

GL

GINGIVAL LEVEL
implant



C-TECH
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 13485:2003/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 20 countries.

SCIENTIFIC RESEARCH, ADVANCED TECHNOLOGY, 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 providing for very practical surgical and prosthetic solutions aimed at offering the practitioner and the patient optimal results.

HIGH QUALITY STANDARDS KEPT WITHIN REACH

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.

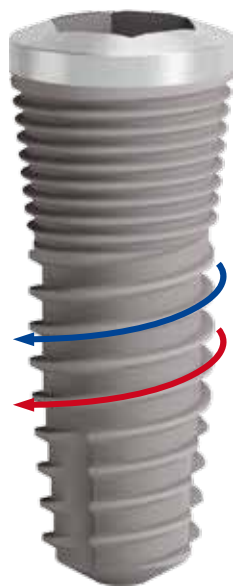
MISSION STATEMENT

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.



GL

GINGIVAL LEVEL implant



IMPLANT CHARACTERISTICS

DOUBLE HELIX THREADING

The double-helix design sets C-TECH IMPLANTS apart from the single helix implants by giving them a more symmetrical introduction into the bone. This translates into masticatory load balance which drastically reduces stress. Its symmetry also renders the implant self-centering, eliminating any form of misalignment in terms of the main axis of the osteotomy site.

The pitch of the threads allows for an insertion time that is reduced by half.

ROOT FORM ANATOMICAL DESIGN

The innovative macromorphological facility of the GL Implant System, with a variable degree of tapering, more pronounced near the apical region, has been designed to make easier the implant's insertion and to achieve a high primary stability even in cases in which the bone is being undermined, ensuring thereby the full integrity of all proximal structures.

MICRO-THREADING

The micro threads increase functional surfaces, adapting them to the compact cortical bone tissue and safeguard it against aggression from larger threads to be found in conventional implants. Its delicate touch, as such, further reduces bone loss.

Additionally, the micro threads allow the implant depth level to be adjusted.

INTERNAL HEXAGON CONNECTION SURFACE: PASSIVATED

The implant surface is blasted with aluminum oxide and then subjected to progressive etching using citric acid. This surface treatment accelerates the osseointegration process by providing a greater and more uniform area of contact between bone and implant while favoring an immediate implant load. The treatment provides for a uniform surface with progressive trabeculation to be achieved.

An additional advantage of the citric acid treatment is that it leaves no traces following decontamination, further reducing the risk of implant failure.

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.



DENTAL IMPLANT



8 mm	CT-3508	CT-4308	CT-5108
9 mm	CT-3509	CT-4309	CT-5109
11 mm	CT-3511	CT-4311	CT-5111
13 mm	CT-3513	CT-4313	CT-5113
15 mm	CT-3515	CT-4315	CT-5115

COVER SCREW

HEALING ABUTMENTS



CT-4305
0.8mm



CT-4330
3.0mm



CT-4345
4.5mm



CT-4365
6.5mm



CT-4385
8.5mm



PACKAGING



Cover Screw **CT-4305** 0.8mm



PROSTHETIC COMPONENTS

IMPRESSION POSTS



CT-4540
Hexed Closed Tray Impression Post includes a 5052HX Abutment Screw and Plastic Cap. (Transfer Type)



CT-5050L
Impression Post Screw. For open tray impression using item CT-4540.



CT-4542
Hexed Open Tray Impression Post. Includes CT-5050L Impression Post Screw. (Pickup Type)



LAB ANALOGS



CT-5143
3.5mm/4.3mm Implant Lab Analog



CT-5151
5.1mm Implant Lab Analog



CT-5144
O-Ball Lab Analog



CT-5145
Shouldered Abutment Analog



TITANIUM ABUTMENTS



CT-4525 Hexed
Preable Abutment includes a CT-5052HX Abutment Screw



CT-6045 Hexed
Titanium base includes castable cylinder and screw

ABUTMENT SCREW



CT-5052HX



CASTABLE ABUTMENTS



CT-5645
Non-Hexed Casting Cylinder
(delrin interface)
Includes Screw



CT-5845
Hexed Casting Cylinder
(delrin interface)
Includes Screw



TITANIUM ANGLED ABUTMENTS



CT-1543 Hexed
Angled Abutment (15°)
Includes Screw



CT-2543 Hexed
Angled Abutment (25°)
Includes Screw



ABUTMENT SSA



E9040
SSA Driver



CT-4645
Non-Hexed
Shouldered Abutment
Includes Castable Cap



CT-5545
Castable Cap



O-BALL ATTACHMENT SYSTEM

INTENDED USE

Dentures retained by implants in the mandible and maxilla.

