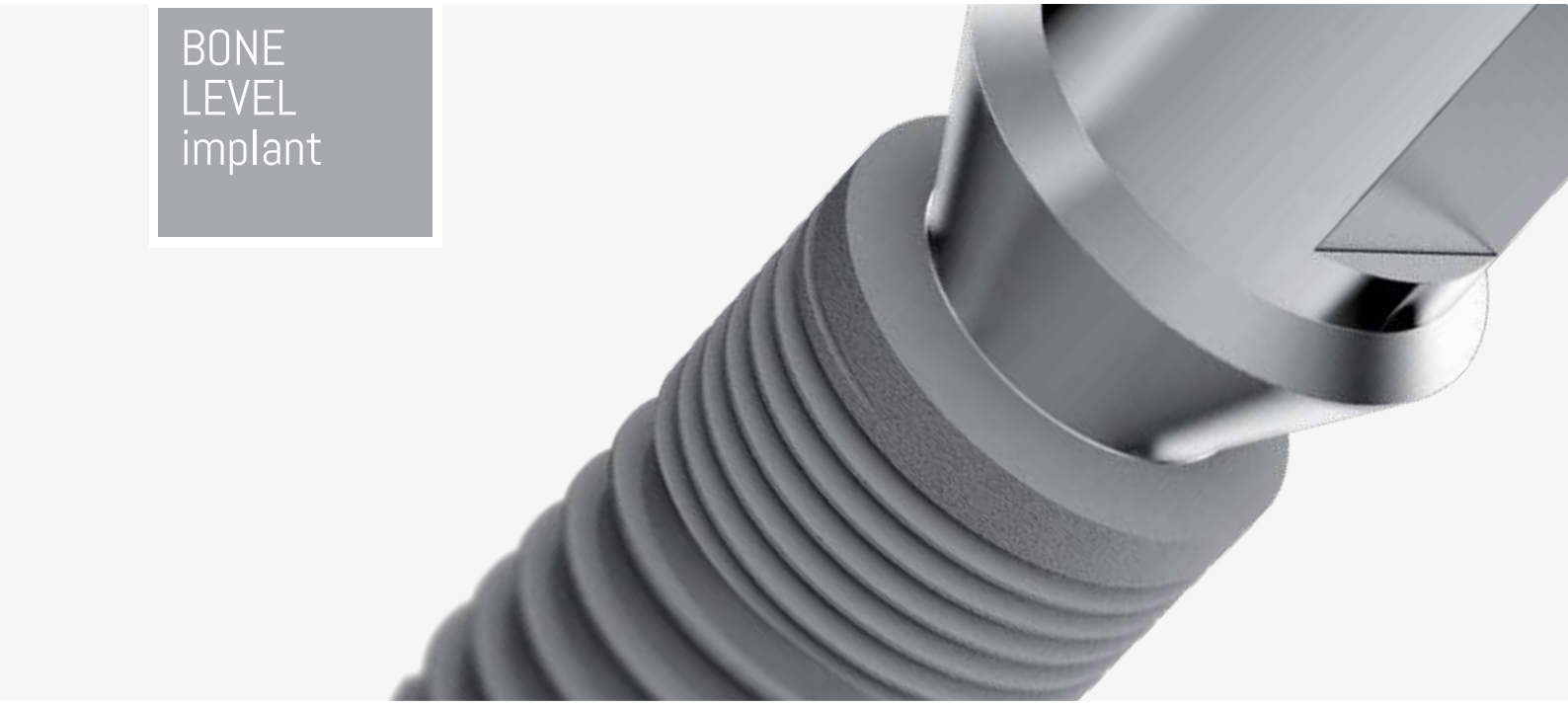
BL

BONE
LEVEL
implant



C-TECH
IMPLANT

BL

BONE LEVEL implant

EC Certificate
Full Quality Assurance System

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 13485:2003/AC:207 and 93/42/EEC relative to medical devices.

Precision dental 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 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 incorporates the latest trends in implantology but provides very 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 & advice

Dental professionals are assisted by the rich 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.

BONE LEVEL implant

Tapered internal hex connection

The connection on the BL system comprises of two proven elements in implant prosthetics; a tapered connection with a hex at the base. The taper provides a cold welding seal which locks the abutment into its final seated position. The hex at the base of the implant provides an optimal positioning index. The combination of taper and hex deliver a high level of prosthetic precision while ensuring against abutment loosening.

Speed and ease of use

The revolutionary threads, unique in their nature, allow for a smoother and faster insertion compared to common implant threads.

This advantage simplifies the work of the oral surgeon and reduces considerably the time of insertion. The thread has a particular 90° degree beveled profile: whose shape, angle and depth are specifically conceived to increase contact surface with the bone.

Root form anatomical design

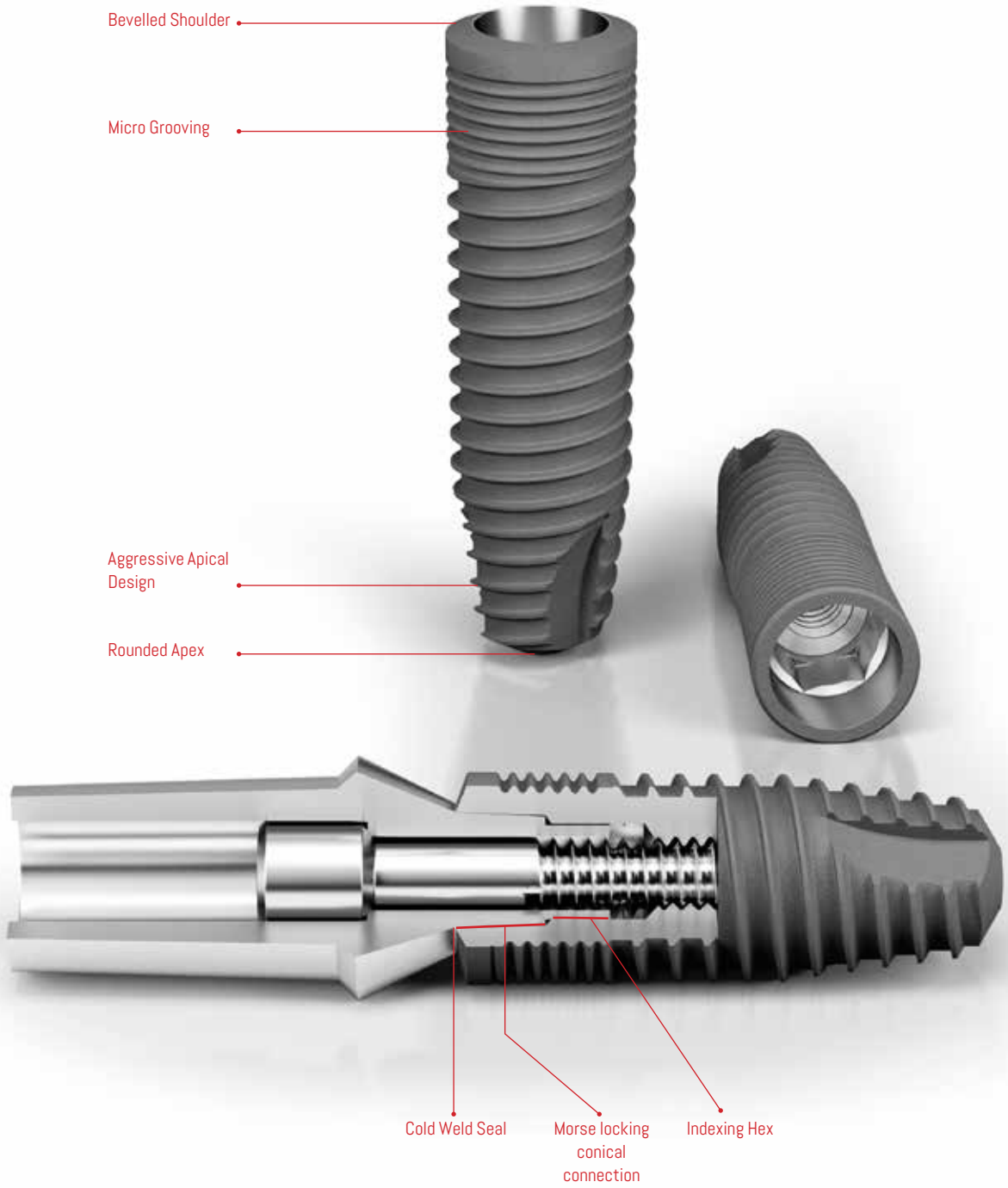
The innovative macromorphological facility of the BL Implant System, with a variable degree of tapering, more pronounced near the apical region, has been designed to ease the implant's insertion and to achieve a high primary stability.

Collar micro-grooving

The specific micro-architecture of the implant collar increases the primary stability and facilitates the introduction of the implant. It promotes the soft tissue healing process and reduces the risk of the bone resorption at collar level.

