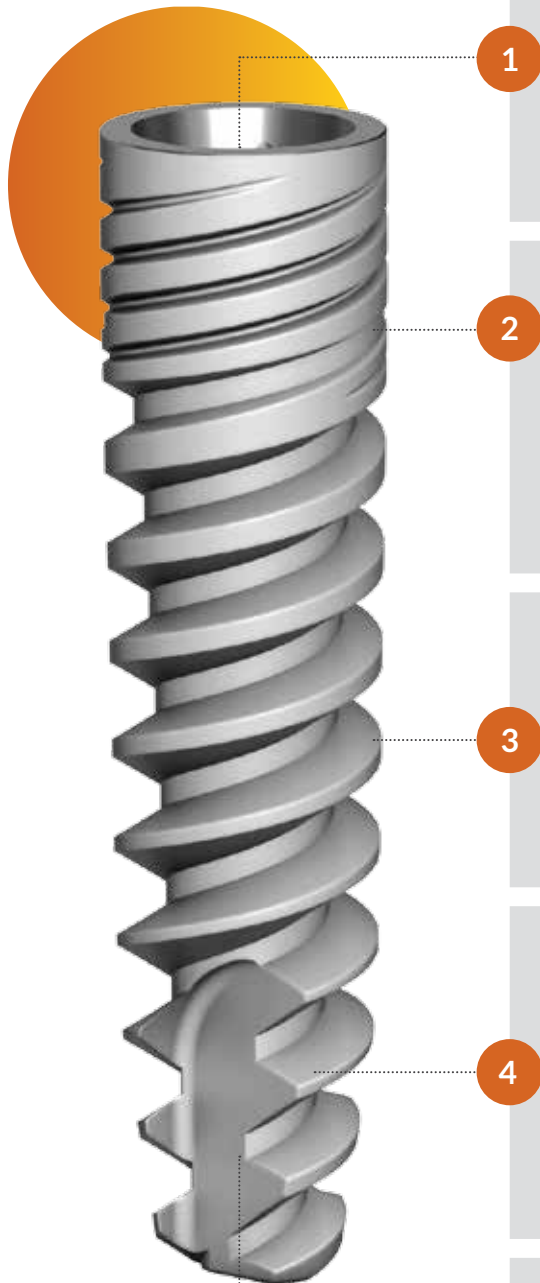
	8 mm	10 mm	11.5 mm	13 mm	16 mm
Ref. No.	1068	1060	1061	1063	1066

Esthetics

Featuring a narrow tapered body, micro threads of the coronal part and true platform switching, the NICE implant offers less crestal resorption and allows bone growth on implant neck. Together with a high quality design of prosthetics parts the NICE implant ensures long term esthetic result.



Modern Design



Connection

Design Features:

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

Advantages:

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



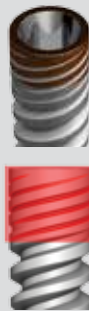
Coronal part

Design Features:

- Micro threads
- Split coronal macro thread

Advantages:

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



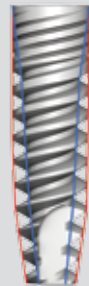
Implant body

Design Features:

- Tapered design externally and internally
- Bone condensing implant body

Advantages:

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



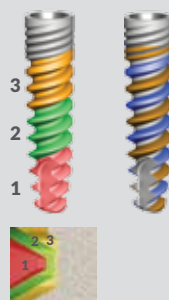
Implant threads

Design Features:

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

Advantages

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



Apical part

Design Features:

- Extremely narrow apical part 2.0mm
- Efficient cutting taper
- Straight apical border
- Sharpe and deep apical threads

Advantages:

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



*Note: The illustration shows 13 mm NICE implant.

Clinical Indications



Placement of the implant with the chosen abutment



Lateral bone augmentation

Maxilla anterior area (15-25)



Before teeth extraction



Immediate implantation



Immediate loading

Immediate implantation and immediate loading, anterior area



Limited space between adjacent teeth and roots (15-25)

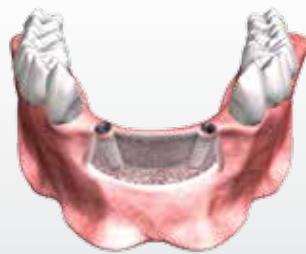


limited space between adjacent teeth (45-35)

