EL

ESTHETIC
LINE
implant

C-TECH
IMPLANT

EL

ESTHETIC LINE implant


EC Certificate


Certificate

All of the materials produced by C-TECH follow a validated procedure, which includes surface treatment and packing as well, in conformity with European and international directives EN ISO 13485, 93/42/EEC and MDR 2017/745 relative to medical devices.

Dental precision solutions

C-Tech Implant is a dynamic company with aggressive growth, producing components and product lines primarily for dental implantology.

International presence

With production and management based in Italy, C-Tech Implant is however active in all major world markets and is distributed in over 33 countries.

Scientific research, advanced technology and simplification

C-Tech Implant differentiates itself with attention to research and the application of high technology to its products, all while maintaining a simplicity of insertion and ease of use.

C-Tech Implant combines the latest trends in implantology with practical surgical and prosthetic solutions aimed at offering the practitioner and the patient optimal results.

High quality standards

C-Tech Implant products are made to the highest standards governing the manufacturing and management of European medical and dental components.
Up to date audits and certifications assure that these standards are vigilantly maintained.

Training and advice

Dental professionals are assisted by the wide knowledge and experience of C-Tech Implant personnel and through C-Tech courses and training sessions.
During these courses the professional is able to learn the latest methods of implant placement and reconstruction.

Mission statement

The goal of C-Tech Implant is to provide the highest level of quality for technologically advanced products at reasonable prices in order to allow the dental practitioner to find solutions for the broadest range of patients.

ESTHETIC LINE implant characteristics

Bevelled shoulder
- Facilitates bone growth above the shoulder
- Long term implant stability
- Biological repartition of the forces in cortical bone

Micro grooving
- Softens forces to the cortical bone during insertion
- Facilitates cortical bone maintenance

Triple acid etched surface topography
- Best surface for osseointegration and bone to implant contact

Aggressive apical design
- Ideal for immediate implant placement
- Guarantees primary stability

Rounded apex
- Promotes the protection of the sinus floor, nerve canal and other important anatomical structures during insertion

Subcrestal seating
- Hinders exposure of the implant through bone resorption
- Ideal for the esthetic zone
- Long term esthetic stability

Three different threading profiles
- Thread designs adapted to different bone structures that occur along the lenght of the implant
- Enhanced surface area
- Round but cutting apex design

Double lead thread
- Insertion rate of 1.5mm per rotation
- Guarantees primary stability
- Increased bone to implant contact
- Faster and even insertion while protecting bone structure

Thread in thread / groove in groove
- Increased bone to implant contact

Concave esthetic concept
- Non surgical thickening of the peri-implantary tissue
- Facilitates the papilla reconstruction technique

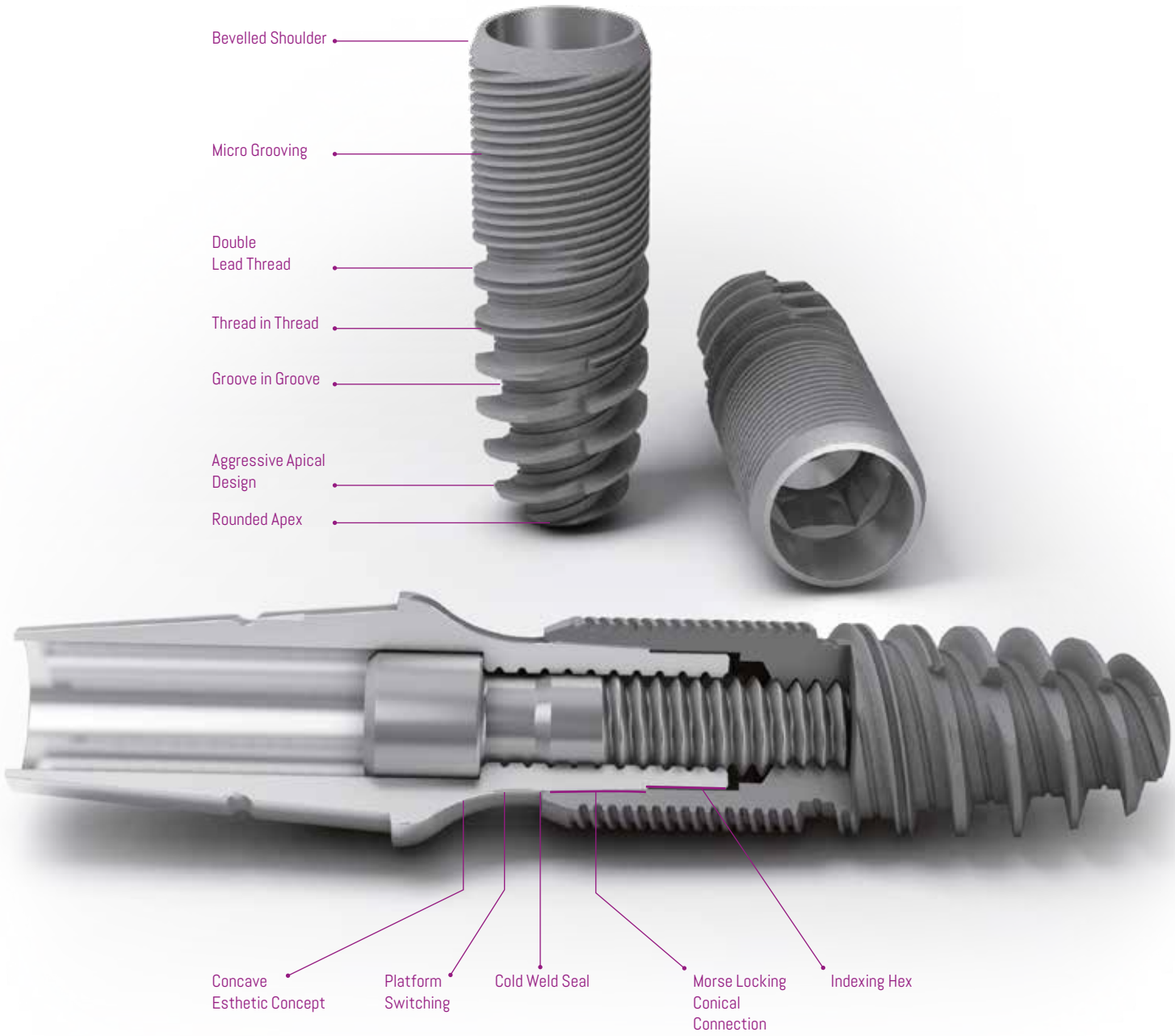
Platform switching
- Reduces bone loss
- Better representation of the biological width
- Promotes long term esthetic stability

One connection for all 5 diameters
- Simplifies the system
- Reduces inventory
- Ease of use

Cold weld seal
- Prevents bacterial infiltration of the implant/prosthetic connection and consequent bone loss

Morse locking conical connection
- Eliminates micro-movements
- Reduces the risk of screw loosening

Indexing hex
- Provides antirotational security


Bevelled Shoulder
Micro Grooving
Double
Lead Thread
Thread in Thread
Groove in Groove
Aggressive Apical
Design
Rounded Apex
Concave
Esthetic Concept
Platform
Switching
Cold Weld Seal
Morse Locking
Conical
Connection
Indexing Hex

Purity and precision

Material purity and surface treatment

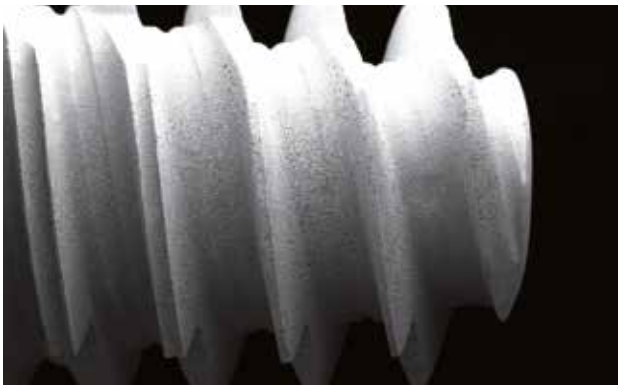
Material purity starts with the acquisition of raw material from only the most reliable sources of which each lot is accompanied by its own material certificate and is completely traceable at all phases of production and later use. The production facility in which all the implants and components are made is owned and operated by C-TECH and is certified to the highest standards governing the production of dental/ medical devices. To maintain these standards, regular and independent audits are performed by the German auditor, TUV Süd. All up to date certificates are available for download on the company's website.

The machining of the EL implant is an intricate process due to the precision required for the Morse conical connection and the exterior complexity of the implant. This intricacy requires double the machining time that would be necessary for that of an average implant.

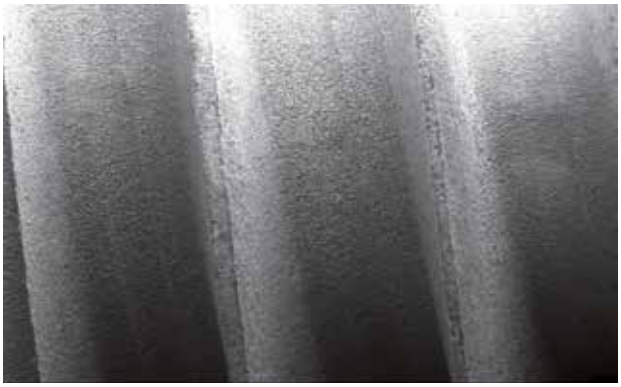
Throughout and following each step of the production process, the implants are thoroughly cleaned in 5 seperate cleaning stages, consisting of a total of 20 cleaning cycles. This attention to cleanliness is in order to assure that no risk of any production residue is remaining on the implant surface.

The surface topography is created through a patented acid etching process. The adjacent photos made with a scanning electron microscope (SEM) demonstrate the lack of impurities on the implant surface as well as the abundant surface area created through the patented acidification process.

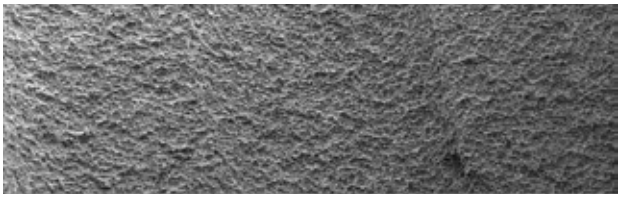
The purity of the grade 4 titanium used for the EL implant and the surface topology were independently verified through an investigation carried out with a scanning electron microscope (SEM) by the University of Cologne and Medical Material Research Center of Berlin, Germany. The investigation demonstrated the highest level of purity and cleanliness resulting in the award of the BDIZ quality seal. This investigation is avaliable in its long form on the C-TECH website.



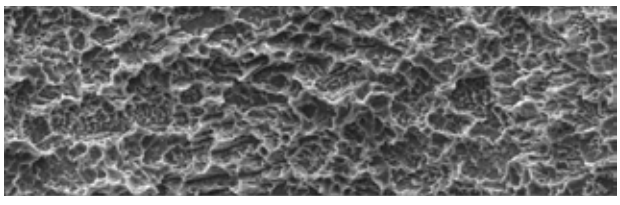
Magnification images 50x 200µm



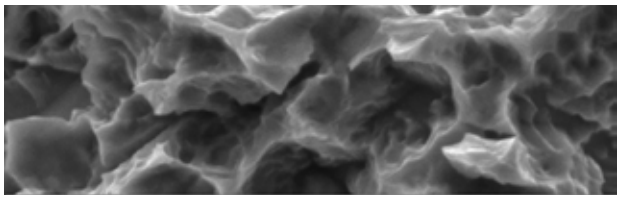
Magnification images 200x 100µm



Magnification images 500x 20µm



Magnification images 3000x 10µm



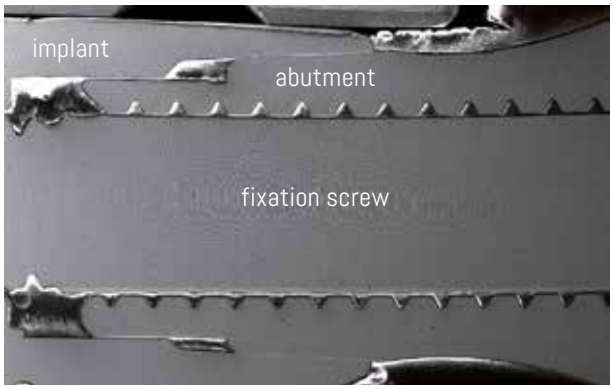
Magnification images 20000x 1µm

Precision components

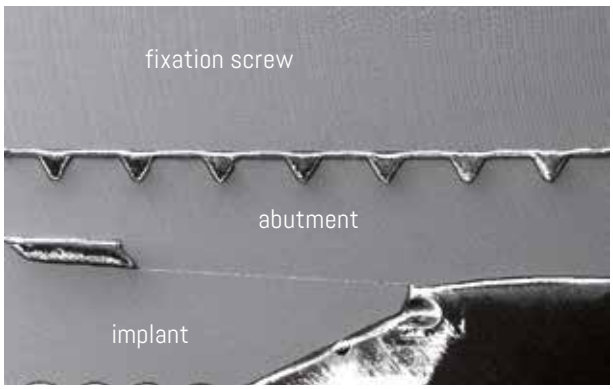
The successful achievement of a Morse lock and cold weld seal in the implant-prosthetic connection depends on high precision machining. A perfect Morse connection will result in a structural integrity and strength that will be as if the 2 parts were fused together and thus will practically eliminate the gap between the implant and the abutment. Accordingly, the C-TECH components are machined to a tolerance of within 10 microns.

