

EL

ESTHETIC
LINE
implant



C-TECH
IMPLANT

ESTHETIC LINE implant

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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 13485:2006/AC:207 and 93/42/EEC 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 25 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 length 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

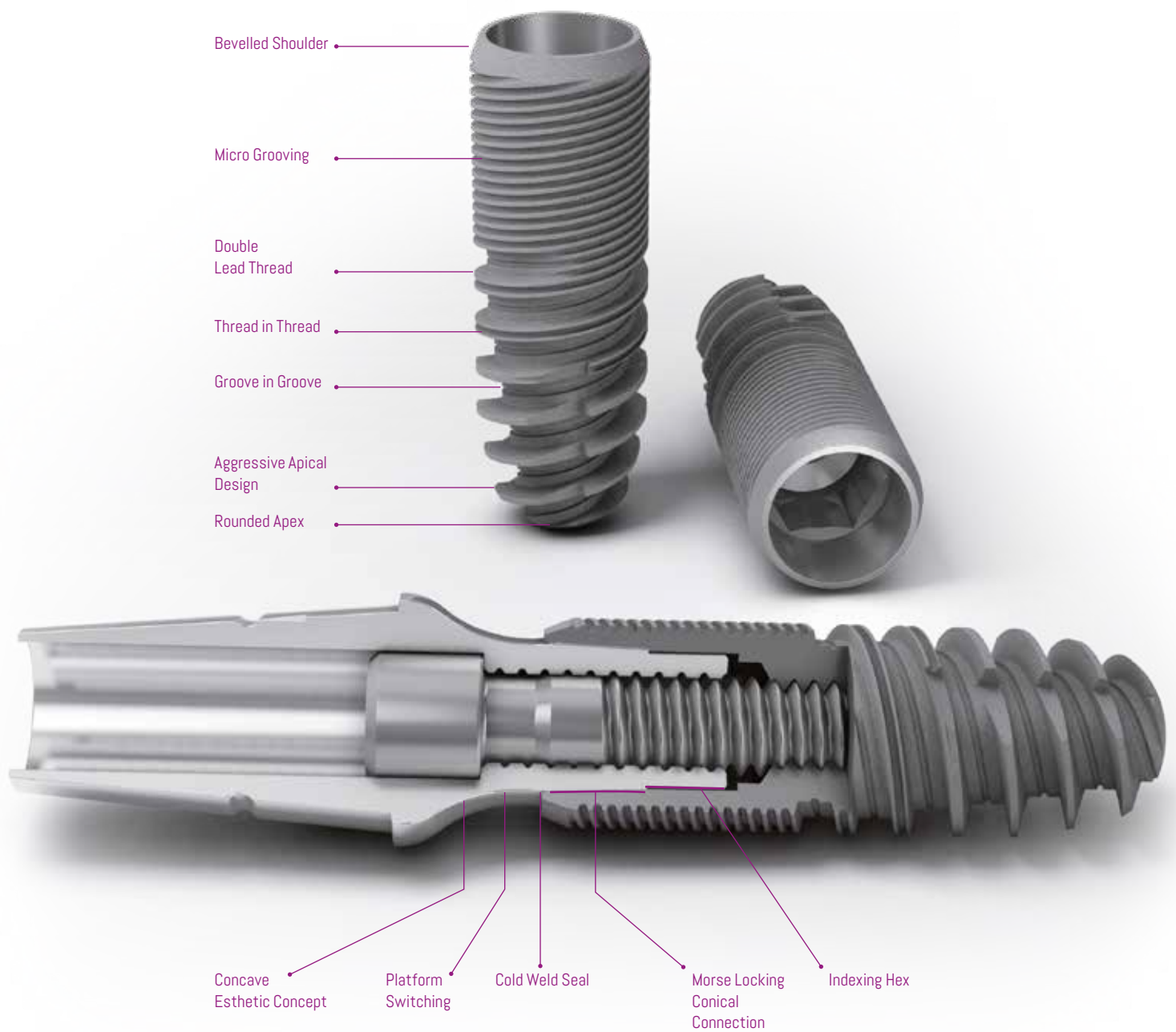
- Prevents bacterial infiltration of the implant/prosthetic connection and consequent bone loss

Morse locking conical connection

- Eliminates micro-movements
- Reduces the risk of screw loosening

Indexing hex

- Provides antirotational security



Purity and precision

Material purity and surface treatment

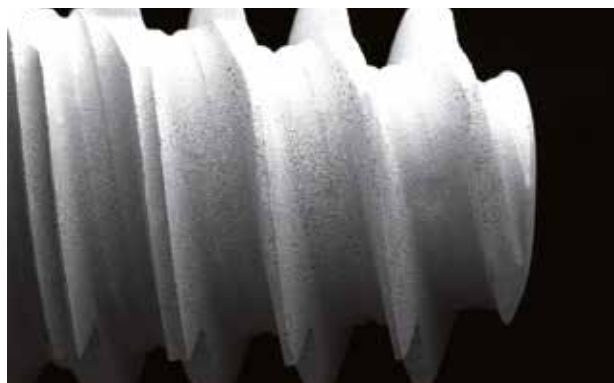
Material purity starts with the acquisition of raw material from only the most reliable sources of which each lot is accompanied by its own material certificate and is completely traceable at all phases of production and later use. The production facility in which all the implants and components are 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, TÜV 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 separate 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 available in its long form on the C-TECH website.



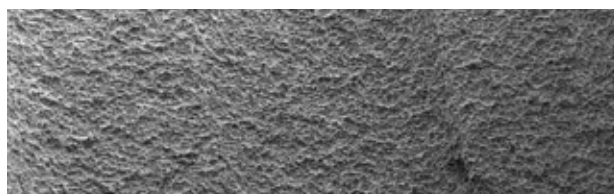
Magnification images 50x

200µm



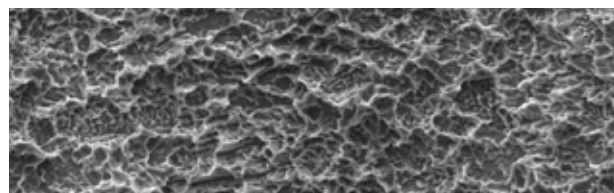
Magnification images 200x

100µm



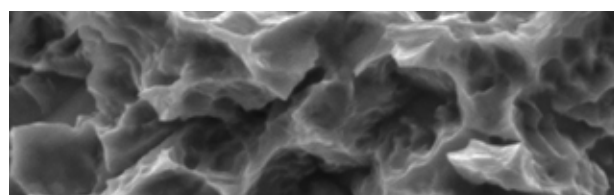
Magnification images 500x

20µm



Magnification images 3000x

10µm



Magnification images 20000x

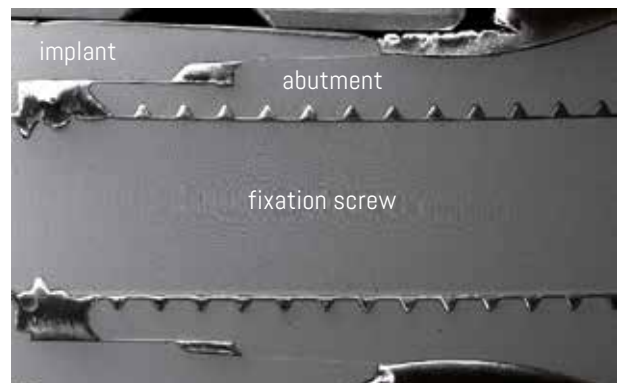
1µm

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.

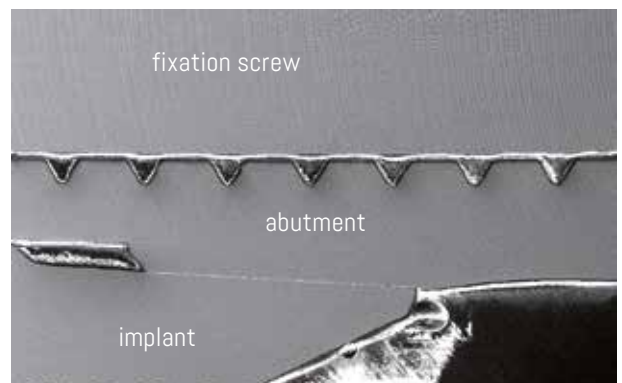
This mechanical fusion of the prosthetic part and the implant has 2 important benefits: prevention of the bacterial colonization of the gap, which can lead to bone loss around the implant; the elimination of micro-movements between the implant and abutment and the consequent screw loosening which can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



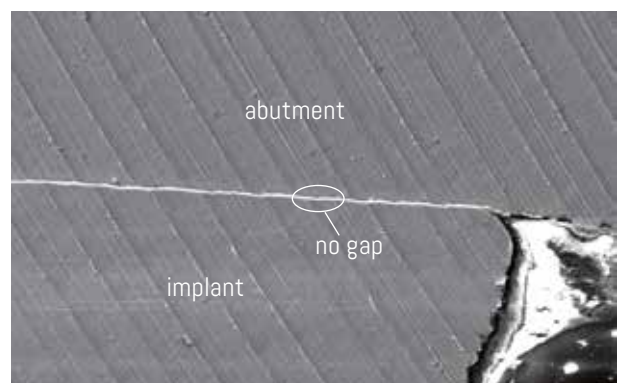
Magnification images 50x

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 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 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 implant ø6

