



Implant CONICAL NARROW

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All devices manufactured by C-TECH follow validated processes, which include surface treatment and packaging, in compliance with European and international regulations ISO 13485, 93/42/EEC, and MDR 2017/745 related to the manufacturing of medical devices.



OUR HISTORY

Emilia-Romagna, 1964.

The history of C-Tech begins in this Italian region that, over the years, has become globally known thanks to the work and creativity of its industries and its people.

Our origins started exactly there, with a precision machining workshop. At the beginning, we produced high precision parts for the automotive, aeronautical and the medical device industries. Then, due to our experience in producing orthopedic implants, in 1966 we received our very first order for a dental implant.

Following the increasing success of our products, we specialized in the production, treatment, packaging and certification of dental implants for other companies. Our vast expertise in the design, production and certification of implants finally resulted in the creation of our own brand in 2010.

Since then, we quickly expanded and our production facilities are now completely dedicated to satisfying our growing market demands.

Currently C-Tech offers 4 different implant lines, its own CAD/CAM milling center, as well as guided surgery planning services.



WHO IS C-TEC TODAY

We are an Italian company based in San Pietro in Casale, a town in the metropolitan area of Bologna. This area, as well as the entire Emilia-Romagna region, represents a territory long known in Europe for its tradition and know-how in the production of high precision mechanical components.



Our production facilities are among the finest in Europe and we use our expertise in implant design to make the best and most up to date implant systems and implant-based services. In addition to in house production, our facilities include a guided surgery planning, a milling centre and a training centre.



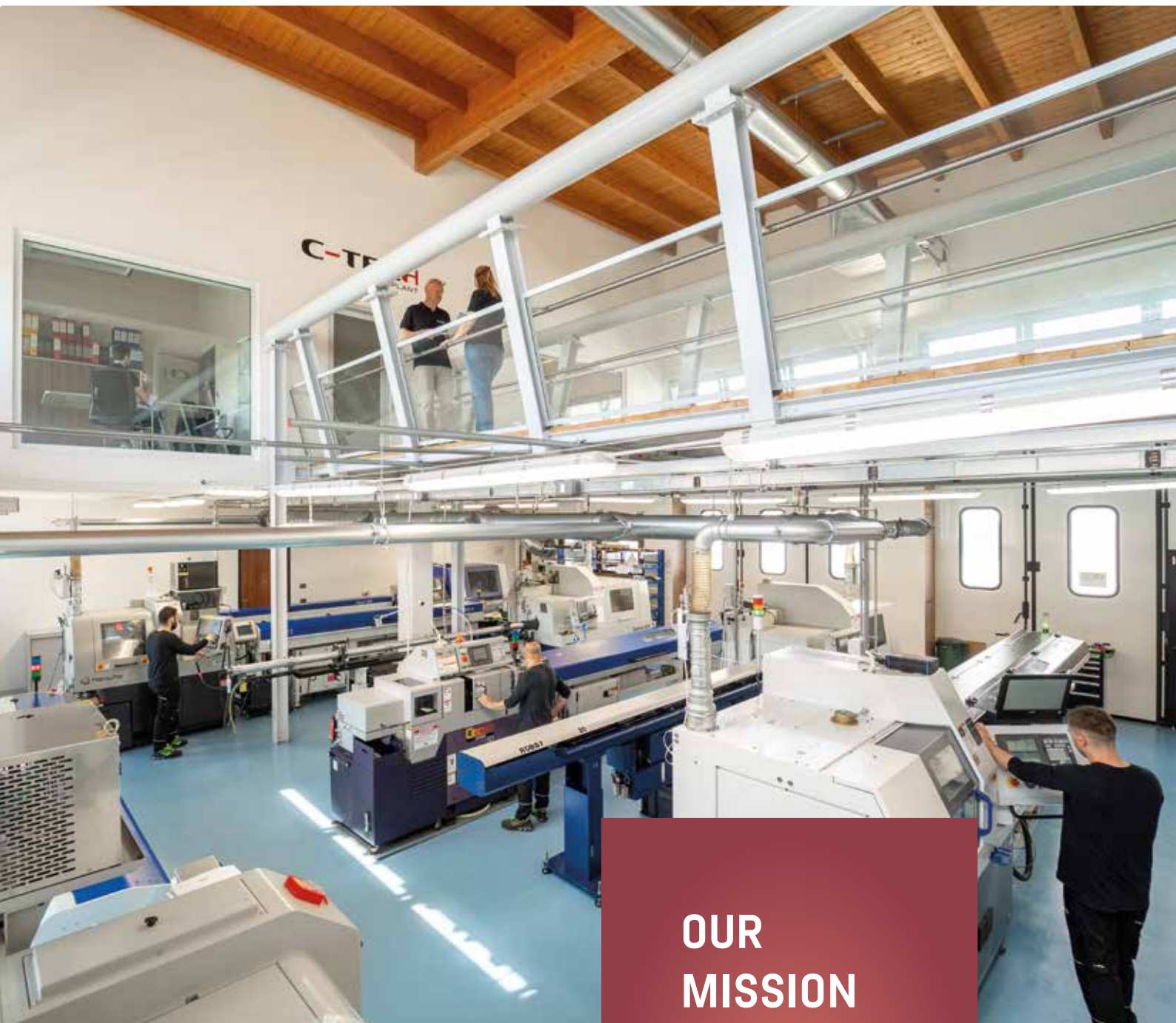
To back up our designs, we carry our research and long-term studies in the leading universities in Europe, while regularly publishing articles and studies on our products.

With our main markets consisting of Italy, Germany and China, we are certified and export our products to over 34 countries.



We also provide educational and training opportunities on a regular basis, both in our headquarters and abroad. This important service aims to address a critical aspect of dental and medical products: the required education to correctly use them.

For this reason, our training activities aim to help professionals in reaching their full potential, while providing the patient the highest level of care.



OUR MISSION

To provide the highest quality product, service, education and dental implantology solutions to the world's dental practitioners.

The **Conical Narrow** line represents the latest evolution of C-Tech Implant's aesthetic success concept, applied to reduced diameters. Years of experience in the design and production of dental implants have allowed the company to develop unique expertise in engineering high-performance solutions. The design of C-Tech implants is driven by the need to achieve and maintain the aesthetic success sought by both clinicians and patients.

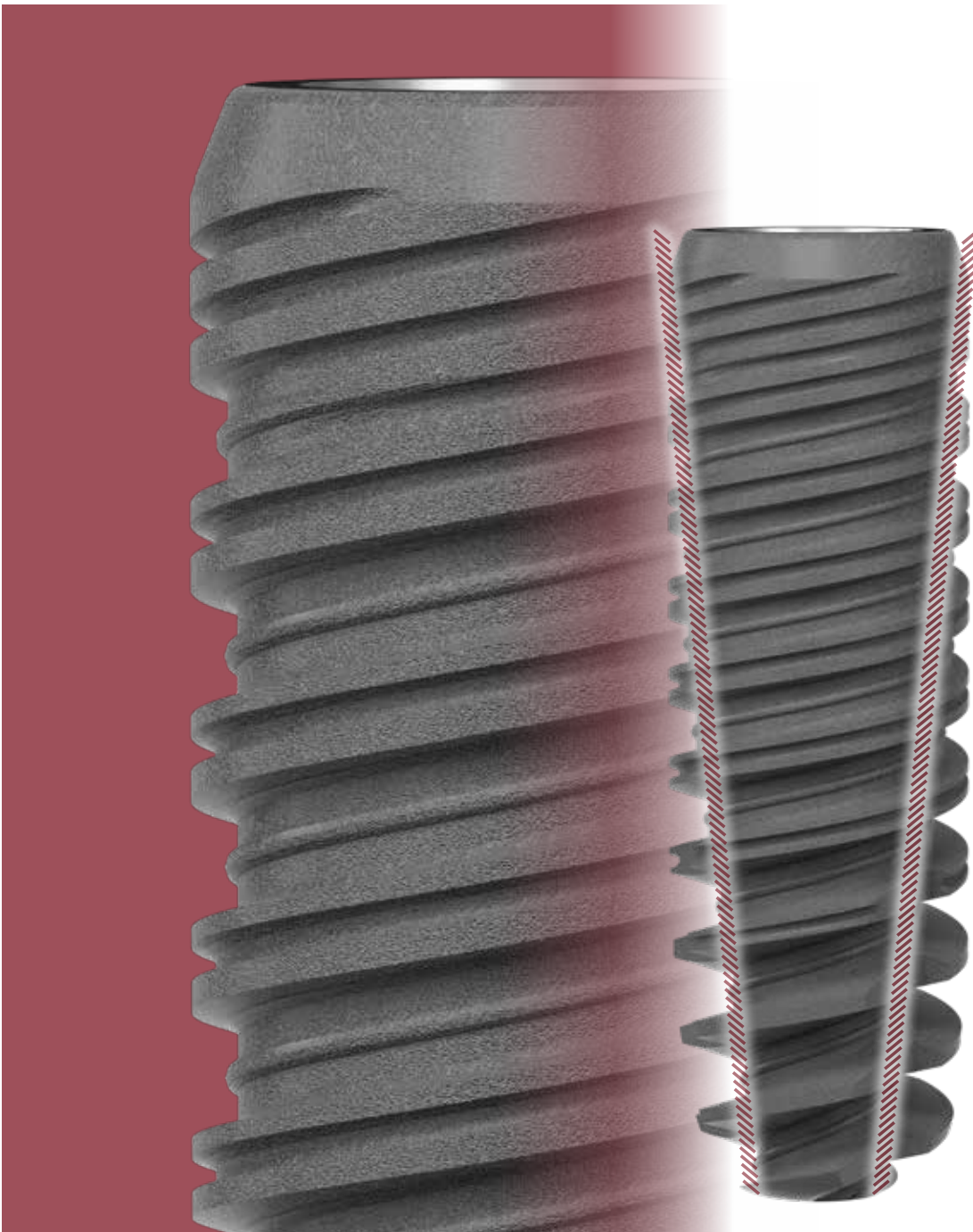
Thanks to new technologies, C-Tech has revolutionized the typical connection used for "slim" implants by applying our Morse taper philosophy to the reduced diameters of 3.1 and 3.4 mm. The **Conical Narrow** is, in fact, a reduced-diameter implant with a 5-degree true Morse taper connection and a pass-through prosthetic screw with a diameter of 1.6 mm. Additionally, it features a sole prosthetic platform for the two implant diameters.

