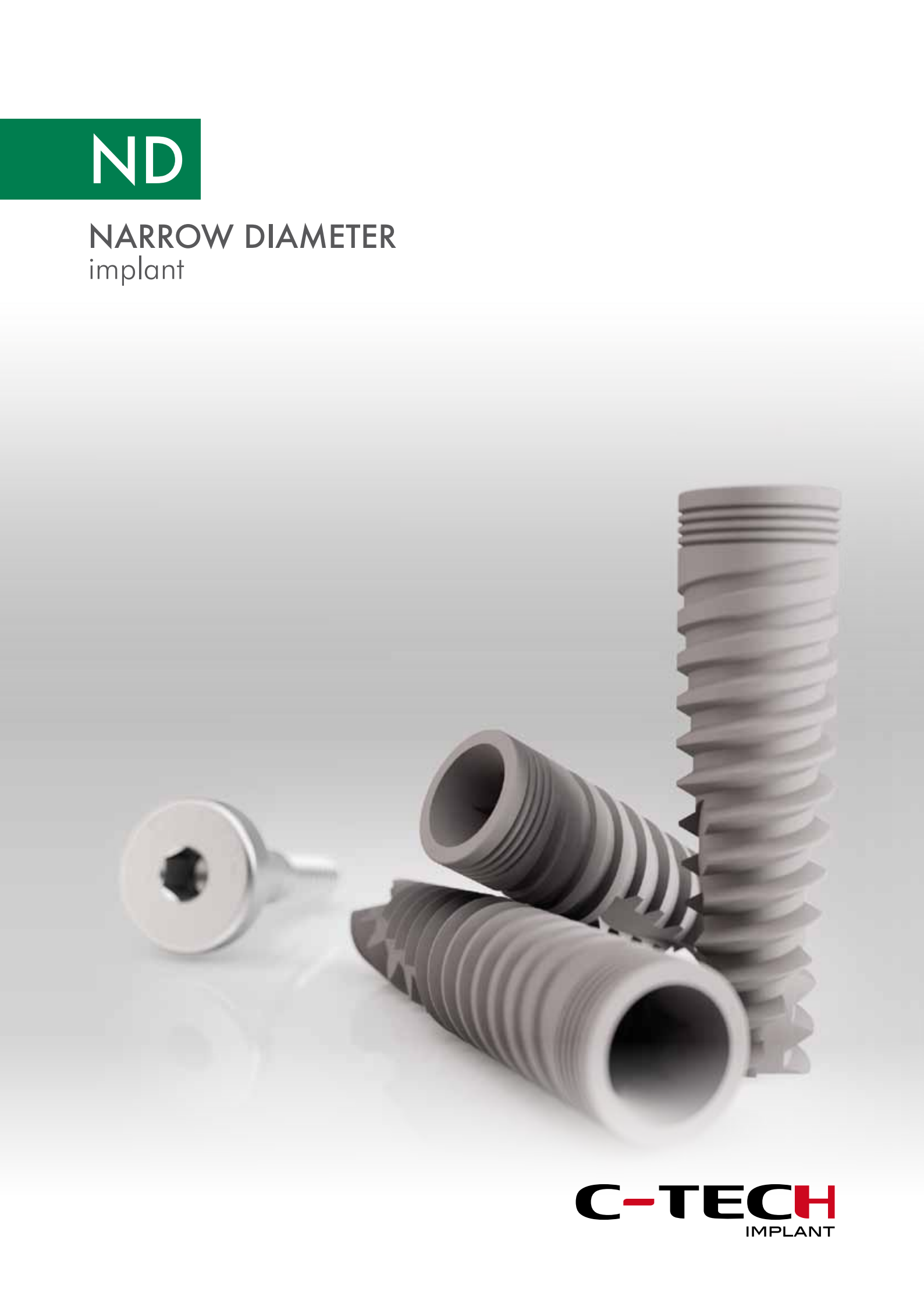
ND

NARROW DIAMETER
implant



C-TECH
IMPLANT

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ND - NARROW DIAMETER IMPLANT


EC-CERTIFICATE


CERTIFICATE

All of the materials produced by C-TECH follow a validated procedure, which includes surface treatment and packing as well, in conformity with European and international directives EN ISO 13485:2003/AC:207 and 93/42/EEC relative to medical devices.

C-TECH IMPLANT

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

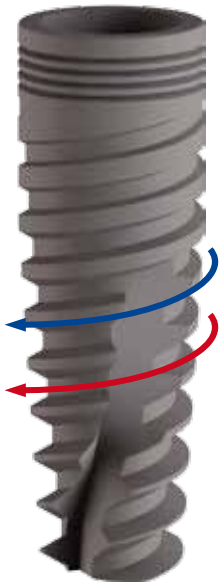
Dental professionals are assisted by the rich knowledge and experience of C-Tech Implant personnel and through C-Tech courses and training sessions.
During these courses the professional is able to learn the latest methods of implant placement and reconstruction.