Single unit restoration



Two month after
teeth extraction



Standard implantation

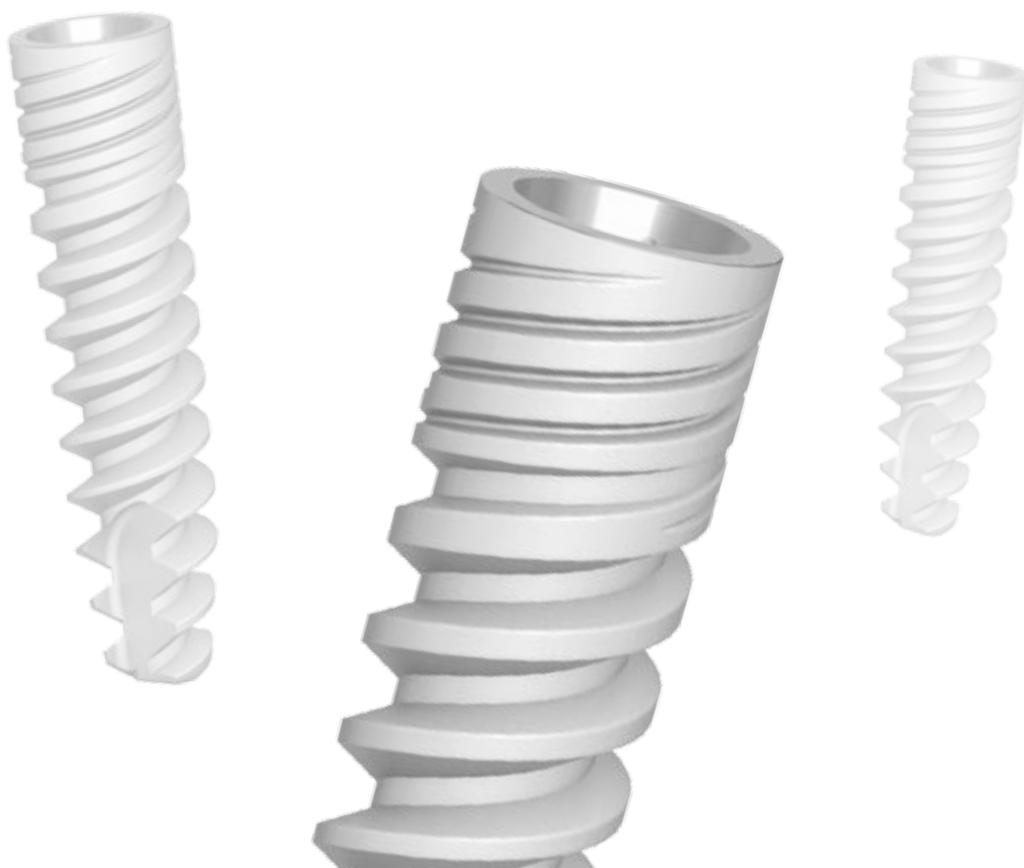


Immediate loading

For single and multiple unit restorations for areas 33-43



Full arch restoration - immediate loading in combination with standard diameter implants



Multi-Function Implant Package



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

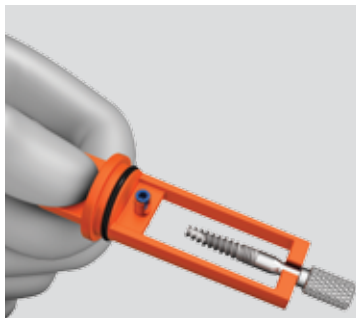
Cover screw (unique to the NICE implant)

Vial seal, transparent for increased visibility

Narrow implant holder

Label with implant name, diameter and length

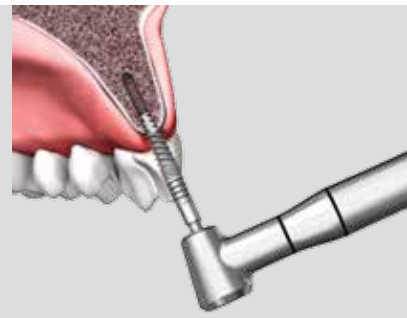
NICE
ø 3.2
L 13



1 Manual removal of the implant from the plastic holder



2 Initial insertion of the implant into the bone



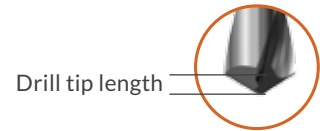
3 Removal of the implant holder from the implant and insertion into the bone with the help of special surgical tools