The Conical Narrow implant's prosthetic line offers one of the widest ranges of options and innovations for a narrow diameter line, whether working analogically or digitally. All CN prosthetics are endowed with a Morse locking connection, effectively transforming the implant and abutment into a single structure – without gaps and without screw loosening.



A good example of this innovation within the CN prosthetic line are the OMNI components. These abutments initially act as healing abutments, but once healing is completed they remain in position and become screw-retained abutments. The tissue seal of the healing abutment is therefore preserved, providing better aesthetic results, improved protection of the underlying bone, and allowing the practitioner to work comfortably at tissue level.

The concept is based on a simple driving principle: to preserve the height of the crestal bone and maintain the overlying gingival thickness, preventing bone loss after implant placement and prosthetic restoration, and thus ensuring long-term aesthetic success.



Platform switching

- Reduces crestal bone loss
- Better representation of the biological width
- Long term esthetic stability

Bevelled shoulder

- Removes possible stress points in the crestal bone
- Facilitates bone growth over the shoulder
- Enables a platform switching effect also at bone level
- Biological repartition of the forces in the bone

Subcrestal seating

- Thanks to its design and choice of prosthetics, the implant can be placed subcrestally or at bone level
- Hinders exposure of the implant
- Long term esthetic stability
- Ideal for the esthetic zone

Thin micro threaded collar

- Crestal bone maintenance
- Reduction of trauma to the crestal bone

Aggressive thread in thread geometry

- Optimal bone to implant contact
- Excellent primary stability

Gradual conical shape along the complete length of the implant

- Excellent Linear primary stability along the length of insertion
- Smooth insertion into hard bone
- Superior performance in soft bone





Concave Esthetic Prosthetics Concept (CEPC)

- Increased biological width
- Facilitates the papilla reconstruction technique

Cold weld seal

- Added protection against bacteriological infiltration

Cono Morse locking with conical prosthetic connection

- Elimination of the micro gap
- Elimination of micro movements
- Elimination of bacteriological colonization of the gap
- Elimination of prosthetic screw loosening

Single prosthetic platform for 2 diameters

- 3.1 and 3.4 mm implant diameters
- 1.6 mm diameter prosthetic screw
- Reduced inventory despite abundant gingival management choice

Aggressive apical design

- Solid anchor into softer bone
- Self tapping

Rounded apex

- Protection of sinus floor and nerve canal

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.



Tamper-evident seal

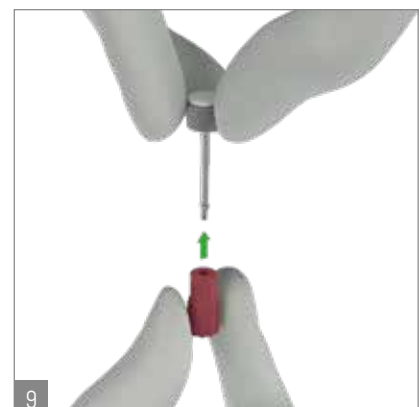
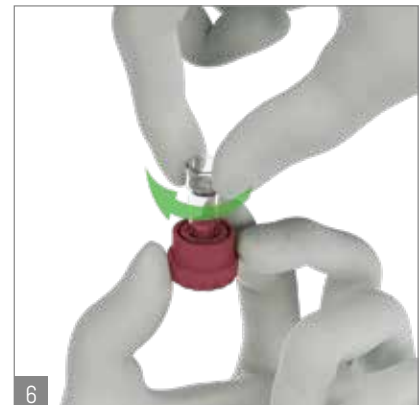
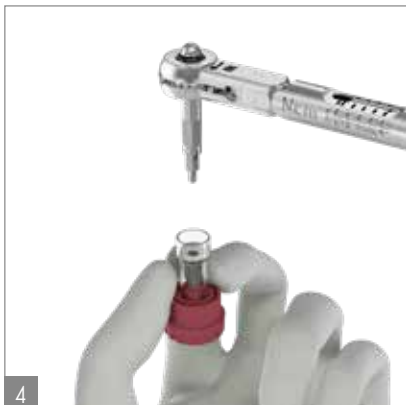
Implant labeling

The label for the C-TECH CN Conical Narrow Implant contains the following information:

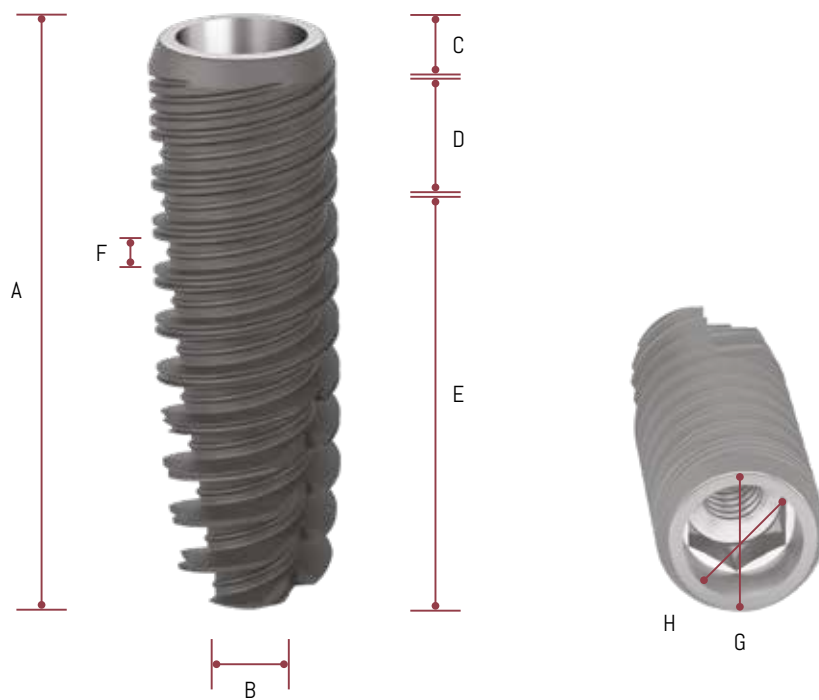
- Lot number:** XXXX
- Production date:** 05/05/26
- Expiration date:** 02/08/29
- Unique Device Identifier (UDI):** (11)240902, (17)290802, (10)XXXX
- Notified body registration number by TÜV Rheinland Italia:** (01)08052961021930
- Implant dimension:** Ø 3,1 L. 09 MM
- Implant code/reference:** REF CN-3109

Additional information on the label includes the C-TECH logo, the CE mark, and the text "Made in Italy".