This mechanical fusion of the prosthetic part and the implant has 2 important benefits: prevention of the bacterial colonization of the gap, which can lead to bone loss around the implant; the elimination of micro-movements between the implant and abutment and the consequent screw loosening which can lead to prosthetic failure.

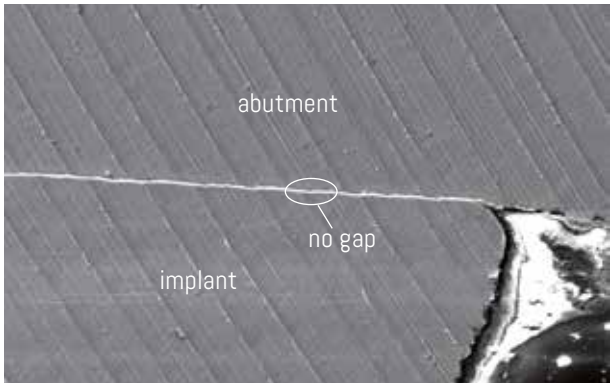
The SEM photos on the right show different magnifications of the tight abutment and implant connection. The final photo at the bottom, at 1000 X magnification, shows a fine line where the abutment and the implant meet. This practically nonexistent gap is less than the 1,5 microns width of the bacteria to be found in the oral cavity.



Magnification images 50x 200µm



Magnification images 100x 100µm



Magnification images 1000x 10µm

Dental Implants

EL implant ø3.8

G	3.8	3.8	3.8	3.8	3.8
A	8	9	11	13	15
B	1.75	1.55	1.55	1.55	1.55
C	0.5	0.5	0.5	0.5	0.5
D	3.3	3.3	4.0	4.0	4.0
E	4.2	5.2	6.5	8.5	10.5
F	1.0	1.0	1.0	1.0	1.0
H	3	3	3	3	3

Material: titanium grade 4

EL-3508 8 mm | EL-3509 9 mm | EL-3511 11 mm | EL-3513 13 mm | EL-3515 15 mm

EL implant ø4.3

G	4.3	4.3	4.3	4.3	4.3
A	7	9	11	13	15
B	2.1	2.1	2.1	2.1	2.1
C	1	1	1	1	1
D	1	2.3	2.3	2.3	2.3
E	5	5.7	7.7	9.7	11.7
F	1.0	1.0	1.0	1.0	1.0
H	3	3	3	3	3

Material: titanium grade 4

EL-4307 7 mm | EL-4309 9 mm | EL-4311 11 mm | EL-4313 13 mm | EL-4315 15 mm

EL implant ø5.1

G	5.1	5.1	5.1	5.1	5.1
A	7	9	11	13	15
B	3.0	3.0	3.0	3.0	3.0
C	1	1	1	1	1
D	1	2.3	2.3	2.3	2.3
E	5	5.7	7.7	9.7	11.7
F	1.0	1.0	1.0	1.0	1.0
H	3	3	3	3	3

Material: titanium grade 4

EL-5107 7 mm | EL-5109 9 mm | EL-5111 11 mm | EL-5113 13 mm | EL-5115 15 mm

EL implant ø6

G	6.0	6.0	6.0
A	7	8	10
B	2.3	2.5	2.5
C	1	1	1
D	1	2.0	2.0
E	5	5	7
F	1.0	1.0	1.0
H	3	3	3

Material: titanium grade 4

EL-6007 7 mm | EL-6008 8 mm | EL-6010 10 mm

EL implant ø7

G	7.0	7.0	7.0
A	7	8	10
B	3.2	34	34
C	1	1	1
D	1	2.0	2.0
E	5	5	7
F	1.0	1.0	1.0
H	3	3	3

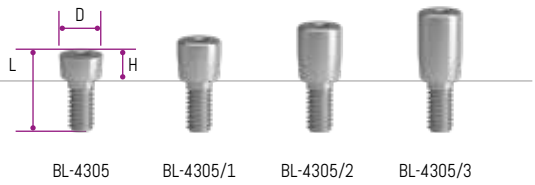
Material: titanium grade 4

EL-7007 7 mm | EL-7008 8 mm | EL-7010 10 mm

Titanium healing abutments

Cover screws

H	L	D	item#
1.8	5.5	3	BL-4305
2.8	6.5		BL-4305/1
3.8	7.5		BL-4305/2
4.8	8.5		BL-4305/3



TIGHTENING: with torque ratchet 10 Ncm

Material: titanium grade 5

EL CEC titanium healing abutments ø4.5

D	L \ Fixture	C	item#
4.5	3	2	EL-4502HT
	4	3	EL-4503HT
	5	4	EL-4504HT
	7	6	EL-4506HT

TIGHTENING: with torque ratchet 10 Ncm

Material: titanium grade 5

EL CEC titanium healing abutments ø5.5

D	L \ Fixture	C	item#
5.5	3	2	EL-5502HT
	4	3	EL-5503HT
	5	4	EL-5504HT
	7	6	EL-5506HT

TIGHTENING: with torque ratchet 10 Ncm

Material: titanium grade 5

Straight Protruding Cover Screws

The EL implant, with its subcrestal placement, favors the growth of bone over the platform and even over the standard cover screw which is flush with the top of the implant. C-TECH thus offers a choice of protruding cover screws which hinder bone growth over the screw top and thus facilitates finding a deeply set implant and consequent removal of the cover screw.

Protruding Cover Screw

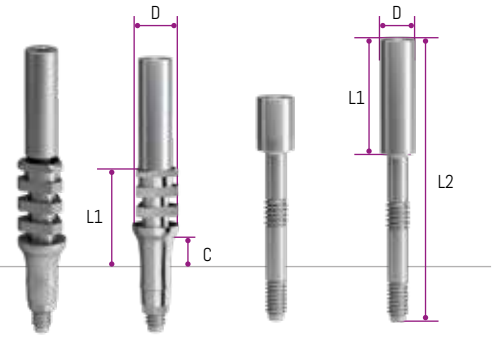
Standard/Flush Cover Screw

Open tray impression transfers

Open tray impression post Includes BL-5050L

L1	L2	D	C	item#
11.6	-	4.5	5.55	EL-4544L
12.3	-	4.5	4.3	EL-4544S
10	25.7	3	-	BL-5050L
6	21.7	3	-	BL-5050S

Material: Titanium grade 5



EL-4544S EL-4544L BL-5050S Short BL-5050L Long

Analog

L	D
11.5	4

Material: Titanium grade 5

BL-5143

Closed tray impression transfers

EL CEC Titanium ø4.5 abutments/transfers

Includes prosthetic screw

EL-4501F h1 | EL-4502F h2 | EL-4503F h3 | EL-4504F* h4 | EL-4506F* h6

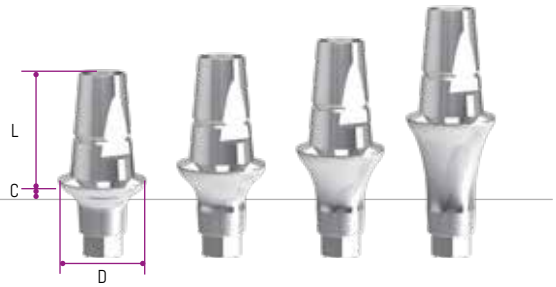
L	D	C \ Fixture	item#
6	4.5	1	EL-4501F
		2	EL-4502F
		3	EL-4503F
		4	EL-4504F
		6	EL-4506F

TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5

EL CEC Titanium ø5.5 abutments/transfers

Includes prosthetic screw



EL-5502F h2 | EL-5503F h3 | EL-5504F* h4 | EL-5506F* h6

L	D	C \ Fixture	item#
7	5.5	2	EL-5502F
		3	EL-5503F
		4	EL-5504F
		6	EL-5506F

TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5

EL CEC PEEK ø4.5 abutments/transfers

Includes prosthetic screw

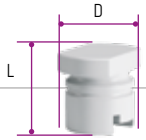
EL-4502P h2 | EL-4503P h3 | EL-4504P* h4 | EL-4506P* h6

L	D	C \ Fixture	item#
5.7	4.5	2	EL-4502P
		3	EL-4503P
		4	EL-4504P
		6	EL-4506P

TIGHTENING: with torque ratchet 25 Ncm

Material: PEEK

PEEK Abutment Impression Cap



EL-4547

L	D
6	6.5

Note: together with the EL-4547 impression cap, the EL temporary PEEK and EL titanium abutments can be used as closed tray impression transfers.

Material: PEEK

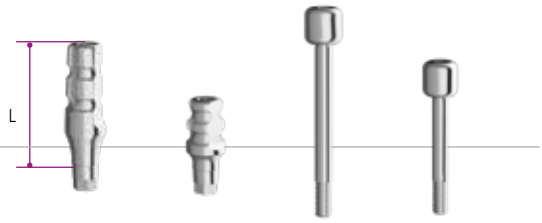
*Uses the long screw EL-5052HXL

Closed tray capless impression post

L	item#
13.5	EL-4541M
8.2	EL-4541MS

Note: intended use for single tooth only - set inlcudes post and screw

Material: Titanium grade 5



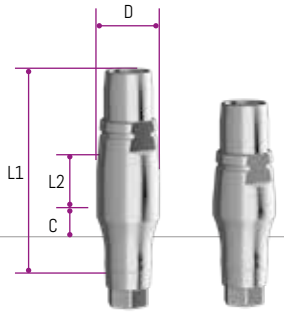
EL-4541M | EL-4541S | EL-5051M Medium | EL-5051S Short

Non engaging closed tray transfers

Includes screw and impression cap (BL-4546)

L1	L2	D	C / Fixture	item#
12.8	3.0	4	2.87	EL-4540L
10.3	0.5			EL-4540

Material: Titanium grade 5



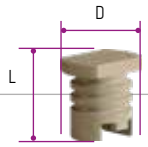
EL-4540L Long | EL-4540 Short

PEEK Impression Cap

L	D
5	4

Note: together with the BL-4546 impression cap, the EL temporary PEEK and EL titanium abutments can be used as closed tray impression transfers.

Material: PEEK



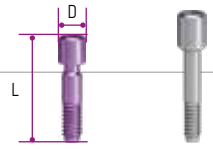
BL-4546

Internal prosthetic screws

L	D	item#
10	2.5	BL-5052HX
10.5	2.25	EL-5052HXL

TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5



BL-5052HX Standard | EL-5052HXL For abutment lenghts 4 and 6 mm

*Uses the long screw EL-5052HXL

Open tray transfer

Analog

BL-5143

Open tray impression post

EL-4544S

Guide screw

For open tray impression post

BL-5050L
Long

BL-5050S
Short

Intended use
Open tray impression technique.

Characteristics
- Slender emergence profile accommodates space limitations.
- Guide screw can be tightened either by hand or with the prosthetic driver.
- High precision impression components give an exact replica of the intraoral situation.
- Clear-cut tactile response from the prosthetic connection verifies proper seating of components.

Note
Open tray impression procedure requires a custom-made tray with perforations. Impression posts are intended for single use only to ensure optimal fit and precise impression taking for each patient.

STEP 1
Place the impression post accurately into the implant and hand-tighten the guide screw.

STEP 2
Make perforations in the custom-made impression tray (light cured resin) according to the individual situation so that the positioning screw of the impression post sticks out.

STEP 3
Take the impression using an elastomeric impression material (polyvinyl siloxane or polyether rubber).

STEP 4
Reposition and fix the analog in the impression using the screw.