G	6.0	6.0	6.0	6.0	6.0
A	7	8	10	12	14
B	2.3	2.5	2.5	2.5	2.5
C	1	1	1	1	1
D	1	2.0	2.0	2.0	2.0
E	5	5	7	9	11
F	1.0	1.0	1.0	1.0	1.0
H	3	3	3	3	3

Material: titanium grade 4



EL implant ø7

G	7.0	7.0	7.0	7.0	7.0
A	7	8	10	12	14
B	3.2	3.4	3.4	3.4	3.4
C	1	1	1	1	1
D	1	2.0	2.0	2.0	2.0
E	5	5	7	9	11
F	1.0	1.0	1.0	1.0	1.0
H	3	3	3	3	3

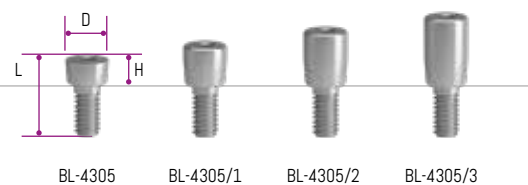
Material: titanium grade 4



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

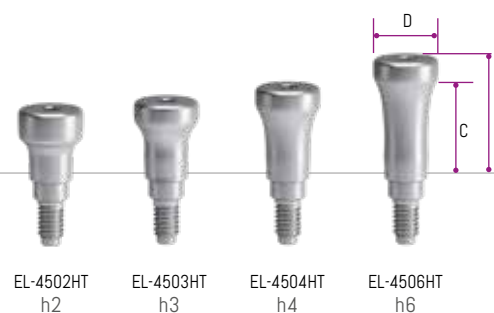


TIGHTENING: with torque ratchet 10 Ncm

Material: titanium grade 5

EL CEC titanium healing abutments $\varnothing 4.5$

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

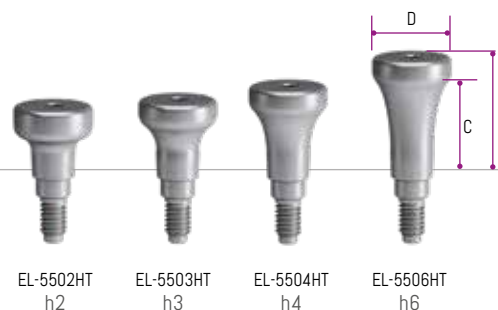


TIGHTENING: with torque ratchet 10 Ncm

Material: titanium grade 5

EL CEC titanium healing abutments $\varnothing 5.5$

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

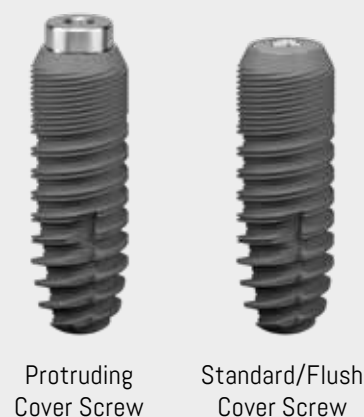


TIGHTENING: with torque ratchet 10 Ncm

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.



PEEK healing abutments

EL CEC PEEK healing abutments $\varnothing 4.5$ Includes prosthetic screw

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

TIGHTENING: with torque ratchet 10 Ncm

Material: PEEK

*Uses the long screw EL-5052HXL

EL CEC PEEK healing abutments $\varnothing 5.5$ Includes prosthetic screw

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

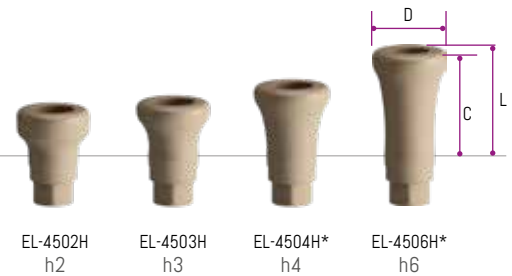
TIGHTENING: with torque ratchet 10 Ncm

Material: PEEK

Please Note: the extractor screw (BL-6060 or BL-6061) is required to remove the PEEK healing abutment from the implant.

*Uses the long screw EL-5052HXL

CEC = Concave Esthetic Concept

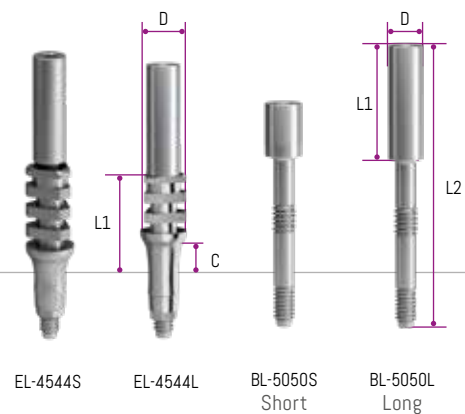


Open tray impression transfers

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



Analog

L	D
11.5	4

Material: Titanium grade 5



Closed tray impression transfers

EL CEC Titanium $\varnothing 4.5$ abutments/transfers 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



TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5

EL CEC Titanium $\varnothing 5.5$ abutments/transfers Includes prosthetic screw

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

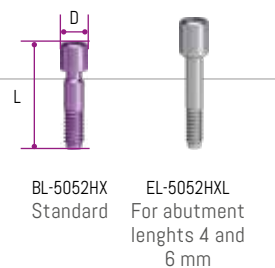


TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5

Internal prosthetic screws

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

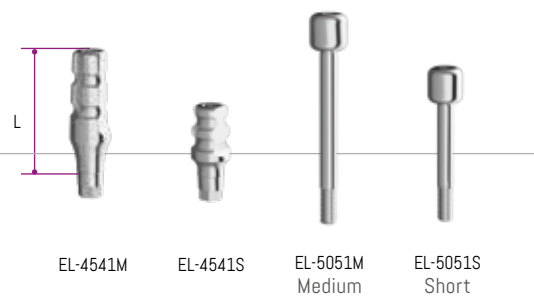


TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5

Closed tray capless impression post

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



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

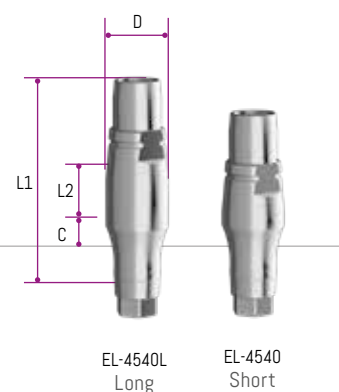
Material: Titanium grade 5

*Uses the long screw EL-5052HXL

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

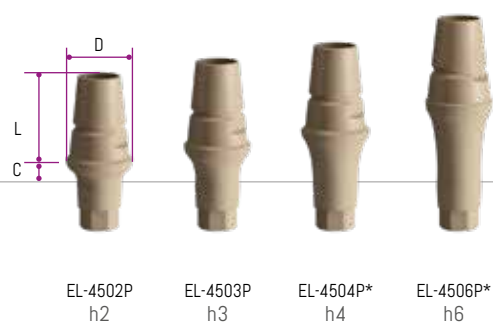


EL CEC PEEK ø4.5 abutments/transfers Includes prosthetic screw

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

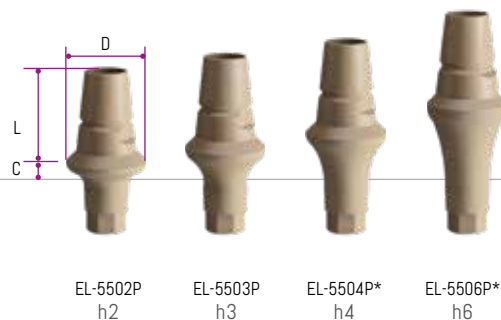


EL CEC PEEK ø5.5 abutments/transfers Includes prosthetic screw

L	D	C	Fixture	item#
5.7	5.5	2		EL-5502P
		3		EL-5503P
		4		EL-5504P
		6		EL-5506P

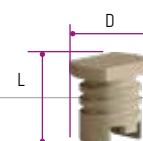
TIGHTENING: with torque ratchet 25 Ncm

Material: 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.