CHARACTERISTICS

- Simple;
- 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.

RELIABLE

Dual retention for optimal abutment-denture connection. Excellent long-term performance due to high wear resistances of components.



TITANIUM O-BALL ABUTMENT



CT-0500
O-Ball Abutment Seating Tool



CT-5641
O-Ball Abutment - 0.5mm Collar
(Complete Set*)



CT-5642
O-Ball Abutment - 2mm Collar
(Complete Set*)



CT-5644
O-Ball Abutment - 4mm Collar
(Complete Set*)

METAL HOUSING



MCH-1
Soft Retention



MCH-2
Medium Retention



MCH-3
Hard Retention



MC-3005B
O-ring
5 Pieces



MC-3005
O-ring
5 Pieces

COMPLETE SET INCLUDES:



1. O-Ring (Ref. MC-3005, MC-3005B)
2. Metal Housing (Ref. MCH-2)
3. O-Ball Abutment (Ref. 5644, 5642, 5641)

TEMPORARY PEEK ABUTMENTS

INTENDED USE

For the support of a temporary prosthesis.

CHARACTERISTICS

Made from surgical PEEK plastic- Provides medium term support-The PEEK is easy to model with a minimum of vibration to the implant.

RELIABLE

PEEK plastic has great structural strength while being well adapted for surgical and prosthetic use.

TEMPORARY PEEK ABUTMENTS



CT-4525PEEK
PEEK Straight Abutment



CT-1543PEEK
PEEK 15 Angled Abutment



CT-5052HX
Abutment Screw

STEP 1
Prep the abutment with burr

STEP 2
Polish the prepped abutment

STEP 3
Place the restoration

①



②



③



ZIRCONIUM ABUTMENTS

INTENDED USE

Restorations in the esthetic zone.

CHARACTERISTICS

Made from White Zirconium oxide they provide a more natural color for the abutment in esthetic zone

RELIABLE

ZIRCONIUM ABUTMENTS



CT-4525-ZO
Zirconium Straight Abutment



CT-1543-ZO
Zirconium 15 Angled Abutment



CT-5052HX
Abutment Screw

STEP 1
Fitting the abutment in the model

STEP 2
Modelling of the abutment

STEP 3
Placement of the restoration

①



②



③



ANCHOR ABUTMENT SYSTEM

CAPS WITH METAL HOUSING



141CAE
2 Stainless steel housings



140CEV
4 Retentive caps
violet "strong" (2.7kg)



140CET
4 Retentive caps
white "standard" (1.8kg)



140CER
4 Retentive caps
pink "soft" (1.2kg)



140CEG:
4 Retentive caps
yellow "extra-soft" (0.6kg)

ANCHOR ABUTMENT SYSTEM COMPLETE SET



CT-8994



CT-8995



CT-8996



CT-8997



CT-8998

COMPLETE SET INCLUDES:



- 1 Anchor abutment
(Ref. CT-8994, CT-8995, CT-8996, CT-8997, CT-8998)
- 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)

LABORATORY ACCESSORIES



140CEN
4 Processing Caps - black



144MTE
2 Impression Coping



144AE
2 Laboratory Analog



044CAIN
Pull-off Impression Coping

SURGICAL INSTRUMENTS



124ICP
1 Blue plastic
"multiuse"
insertion tool

185IAC
1 Metal insertion tool for
caps



191ECS
1 Metal extractor tool for
caps



774CQ
1 OT-Equator square
screw driver for implant
abutment (square 1,25mm)



760CE
1 Square driver
connector for torque

BAR



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 yellow clips(027CRG) are fixed into the prosthesis.