1


2


3


4

Closed tray transfers

Analog

BL-5143

PEEK Transfers

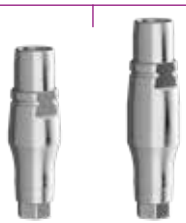
EL PEEK abutments together with the snap on EL-4547 cap function as impression transfers

EL-4502P
EL-4503P
EL-4504P*
EL-4506P*

EL CEC titanium

EL Titanium Abutments together with the snap on EL-4547 cap function as impression transfers

EL-4501F EL-5502F
EL-4502F EL-5503F
EL-4503F EL-5504F*
EL-4504F* EL-5506F*
EL-4506F*



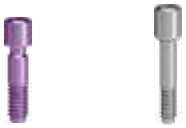
Non engaging transfers

BL-4546 PEEK Impression Cap and BL-5052HX Short Screw are included in the set

EL-4540 Short EL-4540L Long

Closed tray capless impression post

EL-4541S Short EL-4541M Medium



Screw

BL-5052HX Short EL-5052HXL Long

Screw

BL-5052HX Short EL-5052HXL Long

Hex driver

CT-9025S

PEEK Abutment Impression Cap

EL-4547

Hex driver

CT-9025S

PEEK Impression Cap

BL-4546

* Uses the long screw EL-5052HXL

Intended use
Closed tray impression technique.

Characteristics
- Slender emergence profile to accommodate space limitations.
- No additional preparation (i.e. perforation) of tray required.
- High precision impression components giving an exact replica of the intraoral situation.
- Clear-cut tactile response from the prosthetic connection verifyng proper seating of components.

Note
Impression posts ensure optimal fit and precise impression taking for each patient.

STEP 1
Place the impression post accurately into the implant and hand-tighten the prosthetic screw.

STEP 2
Push the impression cap on the top of the impression transfer.

STEP 3
Take the impression using an elastomeric impression material (polyvinyl siloxane or polyether rubber).

STEP 4
Use a standard impression tray.

STEP 5
Mount the impression transfer on the analog using the screw (ref. EL-5052HXL - BL-5052HX).

STEP 6
Reposition the impression transfer in the tray. Push the impression transfer until you feel that the tip of the transfer is completely and firmly reseated into the impression cap.


1


2


3


4


5


6

Technical planning abutments

Ø 4.5 straight planning abutments

Includes prosthetic screw

L	D	C \ Fixture	item#
6	4.5	1	EL-401
		2	EL-402
		3	EL-403
		4	EL-404
		6	EL-406

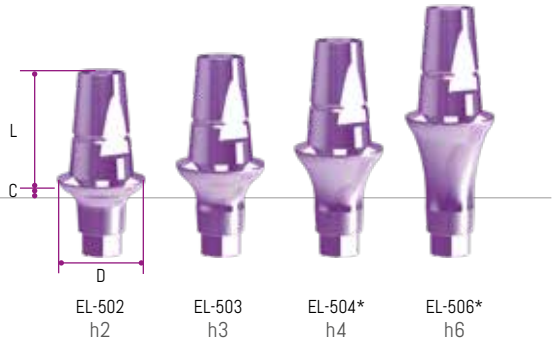
Material: Alluminium

Ø 5.5 straight planning abutments

Includes prosthetic screw

L	D	C \ Fixture	item#
7	5.5	2	EL-502
		3	EL-503
		4	EL-504
		6	EL-506

Material: Alluminium



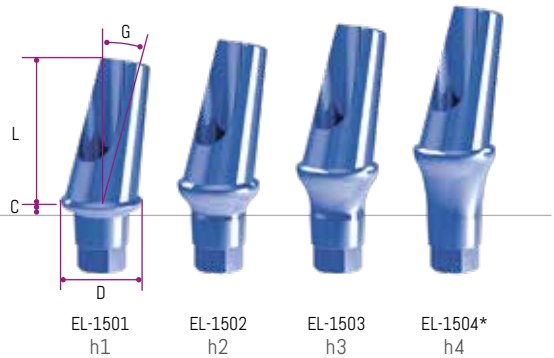
15° angled planning abutments

Includes prosthetic screw

L	D	C \ Fixture	G	item#
7.75	4.5	1	15°	EL-1501
		2		EL-1502
		3		EL-1503
		4		EL-1504

Over angle

Material: Alluminium



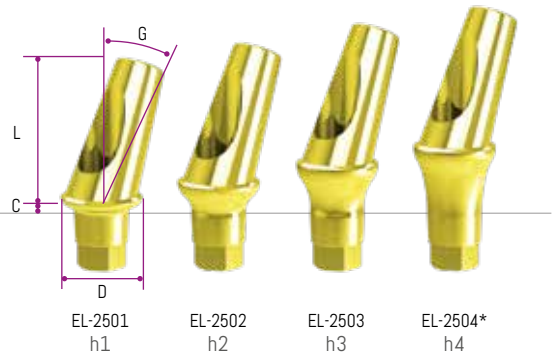
25° angled planning abutments

Includes prosthetic screw

L	D	C \ Fixture	G	item#
7.6	4.5	1	25°	EL-2501
		2		EL-2502
		3		EL-2503
		4		EL-2504

Over angle

Material: Alluminium



Complete set of 17 abutments + screws : Ref PLANKIT01
*Uses the long screw EL-5052HXL

Intended use
Extra-oral planning of prosthetic restoration.

Characteristics
- Color-coded planning abutments.
- Comprehensive planning set containing all planning abutments arranged clearly.
- Proper seating of planning abutments verified through the clear-cut response from the prosthetic connection.
- Planning abutments fabricated of sterilizable material.

Step 1
Place the planning abutment into the technical lab model situation in order to plan and choose the appropriate titanium abutment in cost effective manner.

Step 2
Place the titanium abutment and hand-tighten the screw.

Step 3
Prepare the titanium abutment and modify it as required.

Step 4
Fabricate the superstructure on the modified abutment using the standard modelling, casting and veneering methods.

Step 5
Cast the framework using the standard casting methods.

Step 6
Veneer the superstructure.

Planning abutment kit
PLANKIT01

Titanium abutments

Intended use
Cement-retained restorations.

Characteristics
- Concave esthetic concept (CEC) abutments allow the maintenance of the maximum amount of gingival volume around the abutment. The CEC helps to provide a gingival seal against the bacteria in the oral cavity as well as to promote a natural emergence profile.
- Less grinding necessary due to prepared mucosa margins.
- Adaptation to natural soft tissue contour due to prepared mucosa margins in different heights (H1, H2, H3, H4, H6).
- Reliable.
- Morse locking connection: Abutment and implant are joined together so as to form a single fused unit.
- Extractor system allows easy abutment removal from the implant or the analog.

Note
The cement margin must not be more than 2 mm below the mucosa. Use a new basal screw for the final insertion of the abutment.

EL CEC Titanium ø4.5 abutments Includes prosthetic screw

L	D	C \ Fixture	item#
6	4.5	1	EL-4501F
		2	EL-4502F
		3	EL-4503F
		4	EL-4504F
		6	EL-4506F

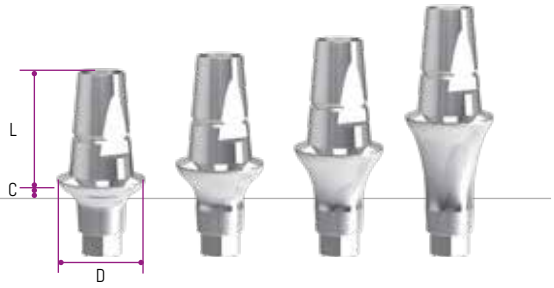
EL-4501F h1 | EL-4502F h2 | EL-4503F h3 | EL-4504F* h4 | EL-4506F* h6

TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5

EL CEC Titanium ø5.5 abutments Includes prosthetic screw

L	D	C \ Fixture	item#
7	5.5	2	EL-5502F
		3	EL-5503F
		4	EL-5504F
		6	EL-5506F



EL-5502F h2 | EL-5503F h3 | EL-5504F* h4 | EL-5506F* h6

TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5

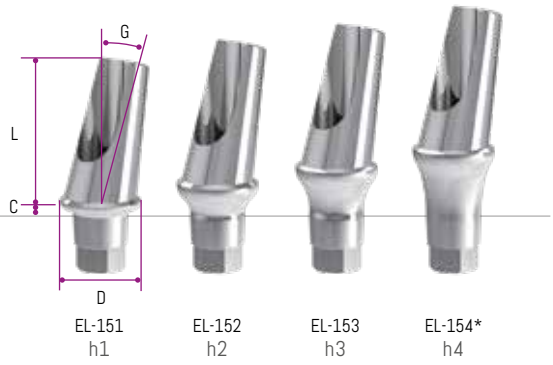
*Uses the long screw EL-5052HXL

EL CEC 15 °angled abutments

Includes prosthetic screw

L	D	C \ Fixture	G	item#
7.75	4.5	1	15°	EL-151
		2		EL-152
		3		EL-153
		4		EL-154

Over angle



TIGHTENING: with torque ratchet 25 Ncm

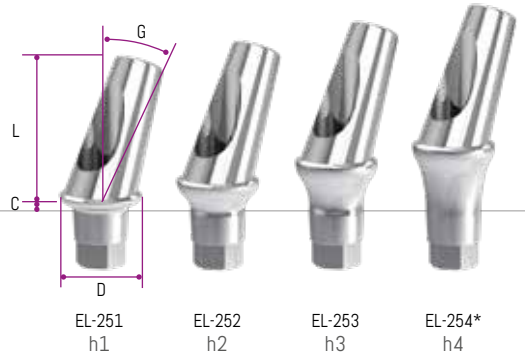
Material: Titanium grade 5

EL CEC 25°angled abutments

Includes prosthetic screw

L	D	C \ Fixture	G	item#
7.6	4.5	1	25°	EL-251
		2		EL-252
		3		EL-253
		4		EL-254

Over angle



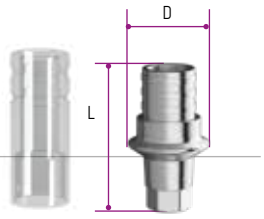
TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5

Castable chrome cobalt base

Includes casting cylinder and prosthetic screw BL-5052HX

L	D
5	4.2



EL-6041CC

TIGHTENING: with torque ratchet 25 Ncm

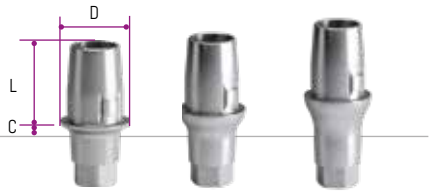
Material: Chrome Cobalt and Plexiglass

*Uses the long screw EL-5052HXL

CAD-CAM Components

Titanium CEREC® bases
Available for EXOCAD, 3SHAPE and DENTALWINGS - Includes prosthetic screw BL-5052HX

L	D	C \ Fixture	item#
4.65	4.25	1	BL-6047
		2	BL-6047H2
		3	BL-6047H3



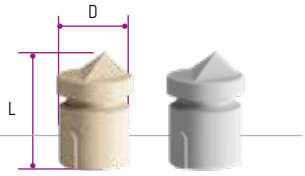
BL-6047 h1 | BL-6047H2 h2 | BL-6047H3 h3

TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5

Scan body for CEREC® bases

L	D
6.55	4.8

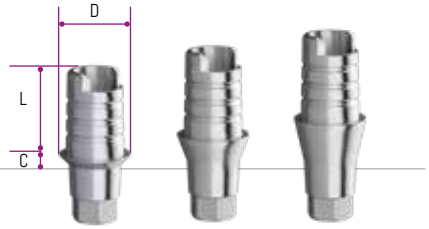


BL-6047/1 for Omnicam | BL-6047/2 for Bluecam

Material: Plastic

Non rotating CEC titanium bases
Includes prosthetic screw BL-5052HX

L	D	C \ Fixture	item#
5	4.2	1	EL-6041
		2	EL-6042
		3	EL-6043



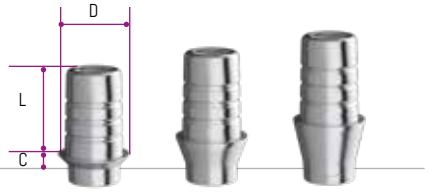
EL-6041 h1 | EL-6042 h2 | EL-6043 h3

TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5

Rotating CEC titanium bases
Includes prosthetic screw BL-5052HX

L	D	C \ Fixture	item#
5	4.2	1	EL-6041R
		2	EL-6042R
		3	EL-6043R



EL-6041R h1 | EL-6042R h2 | EL-6043R h3

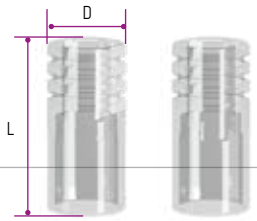
TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5

Casting cylinders for titanium bases

L	D
4.2	9.1

Material: Plexiglass



EL-DGCAST
NON ROTATING

EL-DGCAST/R
ROTATING

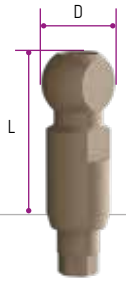
Non rotating scan body

Available for EXOCAD, 3SHAPE and DENTALWINGS - Includes prosthetic screw BL-5052HX