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

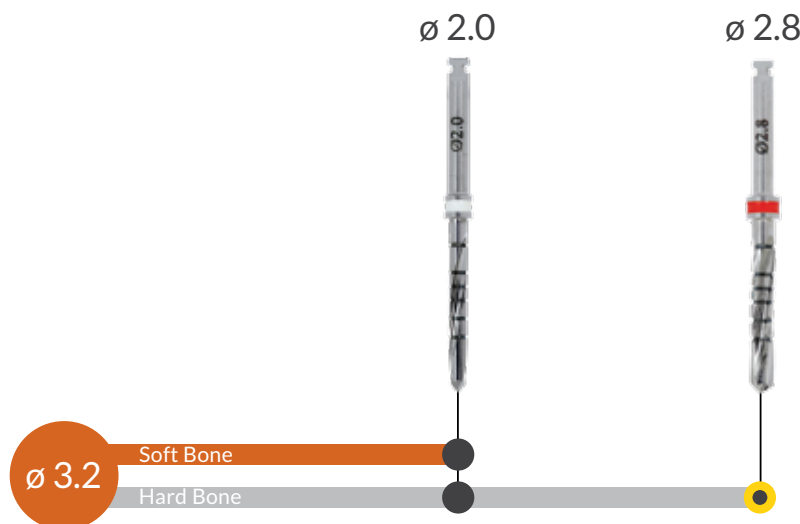
NICE Implant Drill Protocol

Important:

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



Scan the code to see the suggested drill protocol



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



Throughout entire implant length



3 mm shorter than implant length













New! Drill ø 3.0 mm

Code	DRX3.0
Ref. No.	4306

Note:

In cases of extremely hard bone, it is recommended to drill with ø 3.0 mm drill only through the cortical layer.

Torque Wrench Settings

Item	Insertion Tools	Torques
NICE Implants 	 7301 7305 7302 7303 7304	<p>It is recommended to place the implants using torque up to 50 Ncm</p> <hr/> <p>In case of immediate loading it is recommended to place the implants using torque of at least 35 Ncm</p>
Abutments (standard and esthetic) 	 4061 4055	<p>It is recommended to screw the abutments using torque up to 20 Ncm</p> <p>Do not exceed 20 Ncm</p>
Ball Abutments 	 4061 4055	<p>It is recommended to screw the ball abutments using torque up to 20 Ncm</p> <p>Do not exceed 20 Ncm</p>
Cover Screw 	 4052 4053	<p>Screw manually using torque up to 15 Ncm</p>
Healing Abutments 		<p>Screw manually using torque up to 15 Ncm</p>
Transfers 		<p>Screw manually using torque up to 15 Ncm</p>

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

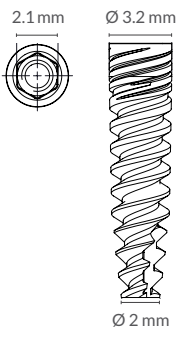





Ref. No. 4572 | Code: URT


Allows the clinician to accurately apply the recommended preload torque for surgery and prosthetics. Can be adapted to a 4 mm square head using the universal square head adaptor USH-4012.






Catalog Information

NICE Implants

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

	Cover Screw
	
Code	CST-CHC
Ref. No.	7300

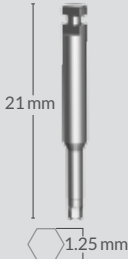




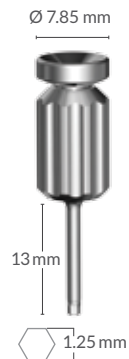
Surgical Drills

	Ø 2.0	Ø 2.8	Ø 3.0
			
Code	DRX2.0	DRX2.8	DRX3.0
Ref. No.	4204	4284	4306

NEW - Improved Multifunctional Drivers

Insertion Tools

- Compatible with Internal Hex Implant Systems as well


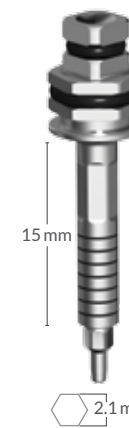
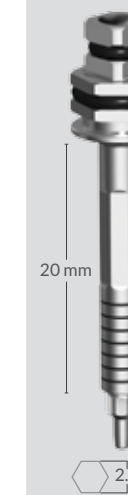
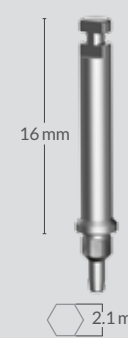
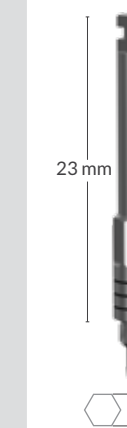
	Contra Angle Motor Mount	Hex Driver Short *	Hex Driver *	Hex Driver Long *	Manual Screw Driver Short	Manual Screw Driver
						