Intuitive and easy to use kit

An instrumentation kit which has been kept as simple and efficient as possible.
Predictable and easy to follow instrument protocols for practitioners of all levels.


Bevelled Shoulder
Micro Grooving
Aggressive Apical Design
Rounded Apex
Cold Weld Seal
Morse locking conical connection
Indexing Hex

Dental Implant

BL implant ø3.8

BL-3507	BL-3509	BL-3511	BL-3513	BL-3515
7 mm	9 mm	11 mm	13 mm	15 mm

BL implant ø4.3

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

BL implant ø5.1

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

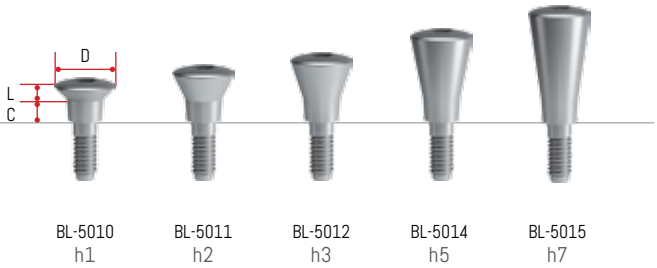
Titanium healing abutments

TIGHTENING TORQUE FOR HEALING ABUTMENTS: with torque ratchet 10 N=Ncm

Titanium healing abutments ø5

D	L \ Fixture	C	item#
5	1	1.8	BL-5010
	2		BL-5011
	3		BL-5012
	5		BL-5014
	7		BL-5015

Material: Titanium grade 5



BL-5010 h1 | BL-5011 h2 | BL-5012 h3 | BL-5014 h5 | BL-5015 h7

Titanium healing abutments ø6

D	L \ Fixture	C	item#
6	1	1.8	BL-6010
	2		BL-6011
	3		BL-6012

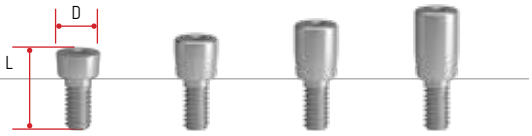
Material: Titanium grade 5

BL-6010 h1 | BL-6011 h2 | BL-6012 h3

Cover screws

L	D	item#
5.5	3	BL-4305
6.5		BL-4305/1
7.5		BL-4305/2
8.5		BL-4305/3

Material: Titanium grade 5



BL-4305 | BL-4305/1 h1 | BL-4305/2 h2 | BL-4305/3 h3

Straight Protruding Covers Screws

The BL 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.

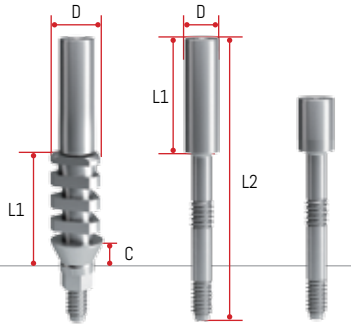
Protruding Cover Screw | Standard/Flush Cover Screw

Impression transfers

Open tray impression post includes BL-5050L

L1	L2	D	C	item#
9.85	-	4.5	2.15	BL-4542
10	25.7	3	-	BL-5050L
6	21.7	3	-	BL-5050S

Material: Titanium grade 5



BL-4542 | BL-5050L Long | BL-5050S Short

Analog

L	D
11.5	4

Material: Titanium grade 5

BL-5143

Technician's working analog

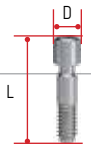
Material: Titanium grade 5 and Acrylic

BL-LAB5143

Internal prosthetic screws

L	D
10	2.5

Material: Titanium grade 5

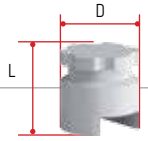


BL-5052HX

Plastic Impression cap

L	D
5	4

Material: Plastic



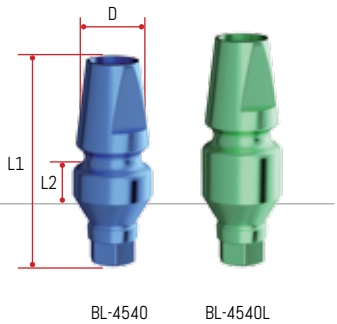
BL-4543

Closed tray impression post

Includes impression cap (BL-4543) and screw

L1	L2	D	item#
13	2.5	4.5	BL-4540
15.5	5		BL-4540L

Material: Titanium grade 5



BL-4540
Short

BL-4540L
Long

Hex drivers

L	item#
12.5	CT-9025S
18.5	CT-9025

Material: Stainless steel

CT-9025S

CT-9025

Closed tray impression transfers

Analog

BL-5143

Impression Transfer Closed/tray
includes impression cap (BL-4543)
and screw

BL-4540
Short

Impression Transfer Closed/tray/long
includes impression cap (BL-4543)
and screw

BL-4540L
Long

Screw

BL-5052HX
Short

Hex drivers

CT-9025S

Plastic Impression Cap

BL-4543

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 give an exact replica of the intraoral situation;
- Clear-cut tactile response from the prosthetic connection verifies 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 guide screw.

STEP 2
Push the impression cap at 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. BL-5052HX).

STEP 6
Reposition the impression transfer in the tray. Push the impression transfer until you feel the complete engagement firmly seated on the impression cap.


1


2


3


4


5


6

Open tray impression transfers

Analog

BL-5143

Open tray impression post

BL-4542

Guide screw

For open tray impression post

BL-5050L
Long

BL-5050S
Short

Technician's working analog

BL-LAB5143

Intended use
Open tray impression technique.

Characteristics
- Slender emergence profile accommodates space limitations;
- Guide screw can be tightened either by hand or with the screwdriver;
- 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.

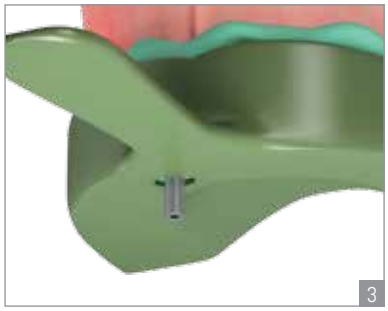
STEP 2
Make perforations in the custom-made impression tray (light cured resin) according to the individual situation so that the positioning screw of the impression post sticks out.

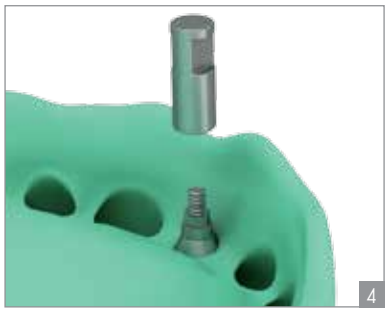
STEP 3
Take the impression using an elastomeric impression material (polyvinyl siloxane or polyether rubber).

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


1


2


3


4

Technician's working analog

Intended use
An easy to grasp analog which facilates the technician's abutment modeling task

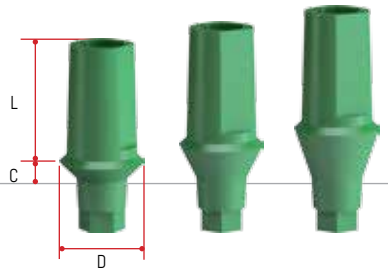
Characteristics
- Easy to grasp;
- Durable;
- Easy to clean.

Technical planning abutments

Ø 5 straight planning abutments Includes screw

L	D	C \ Fixture	item#
7	5.5	1	BL-PC107.01/1
		2	BL-PC107.01/2
		3	BL-PC107.01/3

Material: Plastic

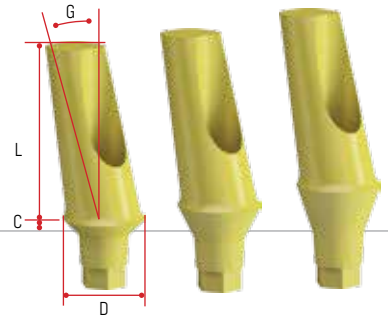


BL-PC107.01/1 h1 BL-PC107.01/2 h2 BL-PC107.01/3 h3

15° angled planning abutments Includes screw

L	D	C \ Fixture	G	item#
10	5.5	1	15°	BL-PC107.02/1
		2		BL-PC107.02/2
		3		BL-PC107.02/3

Material: Plastic

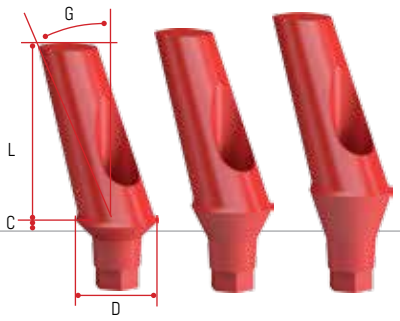


BL-PC107.02/1 h1 BL-PC107.02/2 h2 BL-PC107.02/3 h3

25° angled planning abutments Includes screw

L	D	C \ Fixture	G	item#
10	5.5	1	25°	BL-PC107.03/1
		2		BL-PC107.03/2
		3		BL-PC107.03/3

Material: Plastic



BL-PC107.03/1 h1 BL-PC107.03/2 h2 BL-PC107.03/3 h3

Planning abutment kit

Includes: 9 Planning abutments + 9 screws

000.07

Intended use
Intra & extra-oral planning of prosthetic restoration.