L	L1	D	item#
11.7	-	4.8	EL-6040P

TIGHTENING: with torque ratchet 25 Ncm

Material: PEEK



EL-6040P
PEEK

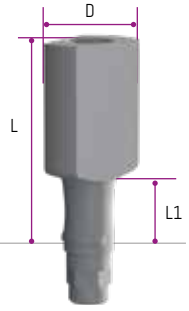
Intra-oral scan body

Available for EXOCAD, 3SHAPE and DENTALWINGS - Includes a prosthetic screw

L	L1	D	item#
12	4	6	EL-6070

TIGHTENING: with torque ratchet 15 Ncm

Material: Titanium with anti scatter coating



EL-6070
Titanium

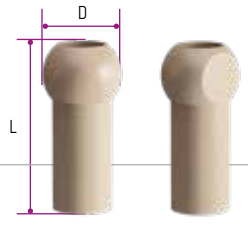
Scan cap

Available for EXOCAD, 3SHAPE and DENTALWINGS - Includes prosthetic screw EL-SCANSCREW

L	D
12	5.6

TIGHTENING: with torque ratchet 15 Ncm

Material: PEEK



EL-6044PR
PEEK
per basi
EL-6041R
EL-6042R
EL-6043R

EL-6044P
PEEK
per basi
EL-6041
EL-6042
EL-6043

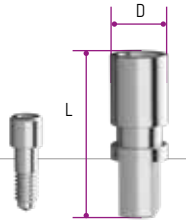
Digital scan analog

Available for EXOCAD, 3SHAPE and DENTALWINGS - Included prosthetic screw DG-SCREW

L	D
11.5	4

TIGHTENING: with torque ratchet 20 Ncm

Material: Titanium grade 5



DG-SCREW
included

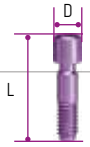
EL-DG5143

Internal prosthetic screw

L	D	item#
10	2.5	BL-5052HX

TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5



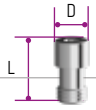
BL-5052HX
Standard

Screw for scan cap

L	D
7.5	24

TIGHTENING: with torque ratchet 15 Ncm

Material: Titanium grade 5



EL-SCANSCREW

MUA scan

Available for EXOCAD, 3SHAPE and DENTALWINGS - includes bridge screw BL-6051

L	D
10	5.2

TIGHTENING: with torque ratchet 15 Ncm

Material: PEEK

EL-MUASCANP
PEEK

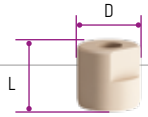
Short MUA scan

Available for EXOCAD, 3SHAPE and DENTALWINGS - includes bridge screw BL-6051

L	D
5	5.2

TIGHTENING: with torque ratchet 15 Ncm

Material: PEEK



EL-MUASCANS
PEEK

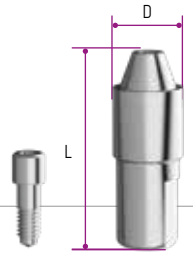
3D MUA analog

Available for EXOCAD, 3SHAPE and DENTALWINGS - Includes prosthetic screw DG-SCREW

L	D
14	5

TIGHTENING: with torque ratchet 20 Ncm

Material: Titanium grade 5



DG-SCREW included

EL-DG5146

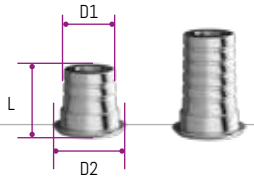
MUA bases

Available for EXOCAD, 3SHAPE and DENTALWINGS - Includes prosthetic screw BL-6051

L	D1	D2	item#
5	4	5.8	EL-DG4526S
8			EL-DG4526L

TIGHTENING: with torque ratchet 15 Ncm

Material: Titanium grade 5



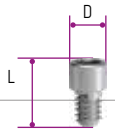
EL-DG4526S EL-DG4526L

Bridge screw

L	D
3.5	2

TIGHTENING: with torque ratchet 15 Ncm

Material: Titanium grade 5



BL-6051

SSR Scan Cap

Available for EXOCAD, 3SHAPE and DENTALWINGS - Includes prosthetic screw SSR-50.52

L	D1	D2
16	4.2	4.6

TIGHTENING: Bridge screw torque 15 Ncm

Material: PEEK

SSR-SCAN

Temporary abutments

EL CEC PEEK ø4.5 abutments

Includes prosthetic screw

L	D	C \ Fixture	item#
5.7	4.5	2	EL-4502P
		3	EL-4503P
		4	EL-4504P
		6	EL-4506P

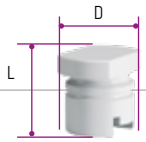
EL-4502P h2 | EL-4503P h3 | EL-4504P* h4 | EL-4506P* h6

TIGHTENING: with torque ratchet 25 Ncm

Material: PEEK

PEEK Abutment Impression Cap

L	D
6	6.5



EL-4547

Note: together with the EL-4547 Impression Cap, the EL temporary PEEK and titanium abutments can be used as closed tray impression transfers.

Material: PEEK

PEEK glue-on temp cap

L	D1	D2
7.8	3.59	4.5

EL-4543

Note: Together with the EL-4543 Temp-Cap, the EL temporary PEEK abutments can be used to temporarily stabilize a prosthesis.

Material: PEEK

*Uses the long screw EL-5052HXL

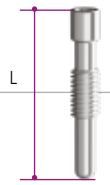
Abutment extractor screw

As the abutment extractor screw is driven in, it will push the abutment out of the analog or implant.

Prosthetic extractor

L
14.2

Material: Stainless steel

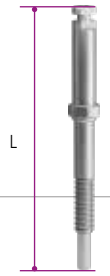


BL-6060

Latch driver prosthetic extractor

L
34.25

Material: Stainless steel

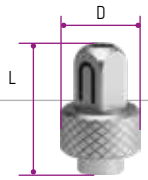


BL-6061

Finger/Ratchet adapter for latch drivers

L	D
8.61	8

Material: Stainless steel



CT-E7003

Finger Extractor

L	D
36	8

Material: Stainless steel

CT-9026

O-Ball attachment system

O-ball abutment and MUA driver

L	D1	D2
19.3	7.9	4.8

Material: Titanium grade 5

BL-0600

O-ball abutments

L	D	C \ Fixture	item#
3.7	4	1	BL-5641
		2	BL-5642
		3	BL-5643
		5	BL-5645

BL-5641 BL-5642 BL-5643 BL-5645

TIGHTENING: with torque ratchet 25 Ncm

Complete set includes:

1. O-Ring (Ref. MC-3005) 1 piece
2. Metal Housing (Ref. MCH-2)
3. O-Ball Abutment (Ref. BL-5641, BL-5642, BL-5643, BL-5645)

Material: Titanium grade 5

O-ball analog

L	D
11.5	4

Material: Titanium grade 5

BL-5144

Soft retention caps

L	D
3.5	4.7

Material: Titanium grade 5

o-ring	D
	44

Material: FDA Buna

MCH-1 soft
MC-3005B O-RING 5 pieces
MC-3005B/10 O-RING 10 pieces
MC-3005B/25 O-RING 25 pieces

Available in single packages: MCH-1
Available in packages of 4 caps: MCH-1/4

Medium and hard retention caps

L	D	item#
3.2	4.2	MCH-2
2.9	4	MCH-3

Material: Titanium grade 5

o-ring	D
	3.8

Material: FDA Buna

MCH-2 medium
MCH-3 hard
MC-3005 O-RING 5 pieces
MC-3005/10 O-RING 10 pieces
MC-3005/25 O-RING 25 pieces

Available in single packages: MCH-2, MCH-3
Available in packages of 4 caps: MCH-2/4, MCH-3/4

Intended use
Removable dentures retained by implants in the mandible and maxilla.

Characteristics
- The clinical process for the O-ball attachment is quick, easy and functional.
- The O-ring attachment is designed to virtually eliminate wear on the O-ball abutment and minimize the need for maintenance.
- 4 different gingival heights.
- 3 different grades of resistance provided by the combination of different o-rings and housings which offer the most suitable retention for each situation.

Note
Dual retention for optimal abutment-denture connection. Excellent long-term performance due to wear resistant components.

STEP 1
Screw the spherical abutment into the implant using the torque ratchet (25 Ncm) and the driver (ref. BL-0600).

STEP 2
Rebase the overdenture according to standard procedure.

STEP 3
Use a laboratory burr to relieve the denture base in the indicated areas.


1


2


3

Anchor abutment system

CE marked products by Rhein83

Smart Box Set

330SBE

335SBC
(complete set)

330SBE set includes:

1 Smart Box housing
1 Black positioning cap

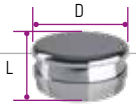
Complete 335SBC set includes:

1 Smart Box housing with black positioning cap (Ref. 330SBE)
2 Stainless steel housings (Ref. 141CAE)
1 Retentive caps - violet "strong" (Ref. 140CEV)
1 Retentive caps - white "standard" (Ref. 140CET)
1 Retentive caps - pink "soft" (Ref. 140CER)
1 Retentive caps - yellow "extra-soft" (Ref. 140CEG)

Metal housing 2 pieces

L	D
1.98	4.5

Material: Titanium grade 5



141CAE

Caps 4 pieces

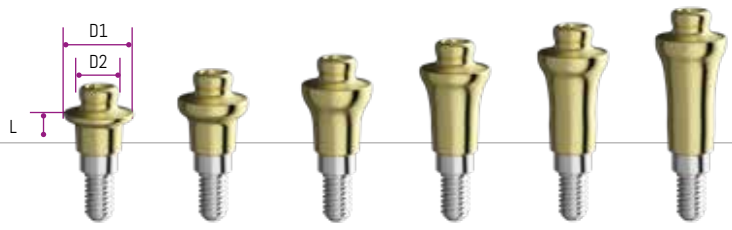
L	D
1.78	3.8

Material: 140CEV - kepital
140CET/140CER/140CEG - pebax

140CEV strong retention 2.7kg
140CET standard retention 1.8kg
140CER soft retention 1.2kg
140CEG extra-soft retention 0.6kg

Anchor abutment

L	D1	D2	item#
1	4.3	2.5	134BL1
2			134BL2
3			134BL3
4			134BL4
5			134BL5
6			134BL6



134BL1 h1
134BL2 h2
134BL3 h3
134BL4 h4
134BL5 h5
134BL6 h6

Complete set includes:

1 Anchor abutment (Ref. 134BL1, 134BL2, 134BL3, 134BL4, 134BL5)
1 Stainless steel housings (Ref. 141CAE)
1 Retentive caps - violet "strong" (Ref. 140CEV)
1 Retentive caps - white "standard" (Ref. 140CET)
1 Retentive caps - pink "soft" (Ref. 140CER)
1 Retentive caps - yellow "extra-soft" (Ref. 140CEG)
1 Processing caps - black (140CEN)

Material: Titanium grade 5

OT equator titanium scan abutment + titanium screw

Material: Titanium grade 5

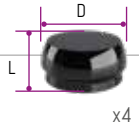
145SAE

Laboratory accessories

Processing caps - black 4 pieces

L	D
1.78	3.8

Material: Rilsan



140CEN

Impression coping 2 pieces

L	D
9	3.7

Material: Acetal

144MTE

Laboratory analog with screw for CAD/CAM ø4mm

Material: Titanium grade 5

144AVC4

Laboratory analog 2 pieces

L	D1	D2
15.6	4.3	2.5

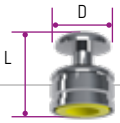
Material: Stainless steel AISI 303

144AE

Pull-off impression coping

L	D
5.5	4.6

Material: Stainless steel AISI 303

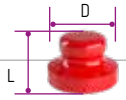


044CAIN

Castable cap

L	D
245	3.8

Material: Crystal polystyrene



151SS

Anchor system instruments

Metal insertion/extraction tool for caps

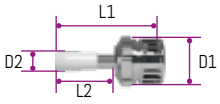
Material: Nylon and Stainless steel

485IC

OT-Equator square screw driver for abutment

L1	L2	D1	D2
17	10.5	9	3.5

Material: Stainless steel

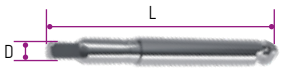


774CHE
square
1.25 mm

OT-Equator square latch driver for abutment

L	D
22	2.3

Material: Stainless steel



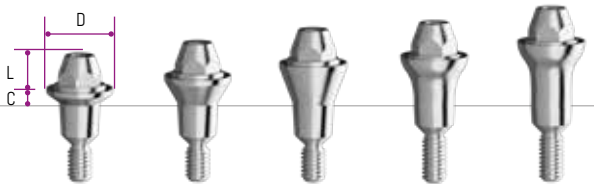
760CE

Full arch screw retained restorations

Full arch screw retained/Multi unit abutments can be used only with splinted full arch restorations and only with a minimum of 4 units.