Code	HT 1.25M	HTD 1.25 S	HTD 1.25	HTD 1.25L	HHSS 1.25	HHS 1.25
Ref. No.	4165	4056	4055	4061	4053	4052
Instructions	To be used with a contra angle motor	Fits hexagonal 6.35 mm (1/4 inch) or square 4 mm ratchet			For Manual Use	

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

Implant Insertion Tools

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

- Compatible with NICE implants only, can not be used with Hex Implant Systems
- Special long implant driver especially designed for limited space between adjacent teeth
- Marks for height identification
- Special shaft design with hexagon for internal hex orientation marking

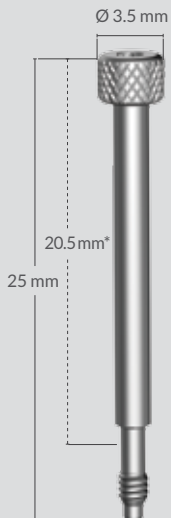
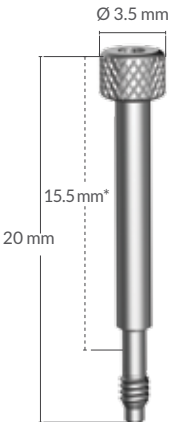
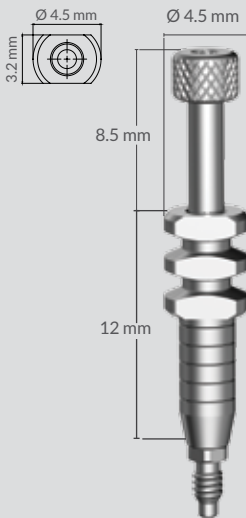
	Implant Driver Short *	Implant Driver Standard *	Implant Driver Long *	Motor Mount Driver Short	Motor Mount Driver Long
					
Code	ITD2.1S-CHC	ITD2.1-CHC	ITD2.1L-CHC	IT2.1S M-CHC	IT2.1L M-CHC
Ref. No.	7302	7305	7301	7304	7303
Instructions	Fits hexagonal 6.35 mm (1/4 inch) or square 4 mm ratchet			To be used with a contra angle motor	

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

Implant Impression Transfers

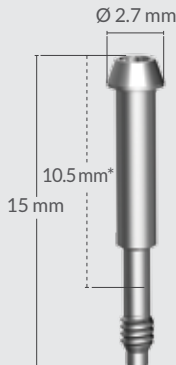
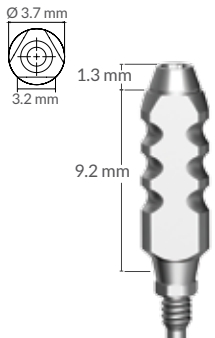

Open Tray Transfer

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

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

Closed Tray Transfer

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

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

* Note: Implant level.

Healing Abutments

Variety of esthetical healing abutments with emergence profile design that matches the transfer and the abutments to be used

- Three various diameters with different heights compatible with the prosthetic abutments
- Emergence profile design for high esthetic results (resembles platform shifting of the prosthetic parts)