Characteristics
- Color-coded and well-marked on the holder and easily readable PLANNING abutments;
- Comprehensive PLANNING set containing all PLANNING abutments arranged clearly;
- Easy handling thanks to the plastic holder;
- Proper seating of PLANNING abutments verified through the clear-cut response from, the prosthetic connection;
- PLANNING abutments fabricated of sterilizable polymer material.

Note
Be sure to clean and sterilize the planning abutments following intra-oral use. Do not sterilize the PLANNING abutment cassette.

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, modify 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.


1


2


3


4


5


6

Titanium abutments

Intended use
Cement-retained restorations.

Characteristics
- 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);
- Oval shape resembles emergence profile of a natural tooth
- Reliable;
- Tapered connection (pure cone). Abutment and implant are linked so as to form a one-piece unit;
- Extractor system allows easy abutment removal from the implant or the analog.

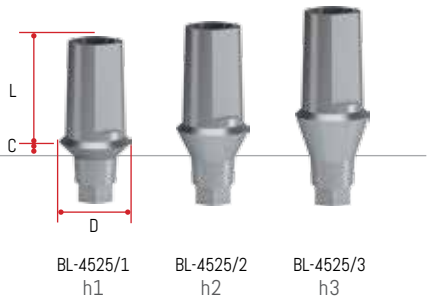
Note
The cement margin must not be more than 2 mm below the mucosa. Use a new basal screw for the final insertion of the abutment.

TIGHTENING: with torque ratchet 25 N=Ncm

BL Titanium ø5 abutments Includes screw

L	D	C \ Fixture	item#
8.8	4.8	1	BL-4525/1
		2	BL-4525/2
		3	BL-4525/3

Material: Titanium grade 5

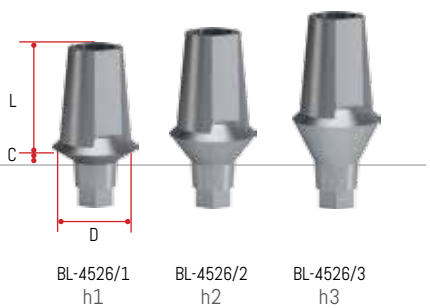


BL-4525/1 h1 | BL-4525/2 h2 | BL-4525/3 h3

BL Titanium ø6 abutments Includes screw

L	D	C \ Fixture	item#
8.8	5.95	1	BL-4526/1
		2	BL-4526/2
		3	BL-4526/3

Material: Titanium grade 5

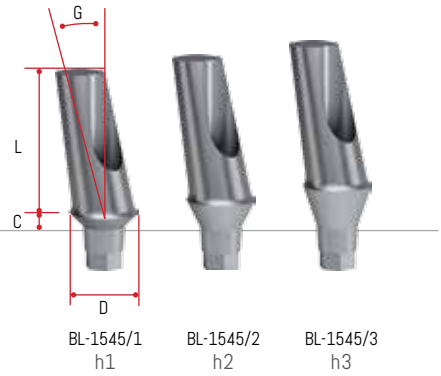


BL-4526/1 h1 | BL-4526/2 h2 | BL-4526/3 h3

BL Titanium 15° angled abutments ø5 Includes screw

L	D	C \ Fixture	G	item#
9	5	1	15°	BL-1545/1
		2		BL-1545/2
		3		BL-1545/3

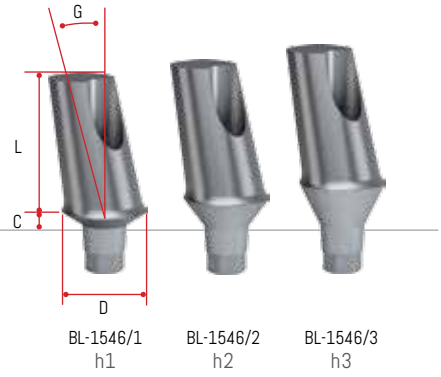
Material: Titanium grade 5



BL Titanium 15° angled abutments ø6 Includes screw

L	D	C \ Fixture	G	item#
9	6	1	15°	BL-1546/1
		2		BL-1546/2
		3		BL-1546/3

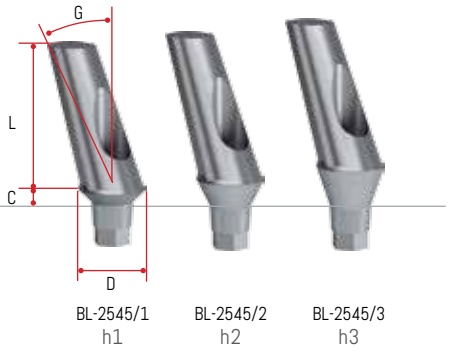
Material: Titanium grade 5



BL Titanium 25° angled abutments ø5 Includes screw

L	D	C \ Fixture	G	item#
9	5	1	25°	BL-2545/1
		2		BL-2545/2
		3		BL-2545/3

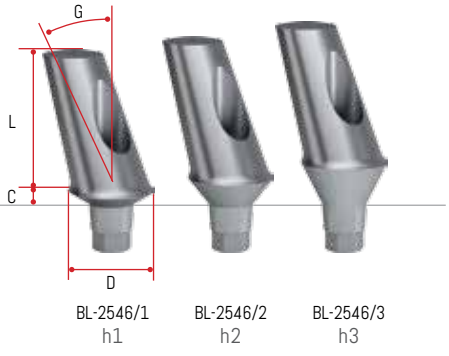
Material: Titanium grade 5



BL Titanium 25° angled abutments ø6 Includes screw

L	D	C \ Fixture	G	item#
9	6	1	25°	BL-2546/1
		2		BL-2546/2
		3		BL-2546/3

Material: Titanium grade 5

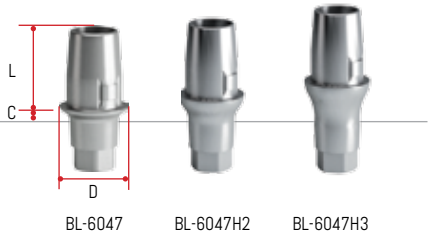


Titanium CEREC® base

Complete set includes titanium CEREC® base and prosthetic screw

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

Material: Titanium grade 5



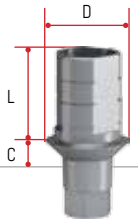
BL-6047 BL-6047H2 BL-6047H3

Titanium zirconium abutment

Complete set includes titanium base and screw

L	D	C
5	4.2	0.5

Material: Titanium grade 5



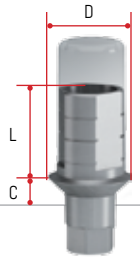
BL-6046

Titanium castable abutment

Complete set includes titanium base, casting cylinder and screw

L	D	C
5	4.2	0.5

Material: Titanium grade 5 and Plaxiglass



BL-6045

Gold castable abutment

Complete set includes gold base, casting cylinder and screw

L	D
8.8	5

Material: Gold Alloy (Au 59.8% - Pt 23.7% - Pd 154% - Ir 1.1%) and Plaxiglass

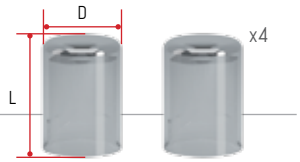
BL-6048

Casting cylinder

Casting cylinder for titanium base BL-6045, BL-6046, EL-6049, EL-6049/3

L	D
6.5	4.3

Material: Plaxiglass



EL-CAST
Single package

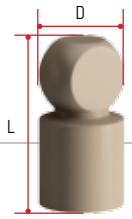
EL-CAST4
4 pieces

EL scan abutment

Compatible with EXOCAD, 3SHAPE and DENTALWINGS

L	D
10.6	4.8

Material: PEEK



EL-SCAN

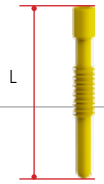
Abutment extractor screw

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

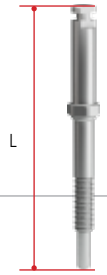


BL-6060

Latch driver prosthetic extractor

L
34.25

Material: Stainless steel



BL-6061

Titanium temporary abutments

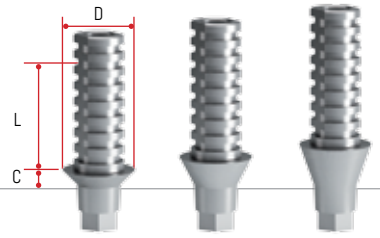
TIGHTENING: with torque ratchet 25 N=Ncm