Implant vial protocol



Dental Implants



CN Implant $\varnothing 3.1$

Material: titanium grade 5

G	3.1	3.1	3.1
A	9	11	13
B	0.8	0.8	0.8
C	0.5	0.5	0.5
D	2.0	2.0	2.0
E	6.5	8.5	10.5
F	0.5	0.5	0.5
H	2.0	2.0	2.0



CN-3109
9 mm

CN-3111
11 mm

CN-3113
13 mm

CN Implant $\varnothing 3.4$

Material: titanium grade 5

G	3.4	3.4	3.4
A	9	11	13
B	0.9	0.9	0.9
C	0.5	0.5	0.5
D	2.0	2.0	2.0
E	6.3	8.3	10.3
F	0.5	0.5	0.5
H	2.0	2.0	2.0



CN-3409
9 mm

CN-3411
11 mm

CN-3413
13 mm

C-Tech abutment extraction

3 possible solutions:

- Manual (Short and Long)
- Combined (Screw + Screwdriver)

Screwing/tightening process

Screw on the crown and tighten to 25 Ncm.

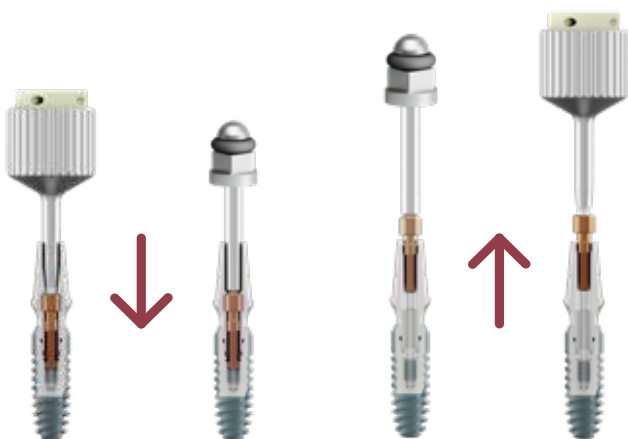
Unscrewing process

Unscrew the internal screw using the manual or ratchet driver.

Remove the prosthetic screw.

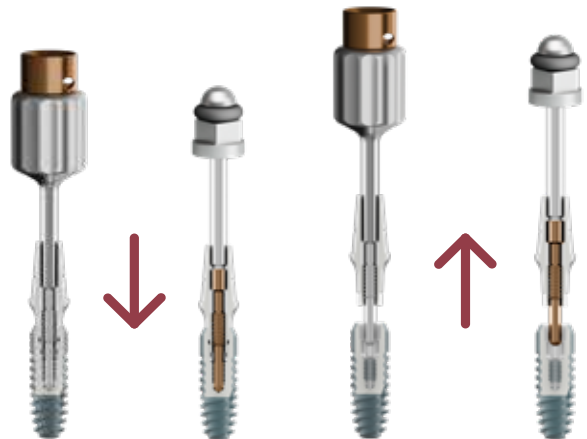
Extraction

Insert the manual extractor in place of the removed internal screw and turn clockwise until the abutment/base comes out of the implant.



Screwing/tightening process

Unscrewing process



Extraction

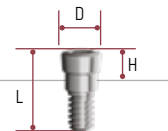
Titanium healing abutments

CN cover screw

H	L	D
1.8	4.8	2.4

TIGHTENING: with torque ratchet 10 Ncm

Material: titanium grade 5



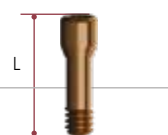
CN-3008

CN Prosthetic screw

L
6.8

TIGHTENING: with torque ratchet 20 Ncm

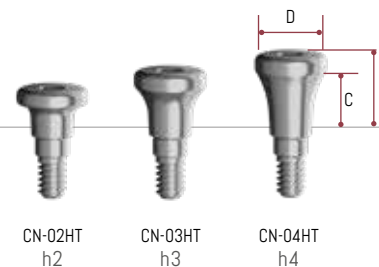
Material: titanium grade 5



CN-5052

CN titanium healing abutments ø4

D	L	Fixture	C	#
4	1.8		0.9	CN-02HT
	2.8		1.9	CN-03HT
	3.8		2.9	CN-04HT



CN-02HT
h2

CN-03HT
h3

CN-04HT
h4

TIGHTENING: with torque ratchet 10 Ncm

Material: titanium grade 5

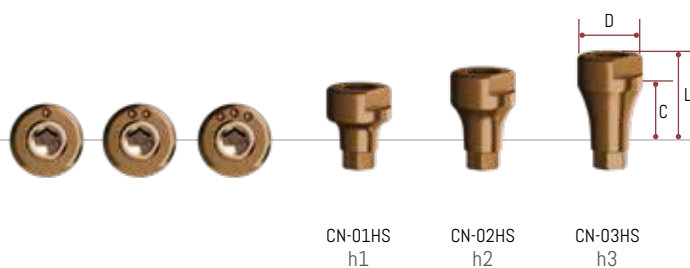
Healing scan abutments

The healing abutment also functions as a scan body, so there's no need to remove it until final healing is complete.

- Dots to identify the height of the healing scan
- Thread for extractor
- Flat part for matching in software design.

CN Healing scan abutments ø4

D	L	Fixture	C	#
4	3		1.5	CN-01HS
4	4		2.0	CN-02HS
4	5		3.0	CN-03HS



CN-01HS
h1

CN-02HS
h2

CN-03HS
h3

TIGHTENING: with torque ratchet 10 Ncm

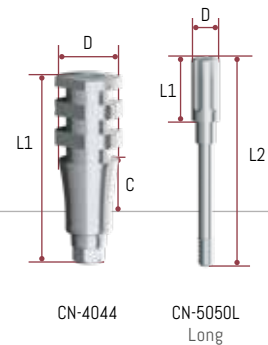
Includes prosthetic screw CN-5052

Open tray impression transfers

Open tray impression post Includes CN-5050L

L1	L2	D	C	#
12.8	-	4.5	5.0	CN-4044
6.8	22	3.0	-	CN-5050L

Material: Titanium grade 5

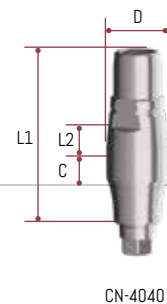


Closed tray impression transfers

Non engaging closed tray transfers Include screw and impression cap (EL-4547)

L1	L2	D	C	Fixture	#
11.35	1.5	4.0		2.0	CN-4040

Material: Titanium grade 5



PEEK Impression Cap for titanium or PEEK Abutments

L	D
6	6.5

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

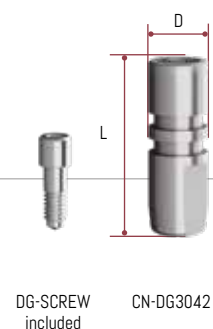
Material: PEEK



Analog

L	D
9.5	3.2

Material: Titanium grade 5



Titanium abutments

Intended use

Cement-retained restorations.

Characteristics

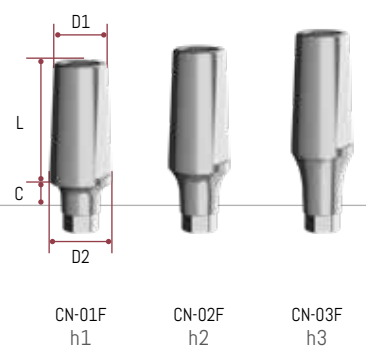
- Concave esthetic concept (CEC) abutments allow the maintenance of the maximum amount of gingival volume around the abutment. The CEC helps to provide a gingival seal against the bacteria in the oral cavity as well as to promote a natural emergence profile.
- Less grinding necessary due to prepared mucosa margins.
- Adaptation to natural soft tissue contour due to prepared mucosa margins in different heights (H1, H2, H3).
- 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.