Laser mark for easy identification of diameter and height

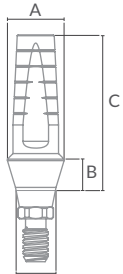




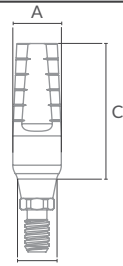



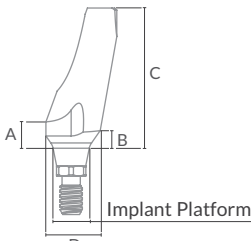





	Ø 3.4 mm			
<p>Diameter Ø</p> <p>Height mm</p> <p>1 mm</p> <p>Implant Platform</p>				
Dimensions	D: Ø 3.4 mm H: 2 mm	D: Ø 3.4 mm H: 3 mm	D: Ø 3.4 mm H: 5 mm	D: Ø 3.4 mm H: 7 mm
Code	HSD3.4-2-CHC	HSD3.4-3-CHC	HSD3.4-5-CHC	HSD3.4-7-CHC
Ref. No.	7311	7312	7313	7314
	Ø 3.8 mm			
<p>Diameter Ø</p> <p>Height mm</p> <p>1 mm</p> <p>Implant Platform</p>				
Dimensions	D: Ø 3.8 mm H: 2 mm	D: Ø 3.8 mm H: 3 mm	D: Ø 3.8 mm H: 5 mm	D: Ø 3.8 mm H: 7 mm
Code	HSD3.8-2-CHC	HSD3.8-3-CHC	HSD3.8-5-CHC	HSD3.8-7-CHC
Ref. No.	7315	7316	7317	7318
	Ø 4.2 mm			
<p>Diameter Ø</p> <p>Height mm</p> <p>1 mm</p> <p>Implant Platform</p>				
Dimensions	D: Ø 4.2 mm H: 2 mm	D: Ø 4.2 mm H: 3 mm	D: Ø 4.2 mm H: 5 mm	D: Ø 4.2 mm H: 7 mm
Code	HSD4.2-2-CHC	HSD4.2-3-CHC	HSD4.2-5-CHC	HSD4.2-7-CHC
Ref. No.	7319	7320	7321	7322

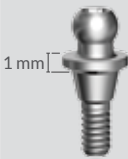
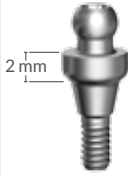
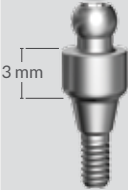
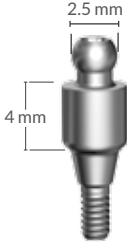
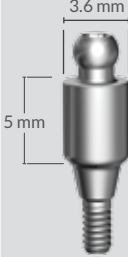
Esthetic Abutments

A variety of narrow abutments in 2 designs: straight and angular

- Narrow design for excellent esthetics
- Variety of angular abutments: 15° and 25°, for versatility of prosthesis of prosthetical options
- Special design with shoulder design and dimension for esthetic crown placement

Esthetic Simply Straight Abutment				
 Implant Platform				
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
Advantages	Straight narrow esthetic abutments with variable cuff-heights: 1 mm, 2 mm, 3 mm and 4 mm.			
Esthetic Standard Slim Abutment		Esthetic Standard Abutment		Standard Abutment
 Implant Platform				
Dimensions	A: Ø 3.2 mm C: 9 mm	A: Ø 3.6 mm C: 9 mm	A: Ø 4 mm C: 9.2 mm	
Code	ETLAS3.2-CHC	ETLAS3.6-CHC	TLAS4.O-CHC	
Ref. No.	7356	7357	7358	
Advantages	Allows easy shoulder milling preparation for high esthetic results. Minimal 0.2-0.3 mm shoulder milling is allowed at the larger diameter portion.			Can be used as blank abutment for CAD/CAM systems.
Esthetic Angled Titanium Abutments				
 Implant Platform	 15°	 15°	 25°	
Dimensions	A: 1.1 mm B: 1.5 mm C: 8.2 mm D: Ø 3.9 mm	A: 1.1 mm B: 1.5 mm C: 10.2 mm D: Ø 3.9 mm	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	
Advantages	Angled esthetic abutments, allow easy shoulder milling preparation for high esthetic results.			