Non rotating temporary abutments

Includes screw

L	D	C \ Fixture	item#
10	5	1	BL-4528/1
		2	BL-4528/2
		3	BL-4528/3

Material: Titanium grade 5



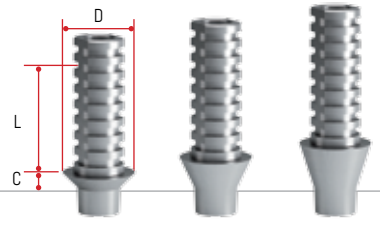
BL-4528/1 h1 | BL-4528/2 h2 | BL-4528/3 h3

Rotating temporary abutments

Includes screw

L	D	C \ Fixture	item#
10	5	1	BL-4528/1R
		2	BL-4528/2R
		3	BL-4528/3R

Material: Titanium grade 5



BL-4528/1R h1 | BL-4528/2R h2 | BL-4528/3R h3

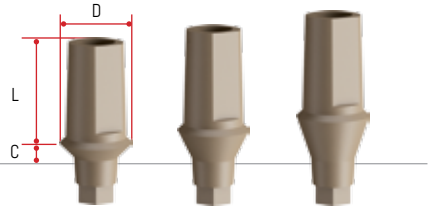
PEEK Temporary abutments

TIGHTENING: with torque ratchet 25 N=Ncm

BL PEEK ø5 abutments Includes screw

L	D	C \ Fixture	item#
7	5	1	BL-10704/1
		2	BL-10704/2
		3	BL-10704/3

Material: PEEK

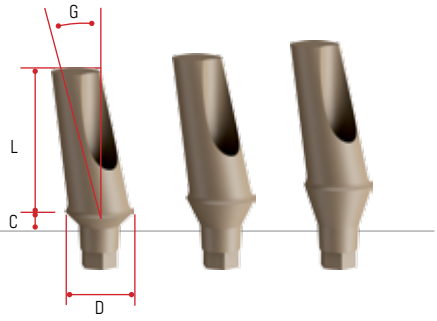


BL-10704/1 h1 | BL-10704/2 h2 | BL-10704/3 h3

BL PEEK 15° angled abutments ø5 Includes screw

L	D	C \ Fixture	G	item#
10	5	1	15°	BL-10705/1
		2		BL-10705/2
		3		BL-10705/3

Material: PEEK

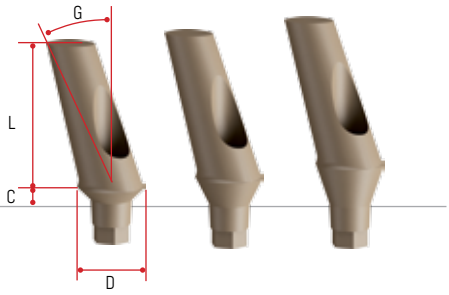


BL-10705/1 h1 | BL-10705/2 h2 | BL-10705/3 h3

BL PEEK 15° angled abutments ø5 Includes screw

L	D	C \ Fixture	G	item#
10	5	1	15°	BL-10706/1
		2		BL-10706/2
		3		BL-10706/3

Material: PEEK



BL-10706/1 h1 | BL-10706/2 h2 | BL-10706/3 h3

Temporary abutment kit

Includes: 9 temporary abutment + 9 screws

000.08

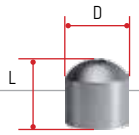
Screw-retained restorations

Screw retained/Multi Unit abutments are not intended for for single unit applications and should be used only with a minimum of 4 splinted units.

Healing Cap Screw

L	D
5.7	5

Material: Titanium grade 5



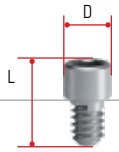
BL-7000

Bridge screw

IMPORTANT: torque for BL-6051 is max 15 Ncm

L	D
3.5	2

Material: Titanium grade 5



BL-6051

Closed tray transfer

L	D1	D2
8	4.2	5

Material: Titanium grade 5

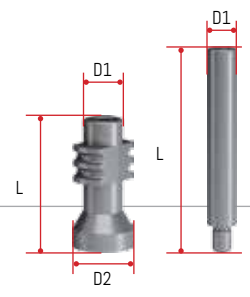
BL-7010

Open tray transfer

Complete set includes transfer and screw

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

Material: Titanium grade 5



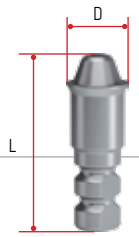
BL-7011

BL-7012
screw

Multi-unit analog

L	D
14.7	5

Material: Titanium grade 5



BL-5146

Straight multi-unit driver

L	D1	D2
19.3	7.9	4.8

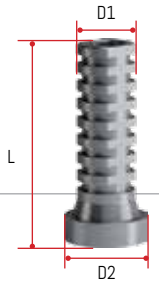
Material: Titanium grade 5

BL-0600

Temporary titanium abutment Includes bridge screw

L	D1	D2
12	3.5	5

Material: Titanium grade 5

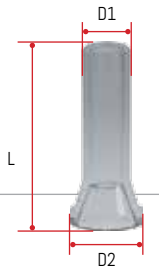


BL-4526

Castable abutment Includes bridge screw

L	D1	D2
1245	3.3	4.6

Material: Plexiglass



BL-5647

Metal holder

Material: Titanium grade 5

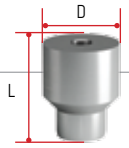
BL-7013

Screw-retained restorations

MUA SCAN Marker compatible with EXOCAD and OPEN TECHNOLOGIES scanners

L	D
10	8

Material: Plastic

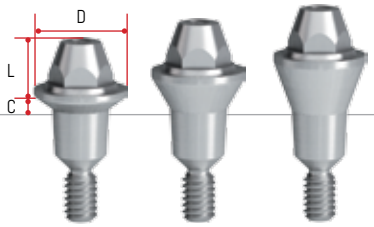


EL-MUASCAN

Straight abutments

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

Material: Titanium grade 5



BL-4750/1 BL-4750/2 BL-4750/3

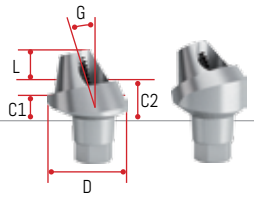
17° angled abutments

L	D	C1	C2	G	item#
7.75	4.5	1	2.5	17°	BL-1750/1
		2	3.5		BL-1750/2

Complete set includes: multi-unit angled abutment and prosthetic screw

TIGHTENING: with torque ratchet 15 N=Ncm

Material: Titanium grade 5



BL-1750/1 Complete set BL-1750/2 Complete set

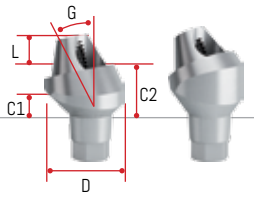
30° angled abutments

L	D	C1	C2	G	item#
2.5	5.5	1	3.5	30°	BL-3050/1
		2	4.5		BL-3050/2

Complete set includes: multi-unit angled abutment and prosthetic screw

TIGHTENING: with torque ratchet 15 N=Ncm

Material: Titanium grade 5



BL-3050/1 Complete set BL-3050/2 Complete set

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.

STEP 3
Shorten the cylinders down to the height of the occlusal plane.

STEP 4
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 5
Prepare the wax-up for investing and casting procedures.

STEP 6
Attach the resulting framework to the models and create final prosthesis.

STEP 7
Passively fit the resulting prosthesis onto the abutments.

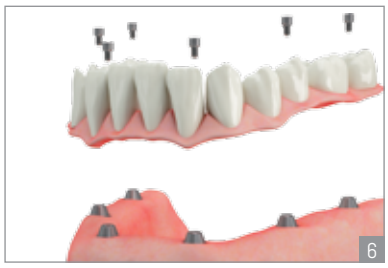

1


2


3


4


5


6

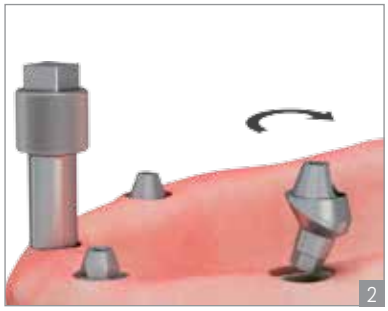
BL

Closed tray technique

STEP 1
Remove the healing abutments.

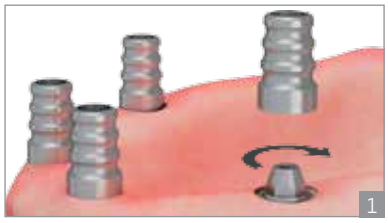
STEP 2
Screw the abutment into the implant using the torque ratchet (30 Ncm) and the Multi-unit Driver.