Straight abutments

L	D	C	item#
2.5	5	1	BL-4750/1
		2	BL-4750/2
		3	BL-4750/3
		4	BL-4750/4
		5	BL-4750/5



BL-4750/1 h1 | BL-4750/2 h2 | BL-4750/3 h3 | BL-4750/4 h4 | BL-4750/5 h5

TIGHTENING: with torque ratchet 25 Ncm
Bridge screw torque 10 Ncm

Material: Titanium grade 5

17° angled abutments

Includes internal screw BL-5052MUA

L	D	C1	C2	G	item#
2.5	5.5	1	2.5	17°	BL-1750/1
		2	3.5		BL-1750/2
		3	4.5		BL-1750/3
		4	5.5		BL-1750/4
		5	6.5		BL-1750/5
		6	7.5		BL-1750/6

BL-1750/1 h1 | BL-1750/2 h2 | BL-1750/3 h3 | BL-1750/4 h4 | BL-1750/5 h5 | BL-1750/6 h6

Over angle

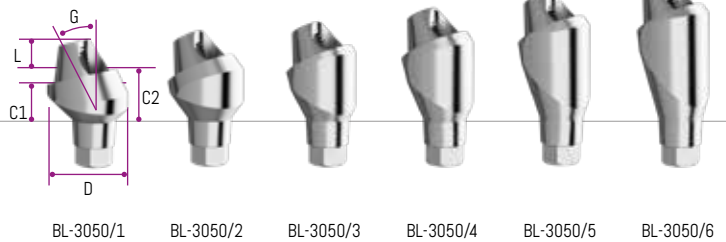
TIGHTENING: with torque ratchet 25 Ncm
Bridge screw torque 10 Ncm

Material: Titanium grade 5

30° angled abutments

Includes internal screw BL-5052MUA

L	D	C1	C2	G	item#
2.5	5.5	1	3.5	30°	BL-3050/1
		2	4.5		BL-3050/2
		3	5.5		BL-3050/3
		4	6.5		BL-3050/4
		5	7.5		BL-3050/5
		6	8.5		BL-3050/6



BL-3050/1 h1 | BL-3050/2 h2 | BL-3050/3 h3 | BL-3050/4 h4 | BL-3050/5 h5 | BL-3050/6 h6

Over angle

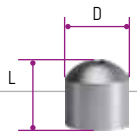
TIGHTENING: with torque ratchet 25 Ncm
Bridge screw torque 10 Ncm

Material: Titanium grade 5

Healing cap

L	D
5.7	5

Material: Titanium grade 5

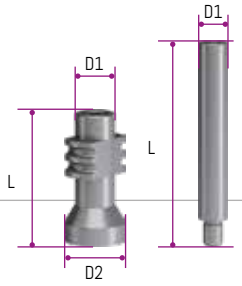


BL-7000

Open tray transfer Includes screw BL-7012

L	D1	D2	item#
10.5	4.2	5	BL-7011
15	2.1	-	BL-7012

Material: Titanium grade 5

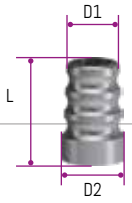


BL-7011 BL-7012 screw

Closed tray transfer

L	D1	D2
8	4.2	5

Material: Titanium grade 5

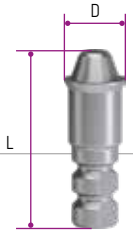


BL-7010

Multi-unit analog

L	D
14.7	5

Material: Titanium grade 5



BL-5146

Temporary titanium abutment Includes bridge screw BL-6051

L	D1	D2
12	3.5	5

TIGHTENING: with torque ratchet 15 Ncm

Material: Titanium grade 5

BL-4526

Castable abutment Includes bridge screw BL-6051

L	D1	D2
1245	3.3	4.6

TIGHTENING: with torque ratchet 15 Ncm

Material: Plexiglass

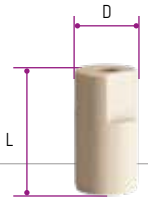
BL-5647

MUA scan Available for EXOCAD, 3SHAPE and DENTALWINGS - includes bridge screw BL-6051

L	D
10	5.2

TIGHTENING: with torque ratchet 15 Ncm

Material: PEEK



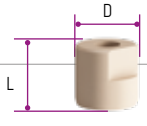
EL-MUASCANP
PEEK

Short MUA scan Available for EXOCAD, 3SHAPE and DENTALWINGS - includes bridge screw BL-6051

L	D
5	5.2

TIGHTENING: with torque ratchet 15 Ncm

Material: PEEK



EL-MUASCANS
PEEK

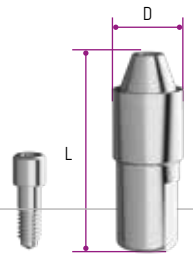
3D MUA analog

Available for EXOCAD, 3SHAPE and DENTALWINGS - Includes prosthetic screw DG-SCREW

L	D
14	5

TIGHTENING: with torque ratchet 20 Ncm

Material: Titanium grade 5



DG-SCREW included

EL-DG5146

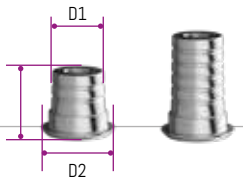
MUA bases

Available for EXOCAD, 3SHAPE and DENTALWINGS - Includes prosthetic screw BL-6051

L	D1	D2	item#
5	5.8	4	EL-DG4526S
8			EL-DG4526L

TIGHTENING: with torque ratchet 15 Ncm

Material: Titanium grade 5



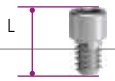
EL-DG4526S EL-DG4526L

Bridge screw

L	D
3.5	2

TIGHTENING: with torque ratchet 15 Ncm

Material: Titanium grade 5



BL-6051

Internal prosthetic screw

For angled MUA

L	D
8.6	2.2

TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5

BL-5052MUA

Screw driver for MUA angled abutments

Material: Titanium grade 5

BL-7013

O-ball, MUA and SSR abutments driver

L	D1	D2
19.3	7.9	4.8

Material: Stainless steel

BL-0600

Screw retained restorations

STEP 1
Fabricate the stone model including analogs and gingival mask.

STEP 2
Place and screw the castable abutments onto the protruding multi-unit analogs.
Shorten the cylinders down to the height of the occlusal plane.

STEP 3
Remove the gingiva modeling material to permit easy access for submucosal contouring and verification of component seating. Wax-up the bridge framework to appropriate dimensions. The layer of wax must have sufficient thickness to avoid the wrong coefficient of thermal expansion and a negative effect on porcelain firing.

STEP 4
Prepare the wax-up for investing and casting procedures.

STEP 5
Attach the resulting framework to the models and create final prosthesis.

STEP 6
Passively fit the resulting prosthesis onto the abutments.


1


2


3


4


5


6

Multi-unit screw retained abutment drill guide

Intended use

This drill guide facilitates the placement of the implants at the correct angulations which helps assure that the final position of the multi-unit abutment will be perpendicular to the patient's jaw.

Characteristics

- Durable titanium construction.
- Adjustable and foldable, allowing to be parallel to and follow the contour of the crestal bone.
- Sterilizable.

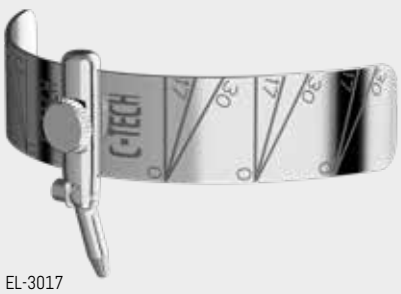
STEP 1
Make a 2.0 pilot hole in order to place the guide pin.

STEP 2
After placement of the guide pin into the drilled site, the angle and position of the guide band can be adjusted to be parallel to the crestal bone.

STEP 3
The titanium band can be bent in order to follow the arch of the crestal bone.

STEP 4
Three different angulations are indicated on the outside of the guide, 0°, 17° and 30°. These angulations match the angulations of the different C-TECH multi-unit screw retained abutments.

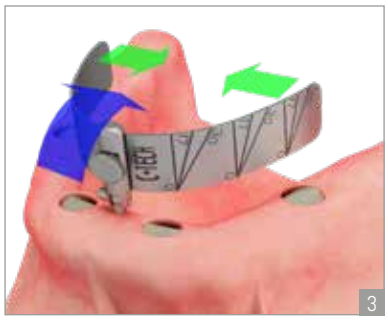
STEP 5
Placement of the screw retained abutments.



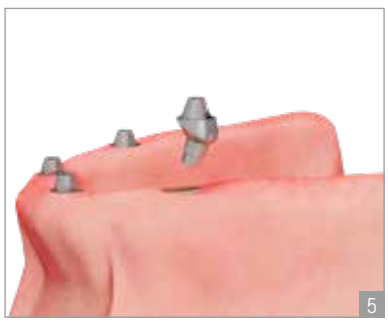
EL-3017


1


2


3


4


5

Closed tray technique

Patient procedure

STEP 1
Remove the healing abutments.

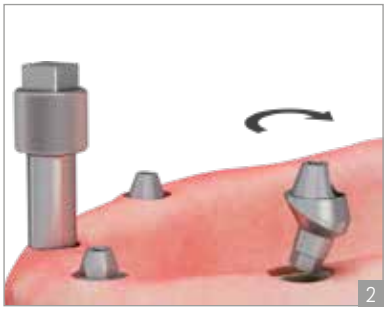
STEP 2
Screw the abutment into the implant.

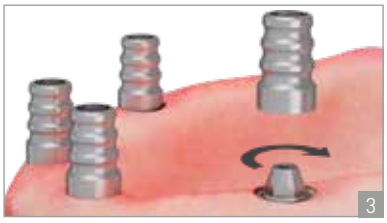
STEP 3
Screw each closed tray transfer onto the protruding abutments.

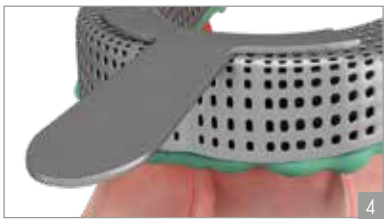
STEP 4
Take the impression using an elastomeric impression material (polyvinyl siloxan or polyether rubber).

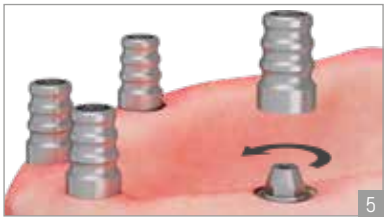
STEP 5
Remove the closed tray transfer from the abutment.

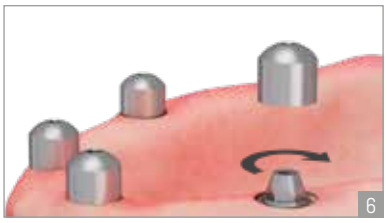
STEP 6
Screw onto the abutments the healing cap screws so as to keep the soft tissue in place until the final prosthesis is completed.











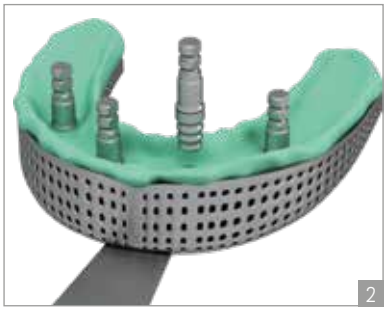
Laboratory procedure

STEP 1
Screw the closed tray transfer onto the analog.

STEP 2
Reposition the transfer into the previously taken impression material being sure that the transfers are properly seated.

STEP 3
Master model.


1

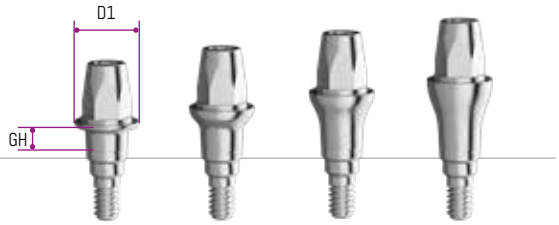

2


3

Single unit and bridge screw retained restorations

Single unit and bridge screw retained abutments are intended for restorations which are less than a full arch. The low profile, conical abutments provide that support necessary for a single unit while facilitating the fitting of a multi unit bridge.