CN Titanium $\varnothing$ 4 straight abutments Includes prosthetic screw CN-5052

L	D1	D2	C	Fixture	#
7.5	3.2	3.8		1.1	CN-01F
				2.0	CN-02F
				3.0	CN-03F

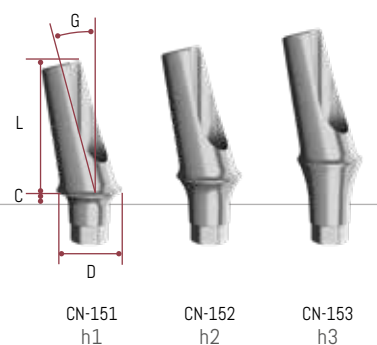
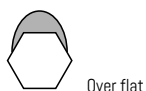


TIGHTENING: with torque ratchet 20 Ncm

Material: titanium grade 5

CN Titanium 15° angled abutments Includes prosthetic screw CN-5052

L	D	C	Fixture	G	#
7.5	3.8	1.1	15°		CN-151
		2.0			CN-152
		3.0			CN-153



TIGHTENING: with torque ratchet 20 Ncm

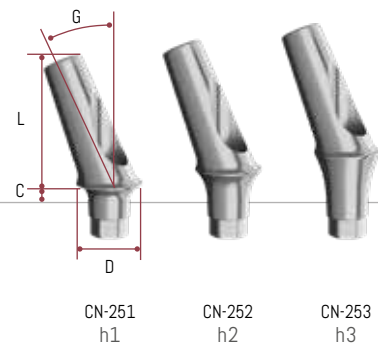
Material: titanium grade 5

CN Titanium 25°angled abutments Includes prosthetic screw CN-5052

L	D	C	Fixture	G	#
7.5	3.8	1.1	25°		CN-251
		2.0			CN-252
		3.0			CN-253



Over flat



CN-251
h1

CN-252
h2

CN-253
h3

TIGHTENING: with torque ratchet 20 Ncm

Material: titanium grade 5

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

L	D
7.1	3.9

TIGHTENING: with torque ratchet 25 Ncm

Material: Chrome Cobalt and Plexiglass



CN-CAST

CN-6041CC
non rotating

CN Prosthetic screw

L
6.8

TIGHTENING: with torque ratchet 20 Ncm

Material: titanium grade 5



CN-5052

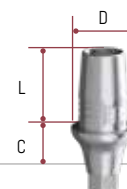
CAD CAM components

CEREC® base Includes prosthetic screw CN-5052

L	D	C
4.7	3.9	2

TIGHTENING: with torque ratchet 20 Ncm

Material: Titanium grade 5



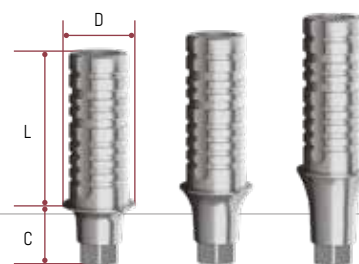
CN-6047

CN Non rotating CEC titanium bases Include prosthetic screw CN-5052

L	D	C	Fixture	#
8	3.8		3	CN-6041
			4	CN-6042
			5	CN-6043

TIGHTENING: with torque ratchet 20 Ncm

Material: Titanium grade 5



CN-6041
h1

CN-6042
h2

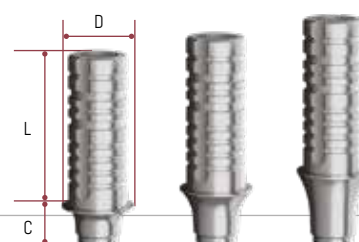
CN-6043
h3

CN Rotating CEC titanium bases Include prosthetic screw CN-5052

L	D	C	Fixture	#
8	3.8	1.8		CN-6041R
		2.8		CN-6042R
		3.8		CN-6043R

TIGHTENING: with torque ratchet 20 Ncm

Material: Titanium grade 5



CN-6041R
h1

CN-6042R
h2

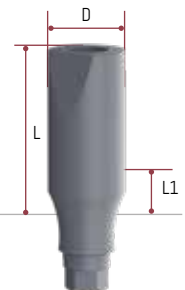
CN-6043R
h3

CN Intra-oral scan body Available for EXOCAD, 3SHAPE and DENTALWINGS - Include prosthetic screw CN-5052

L	L1	D
12	5	4.2

TIGHTENING: with torque ratchet 15 Ncm

Material: Titanium with anti scatter coating

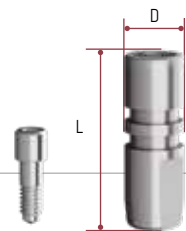


CN-6070
Titanium

Analog

L	D
9.5	3.2

Material: Titanium grade 5



DG-SCREW
inklusive

CN-DG3042

CN Prosthetic screw

L
6.8

TIGHTENING: with torque ratchet 20 Ncm

Material: titanium grade 5



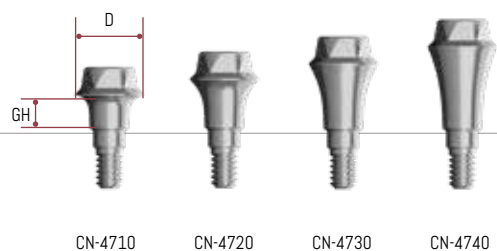
CN-5052

OMNI System

OMNI abutments can be used both on a bridge and a full arch. Their narrow cuff diameter facilitates aesthetics, especially in the anterior region. They are endowed with 1.8 mm bridge screw.

CN OMNI Abutment

GH	D	#
1	4.1	CN-4710
2		CN-4720
3		CN-4730
4		CN-4740

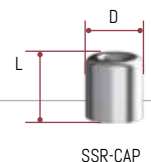


TIGHTENING: with torque ratchet 25 Ncm

Material: Titanium grade 5

OMNI Healing Cap Includes prosthetic screw SSR-50.52

L	D
4.35	4

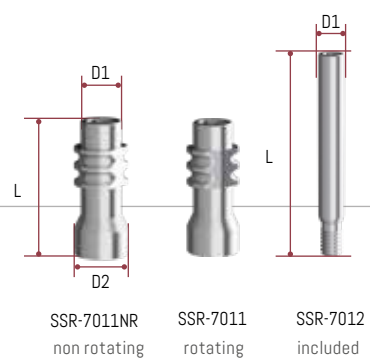
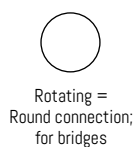
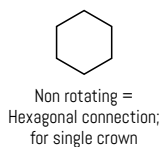


TIGHTENING: with torque ratchet 15 Ncm

Material: Titanium grade 5

OMNI open tray impression post Includes screw SSR-7012

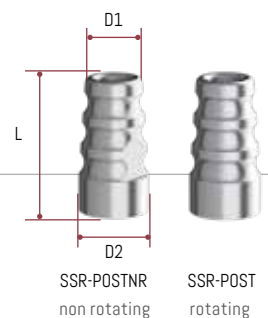
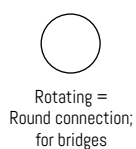
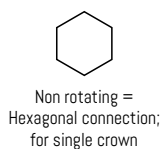
L	D1	D2	#
10.5	3.1	4.12	SSR-7011NR SSR-7011
17.5	2.1	-	SSR-7012



Material: Titanium grade 5

OMNI closed tray impression transfer

L	D1	D2
8	3.32	4.12



Material: Titanium grade 5

OMNI titanium abutment Includes screw SSR-50.52

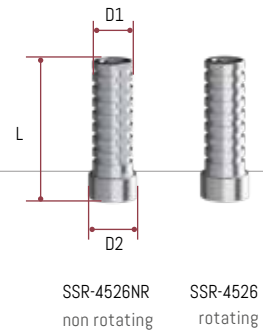
L	D1	D2
12	3.4	4.12

TIGHTENING: with torque ratchet 20 Ncm

Material: Titanium grade 5


Non rotating =
Hexagonal connection;
for single crown


Rotating =
Round connection;
for bridges



OMNI castable abutment Includes screw SSR-50.52

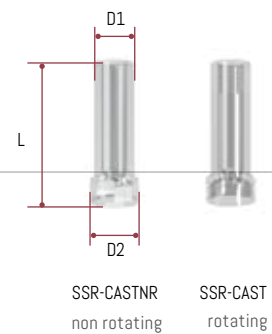
L	D1	D2
12	3.4	4.12

TIGHTENING: with torque ratchet 20 Ncm

Material: Plexiglass


Non rotating =
Hexagonal connection;
for single crown


Rotating =
Round connection;
for bridges



OMNI Bridge screw

L
4.9

TIGHTENING: with torque ratchet 20 Ncm

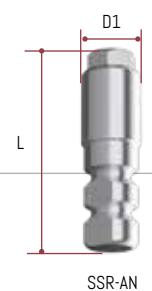
Material: Titanium grade 5



OMNI Analog

L	D
13.8	4.1

Material: Titanium grade 5



OMNI CAD-CAM Components

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

L	D
7	4.12

TIGHTENING: with torque ratchet 15 Ncm

Material: PEEK



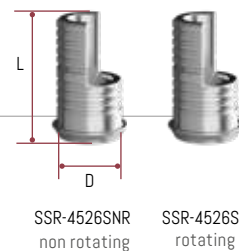
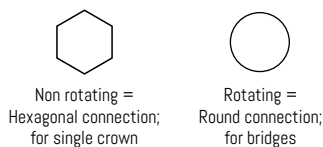
OMNI Ti-base Available for EXOCAD, 3SHAPE and DENTALWINGS - Includes prosthetic screw SSR-50.52