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.

ND

NARROW DIAMETER implant



IMPLANT CHARACTERISTICS

INTERNAL HEXAGON CONNECTION

A reliable internal connection ensures a stable prosthetic platform that can carry the loads that will be encountered by the ND implant.

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 bone loss at collar level.

MAIN BODY THREADING

Generously dimensioned main body threading provides surface area and stability despite the slenderness of the implant.

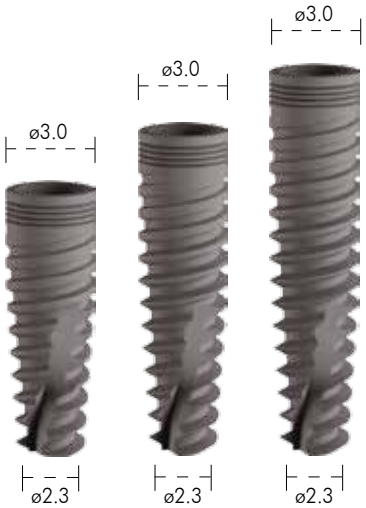
APICAL THREADING

The lower part of the implant is endowed with aggressive threads providing better stability and bone engagement.

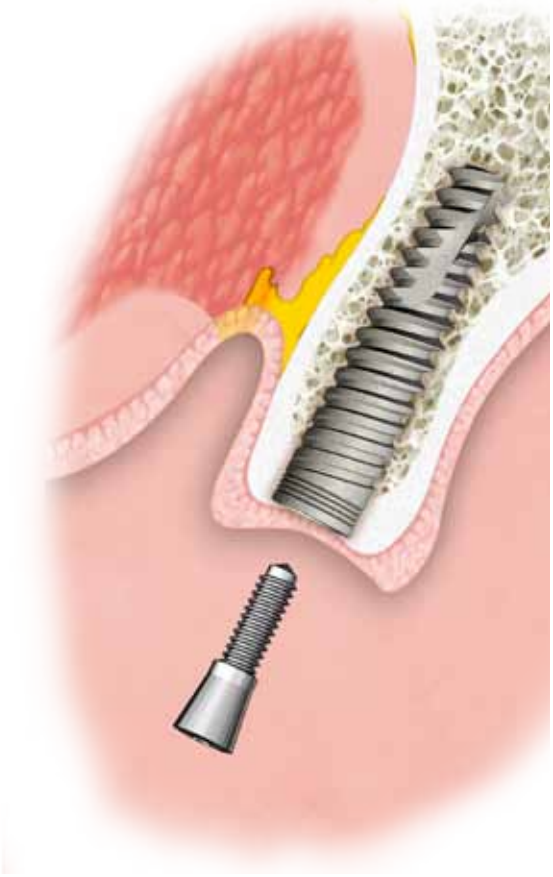
MATERIAL

The implant is made of medical grade 5 Titanium.
The hardest alloy in use for dental implants, further ensuring the strength of this narrow dimensioned implant.

DENTAL IMPLANT



9 mm	**ND-3009**
11 mm	**ND-3011**
13 mm	**ND-3013**



COVER SCREW

ND-3008
0.8mm

HEALING ABUTMENTS

ND-3022

ND-3024

ND-3026

PACKAGING

Cover Screw **ND-3008** 0.8mm

OPEN TRAY IMPRESSION TRANSFER

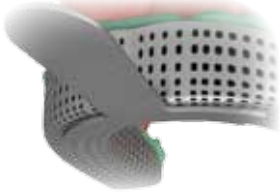
ND-3040
Open tray Transfer
includes screw

ND-3041
Impression Post Screw

ND-3042
Analog

BL-4543
Each pack
contains 2 pcs

COMPLETE SET
- plastic cap - screw - metal transfer
Ref. ND-3040/2



INTENDED USE

Open tray impression technique.

CHARACTERISTICS

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

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.

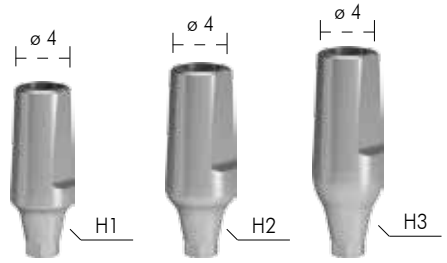
STEP 3
Take the impression using an elastomeric impression material (polyvinyl siloxane or polyether rubber).

STEP 4
Use a standard impression tray.