BL-4546

Material: PEEK

*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

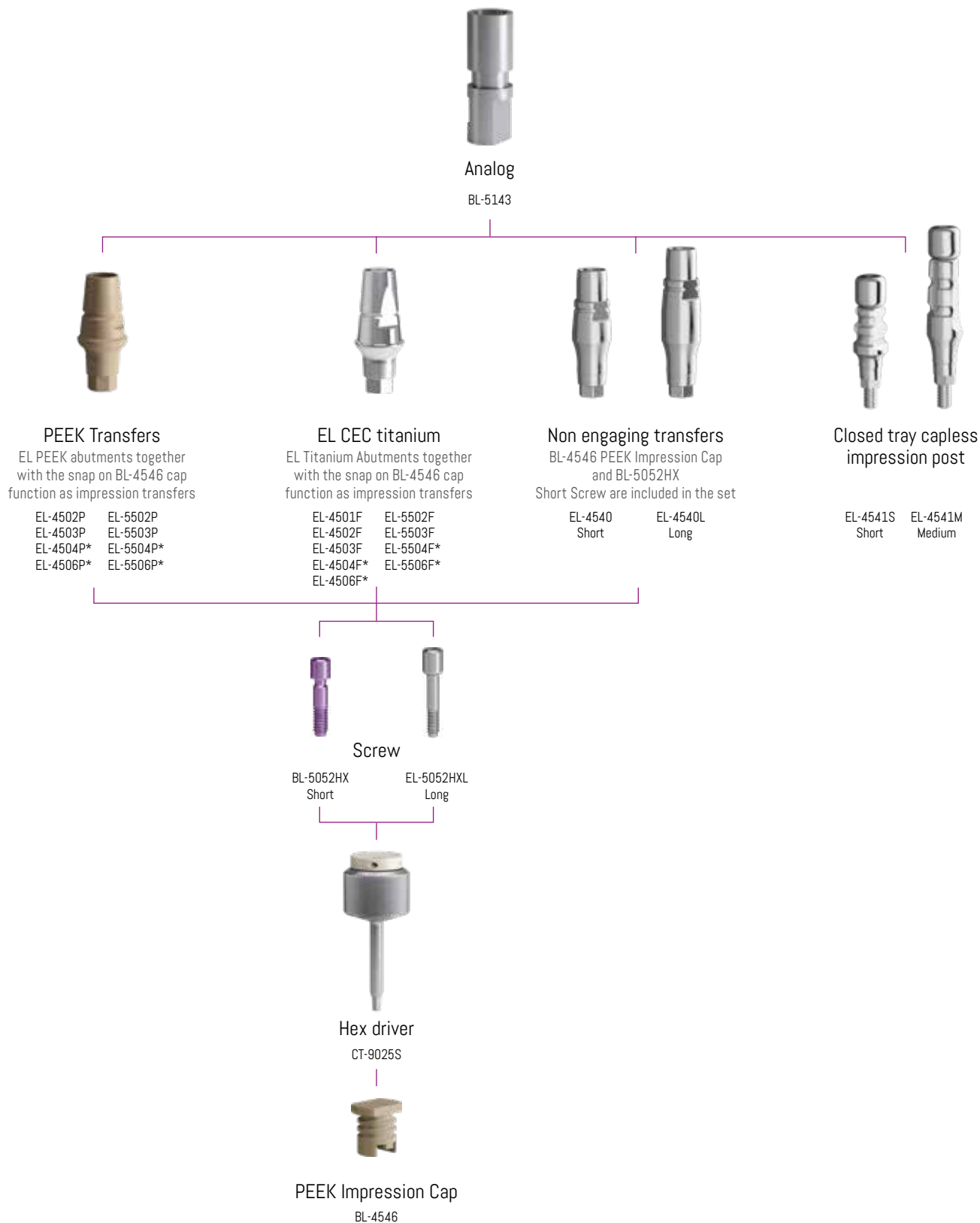
Take the impression using an elastomeric impression material (polyvinyl siloxane or polyether rubber).

STEP 4

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



Closed tray transfers



* 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 verifying 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.

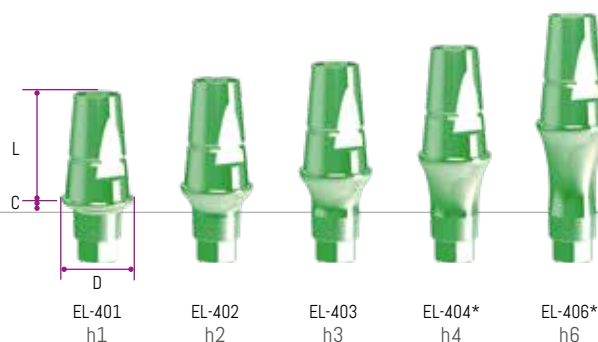


Technical planning abutments

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

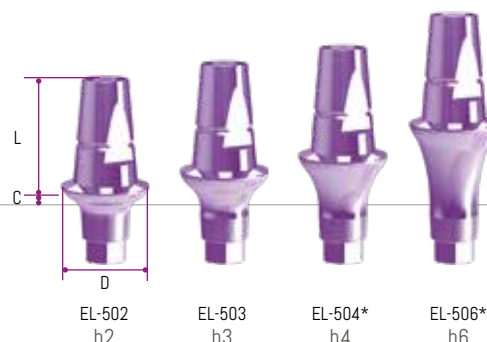
Material: Alluminium



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

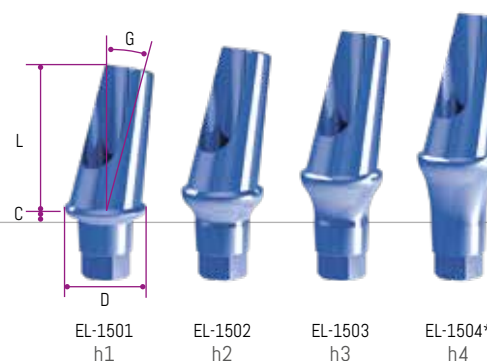
Material: Alluminium



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

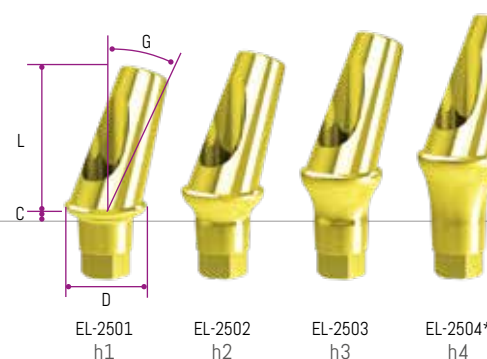
Material: Alluminium



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

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 $\varnothing 4.5$ 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

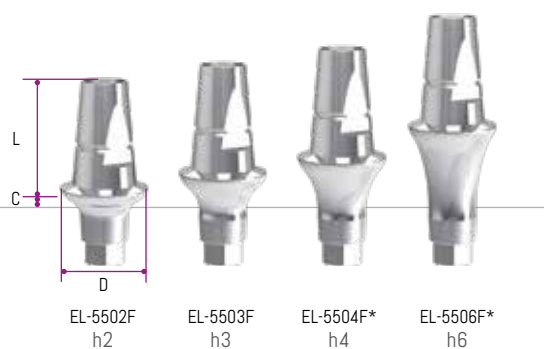


TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5

EL CEC Titanium $\varnothing 5.5$ abutments Includes prosthetic screw

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



TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5

*Uses the long screw EL-5052HXL

EL CEC 15 °angled abutments Includes prosthetic screw

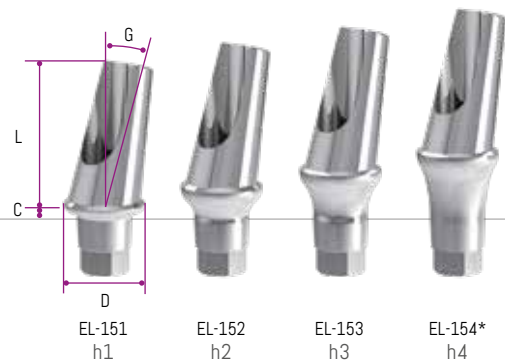
L	D	C	Fixture	G	item#
7.75	4.5		1	15°	EL-151
			2		EL-152
			3		EL-153
			4		EL-154



Over angle

TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5



EL CEC 25°angled abutments Includes prosthetic screw

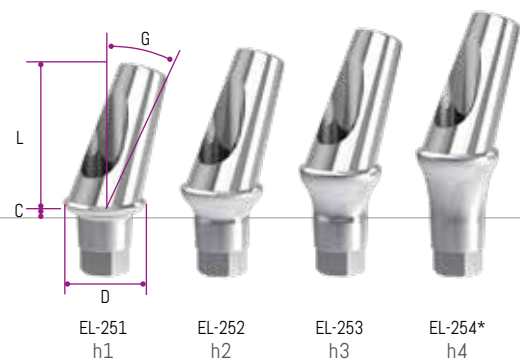
L	D	C	Fixture	G	item#
7.6	4.5		1	25°	EL-251
			2		EL-252
			3		EL-253
			4		EL-254



Over angle

TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5



Gold castable abutment Includes casting cylinder and prosthetic screw BL-5052HX

L	D
8.8	5

TIGHTENING: with torque ratchet 25 Ncm

Material: Gold Alloy (Au 59.8% - Pt 23.7% - Pd 15.4% - Ir 1.1%) and Plexiglass



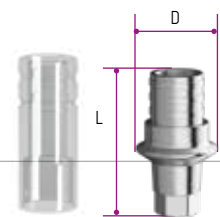
BL-6048

Castable chrome cobalt base Includes casting cylinder and prosthetic screw BL-5052HX