L	D
8	4.1

Material: Titanium grade 5

TIGHTENING: with torque ratchet 20 Ncm

Note: You can modify the Ti-base and use it as a short and long base. For Angled screw channel, you must always use the short base. For Angled screw channel use the screw SSR-ASCSCREW



OMNI screw for angulated abutment

L
4.6

TIGHTENING: with torque ratchet 20 Ncm

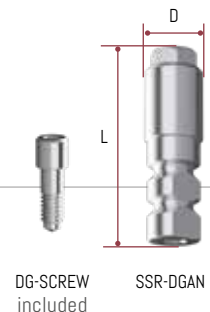
Material: Titanium grade 5



OMNI Digital Analog Available for EXOCAD, 3SHAPE and DENTALWINGS - Includes screw DG-SCREW

L	D
13.8	4.1

Material: Titanium grade 5



Hexalobular latch driver medium For OMNI, MUA and Flat angled screws

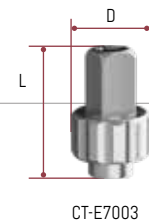
Material: Stainless steel



Finger/Ratchet adapter for latch drivers

L	D
13	8

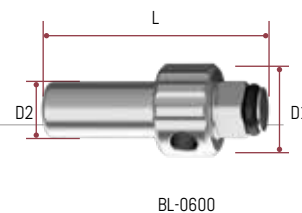
Material: Stainless steel



O-ball, MUA and OMNI abutments driver

L	D1	D2
19.3	7.9	4.8

Material: Stainless steel



OMNI Kit

EL-OMNIKIT



The OMNI Abutment SSR-4750 (H5) and SSR-4760 (H6) are not included in the kit but can be purchased separately.

Anchor abutment system

CE marked products by Rhein83

Smart Box Set

330SBE set includes:

- 1 Smart Box housing
- 1 Black positioning cap

Complete 335SBC set includes:

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



330SBE

335SBC
(complete set)

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 - kepitall
140CET/140CER/140CEG - pebax



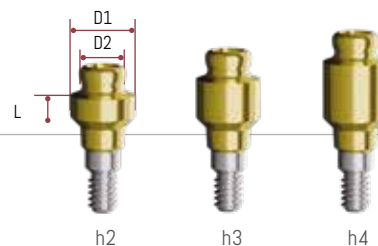
140CEV strong retention 2.7kg
140CET standard retention 1.8kg
140CER soft retention 1.2kg
140CEG extra-soft retention 0.6kg

Ot Equator abutment CN

L	D1	D2
2	3.5	2.4
3		
4		

TIGHTENING: with Rhein83 torque ratchet 25 Ncm

Material: Titanium grade 5



Ot Equator Single	CN	0303CN2	0303CN3	0303CN4
Ot Equator + Smart Box Set	CN	1313CN2	1313CN3	1313CN4
Ot Equator + Caps assortment set	CN	1343CN2	1343CN3	1343CN4

Smart Box Set set includes:

- 1 Ot Equator (Ref. 0303CN2, 0303CN3, 0303CN4)
- 1 Smart Box housing with black positioning cap (Ref. 330SBE)
- 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 protective disk

Caps assortment set includes:

- 1 Ot Equator (Ref. 0303CN2, 0303CN3, 0303CN4)
- 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)
- 1 protective disk

OT equator titanium scan abutment + titanium screw

Material: Titanium grade 5



145SAE

Torque ratchet

Material: Stainless steel



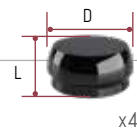
760CRD-US

Laboratory accessories

Processing caps - black 4 pieces

L	D
1.78	3.8

Material: Rilsan



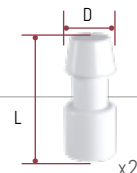
x4

140CEN

Impression coping 2 pieces

L	D
9	3.7

Material: Acetal

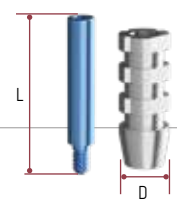


x2

144MTE

Titanium OT Equator long impression coping + titanium long screw

L	D
11,5	4.6



144TLE

Laboratory analog with screw for CAD/CAM $\varnothing 4\text{mm}$

Material: Titanium grade 5



144AVC4

Laboratory analog 2 pieces

L	D1	D2
15.6	4.0	2.5

Material: Stainless steel AISI 303

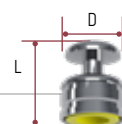


144AE

Pull-off impression coping

L	D
5.5	4.6

Material: Stainless steel AISI 303

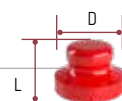


044CAIN

Castable cap

L	D
2.45	3.8

Material: Crystal polystyrene



151SS

Anchor system instruments

Metal insertion/extraction tool for caps

Material: Nylon and Stainless steel



485IC

OT-Equator square screw driver for Anchor abutment

Compatible only with Rhein83 torque ratchet

L
21.5

Material: Stainless steel



776C6C
square
1.25 mm

OT Equator wrench for dynamometric handpiece with conical square tip

L
22

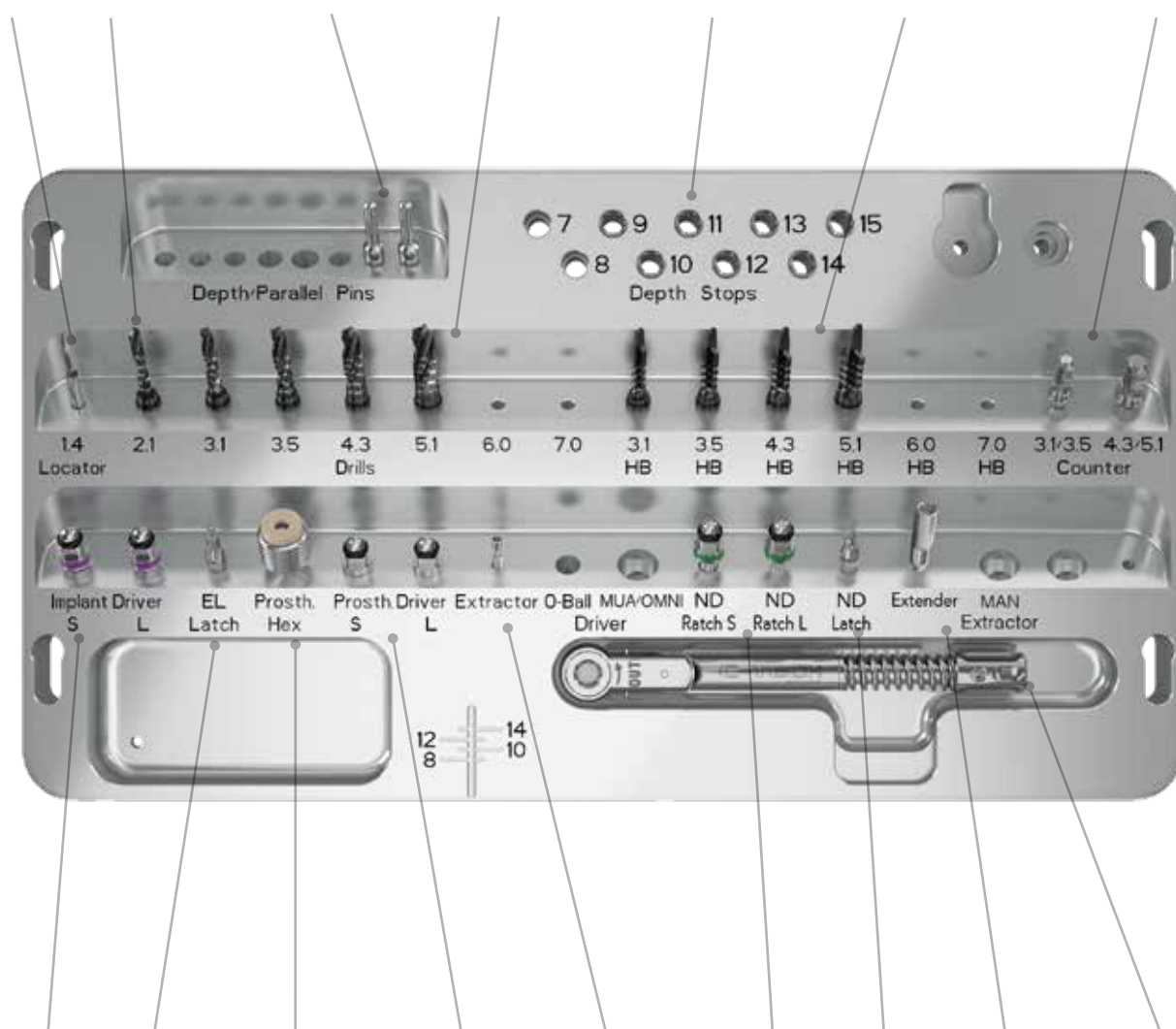
Material: Stainless steel



760C0C

Surgical Kit

EL-SUR.KIT.01



Elements not included in the kit can be purchased separately.