TITANIUM ABUTMENTS

TITANIUM Ø 4 STRAIGHT ABUTMENTS

INCLUDES SCREW



ND-3025-1 ND-3025-2 ND-3025-3

TITANIUM 15° ANGLED ABUTMENT

INCLUDES SCREW

ND-1530

ABUTMENT SCREW

ND-5052HX

CASTABLE ABUTMENT

ND-5830

INTENDED USE

Cement-retained restorations.

CHARACTERISTICS

- Simple;
- 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.

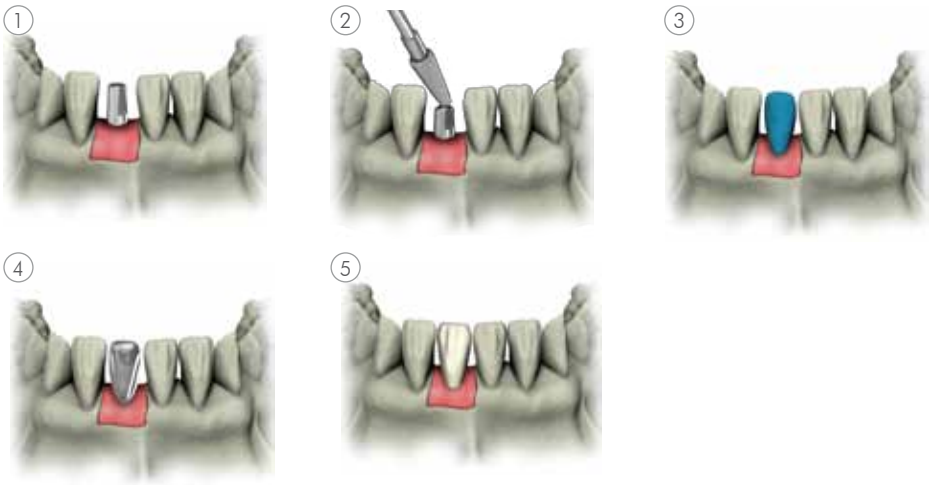
STEP 1
Placement of the abutment in the model analog.

STEP 2
Preparing the titanium abutment, modifying as required.

STEP 3
Creation of the restoration.

STEP 4
Cast the framework using the standard casting methods.

STEP 5
Veneer the superstructure.



O-BALL ABUTMENTS

CT-9024S
Swivel hex drivers

ND-5641
complete set

ND-5642
complete set

ND-5643
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)

LABORATORY ACCESSORIES

MC-3013
Temp Cap

MC-3014
Transfer Cap

MC-3007
Collared Analog

① 

② 

INTENDED USE

Removable 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 wear resistant components.

STEP 1
Screw the spherical abutment into the implant
using the torque ratchet (30 Ncm) and the driver (ref. CT-9024S).

STEP 2
Rebase the overdenture according to the standard procedure.

COMPLETE SET INCLUDES:

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

REDUCED SURGICAL KIT

REDUCED SURGICAL KIT INCLUDES:

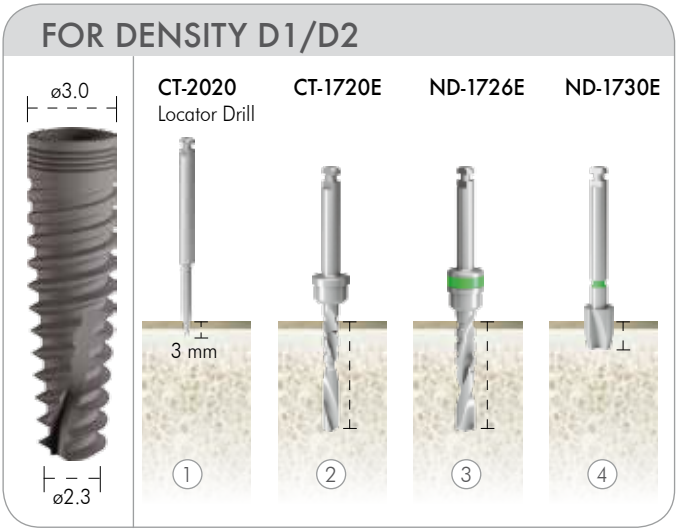
Locator drill CT-2020
2.0 external irrigation drill (Ø 2.0) CT-1720E
2.6 external irrigation drill (Ø 2.6) 00075CUT
Stopper (9mm) CT-stop07
Stopper (11 mm) CT-stop-08
Stopper (13 mm) CT-stop09
Drill extender ct-2000
1.25 swivel hex driver short CT-9024s
1.25 swivel hex driver long CT-9024
Implant ratchet driver short ND-E7001
Implant ratchet driver long ND-E7001l
Torque wrench (50 Ncm) CT-8010
Paralleling pins qty 2 (1.6 mm- 2.0 mm) CT-9000
Depth Gauge (3.5 mm) CT-E9007
Depth Gauge (4.3 mm) CT-E9007