L	D
5	4.2

TIGHTENING: with torque ratchet 25 Ncm

Material: Chrome Cobalt and Plexiglass



EL-6041CC

*Uses the long screw EL-5052HXL

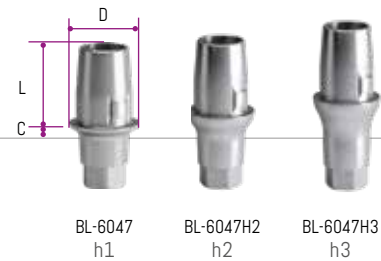
CAD-CAM Components

Titanium CEREC® bases Includes prosthetic screw BL-5052HX

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

TIGHTENING: with torque ratchet 25 Ncm

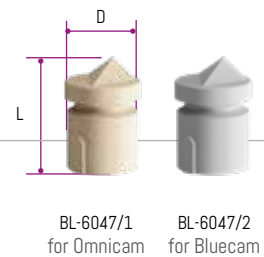
Material: Titanium grade 5



Scan body for CEREC® bases

L	D
6.55	4.8

Material: Plastic

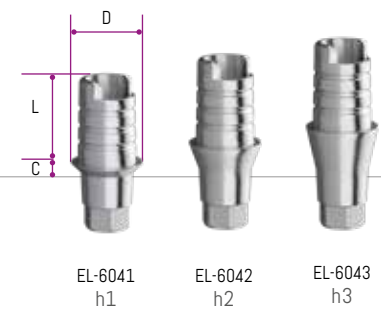


Non rotating CEC titanium bases Includes prosthetic screw BL-5052HX

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

TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5

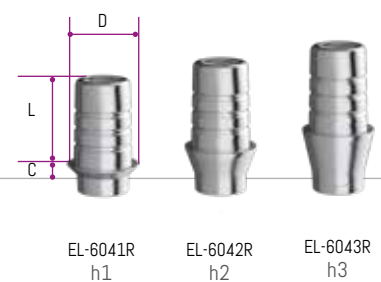


Rotating CEC titanium bases Includes prosthetic screw BL-5052HX

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

TIGHTENING: with torque ratchet 25 Ncm

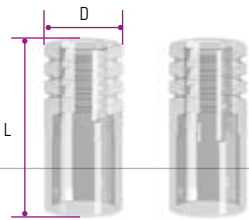
Material: Titanium grade 5



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 Compatible with 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



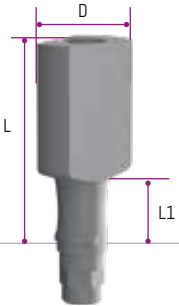
EL-6040P
PEEK

Intra-oral scan body Compatible with 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



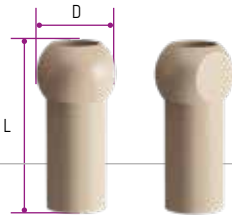
EL-6070
Titanium

Scan cap Compatible with 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

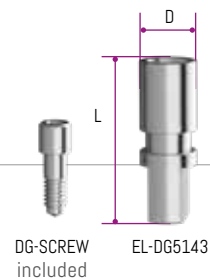
Digital scan analog

Compatible with EXOCAD, 3SHAPE and DENTALWINGS - Included prosthetic screw DG-SCREW

L	D
11.5	4

TIGHTENING: with torque ratchet 20 Ncm

Material: Titanium grade 5



Internal prosthetic screw

L	D	item#
10	2.5	BL-5052HX

TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5

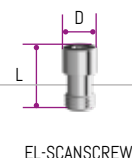


Screw for scan cap

L	D
7.5	24

TIGHTENING: with torque ratchet 15 Ncm

Material: Titanium grade 5



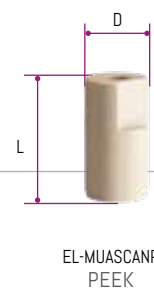
MUA scan

Compatible with EXOCAD, 3SHAPE and DENTALWINGS - includes bridge screw BL-6051

L	D
10	5.2

TIGHTENING: with torque ratchet 15 Ncm

Material: PEEK

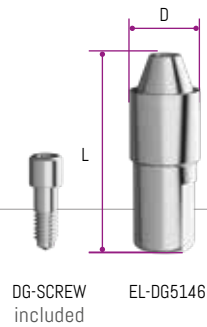


3D MUA analog Compatible with EXOCAD, 3SHAPE and DENTALWINGS - Includes prosthetic screw DG-SCREW

L	D
14	5

TIGHTENING: with torque ratchet 20 Ncm

Material: Titanium grade 5

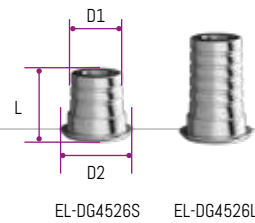


MUA bases Compatible with EXOCAD, 3SHAPE and DENTALWINGS - Includes prosthetic screw BL-6051

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

TIGHTENING: with torque ratchet 15 Ncm

Material: Titanium grade 5

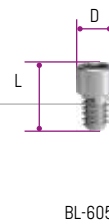


Bridge screw

L	D
3.5	2

TIGHTENING: with torque ratchet 15 Ncm

Material: Titanium grade 5



SSR Scan Cap Compatible with EXOCAD, 3SHAPE and DENTALWINGS - Includes prosthetic screw SSR-50.52

L	D1	D2
16	4.2	4.6

TIGHTENING: Bridge screw torque 15 Ncm

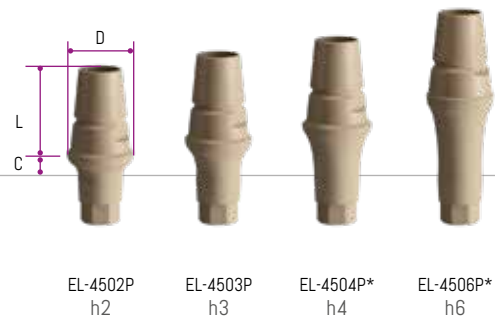
Material: PEEK



Temporary abutments

EL CEC PEEK $\varnothing 4.5$ 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

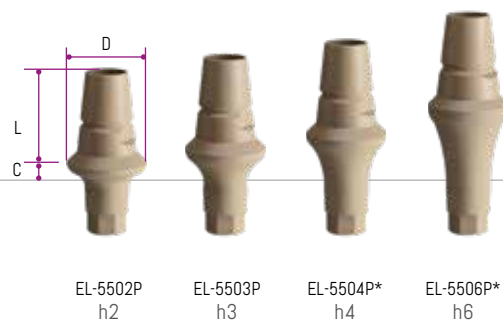


TIGHTENING: with torque ratchet 25 Ncm

Material: PEEK

EL CEC PEEK $\varnothing 5.5$ abutments Includes prosthetic screw

L	D	C	Fixture	item#
5.7	5.5		2	EL-5502P
			3	EL-5503P
			4	EL-5504P
			6	EL-5506P

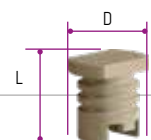


TIGHTENING: with torque ratchet 25 Ncm

Material: PEEK

Impression cap

L	D
5	4



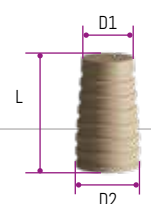
BL-4546

Note: together with the BL-4546 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: Titanium grade 5



BL-6060

Latch driver prosthetic extractor

L
34.25

Material: Stainless steel

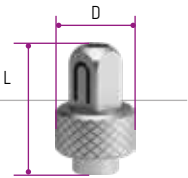


BL-6061

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

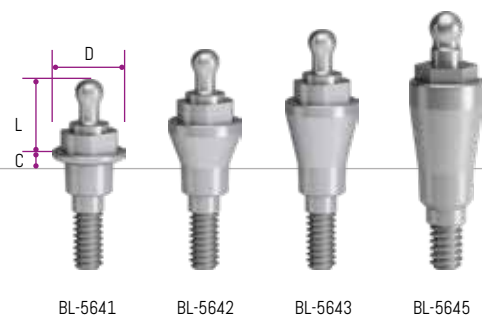
L	D1	D2
19.3	7.9	4.8

Material: Titanium grade 5



O-ball abutments

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



TIGHTENING: with torque ratchet 25 Ncm

Complete set includes:

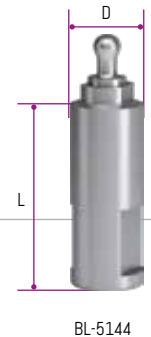
1. O-Ring (Ref. MC-3005) 1 piece
2. Metal Housing (Ref. MCH-2)
3. O-Ball Abutment (Ref. BL-5641, BL-5642, BL-5643, BL-5645)

Material: Titanium grade 5

O-ball analog

L	D
11.5	4

Material: Titanium grade 5



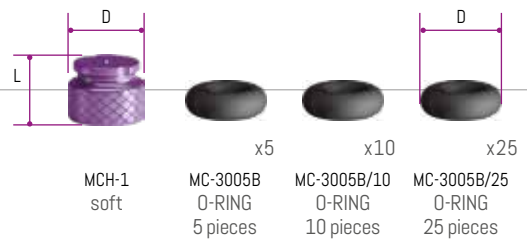
Soft retention caps

L	D
3.5	4.7

Material: Titanium grade 5

o-ring	D
	44

Material: FDA Buna



Available in single packages: MCH-1

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

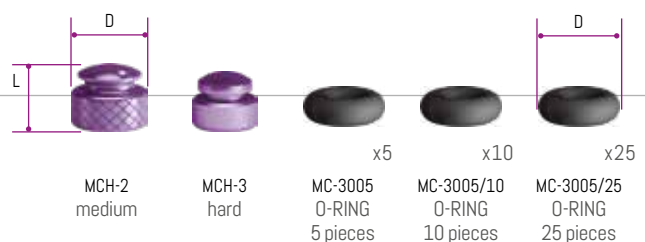
Medium and hard retention caps

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



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

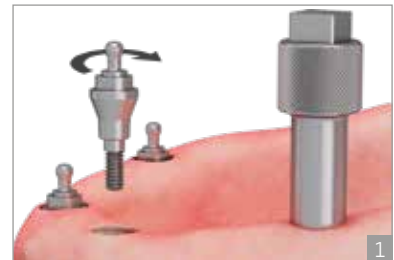
Screw the spherical abutment into the implant using the torque ratchet (25 Ncm) and the driver (ref. BL-0600).

STEP 2

Rebase the overdenture according to standard procedure.