1

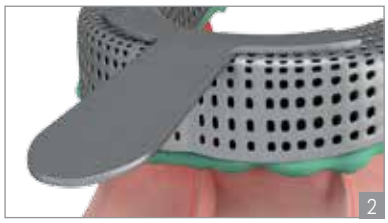

2

Surgical procedure

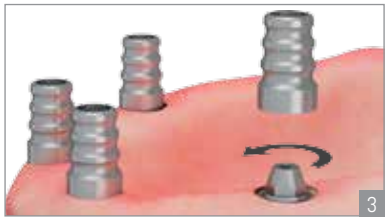
STEP 1
Screw each closed tray transfer onto the protruding abutments.


1

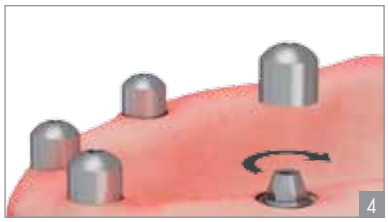
STEP 2
Take the impression using an elastomeric impression material (polyvinyl siloxan or polyether rubber).


2

STEP 3
Remove the closed tray transfer from the abutment.


3

STEP 4
Screw onto the abutments the healing cap screws so as to keep the soft tissue in place until the final prosthesis is completed.

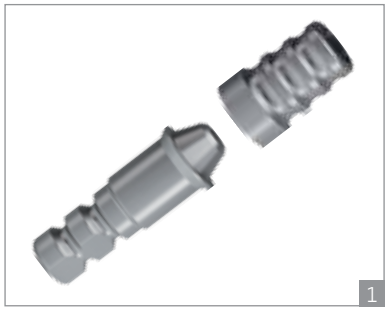

4

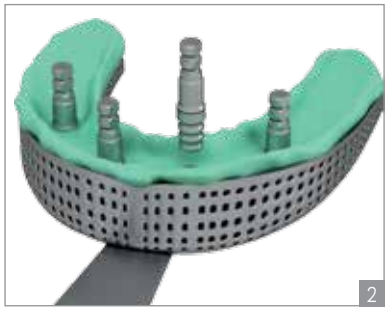
Laboratory procedure

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

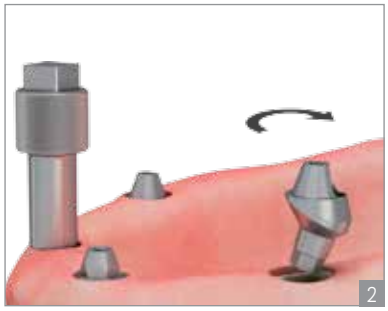

3

BL

Open tray technique

STEP 1
Remove the healing abutments.

STEP 2
Screw the abutment into the implant using the torque ratchet (30 Ncm) and the Multi-unit Driver.



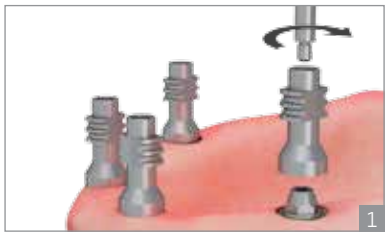
Surgical procedure

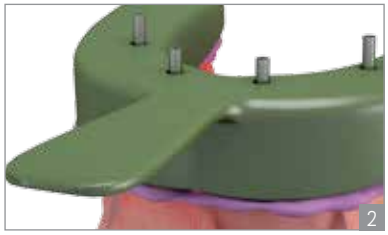
STEP 1
Screw the impression post accurately into the Multi-unit abutments and hand-tighten the guide screw.

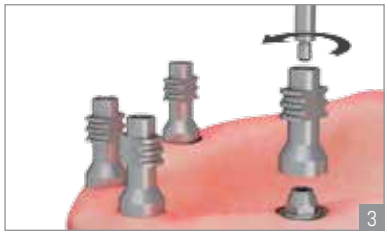
STEP 2
Make perforations in the custom-made impression tray (light cured resin) according to the individual situation so that the positioning screw of the impression post protrudes. Take the impression using an elastomeric impression material (polyvinyl siloxane or polyether rubber).

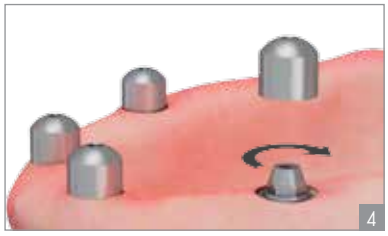
STEP 3
Unscrew the opened tray transfers from the abutment.

STEP 4
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
The laboratory will prepare the tray for the clinician by preplanned openings in the tray from which the impression posts will protrude. The tray will in turn be given to the clinician to take the impression.

STEP 2
Reposition and fix the analog in the impression using the screw.

STEP 3
Master model.


1


2


3

Bar

Multi-unit Analog

L	D
14.7	5

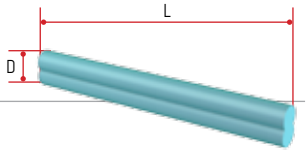
Material: Titanium grade 5

BL-5146

OT-Bar

L	D
23	2

Material: Polystyrene Shockproof ABS

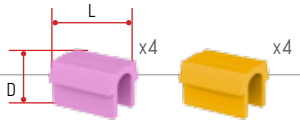


0220BB

Clip Set includes 4 pcs

L	D	item#
5	3	027CRR
		027CRG

Material: Rylsan



027CRR
Soft

027CRG
Medium

Castable abutment

L	D1	D2
1245	3.3	4.6

Complete set includes: CASTABLE abutment and bridge screw BL-6051

Material: Plexiglass

BL-5647

STEP 1
Place the castable Multi-unit abutments on the analogs and tighten the Multi-unit internal screws.

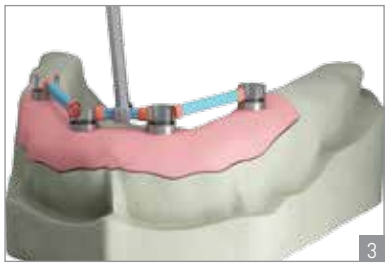
STEP 2
Make height adaptations according to the individual situation.

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

O-Ball attachment system

O-ball abutment driver

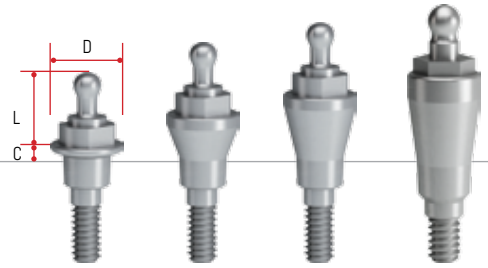
L	D1	D2
19.3	7.9	4.8

Material: Titanium grade 5

BL-0600

O-ball

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



BL-5641 Complete set | BL-5642 Complete set | BL-5643 Complete set | BL-5645 Complete set

Complete set includes:

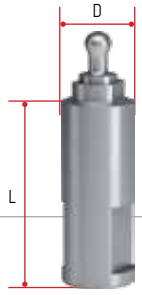
1. O-Ring (Ref. MC-3005) 1 piece
2. Metal Housing (Ref. MCH-2)
3. O-Ball Abutment (Ref. BL-5641, BL-5642, BL-5643, BL-5645)

Material: Titanium grade 5

O-ball analog

L	D
11.5	4

Material: Titanium grade 5



BL-5144

Caps soft retention

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

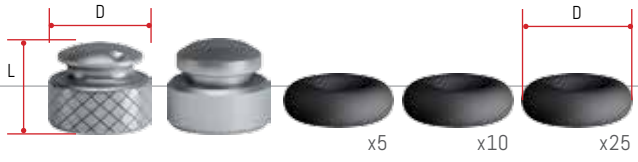
Caps medium & hard retention

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

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

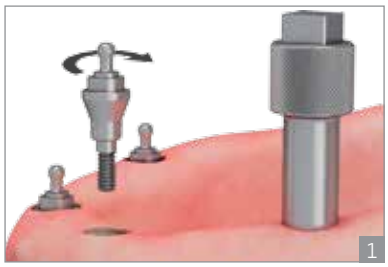
Characteristics
- The clinical process for the ball attachment is quick and easy;
- Functional;
- The O-ring attachment is designed to virtually eliminate wear on the Ball Abutment and minimize the need for maintenance;
- 3 different gingival heights;
- 3 different O-ring resistances offering optimal retention for every individual 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 (30 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