SSR Abutment



SSR-4710 SSR-4720 SSR-4730 SSR-4740

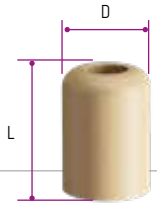
GH	D	item#
1	4.6	SSR-4710
2		SSR-4720
3		SSR-4730
4		SSR-4740

TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5

SSR Comfort Cap

Includes prosthetic screw SSR-50.52



SSR-CAP

L	D
6.5	4.5

TIGHTENING: with torque ratchet 15 Ncm

Material: PEEK

SSR Transfer

Includes prosthetic screw SSR-50.52

SSR-POST

L	D1	D2
9.3	2.89	4.6

Material: Titanium grade 5

SSR Scan Cap

Available for EXOCAD, 3SHAPE and DENTALWINGS - Includes prosthetic screw SSR-50.52

SSR-SCAN

L	D1	D2
16	4.2	4.6

TIGHTENING: with torque ratchet 15 Ncm

Material: PEEK

SSR Analog

L	D
12	4.6

Material: Titanium grade 5

SSR-AN

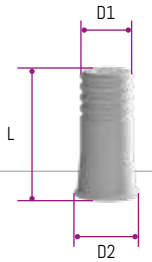
SSR Casting Cylinder

The complete set includes prosthetic screw SSR-50.52

L	D1	D2
9	3.7	4.6

TIGHTENING: with torque ratchet 15 Ncm

Material: Acrylic



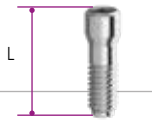
SSR-CAST

SSR Bridge screw

L
6.8

TIGHTENING: with torque ratchet 15 Ncm

Material: Titanium grade 5



SSR-50.52

O-ball, MUA and SSR abutments driver

L	D1	D2
19.3	7.9	4.8

Material: Titanium grade 5

BL-0600

Bar system

Multi-unit analog

L	D
14.7	5

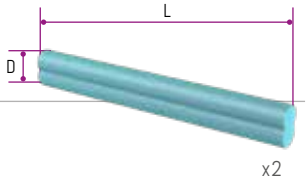
Material: Titanium grade 5

BL-5146

OT-Bar

L	D
23	2

Material: Polystyrene Shockproof ABS

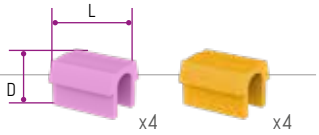


0220BB

Clip Set includes 4 pcs

L	D	item#
5	3	027CRR
		027CRG

Material: Rylsan



026CRR Soft

027CRG Medium

Castable abutment Includes bridge screw BL-6051

L	D1	D2
1245	3.3	4.6

TIGHTENING: with torque ratchet 15 Ncm

Material: Plexiglass

BL-5647

STEP 1
Place the castable multi-unit abutments on the analogs and tighten the bridge screws.

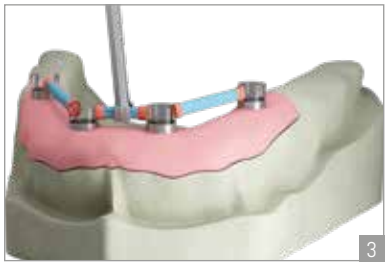
STEP 2
Make height adaptations according to the individual situation.

STEP 3
Use a residue-free burn-out plastic to fix the bar segments to the castable abutments.

STEP 4
The clips are fixed into the prosthesis.


1


2


3


4

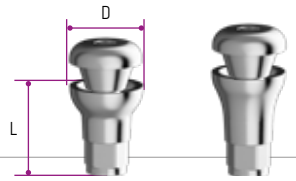
One Time System

Titanium healing abutment

L	D	C / Fixture	item#
5.5	4.5	2	EL-ONE TIME GS2
6.5		3	EL-ONE TIME GS3

TIGHTENING: with torque ratchet 10 Ncm

Material: Titanium grade 5



EL-ONETIME GS2 h2 EL-ONETIME GS3 h3

ONE TIME Cover screw

Material: Titanium grade 5

EL-ONETIME-CS

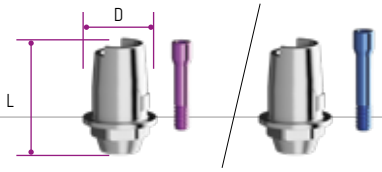
Titanium Base Includes prosthetic screw

L	D
6.75	4.5

TIGHTENING: with torque ratchet 25 Ncm

Note: The height of the base does not change, only the height of the screw varies

Material: Titanium grade 5



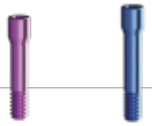
EL-ONETIME-BASE2 must be used with EL-ONETIME GS2

EL-ONETIME-BASE3 must be used with EL-ONETIME GS3

Internal prosthetic screws

TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5

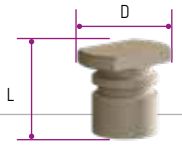


EL-ONETIME-S2 EL-ONETIME-S3

Transfer cap

L	D
6.5	8

Material: PEEK

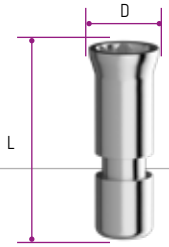


EL-ONETIME-CAP

Laboratory analog

L	D
12.5	4.5

Material: Titanium grade 5



EL-ONETIME-LAB

Holder

EL-ONETIME-HOLDER

ONE TIME Digital Analog

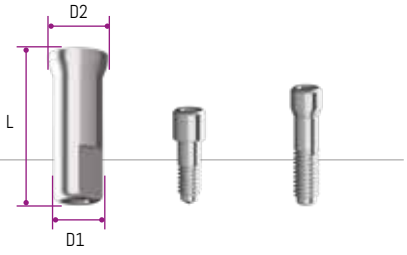
Available for EXOCAD, 3SHAPE and DENTALWINGS -
Includes screws: DG-SCREW and BL-5052MUA

L	D1	D2
11.5	3.7	4.5

TIGHTENING: Bridge screw torque 20 Ncm

Material: Titanium grade 5

NOTE: AVAILABLE FROM SEPTEMBER 2022



EL-ONETIME-DG

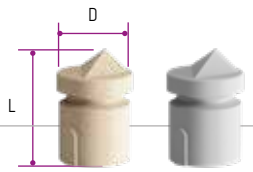
DG-SCREW
included

BL-5052MUA
included

Scan cap for CEREC® bases

L	D
6.55	4.8

Material: Plastic



BL-6047/1
for Omnicam

BL-6047/2
for Bluecam

Surgical protocol

STEP 1
The Gingival sleeve is placed in the implant and fastened into the implant with the fixation screw.(25NCM)
The top of the sleeve will be approx. 1mm beneath the top of the gingiva.

STEP 2
The cover screw will be placed and tightened into the gingival sleeve finishing at a level flush with the top of the gingival. (10NCM)

STEP 3
During the healing process, the gingival will close around and attach itself to the gingival sleeve.


1


2


3

Prosthetic protocol

STEP 1
Once healed, the cover of the gingival sleeve is removed and the base is placed into the gingival sleeve.
The base is fastened into the gingival sleeve with the fixation screw (25NCM)

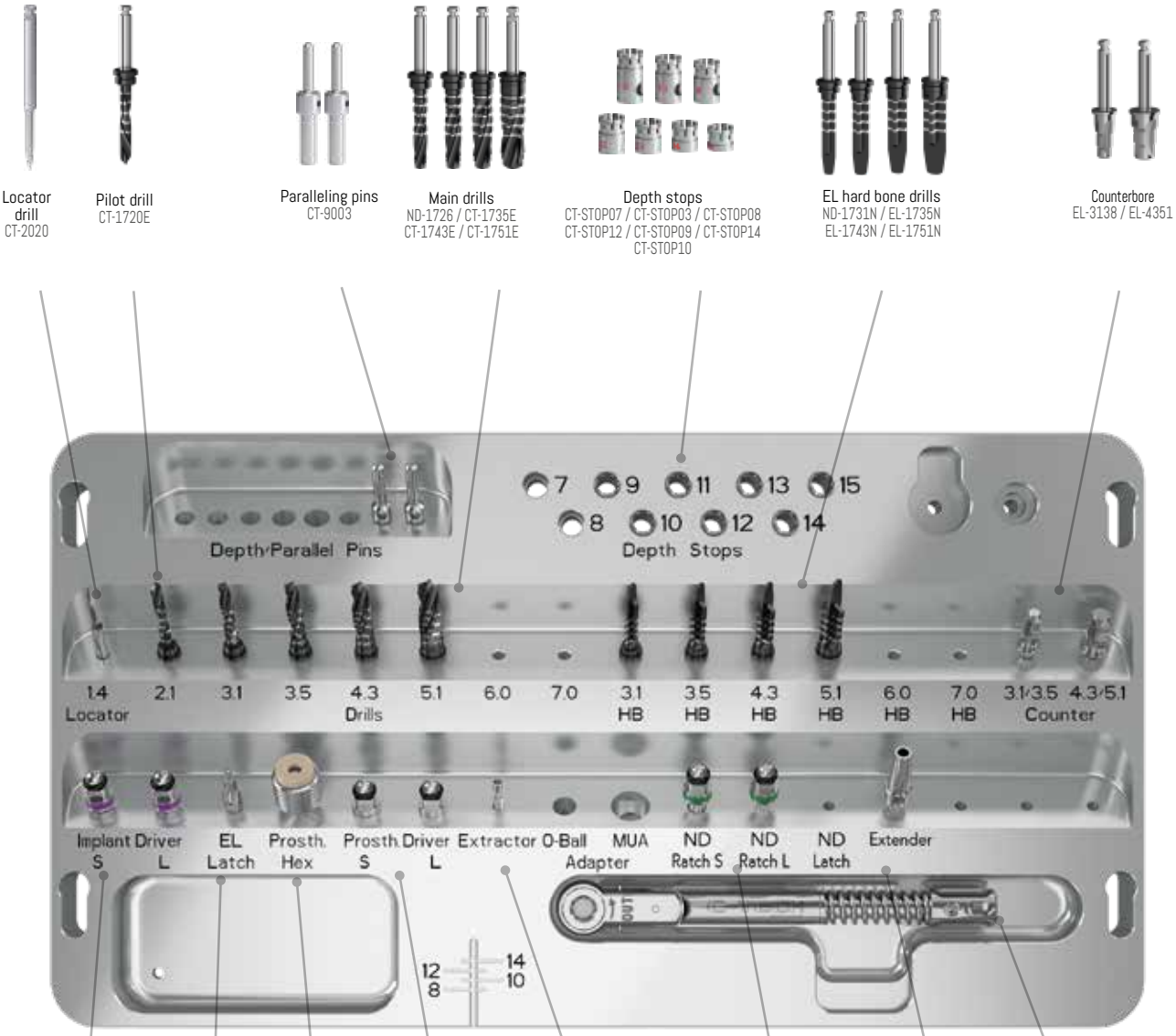
STEP 2
The reconstruction is made onto the base with no need to remove the gingival sleeve.


1


2

Surgical Kit

EL-SUR.KIT.01



Locator drill
CT-2020

Pilot drill
CT-1720E

Paralleling pins
CT-9003

Main drills
ND-1726 / CT-1735E
CT-1743E / CT-1751E

Depth stops
CT-STOP07 / CT-STOP03 / CT-STOP08
CT-STOP12 / CT-STOP09 / CT-STOP14
CT-STOP10

EL hard bone drills
ND-1731N / EL-1735N
EL-1743N / EL-1751N

Counterbore
EL-3138 / EL-4351

EL/BL implant ratchet
BL-E7001
BL-E7001L

Implant latch
BL-E9040

Hex driver
CT-9025S

Prosthetic ratchet
CT-8051
CT-8052

Extractor
BL-6060

ND implant ratchet
ND-E7001
ND-E7001L

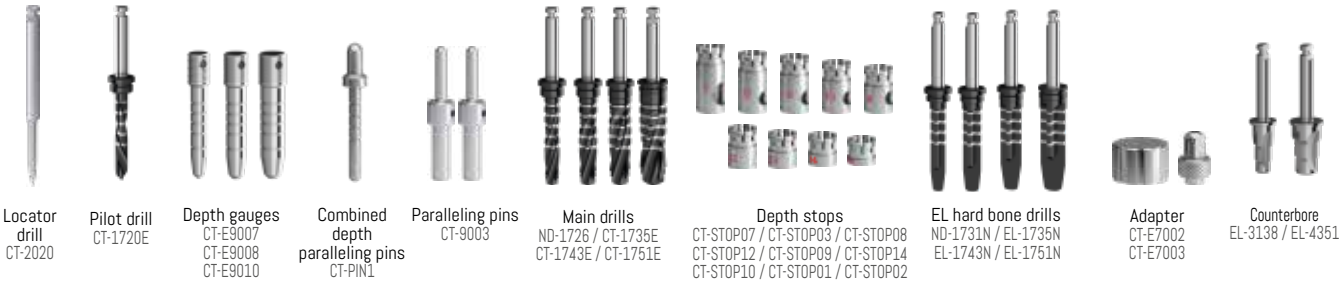
Drill extender
CT-2000

Torque wrench
CT-8010

Elements not included in the kit can be purchased separately.