REFERENCES:

ND Sur.Kit.02
Reduced kit for Narrow platform line

SURGICAL PROCEDURE

FOR DENSITY D1/D2



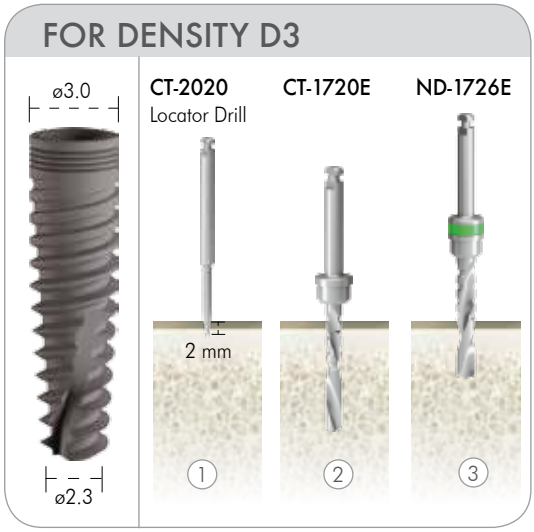
STEP 1: Perforate the cortical plate with the locator drill (CT-2020)

STEP 2: Drill whole length of implant with 2 mm drill (CT-1720E)

STEP 3: Drill whole length of implant with 2,6 mm drill (ND-1726E)

STEP 4: In case of very compact bone: use 3 mm counterbore for 2 mm depth (ND-1730E)

FOR DENSITY D3



STEP 1: Perforate the cortical plate with the locator drill (CT-2020)

STEP 2: Drill whole length of implant with 2 mm drill (CT-1720E)

STEP 3: Drill 1/3 length of implant with 2,6 mm drill (ND-1726E)

SURGICAL KIT COMPONENTS

SURGICAL FACILITATORS

PARALLELING PINS

CT-9003
3.5 mm
4.3mm

CT-9000
1.6 mm
2.0mm

CT-2000
Drill Extender

DRILL DEPTH STOPS

CT-STOP07
Stop L.9

CT-STOP08
Stop L.11

CT-STOP09
Stop L.13

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

ND IMPLANT DRIVERS

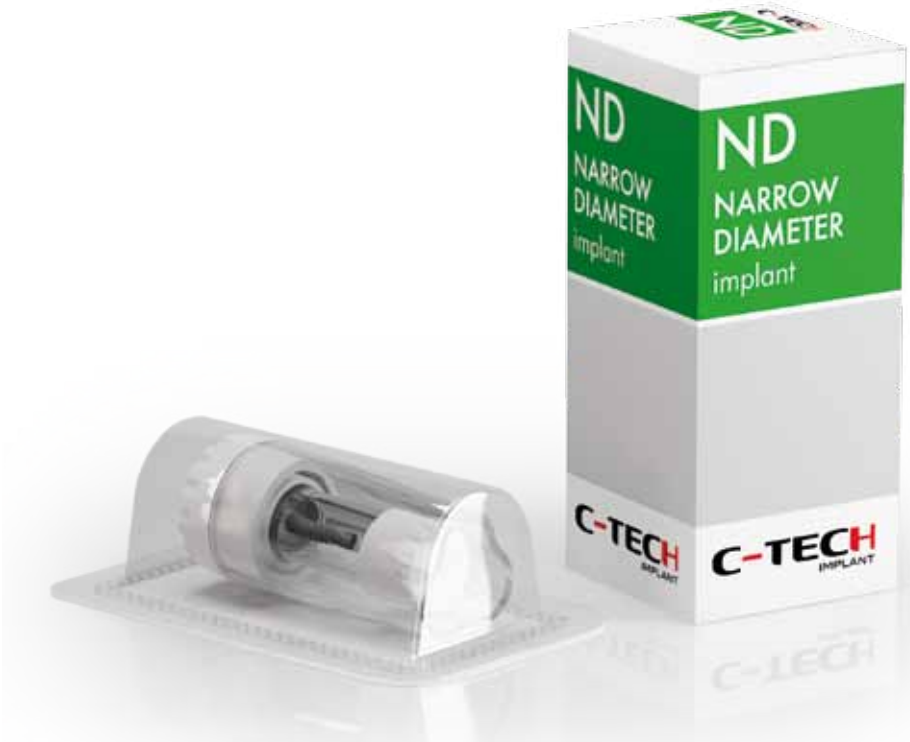
ND-E7001
Implant ratchet driver

ND-E7001L
Implant ratchet driver

ND-E9040
Implant latch driver

TORQUE WRENCH 50Ncm

CT-8010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