DELUXE SURGICAL KIT

DELUXE SURGICAL KIT INCLUDES:

Locator drill CT-2020	Implant Latch Driver CT-E9040
2.0 external irrigation drill (Ø 2.0) CT-1720E	Implant Ratchet Driver (Short) CT-E7001
3.5 external irrigation drill (Ø 3.0) CT-1735E	Implant Ratchet Driver (long) CT-E7001L
4.3 external irrigation drill (Ø 3.6) CT-1743E	Torque Wrench (50 Ncm) CT-8010
5.1 external irrigation drill (Ø 4.6) CT-1751E	Depth Gauge (3.5 mm) CT-E9007
Counterbore CT-2035E	Depth Gauge (4.3 mm) CT-E9008
3.5 Bone Tap CT-7154E	Depth Gauge (5.1 mm) CT-E9010
4.3 Bone Tap CT-7155E	Paralleling Pins, qty. 2 (1.6 mm & 2.0 mm) CT-9000
5.1 Bone Tap CT-7151E	Paralleling Pins, qty. 2 (3.5 mm & 4.3 mm) CT-9003
Drill Extender CT-2000	Set metal stopper (L.9/11/13/15) CT-Stop07/08/09/10
Manual Hex Driver Short CT-9025S	Implant Latch Driver BL-E9040
Manual Hex Driver Long CT- 9025	Implant Ratchet Driver Short BL-E7001
1.25mm Hextool Torque Wrench Attachments CT-8051	Implant Ratchet Driver Long BL-E7001L
1.25mm Hextool Torque Wrench Attachments (Long) CT-8052	

REFERENCES:

Sur.Kit.01:
Deluxe Surgical Kit for BL And GL Line

Ct-Sur.Kit.01:
Deluxe Surgical Kit for GL Line



REDUCED SURGICAL KIT

REDUCED SURGICAL KIT INCLUDES:

Locator drill CT-2020
2.0 external irrigation drill (Ø 2.0) CT-1720E
3.5 external irrigation drill (Ø 3.0) CT-1735E
4.3 external irrigation drill (Ø 3.6) CT-1743E
Counterbore CT-2035E
Stopper (9 mm) CT-Stop07
Stopper (11 mm) CT-Stop08
Drill Extender CT-2000
Manual Hex Driver Short Ct-9025S
Manual Hex Driver Long Ct- 9025
Implant Ratchet Driver (Short) CT-E7001
Implant Latch Driver Ct-E9040
Torque Wrench (50 Ncm) CT-8010
Paralleling Pins, qty. 2 (1.6 mm & 2.0 mm) CT-9000

REFERENCES:

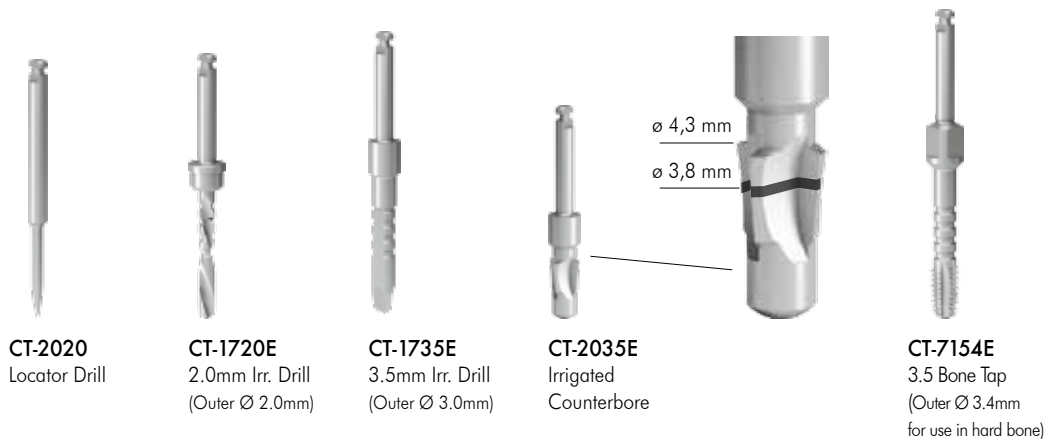
Sur.Kit.02:
Reduced Surgical Kit for GI Line