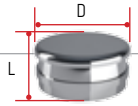

3

Anchor abutment system

Metal housing 2 pieces

L	D
4.5	1.98

Material: Titanium grade 5

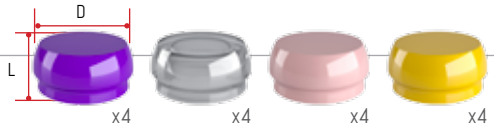


141CAE

Caps 4 pieces

L	D
3.85	1.73

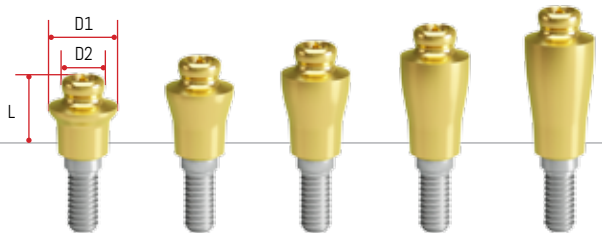
Material: 140CEV - kepital
140CET/140CER/140CEG - pebax



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

Anchor abutment

L	D1	D2	item#
24	4.3	2.5	130BL1
34			130BL2
44			130BL3
54			130BL4
64			130BL5



130BL1	130BL2	130BL3	130BL4	130BL5
h1	h2	h3	h4	h5

Complete set includes:

1 Anchor abutment (Ref. 130BL1, 130BL2, 130BL3, 130BL4, 130BL5)
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 cap - black (Ref.140CEN)

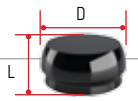
Material: Titanium grade 5

Laboratory accessories

Processing caps - black 4 pieces

L	D
4.5	1.98

Material: Rilsan



140CEN

Impression coping 2 pieces

L	D
9	3.7

Material: Acetal

144MTE

Laboratory analog 2 pieces

L	D1	D2
15.6	4.3	2.5

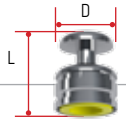
Material: Stainless steel AISI 303

144AE

Pull-off impression coping

L	D
5.5	4.6

Material: Stainless steel AISI 303

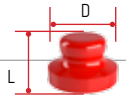


044CAIN

Castable cap

L	D
3	4.3

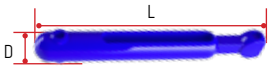
Material: Crystal polystyrene



151SS

Surgical instruments

Blue plastic “multiuse” insertion tool



124ICP

L	D
83	11

Material: Nylon

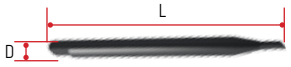
Metal insertion tool for caps

185IAC

L	D
40	4

Material: Stainless steel

Metal extractor tool for caps

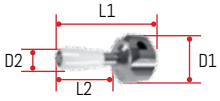


191ECS

L	D
40	4

Material: Stainless steel

OT-Equator square screw driver for implant abutment

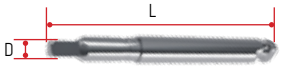


774CHE
square
1.25 mm

L1	L2	D1	D2
17	10.5	9	3.5

Material: Stainless steel

Square driver connector for torque



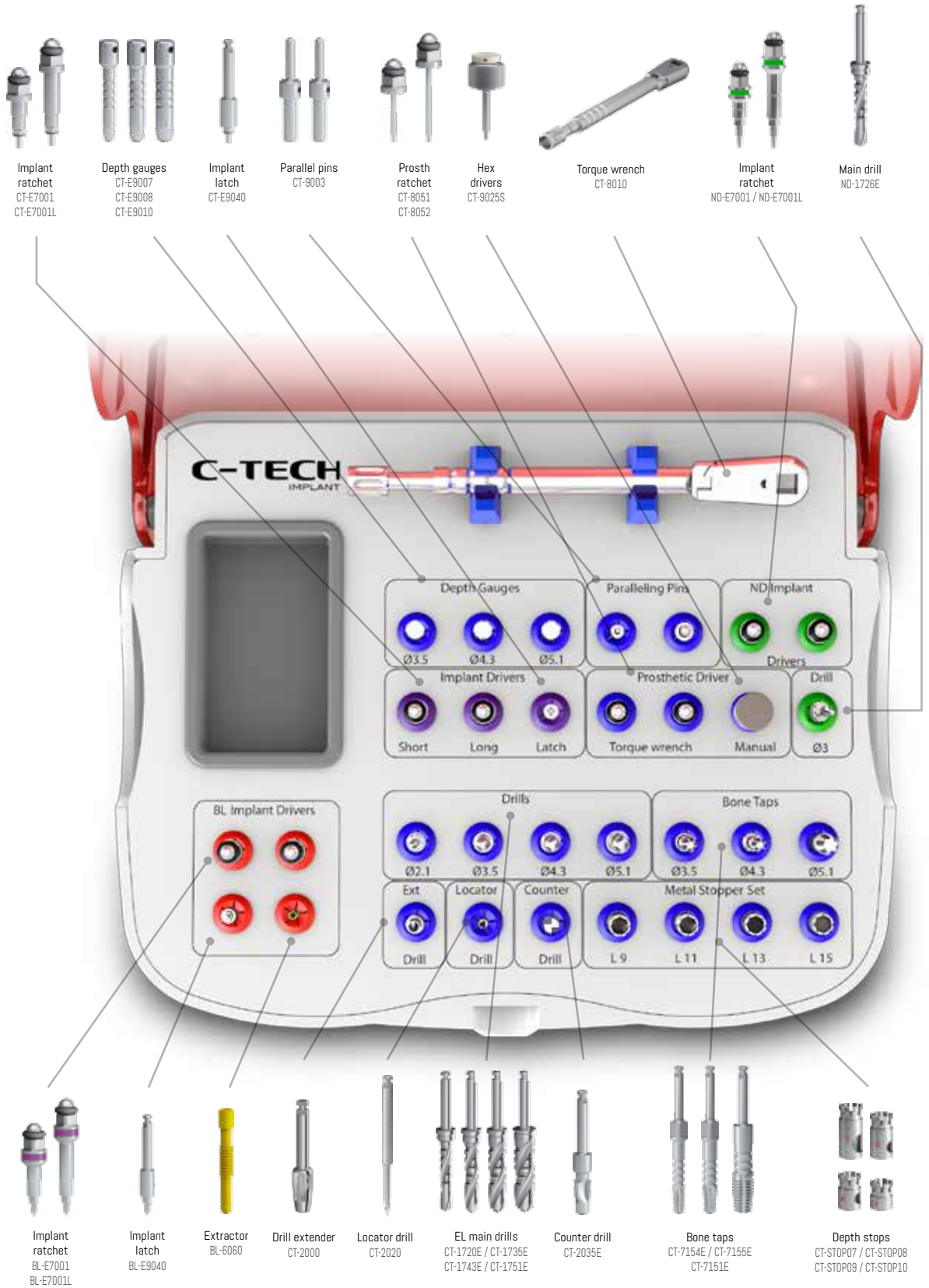
760CE

L	D
22	2.3

Material: Stainless steel

Surgical Kit

SUR.KIT.01



REDUCED Surgical Kit

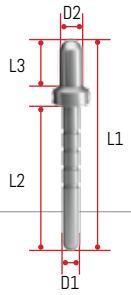
BL-SUR.KIT.02

Instrumentation

Combined depth paralleling pins

L1	L2	L3	D1	D2
23.5	16.5	5.5	1.9	2.5

Material: Stainless steel

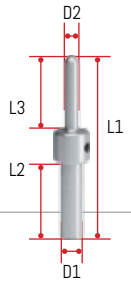


CT-PIN1
1.9 mm
2.5mm

Paralleling pin

L1	L2	L3	D1	D2
24.25	10.25	10	3.05	1.85

Material: Stainless steel

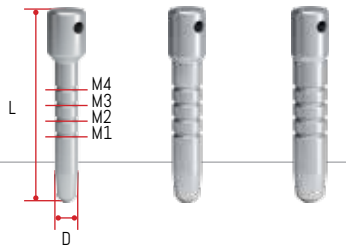


CT-9003
1.6 mm
2.0mm

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: Stainless steel



CT-E9007
ø 3

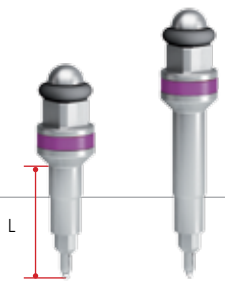
CT-E9008
ø 3.8

CT-E9010
ø 4.6

Implant ratchet driver With retention

L	item#
10.8	BL-E7001
17.8	BL-E7001L

Material: Stainless steel



BL-E7001

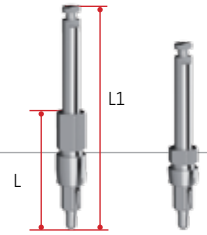
BL-E7001L

Instrumentation

Implant latch With retention

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

Material: Stainless steel

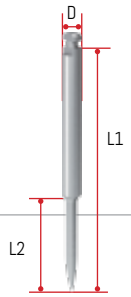


BL-E9040L BL-E9040

Locator drill

L1	L2	D
29	15	1.6

Material: Stainless steel

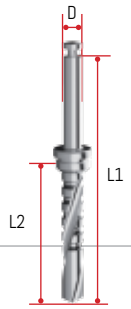


CT-2020

Initial drill

L1	L2	D
35.2	17.2	2.1

Material: Stainless steel



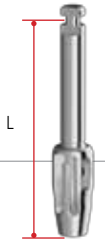
CT-1720E

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 implant driver extension.