Metal Kit

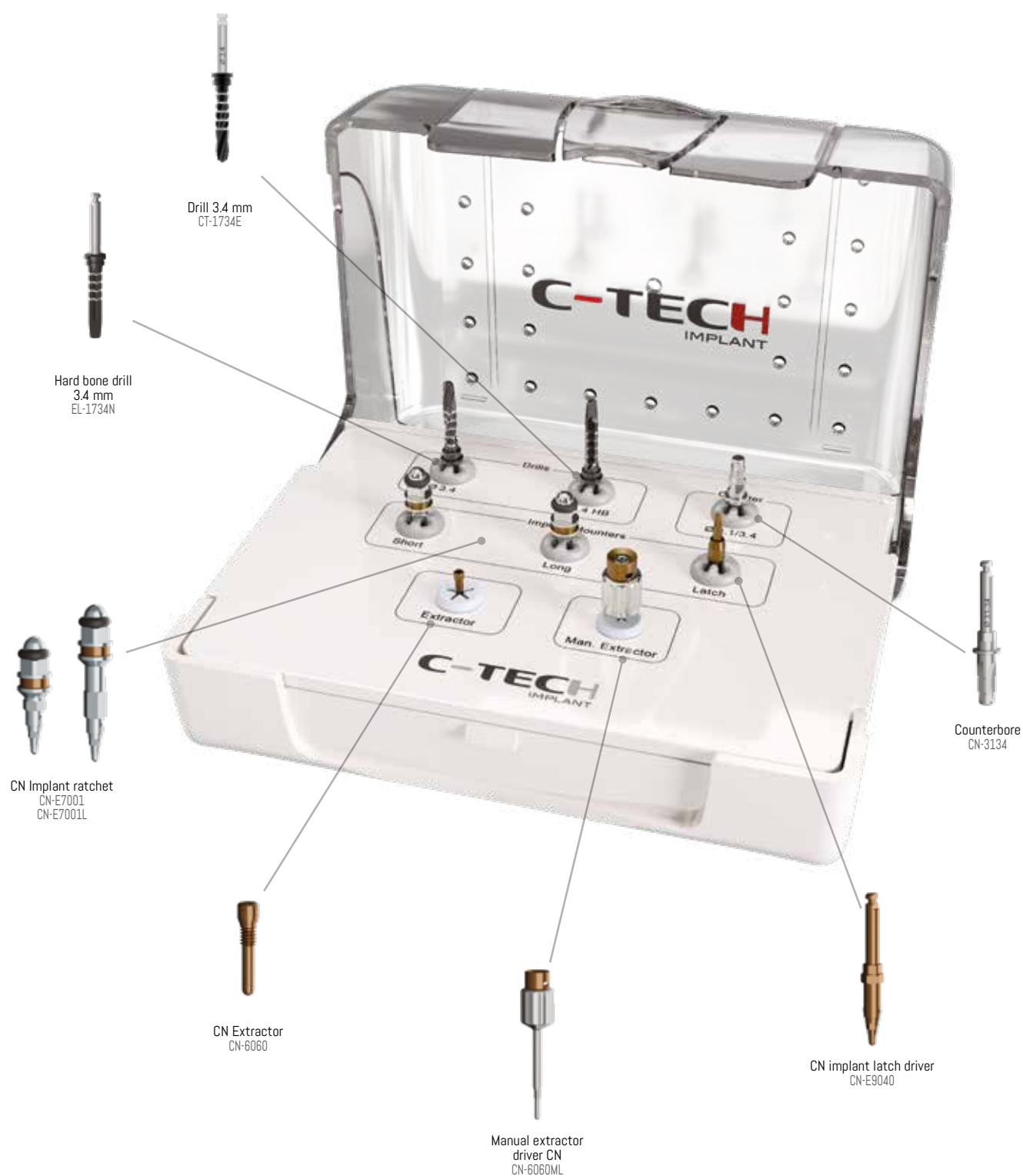
METALKIT03



Elements not included in the kit can be purchased separately.

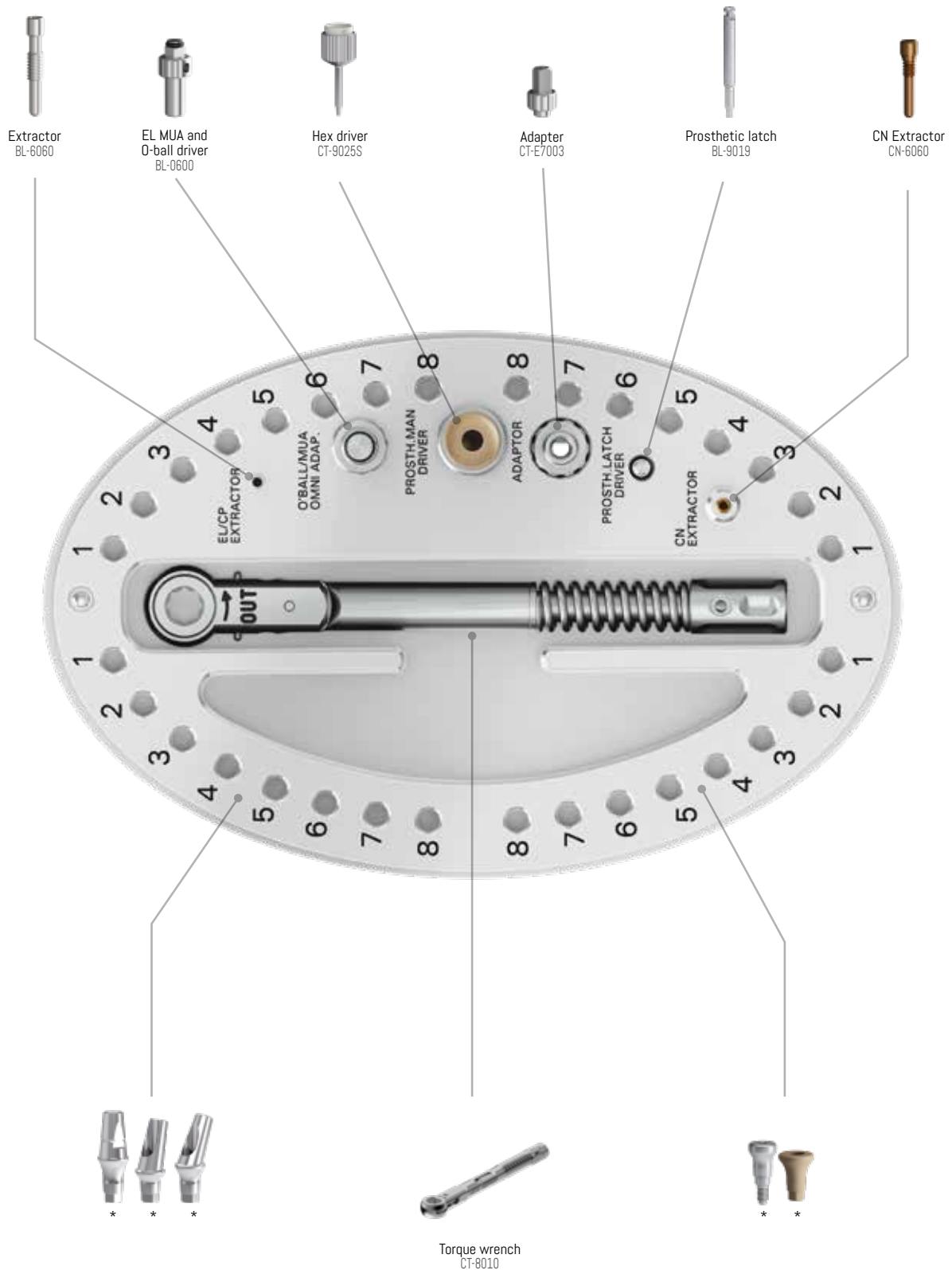
Reduced Surgical Kit

CN-SUR.KIT.02



Prosthetic Kit

PRSKIT01



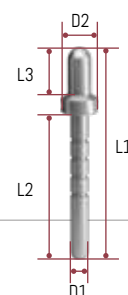
*Prosthetic parts are not included in the kit