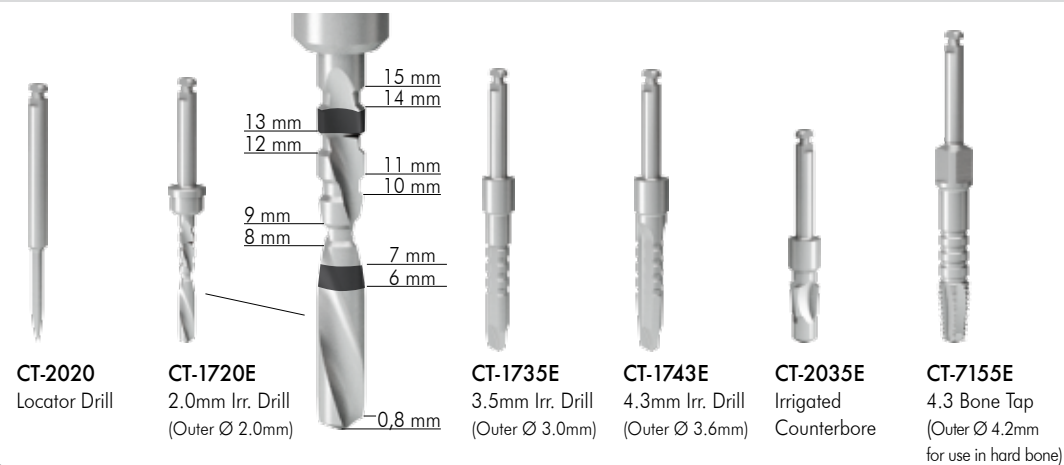
DRILLS & BONE TAPS



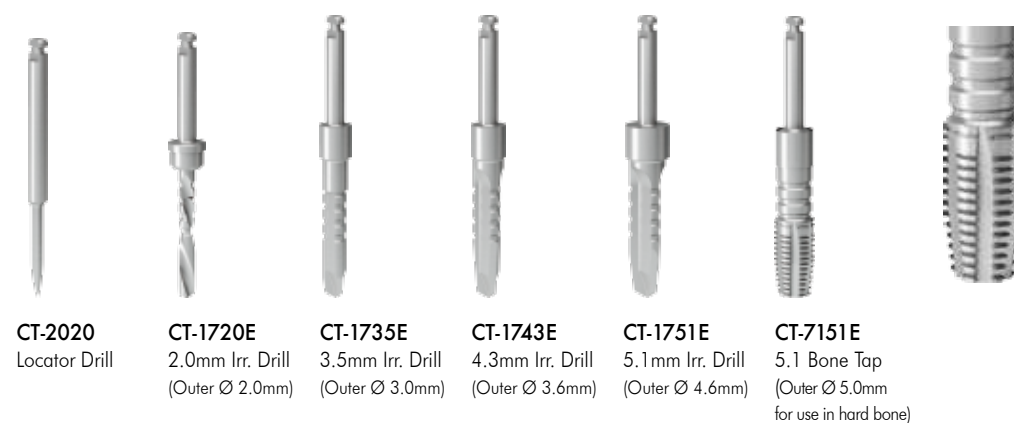
SURGICAL PROCEDURE GL Ø 3.5 IMPLANT



SURGICAL PROCEDURE GL Ø 4.3 IMPLANT



SURGICAL PROCEDURE GL Ø 5.1 IMPLANT



SURGICAL KIT COMPONENTS

SURGICAL FACILITATORS

PARALLELING PINS



CT-9003
3.5 mm
4.3mm



CT-9000
1.6 mm
2.0mm

DEPTH GAUGES



CT-E9007
3.5mm
ø est.



CT-E9008
4.3mm
ø est.



CT-E9010
5.1 mm
ø est.



CT-2000
Drill Extender

PROSTHETICS DRIVER



CT-9025S
Hex drivers



CT-9025
Hex drivers



CT-9019
Handpiece Latch



CT-9024S
Swivel hex drivers



CT-9024
Swivel hex drivers



CT-8051
Torque wrench
attachments



CT-8052
Torque wrench
attachments

GL IMPLANT DRIVERS



CT-E7001
Implant ratchet
driver



CT-E7001L
Implant ratchet
driver



CT-E9040
Implant latch dri-
ver

DRILL DEPTH STOPS



CT-STOP01
Stop L.8



CT-STOP07
Stop L.9



CT-STOP08
Stop L.11



CT-STOP09
Stop L.13



CT-STOP10
Stop L.15

TORQUE WRENCH 50Ncm

CT-8010





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