Metal Kit

METALKIT03



Locator drill
CT-2020

Pilot drill
CT-1720E

Depth gauges
CT-E9007
CT-E9008
CT-E9010

Combined depth paralleling pins
CT-PIN1

Paralleling pins
CT-9003

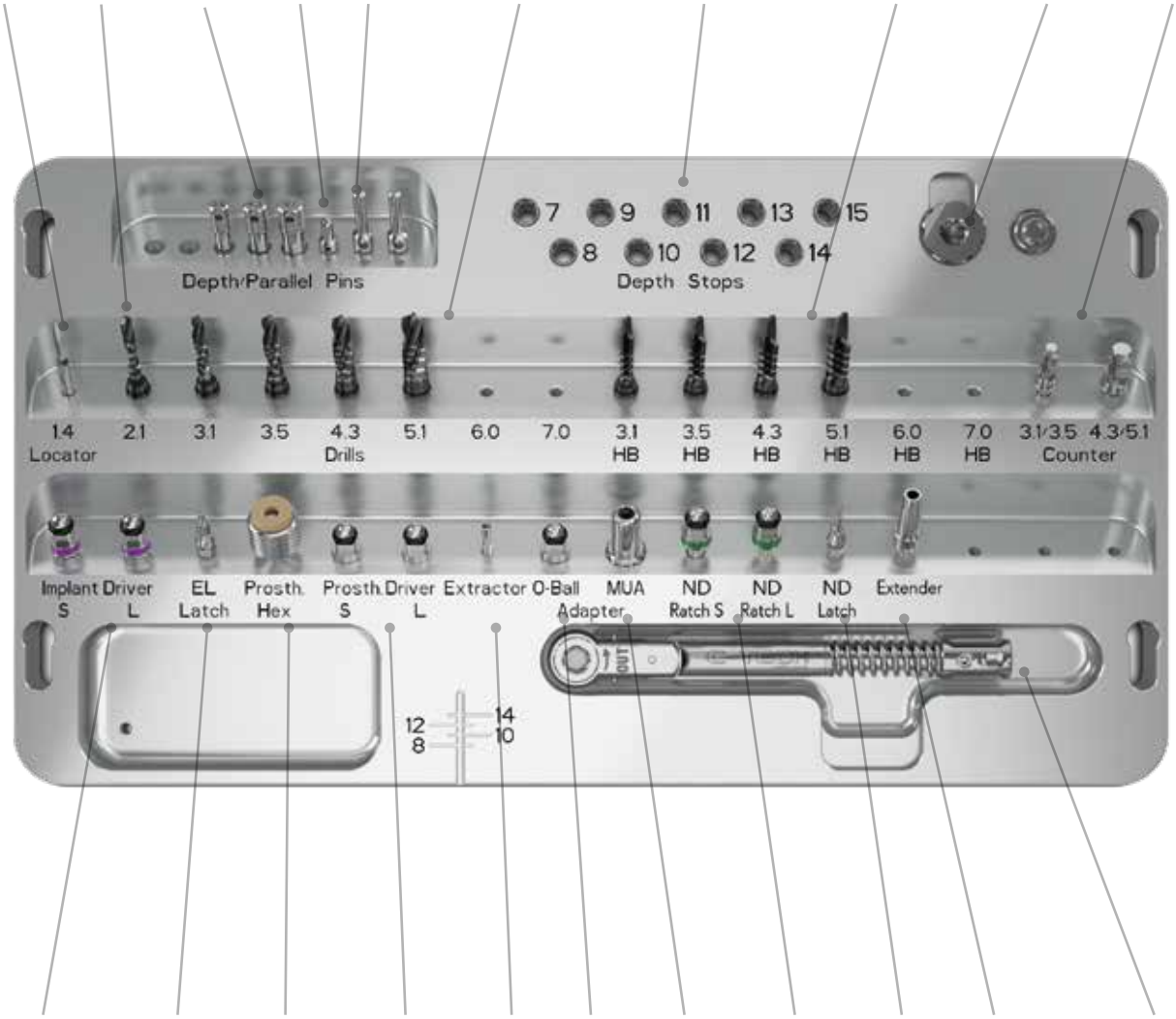
Main drills
ND-1726 / CT-1735E
CT-1743E / CT-1751E

Depth stops
CT-STOP07 / CT-STOP03 / CT-STOP08
CT-STOP12 / CT-STOP09 / CT-STOP14
CT-STOP10 / CT-STOP01 / CT-STOP02

EL hard bone drills
ND-1731N / EL-1735N
EL-1743N / EL-1751N

Adapter
CT-E7002
CT-E7003

Counterbore
EL-3138 / EL-4351



EL/BL implant ratchet
BL-E7001
BL-E7001L

Implant latch
BL-E9040

Hex driver
CT-9025S

Prosthetic ratchet
CT-8051
CT-8052

Extractor
BL-6060

ND O-ball driver
MC-3003M

EL MUA and O-ball driver
BL-0600

ND implant ratchet
ND-E7001
ND-E7001L

ND Implant latch
ND-E9040

Drill extender
CT-2000

Torque wrench
CT-8010

The Drills CT-1760E, CT-1770E, EL-1760N and EL-1770N are not included in the kit but can be purchased separately.

EL Prosthetic Kit

PRSKIT01

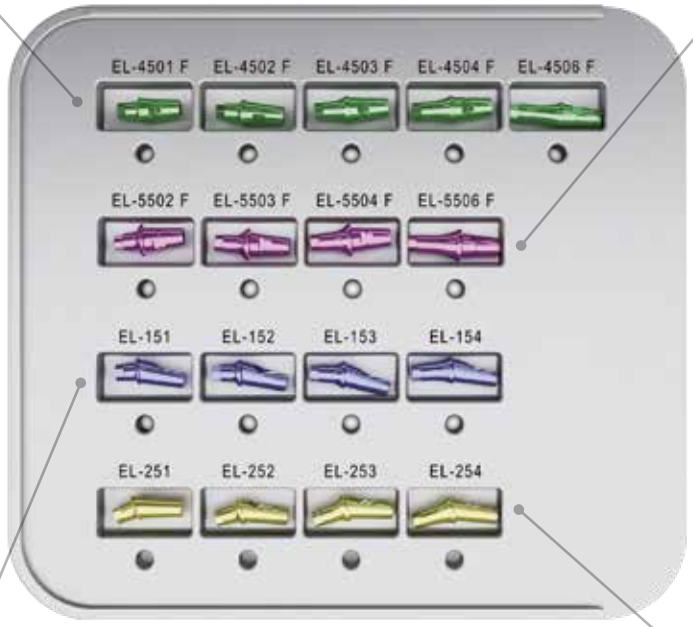
*Prosthetic parts are not included in the kit

EL Planning Kit

PLANKIT01

ø 4.5 straight planning abutments
EL-401 / EL-402
EL-403 / EL-404 / EL-406

ø 5.5 straight planning abutments
EL-502 / EL-503
EL-504 / EL-506



15° angled planning abutments
EL-1501 / EL-1502
EL-1503 / EL-1504

25° angled planning abutments
EL-2501 / EL-2502
EL-2503 / EL-2504

Drill Stop Kit

STOPKIT00: Emtpy/No Contents

STOPKIT01 Contents

Stop L.6 - CT-STOP06
Stop L.7 - CT-STOP02
Stop L.8 - CT-STOP01
Stop L.9 - CT-STOP07
Stop L.10 - CT-STOP03
Stop L.11 - CT-STOP08
Stop L.12 - CT-STOP12
Stop L.13 - CT-STOP09
Stop L.14 - CT-STOP14
Stop L.15 - CT-STOP10

Bone Expander Kit

OSTKIT01

Kit Contents

Ratchet
Ratchet extender
Latch driver adapter
Locator drill
14 mm Drill
2.0 mm Osteotome
2.3 mm Osteotome
2.6 mm Osteotome
3.1 mm Osteotome
3.3 mm Osteotome
3.8 mm Osteotome
4.0 mm Osteotome
4.2 mm Osteotome
4.5 mm Osteotome

Healing Screw Organizer

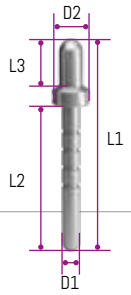
SCREWBOX00: Emtpy/No Contents

Instruments

Combined depth paralleling pins

L1	L2	L3	D1	D2
23.5	16.5	5.5	1.9	2.5

Material: Titanium grade 5

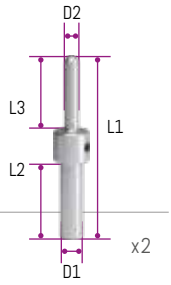


CT-PIN1
1.9 mm
2.5mm

Paralleling pin

L1	L2	L3	D1	D2
24.2	14.2	10.2	2	2.6

Material: Titanium grade 5

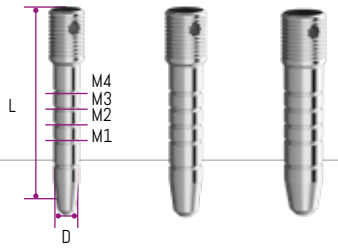


CT-9003
1.6 mm
2.0mm

Depth gauges

L	D	M1	M2	M3	M4	item#
18.5	3	7	9	11	13	CT-E9007
	3.8					CT-E9008
	4.6					CT-E9010

Material: Titanium grade 5

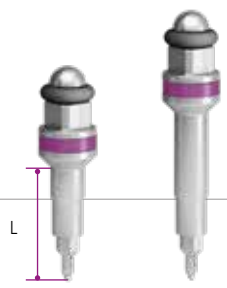


CT-E9007 CT-E9008 CT-E9010

Implant ratchet drivers With retention

L	item#
10.8	BL-E7001
17.8	BL-E7001L

Material: Stainless steel

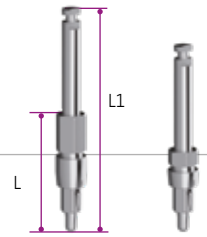


BL-E7001 BL-E7001L

Implant latch With retention

L	L1	item#
16	30	BL-E9040L
11.8	25.15	BL-E9040

Material: Stainless steel

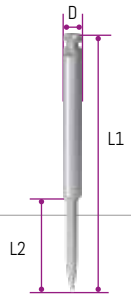


BL-E9040L BL-E9040

Locator drill

L1	L2	D
29	15	1.6

Material: Stainless steel

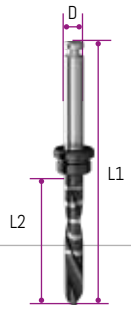


CT-2020

Pilot drill

L1	L2	D
35.2	17.2	2.1

Material: Stainless steel



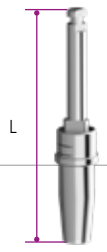
CT-1720E

Drill extender

L
25

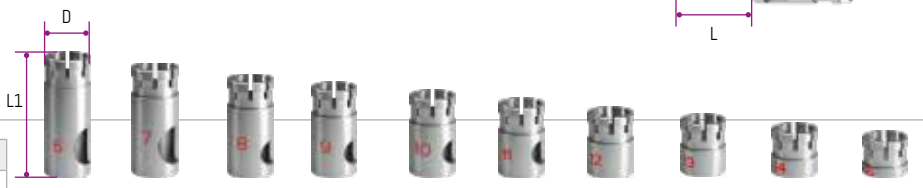
Note: This item is intended as a drill extender and will not support more than 40Ncm. It is not intended as an implant driver extension.

Material: Stainless steel



CT-2000

Stops



CT-STOP06 Stop L.6 | CT-STOP02 Stop L.7 | CT-STOP01 Stop L.8 | CT-STOP07 Stop L.9 | CT-STOP03 Stop L.10 | CT-STOP08 Stop L.11 | CT-STOP12 Stop L.12 | CT-STOP09 Stop L.13 | CT-STOP14 Stop L.14 | CT-STOP10 Stop L.15

L1	L	D	item#
13.1	6.4	5.2	CT-STOP06
12.1	7.4		CT-STOP02
11.1	8.4		CT-STOP01
10.1	9.4		CT-STOP07
9.1	10.4		CT-STOP03
8.1	11.4		CT-STOP08
7.1	12.4		CT-STOP12
6.1	13.4		CT-STOP09
5.1	14.4		CT-STOP14
4.1	15.4		CT-STOP10

Intended use: Main drills diameter 2.1 mm, 3.5 mm, 4.3 mm.

Material: Titanium grade 5

Stops XL

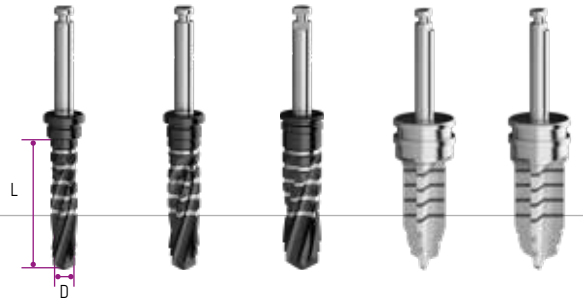
XLSTOP-07 Tope L.07 | XLSTOP-08 Tope L.08 | XLSTOP-10 Tope L.10 | XLSTOP-12 Tope L.12

L1	L	D	item#
9.4	7.4	8.3	XLSTOP-07
8.4	8.4		XLSTOP-08
6.4	10.4		XLSTOP-10
4.4	12.4		XLSTOP-12

Intended use: Main drills diameters 6 mm and 7 mm.