Instruments

Combined depth paralleling pins

L1	L2	L3	D1	D2
23.5	16.5	5.5	1.9	2.5

Material: Titanium grade 5

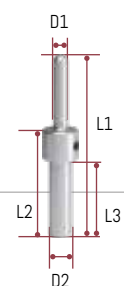


CT-PIN1
1.9 mm
2.5mm

Paralleling pin

L1	L2	L3	D1	D2
24.2	14.2	10.2	2	2.6

Material: Titanium grade 5

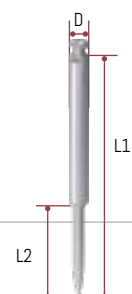


CT-9003
1.6 mm
2.0mm

Locator drill

L1	L2	D
29	15	1.6

Material: Stainless steel



CT-2020

Drill Extender

L
29.3

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

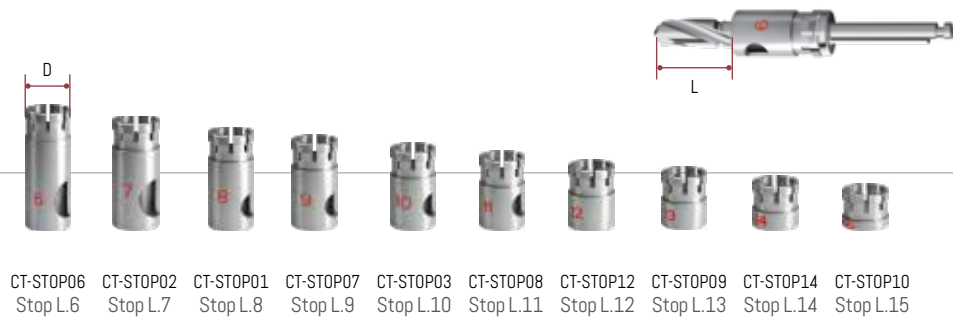


CT-2000

Drills

Stops

L*	D	#
6.4	5.2	CT-STOP06
7.4		CT-STOP02
8.4		CT-STOP01
9.4		CT-STOP07
10.4		CT-STOP03
11.4		CT-STOP08
12.4		CT-STOP12
13.4		CT-STOP09
14.4		CT-STOP14
15.4		CT-STOP10



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

Material: Stainless steel

Main drills

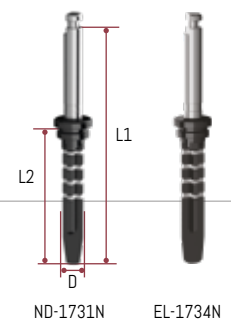
L1	L2	D	#
35.2	17.2	2.1	CT-1720E
36.7	15.9	2.6	ND-1726E
32.2	19.5	2.6	CT-1734E