Titanium Ball Abutments

	Titanium Ball Abutments				
					
Code	TB1-CHC	TB2-CHC	TB3-CHC	TB4-CHC	TB5-CHC
Ref. No.	7403	7404	7405	7406	7407

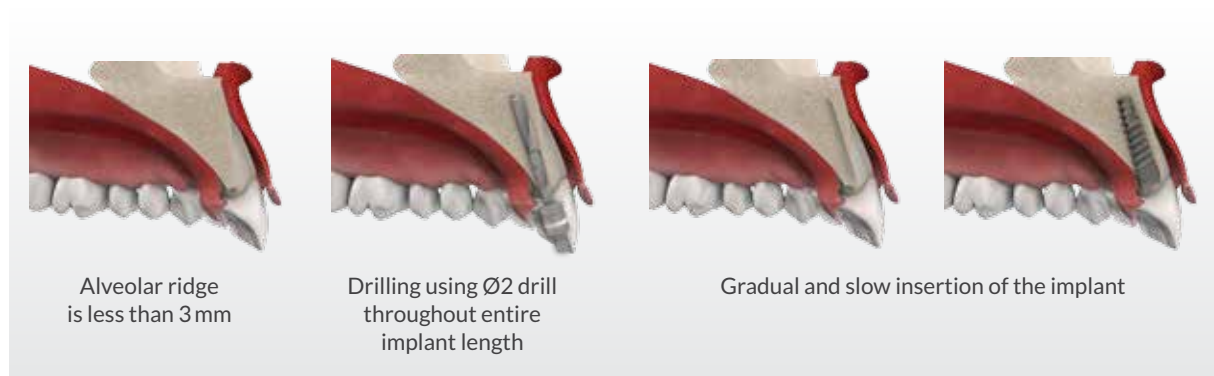
Nylon Caps

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

Screws

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

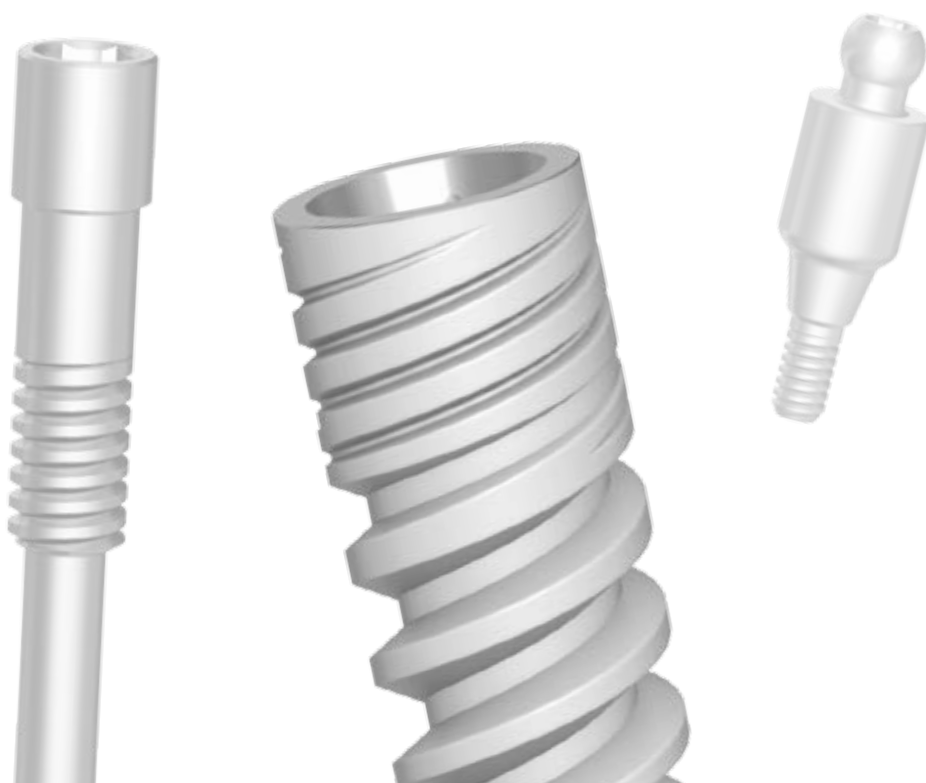
Recommended Drill Protocol for special clinical indications



Recommended drill protocol for alveolar ridges less than 3 mm



Recommended drill protocol for immediate implantation





OUR WARRANTY – YOUR PEACE OF MIND

Alpha-Bio Tec's high quality products meet strict international standards. This is why we can provide you with a Lifetime Warranty for our wide range of implants. In any case of a defect in the product, implant rejection, fracture or contamination of the product, subject to filing a complaint report, Alpha-Bio Tec shall replace the defective merchandise.

Warranty:

Alpha-Bio Tec warrants that all products will be free of defects in materials and/or workmanship. This warranty applies to the original purchaser only. There are no warranties, express or implied, except this warranty, which is given in lieu of any other warranties, express or implied, including any implied warranty of fitness for a particular purpose.

Important - Read instructions before use.

A complaint report is available at Alpha-Bio Tec's customer service and will be sent upon demand.



www.alpha-bio.co.il

Alpha-Bio Tec's products are CE-marked in accordance with the Council Directive 93/42/EEC and Amendment 2007/47/EC. Alpha-Bio Tec complies with EN ISO 13485: 2012 and the Canadian Medical Devices Conformity Assessment System (CMDCAS). Product availability may vary between countries.

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