Material: Stainless steel

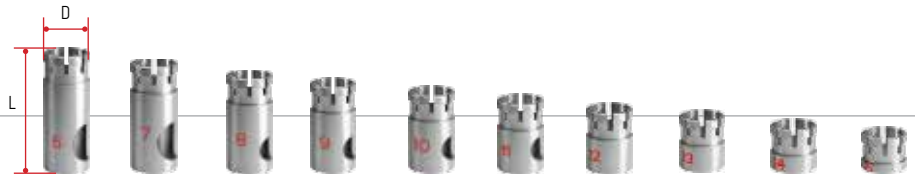


CT-2000

Stops

L	D	item#
6	5.2	CT-STOP06
7		CT-STOP02
8		CT-STOP01
9		CT-STOP07
10		CT-STOP03
11		CT-STOP08
12		CT-STOP12
13		CT-STOP09
14		CT-STOP14
15		CT-STOP10

Material: Titanium grade 5



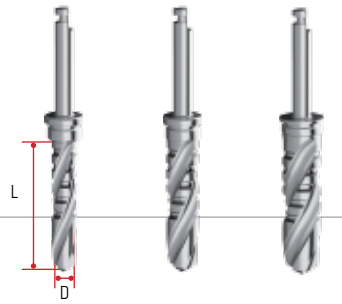
CT-STOP06 Stop L.6 | CT-STOP02 Stop L.7 | CT-STOP01 Stop L.8 | CT-STOP07 Stop L.9 | CT-STOP03 Stop L.10 | CT-STOP08 Stop L.11 | CT-STOP12 Stop L.12 | CT-STOP09 Stop L.13 | CT-STOP14 Stop L.14 | CT-STOP10 Stop L.15

Main drills

L	D \ Fixture	item#
19.2	3.3	CT-1735E
	4	CT-1743E
	4.8	CT-1751E

IMPORTANT: Depth: Minimum 1mm deeper than length of implant is to allow for subcrestal seating.