Material: Titanium grade 5

Main drills

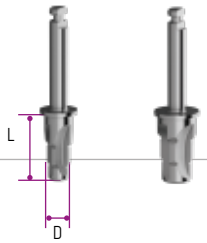


CT-1735E | CT-1743E | CT-1751E | CT-1760E | CT-1770E

L	D \ Fixture	item#
19.2	3.3	CT-1735E
	4	CT-1743E
	4.8	CT-1751E
17	6.0	CT-1760E
	6.5	CT-1770E

Material: Stainless steel

Counterbore



EL-3138 | EL-4351

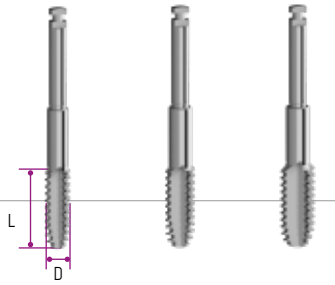
L	D \ Fixture	item#
27.5	3.1	EL-3138
	4.3	EL-4351

Material: Titanium grade 5

Bone Taps

L	D \ Fixture	codice#
12	3.8	EL-TAP38
	4.3	EL-TAP43
	5.1	EL-TAP51

Material: Stainless steel

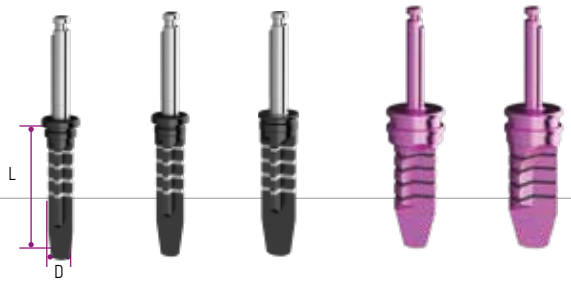


EL-TAP38 EL-TAP43 EL-TAP51

Hard bone drills

L	D \ Fixture	item#
18.66	345	EL-1735N
	4.1	EL-1743N
	4.9	EL-1751N
16.7	5.7	EL-1760N
	6.75	EL-1770N

Material: Titanium grade 5



EL-1735N EL-1743N EL-1751N EL-1760N EL-1770N

Hex drivers

L	item#
9.8	CT-9025XS
26	CT-9025S
32	CT-9025

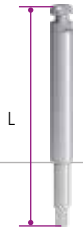
Material: Stainless steel

CT-9025XS CT-9025S CT-9025

Prosthetic latch driver

L
26.5

Material: Stainless steel

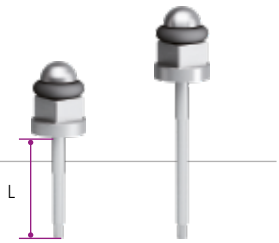


BL-9019

Torque wrench attachments

L	item#
12.5	CT-8051
18.5	CT-8052

Material: Stainless steel

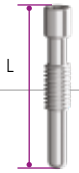


CT-8051 CT-8052

Prosthetic extractor

L
14.2

Material: Stainless steel

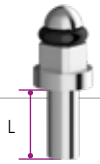


BL-6060

ND O-ball driver

L
8

Material: Stainless steel



MC-3003M

Latch driver prosthetic extractor

L
34.25

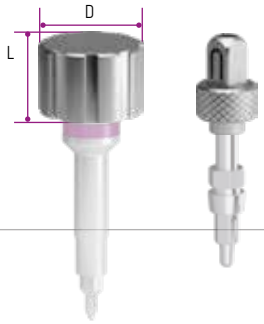
Material: Stainless steel

BL-6061

Finger adapter

L	D	item#
5.8	12.7	CT-E7002
8.61	8	CT-E7003

Material: Stainless steel



CT-E7002
for ratchet drivers

CT-E7003
for latch drivers

Torque wrench 50Ncm

Material: Stainless steel

CT-8010

Site preparation D2/D3

*Depth: Minimum 1mm deeper than the length of implant to allow for subcrestal seating.
To avoid bone overheating, set the cutting speed between 100 and 750rpm.
Note: an additional 0.4 mm must be added to the lenght of the drill due to the lenght of the cutting tip.

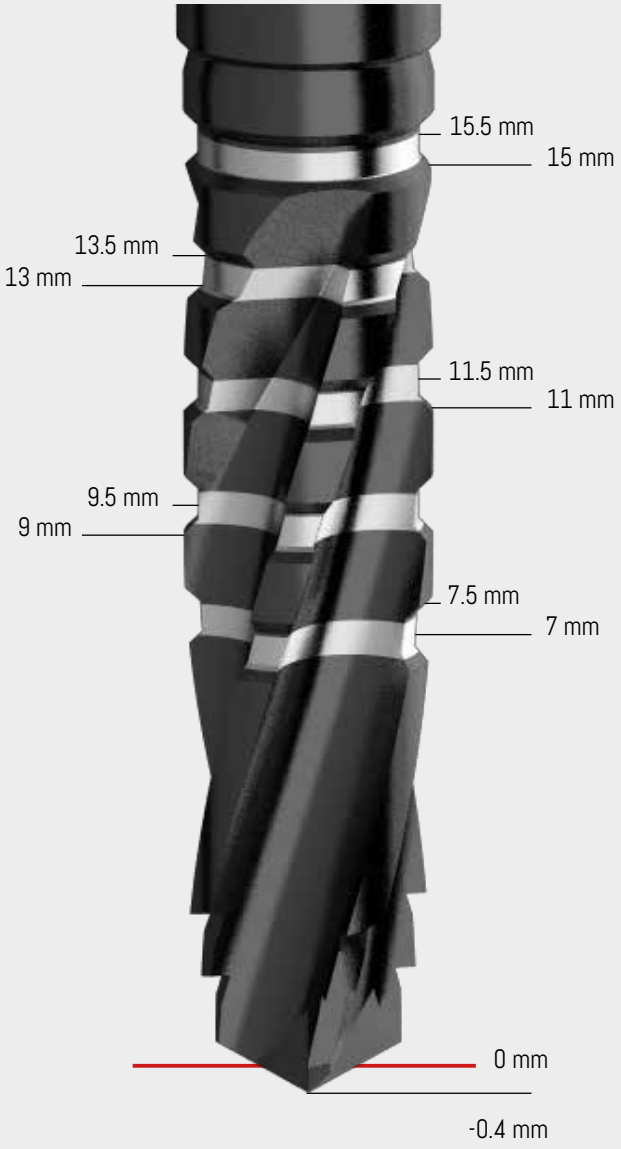
D1 additional steps

* To avoid bone overheating, set the cutting speed between 100 and 750rpm.

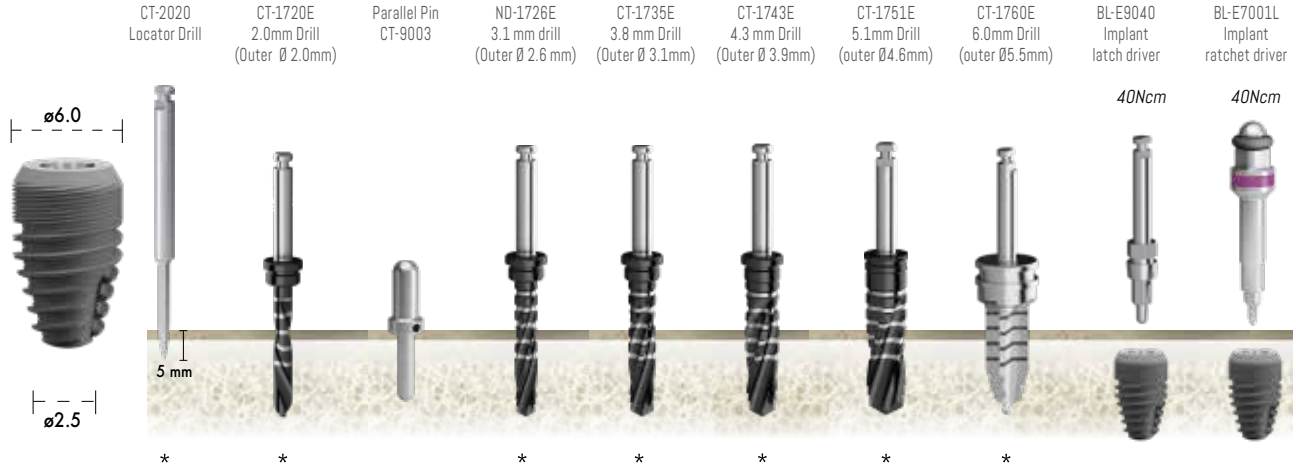
Note: Metal stoppers can not be mounted on ø 5.1 drills

Explanation of Drill Marking

- The drill markings do not include the point of the drill.
- The point of the drill is 0.4 mm long, thus the drill marking of 7 mm is actually 7.4 mm from the very tip to the bottom of the first black line.
- The implant should be set approximately 1 mm subcrestally, thus for a 13 mm implant, one should drill to the 14 mm. The use of metal stop is recommended.



Site preparation D2/D3



*Depth: Minimum 1mm deeper than the length of implant to allow for subcrestal seating.
To avoid bone overheating, set the cutting speed between 100 and 750rpm.
Note: an additional 0.4 mm must be added to the lenght of the drill due to the lenght of the cutting tip.

D1 additional steps

EL-1760N
6.0mm
hard bone drill

BL-E9040
Implant latch driver

40Ncm

*

EL-1770N
7.0mm
hard bone drill

BL-E9040
Implant latch driver

40Ncm

*

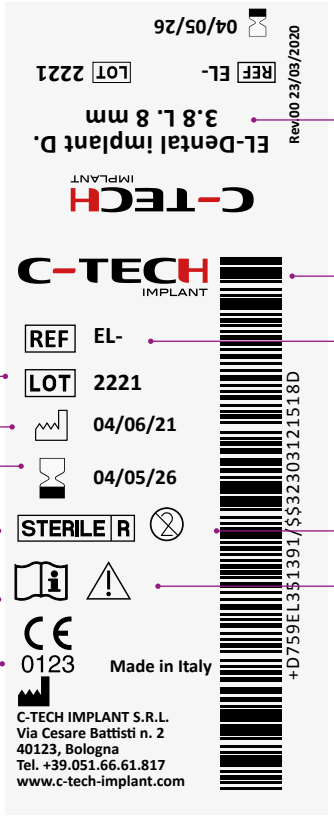
* To avoid bone overheating, set the cutting speed between 100 and 750rpm.

Note: Metal stoppers can not be mounted on ø 5.1 drills

Implant packaging

To ensure the highest level of security, our implants are placed into a double vial inside an airtight blister pack. Within the vials the implant is maintained upright by a titanium ring and supported at the implant apex by the titanium cover screw.

Implant labeling



Lot number

Production date

Expiration date

Sterilization with gamma rays

Read the instruction sheet

ISO and CE Certification by TÜV SÜD

Implant dimension

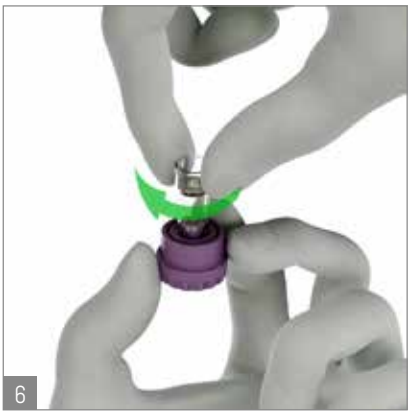
HIBC Health Industry Bar Code Format

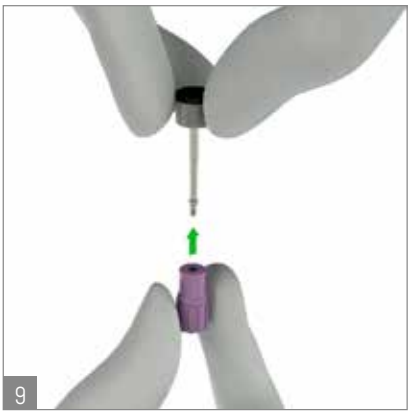
Implant code/reference

Single-use

The device must be use exclusively by the physician

Implant vial protocol





English version

REV.12 / 07-2022

C-TECH
CENTURY IMPLANT TECHNOLOGIES

Via Cesare Battisti n. 2 - 40123, Bologna - ITALY
Tel. +39 051 6661817 - info@c-tech-implant.com
www.c-tech-implant.com

Go to

c-tech-implant.com

Follow us

Facebook

Instagram

Linkedin