STEP 3

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

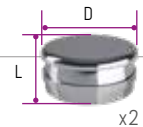


Anchor abutment system

Metal housing 2 pieces

L	D
1.98	4.5

Material: Titanium grade 5



141CAE

Caps 4 pieces

L	D
1.78	3.8

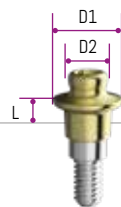
Material: 140CEV - kepital
140CET/140CER/140CEG - pebax



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

TIGHTENING: with torque ratchet 25 Ncm

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)

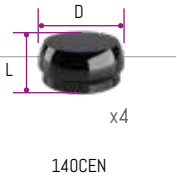
Material: Titanium grade 5

Laboratory accessories

Processing caps - black 4 pieces

L	D
1.78	3.8

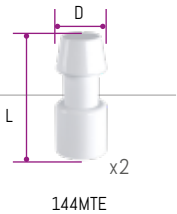
Material: Rilsan



Impression coping 2 pieces

L	D
9	3.7

Material: Acetal



Laboratory analog 2 pieces

L	D1	D2
15.6	4.3	2.5

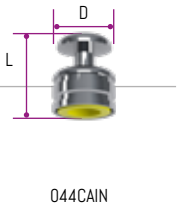
Material: Stainless steel AISI 303



Pull-off impression coping

L	D
5.5	4.6

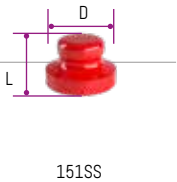
Material: Stainless steel AISI 303



Castable cap

L	D
245	3.8

Material: Crystal polystyrene



Anchor system instruments

Metal insertion/extraction tool for caps

Material: Nylon and Stainless steel

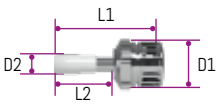


485IC

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



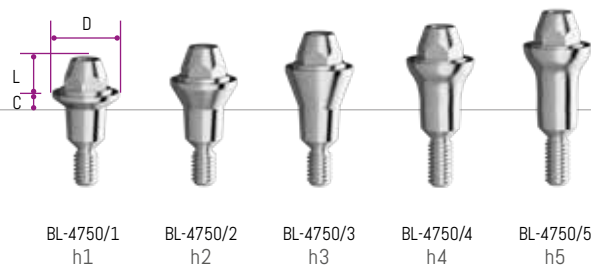
760CE

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



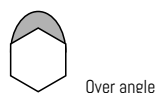
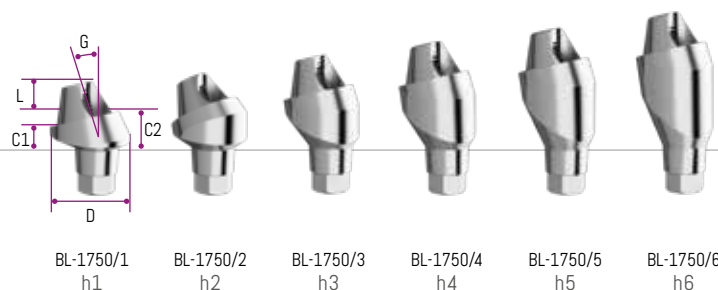
TIGHTENING: with torque ratchet 25 Ncm
Bridge screw torque 10 Ncm

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



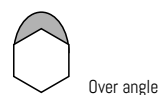
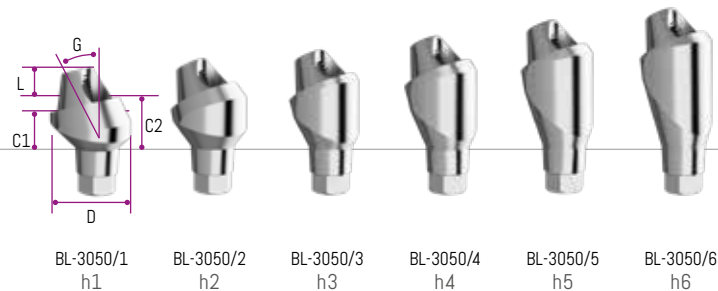
TIGHTENING: with torque ratchet 25 Ncm
Bridge screw torque 10 Ncm

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



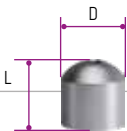
TIGHTENING: with torque ratchet 25 Ncm
Bridge screw torque 10 Ncm

Material: Titanium grade 5

Healing cap

L	D
5.7	5

Material: Titanium grade 5

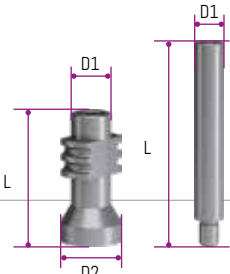


BL-7000

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



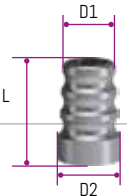
BL-7011

BL-7012
screw

Closed tray transfer

L	D1	D2
8	4.2	5

Material: Titanium grade 5

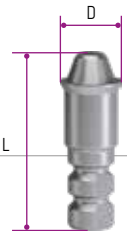


BL-7010

Multi-unit analog

L	D
14.7	5

Material: Titanium grade 5



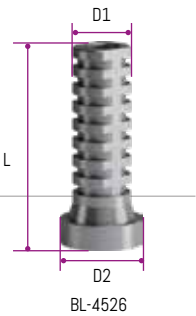
BL-5146

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



Castable abutment Includes bridge screw BL-6051

L	D1	D2
12/45	3.3	4.6

TIGHTENING: with torque ratchet 15 Ncm

Material: Plexiglass

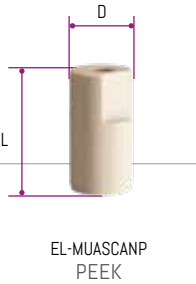


MUA scan Compatible with EXOCAD, 3SHAPE and DENTALWINGS - includes bridge screw BL-6051

L	D
10	5.2

TIGHTENING: with torque ratchet 15 Ncm

Material: PEEK

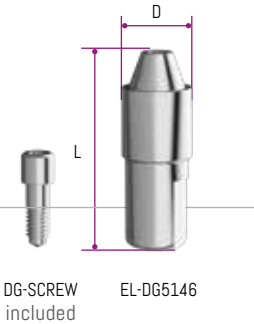


3D MUA analog Compatible with EXOCAD, 3SHAPE and DENTALWINGS - Includes prosthetic screw DG-SCREW

L	D
14	5

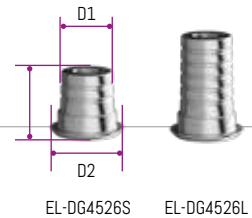
TIGHTENING: with torque ratchet 20 Ncm

Material: Titanium grade 5



MUA bases Compatible with EXOCAD, 3SHAPE and DENTALWINGS - Includes prosthetic screw BL-6051

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

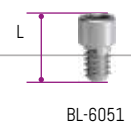


TIGHTENING: with torque ratchet 15 Ncm

Material: Titanium grade 5

Bridge screw

L	D
3.5	2



TIGHTENING: with torque ratchet 15 Ncm

Material: Titanium grade 5

Internal prosthetic screw For angled MUA

L	D
8.6	2.2



TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5

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



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.



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

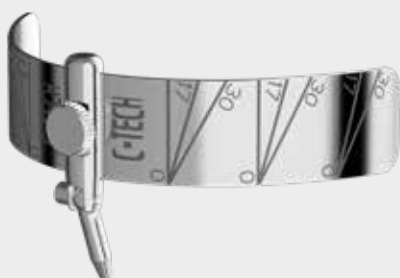
The titanium band can be bent in order to follow the arch of the crestal bone.

STEP 4

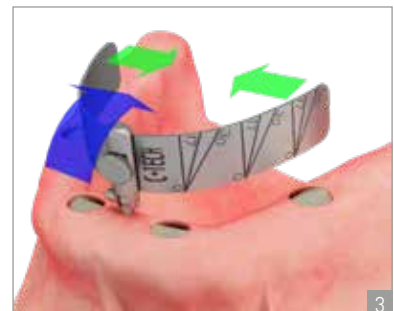
Three different angulations are indicated on the outside of the guide, 0°, 17° and 30°. These angulations match the angulations of the different C-TECH multi-unit screw retained abutments.

STEP 5

Placement of the screw retained abutments.



EL-3017



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

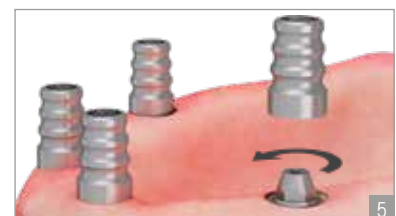
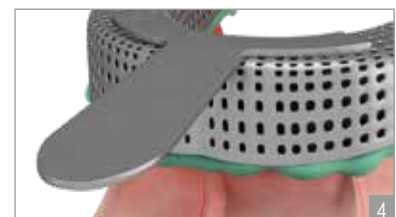
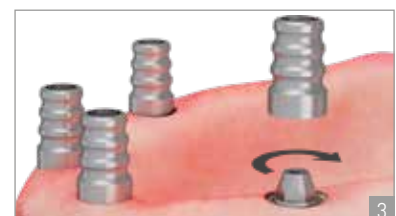
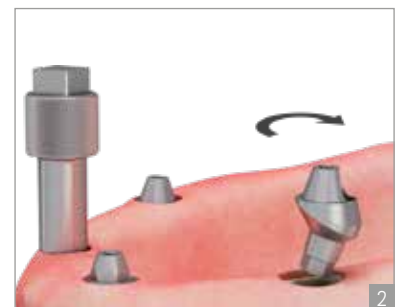
Take the impression using an elastomeric impression material (polyvinyl siloxan or polyether rubber).