Material: Stainless steel

Hard bone drills

L1	L2	D	#
34	15.5	3	ND-1731N
34	19	3	EL-1734N

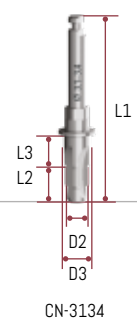


Material: Stainless steel

Counterbore

L1	L2	D2	L3	D3
25.3	4.8	3.1	4.5	3.5

Material: Stainless steel

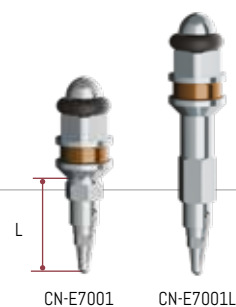


Implant drivers

CN Implant ratchet driver

L	#
10.2	CN-E7001
17.15	CN-E7001L

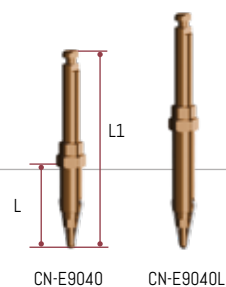
Material: Stainless steel



CN implant latch driver

L	L1	#
11.3	27	CN-E9040
16.3	32	CN-E9040L

Material: Stainless steel

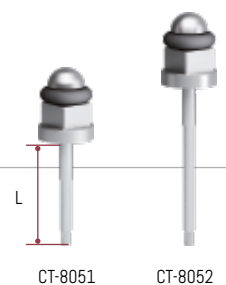


Prosthetic drivers

Torque wrench attachments

L	#
12.5	CT-8051
18.5	CT-8052

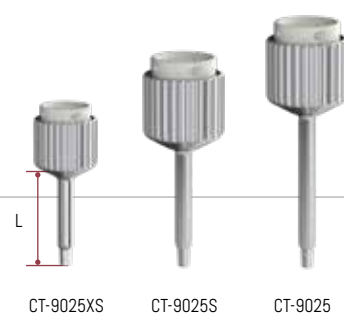
Material: Stainless steel



Hex drivers

L	#
19.9	CT-9025XS
26	CT-9025S
32	CT-9025

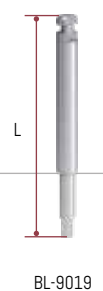
Material: Stainless steel



Prosthetic latch driver

L
26.5

Material: Stainless steel



Abutment extractor screw

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

CN Extractor

L
9.1

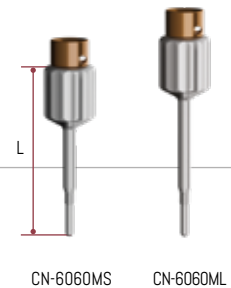
Material: Stainless steel



Manual extractor driver CN

L	#
17	CN-6060MS
23	CN-6060ML

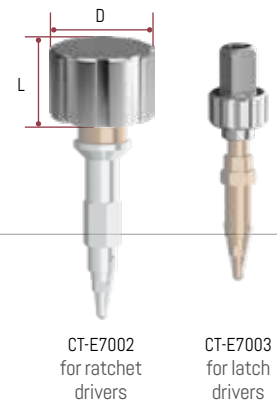
Material: Stainless steel



Finger adapter

L	D	#
5.8	12.7	CT-E7002
13	8	CT-E7003

Material: Stainless steel



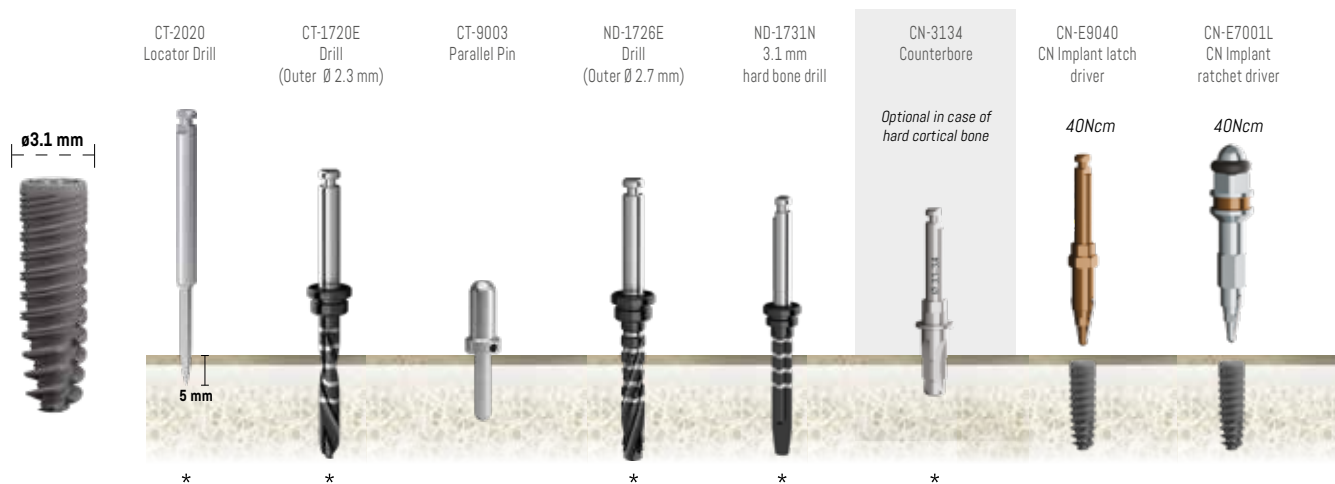
Torque Wrench 50Ncm

Material: Stainless steel

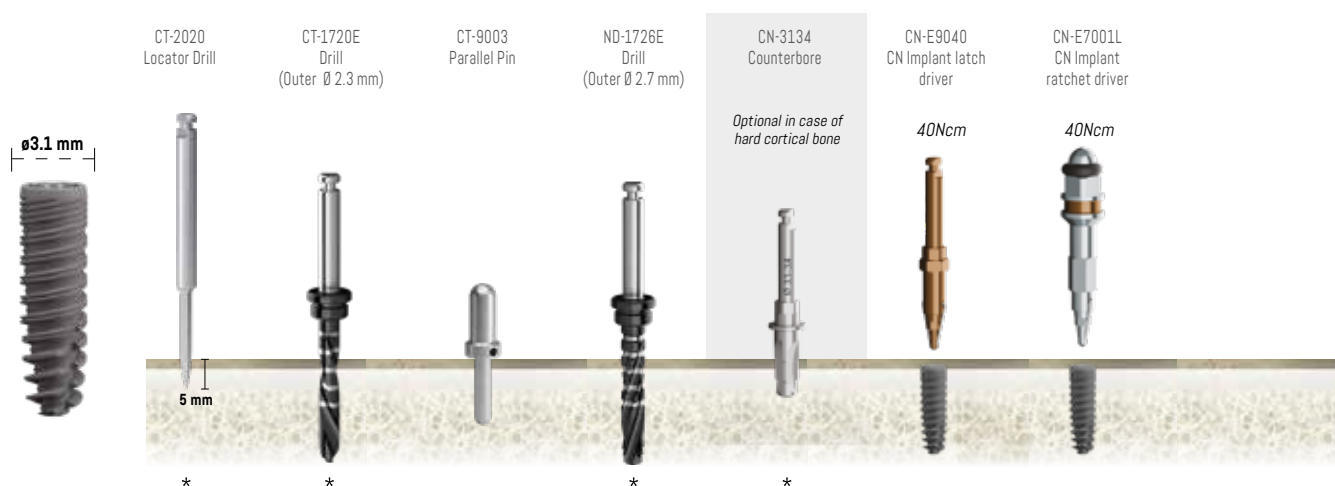


CT-8010

Site preparation D1/D2



Site preparation D3/D4



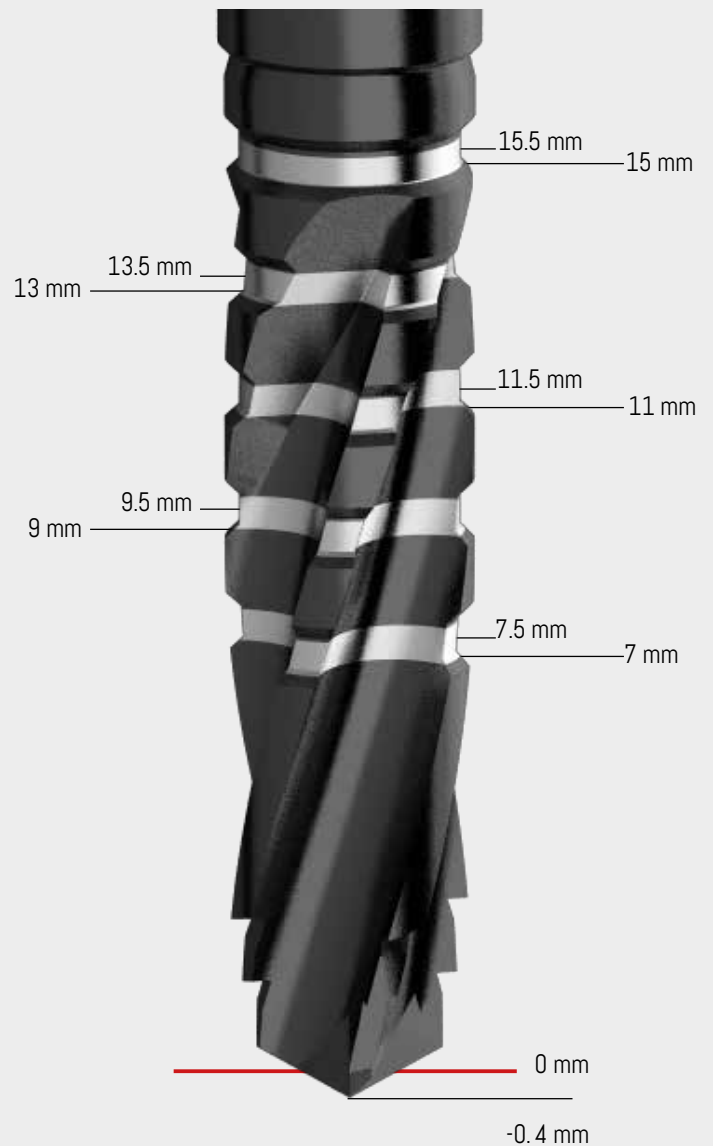
*Depth: Minimum 1mm deeper than length of implant is to allow for subcrestal seating.

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 angled cutting tip.

Explanation of Drill Marking

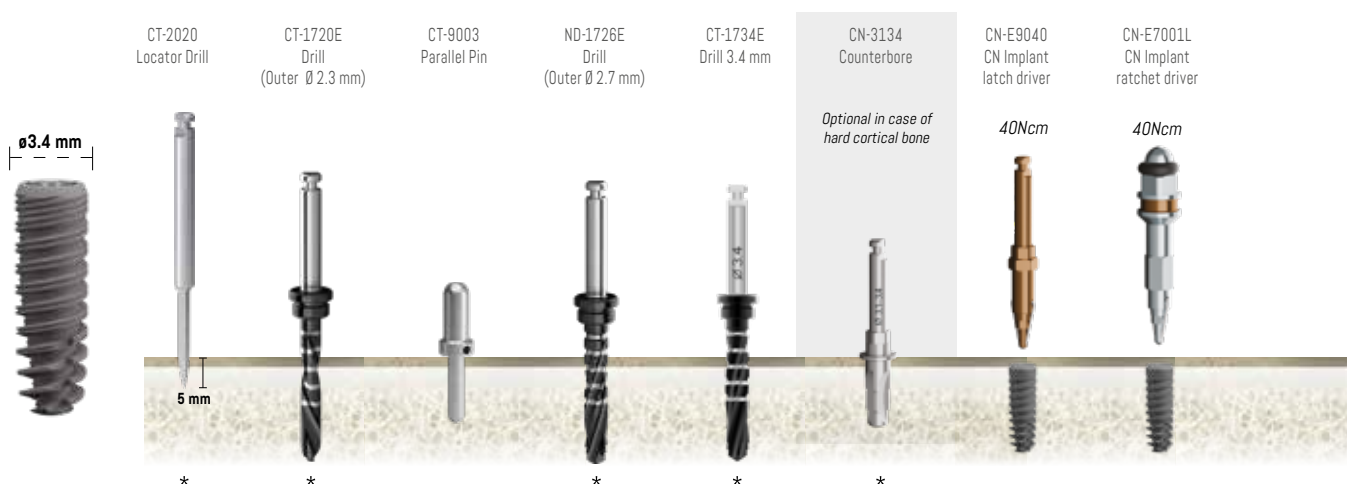
- The drill markings do not include the point of the drill.
- The point of the drill is 0.4 mm long, thus the drill marking of 7 mm is actually 7.4 mm from the very tip to the bottom of the black line.
- The implant should be set approximately 1 mm subcrestally, thus for a 13 mm implant, one should drill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



Site preparation D1/D2



Site preparation D3/D4



*Depth: Minimum 1mm deeper than length of implant is 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 angled cutting tip.

English version



REV.02 / 10-2026

SCIENCE MEETS PASSION

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