Material: Stainless steel

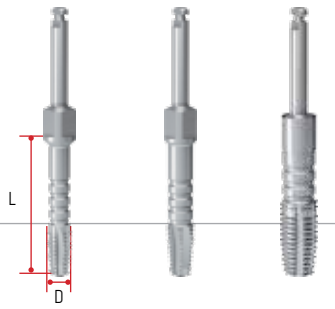


CT-1735E | CT-1743E | CT-1751E

Bone tap

L	D \ Fixture	item#
18.66	345	CT-7154E
	4.1	CT-7155E
	4.9	CT-7151E

Material: Titanium grade 5

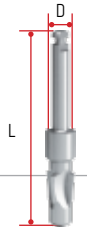


CT-7154E | CT-7155E | CT-7151E

Counterbore

L	D
27.5	4.6

Material: Titanium grade 5



CT-2035E

Instrumentation

Hex drivers

L	item#
12.5	CT-9025S
18.5	CT-9025

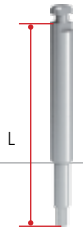
Material: Stainless steel

CT-9025S CT-9025

Prosthetic latch driver

L
26.5

Material: Stainless steel

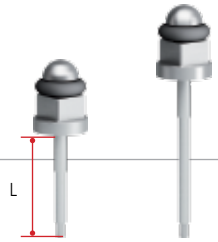


BL-9019

Torque wrench attachments

L	item#
12.5	CT-8051
18.5	CT-8052

Material: Stainless steel

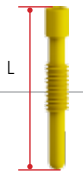


CT-8051 CT-8052

Prosthetic extractor

L
14.2

Material: Titanium grade 5

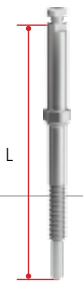


BL-6060

Latch driver prosthetic extractor

L
34.25

Material: Stainless steel

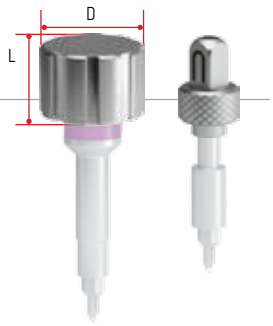


BL-6061

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

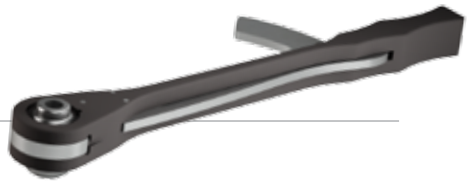
Torque Wrench 50Ncm

Material: Stainless steel

CT-8010

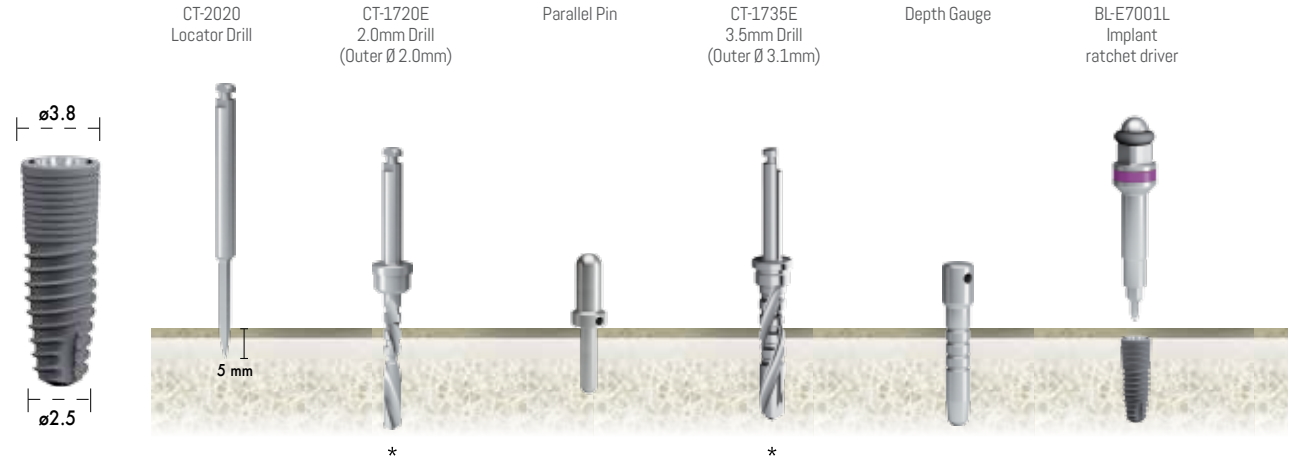
Torque Wrench PEEK

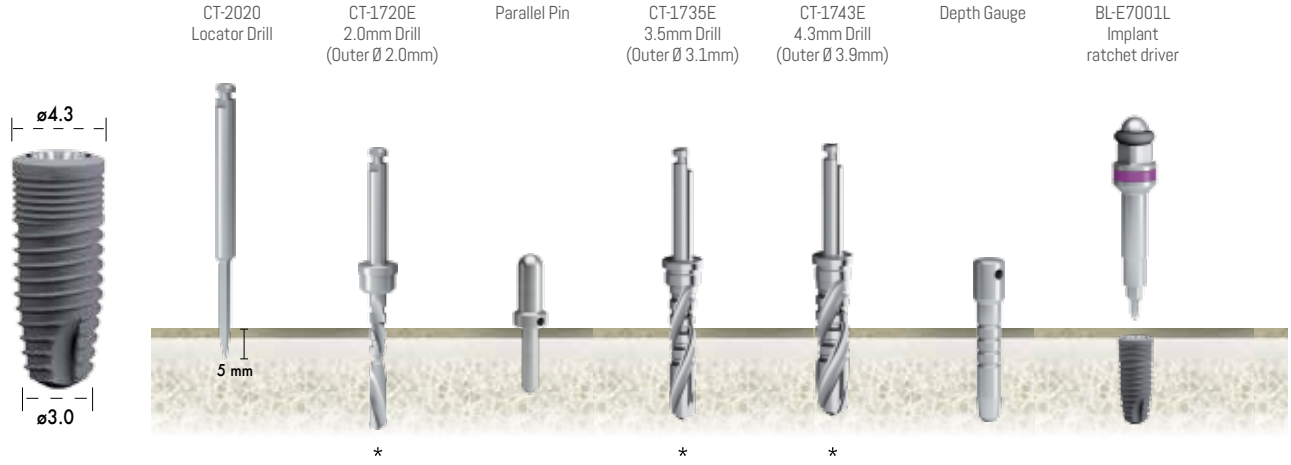
Material: Stainless steel and PEEK

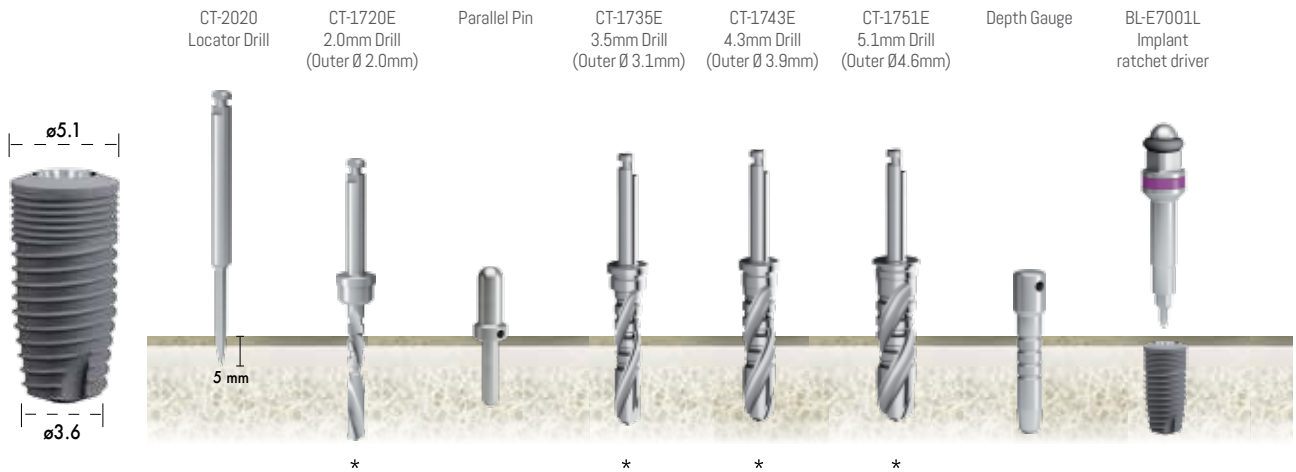


CT-8010PEEK

Site preparation D2/D3



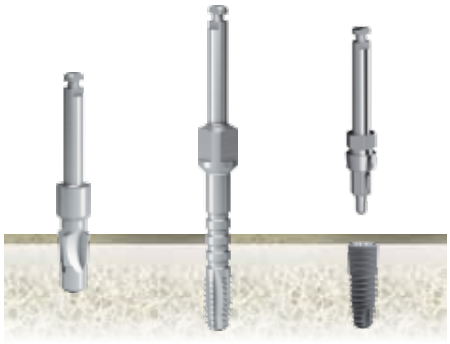




IMPORTANT: An additional 0.4 mm must be added to the length of the drill to account for the angled cutting tip.
*Depth: Minimum 1mm deeper than length of implant is to allow for subcrestal seating.

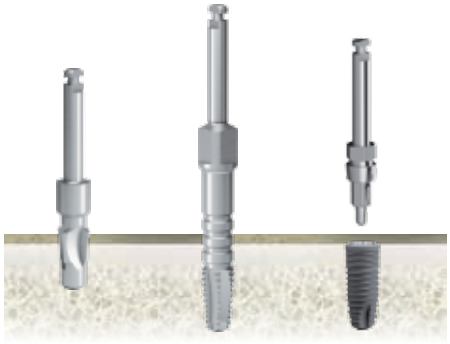
D1 additional steps

CT-2035E Irrigated Counterbore | CT-7154E 3.5mm Bone Tap (Outer Ø 3.4mm) | BL-E9040 Implant latch driver



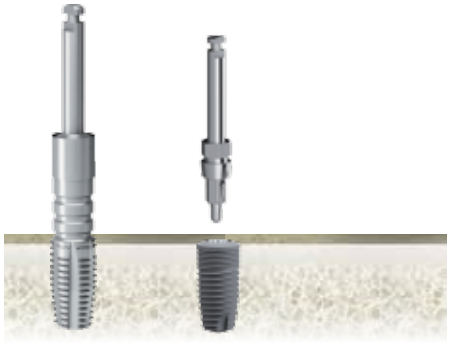
*

CT-2035E Irrigated Counterbore | CT-7155E 4.3mm Bone Tap (Outer Ø 4.2mm) | BL-E9040 Implant latch driver



*

CT-7151E 5.1mm Bone Tap (Outer Ø 5.0mm) | BL-E9040 Implant latch driver

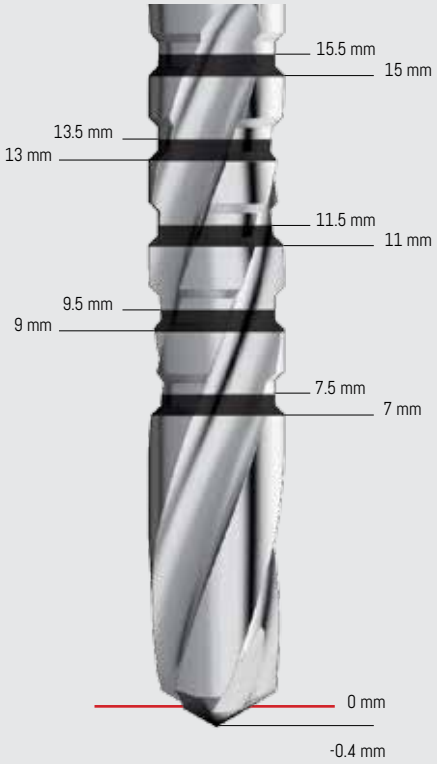


*

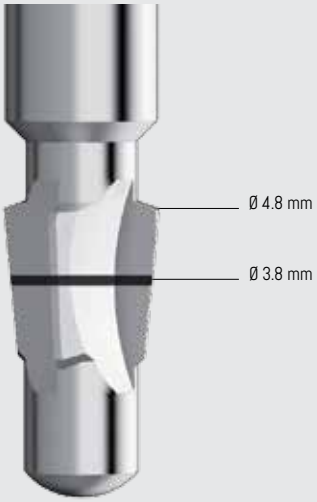
Note: Metal stoppers can not be mounted on ø 5.1 drills

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 sub crestally, thus for a 13 mm implant, one should drill to the 14 mm. The use of metal stop is recommended.



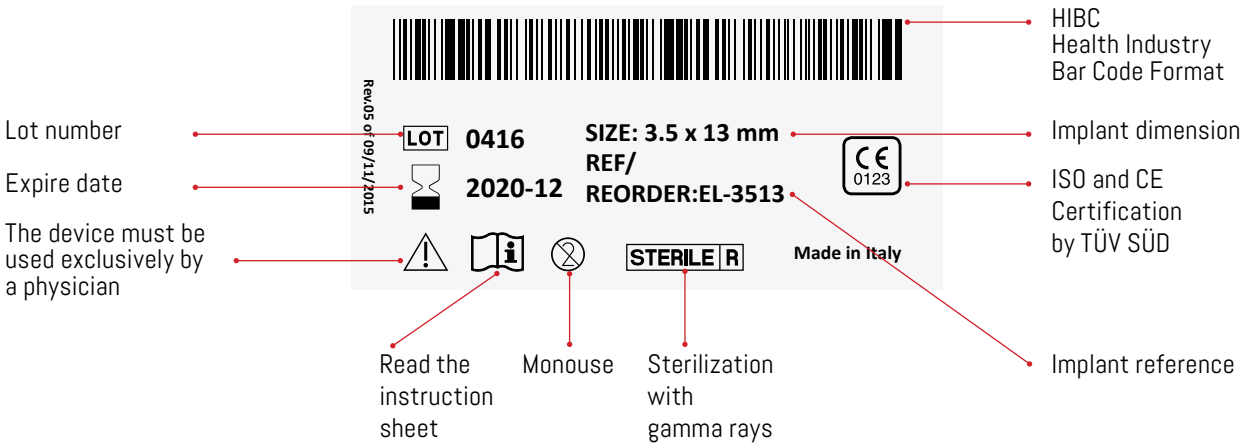
Counterbore



Implant packaging

The implant packaging is endowed with 3 levels of security; 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



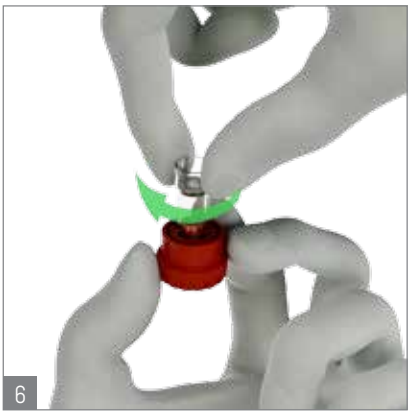

1


2


3


4


5


6


7


8


9

English version

REV. 01 / 01-2016

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
www.c-tech-implant.com

Follow us on facebook
/CTechImplant