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

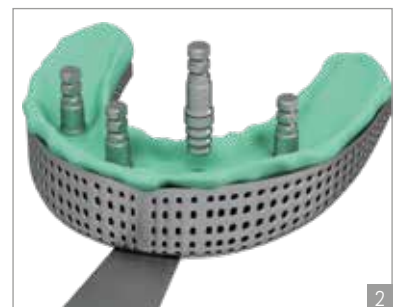
Screw the closed tray transfer onto the analog.

STEP 2

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

STEP 3

Master model.

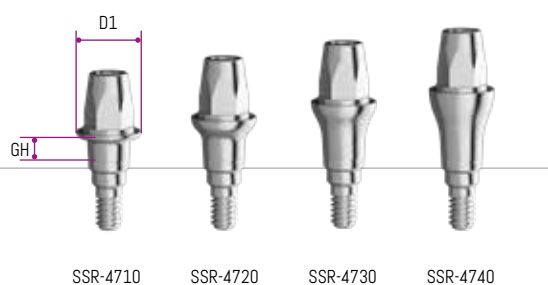


Single unit and bridge screw retained restorations

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

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



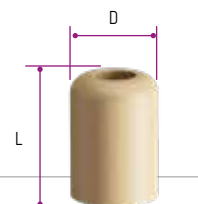
TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5

SSR Comfort Cap

Includes prosthetic screw SSR-50.52

L	D
6.5	4.5



SSR-CAP

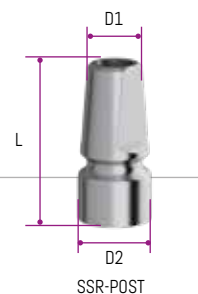
TIGHTENING: with torque ratchet 15 Ncm

Material: PEEK

SSR Transfer

Includes prosthetic screw SSR-50.52

L	D1	D2
9.3	2.89	4.6



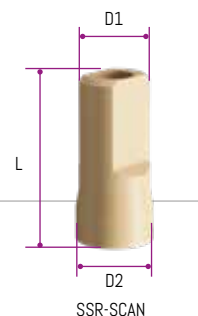
SSR-POST

Material: Titanium grade 5

SSR Scan Cap

Compatible with EXOCAD, 3SHAPE and DENTALWINGS - Includes prosthetic screw SSR-50.52

L	D1	D2
16	4.2	4.6



SSR-SCAN

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



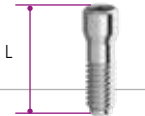
SSR-CAST

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

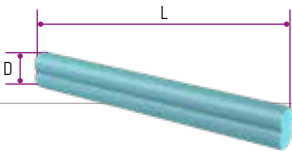


BL-5146

OT-Bar

L	D
23	2

Material: Polystyrene Shockproof ABS



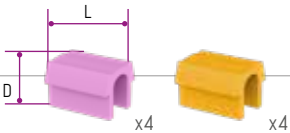
x2

0220BB

Clip Set includes 4 pcs

L	D	item#
5	3	027CRR
		027CRG

Material: Rylsan



x4

x4

027CRR
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

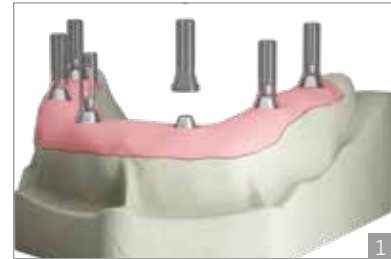
Make height adaptations according to the individual situation.

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.



One Time System

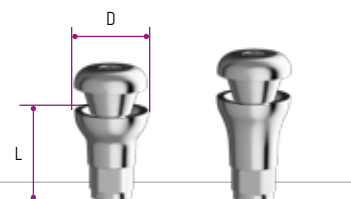
Titanium healing abutment

Includes prosthetic screw

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

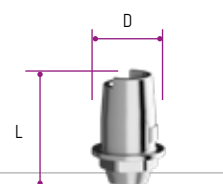
EL-ONE TIME GS2
h2EL-ONE TIME GS3
h3

Titanium Base

L	D
6.75	4.5

TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5

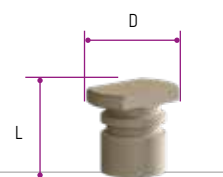


EL-ONE TIME-BASE

Transfer cap

L	D
6.5	8

Material: PEEK

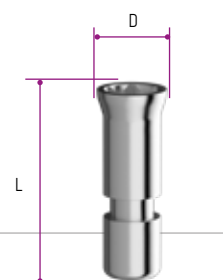


EL-ONE TIME-CAP

Laboratory analog

L	D
12.5	4.5

Material: Titanium grade 5



EL-ONE TIME-LAB

Holder



EL-ONE TIME-HOLDER

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.



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)

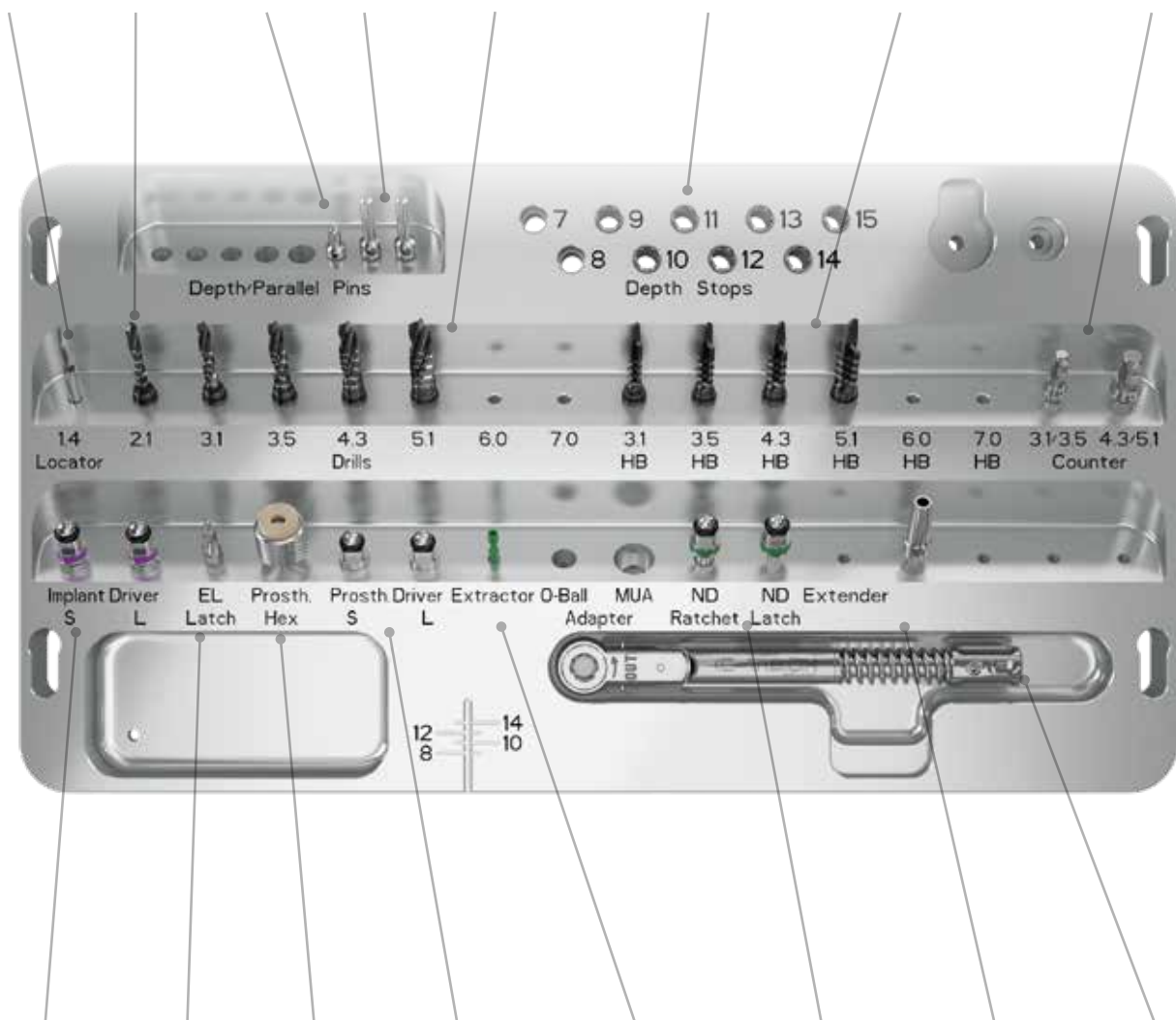
STEP 2

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



EL Surgical Kit

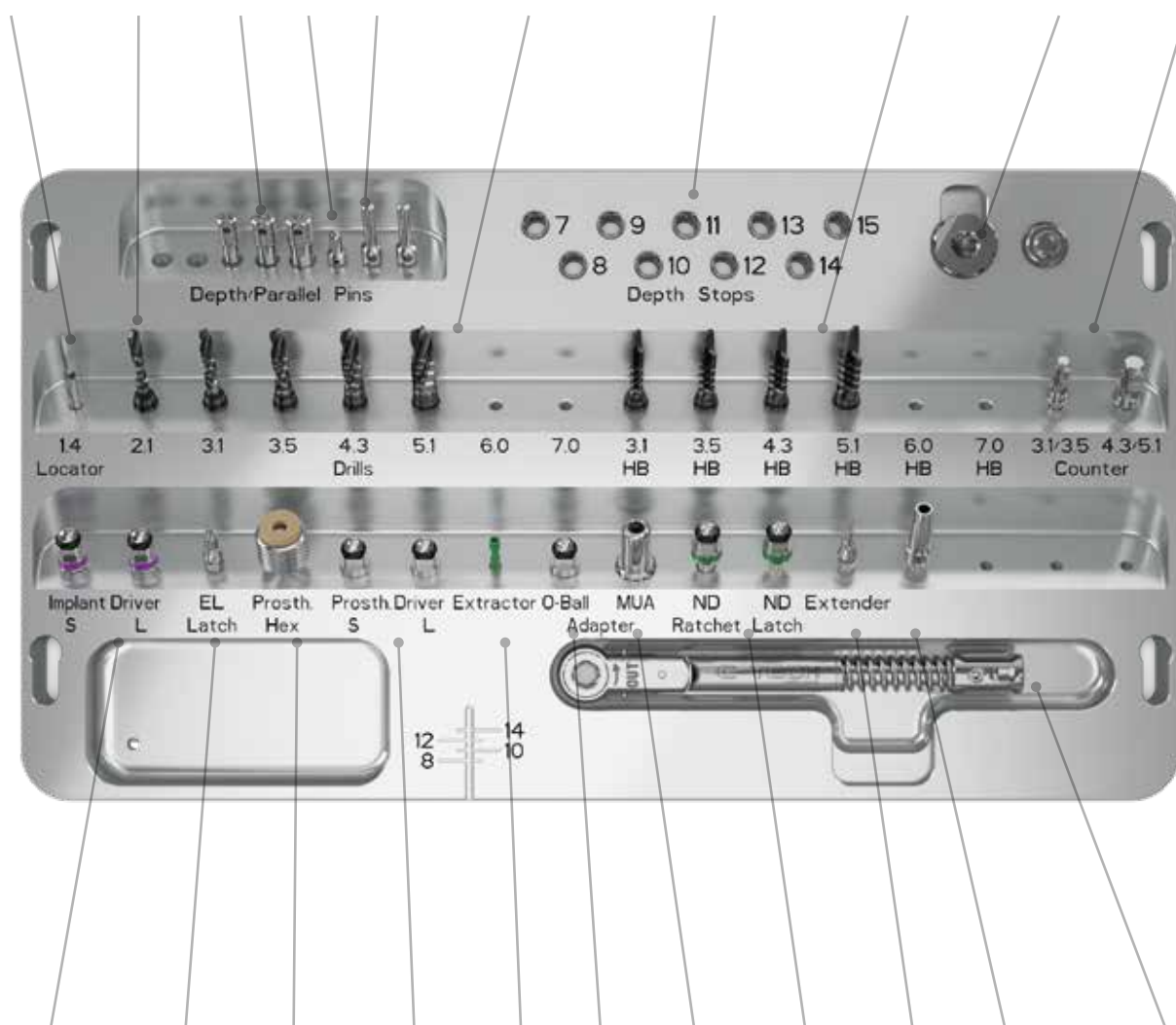
EL-SUR.KIT.01



Elements not included in the kit can be purchased separately.

EL Metal Kit

METALKIT03



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

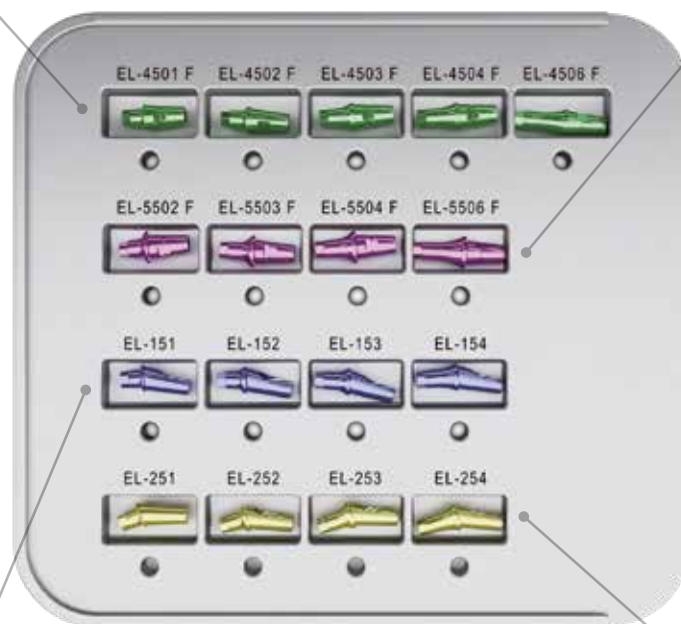
PLANKIT01



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: Empty/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
 1.4 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

SCREWBX00: Empty/No Contents

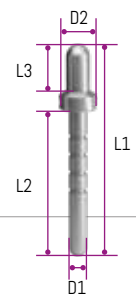


Instruments

Combined depth paralleling pins

L1	L2	L3	D1	D2
23.5	16.5	5.5	1.9	2.5

Material: Titanium grade 5

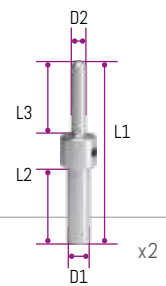


CT-PIN1
1.9 mm
2.5mm

Paralleling pin

L1	L2	L3	D1	D2
24.2	14.2	10.2	2	2.6

Material: Titanium grade 5

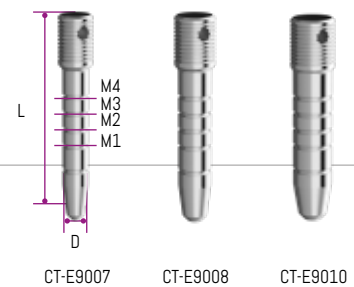


CT-9003
1.6 mm
2.0mm

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

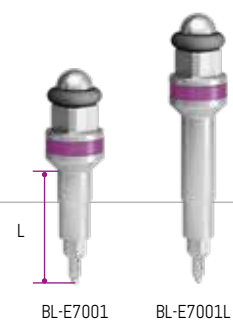
CT-E9008

CT-E9010

Implant ratchet drivers With retention

L	item#
10.8	BL-E7001
17.8	BL-E7001L

Material: Stainless steel



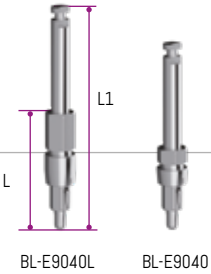
BL-E7001

BL-E7001L

Implant latch With retention

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

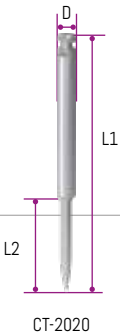
Material: Stainless steel



Locator drill

L1	L2	D
29	15	1.6

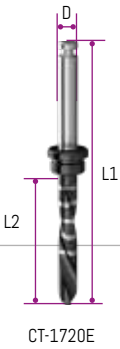
Material: Stainless steel



Pilot drill

L1	L2	D
35.2	17.2	2.1

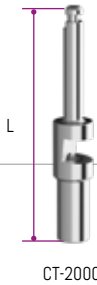
Material: Stainless steel



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



Stops

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



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



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

Material: Titanium grade 5

Stops XL

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



XLSTOP-07 Stop L.07 XLSTOP-08 Stop L.08 XLSTOP-10 Stop L.10 XLSTOP-12 Stop L.12

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

Material: Titanium grade 5

Main drills

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



CT-1735E



CT-1743E



CT-1751E



CT-1760E



CT-1770E

Material: Stainless steel

Counterbore

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



EL-3138



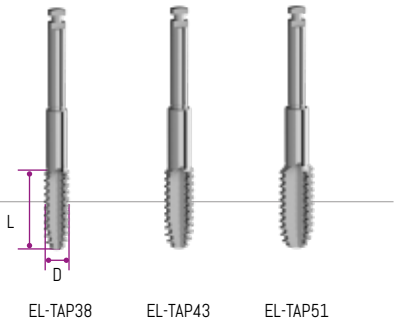
EL-4351

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



Hard bone drills

L	D	Fixture	item#
18.66	3.45		EL-1735N
	4.1		EL-1743N
	4.9		EL-1751N
16.7	5.7		EL-1760N
	6.75		EL-1770N

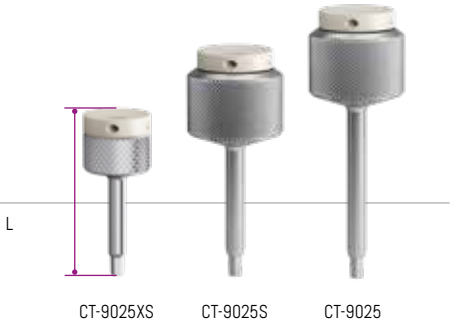
Material: Titanium grade 5



Hex drivers

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

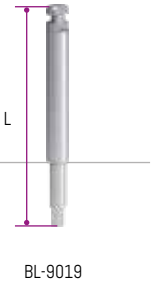
Material: Stainless steel



Prosthetic latch driver

L
26.5

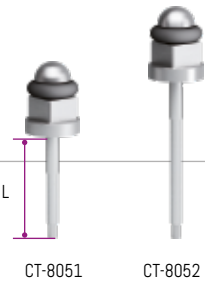
Material: Stainless steel



Torque wrench attachments

L	item#
12.5	CT-8051
18.5	CT-8052

Material: Stainless steel



Prosthetic extractor

L
14.2

Material: Titanium grade 5



O-ball driver

L
8

Material: Stainless steel



Latch driver prosthetic extractor

L
34.25

Material: Stainless steel



Internal adaptor for peek ratchet Sold separately

Material: Stainless steel



8011PEEK

Finger adapter

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

Material: Stainless steel



Hand driver

Material: Stainless steel



Torque wrench 50Ncm

Material: Stainless steel

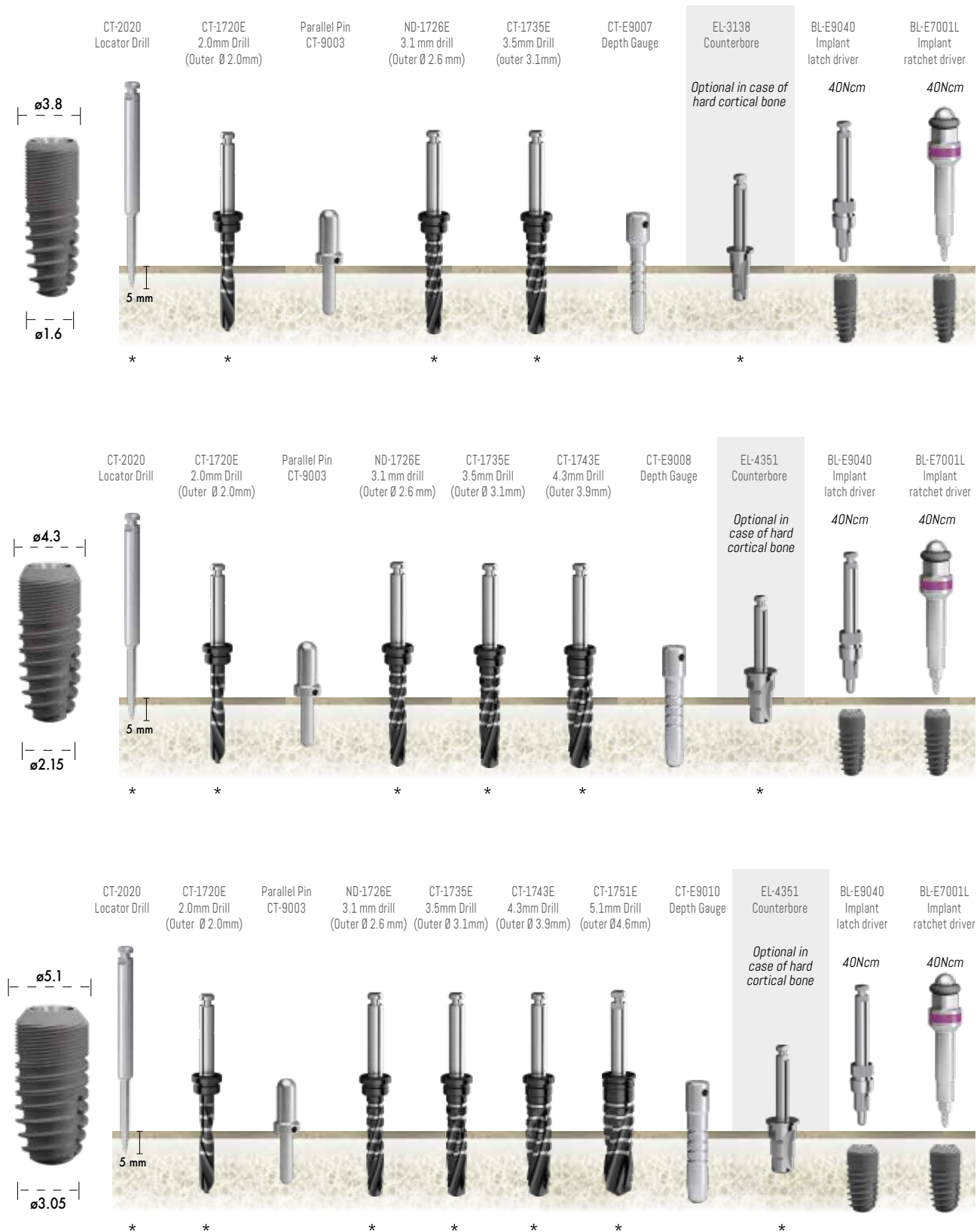


Torque wrench PEEK

Material: Stainless steel and PEEK



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 length of the drill due to the length of the cutting tip.

D1 additional steps

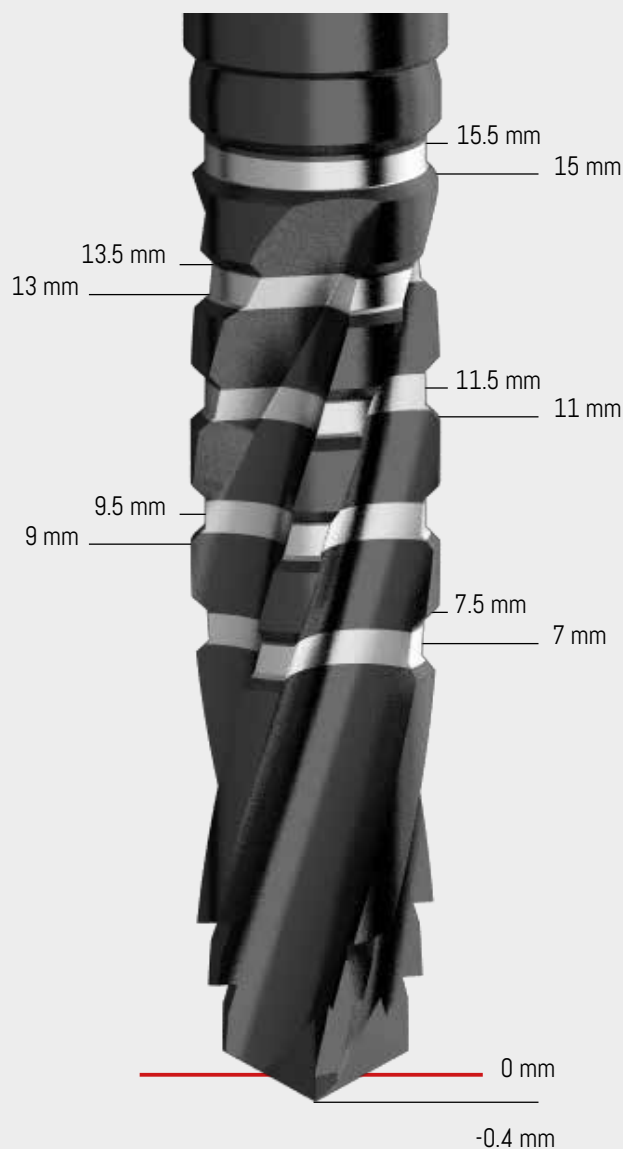


* To avoid bone overheating, set the cutting speed between 100 and 750rpm.

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 length of the drill due to the length 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 \varnothing 5.1 drills

Implant packaging

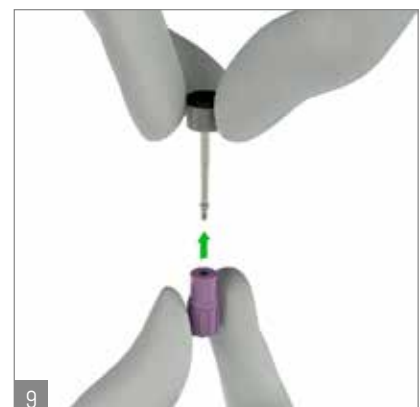
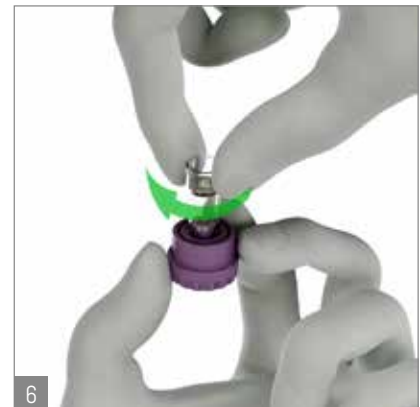
To ensure the highest level of security, our implants are placed into a double vial inside an airtight blister pack. Within the vials the implant is maintained upright by a titanium ring and supported at the implant apex by the titanium cover screw.



Implant labeling

 +D759EL351391/\$\$32303121518D		HIBC Health Industry Bar Code Format
Lot number	Rev.05 of 09/11/2015 LOT 1518	SIZE: 3.5 x 13 mm Implant dimension
Production date	2018-04	REF/ REORDER:EL-3513 ISO and CE Certification by TÜV SÜD
Expiration date	2023-03	
The device must be use exclusively by the physician	    STERILE R	Made in Italy Implant code/reference
	Read the instruction sheet Single-use Sterilization with gamma rays	

Implant vial protocol



This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

English version



REV. 10 / 04-2021

C-TECH
CENTURY IMPLANT TECHNOLOGIES

Via Cesare Battisti n. 2 - 40123, Bologna - ITALY
Tel. +39 051 6661817 - Fax +39 051 6667071
www.c-tech-implant.com - info@c-tech-implant.com

Go to



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