# Unitite

S. I. N.

# #Creating Smiles

*Smiles are the preeminent expression of the happiness we share in special moments with those we love, but they also represent gratitude respect, and many times, the result of a continuous work.*

*At S.I.N. Implant System, we believe that the smile of each of our partners help generate even more unique smiles.*

*Our purpose is to build this a ective and virtuous cycle, in which the smile is the biggest and most universal expression of joy.*

*That is why, for the coming years, we will live by this philosophy even more intensely:*
**S.I.N. Creating Smiles.**

S. I. N.
Implant System

**Watch our movie.**

IMPLANTAT

Discover **IMPLANTAT**,
the educational habitat of S.I.N. Implant System.
An online teaching platform created to make more professionals
accelerate their career and increase their success.

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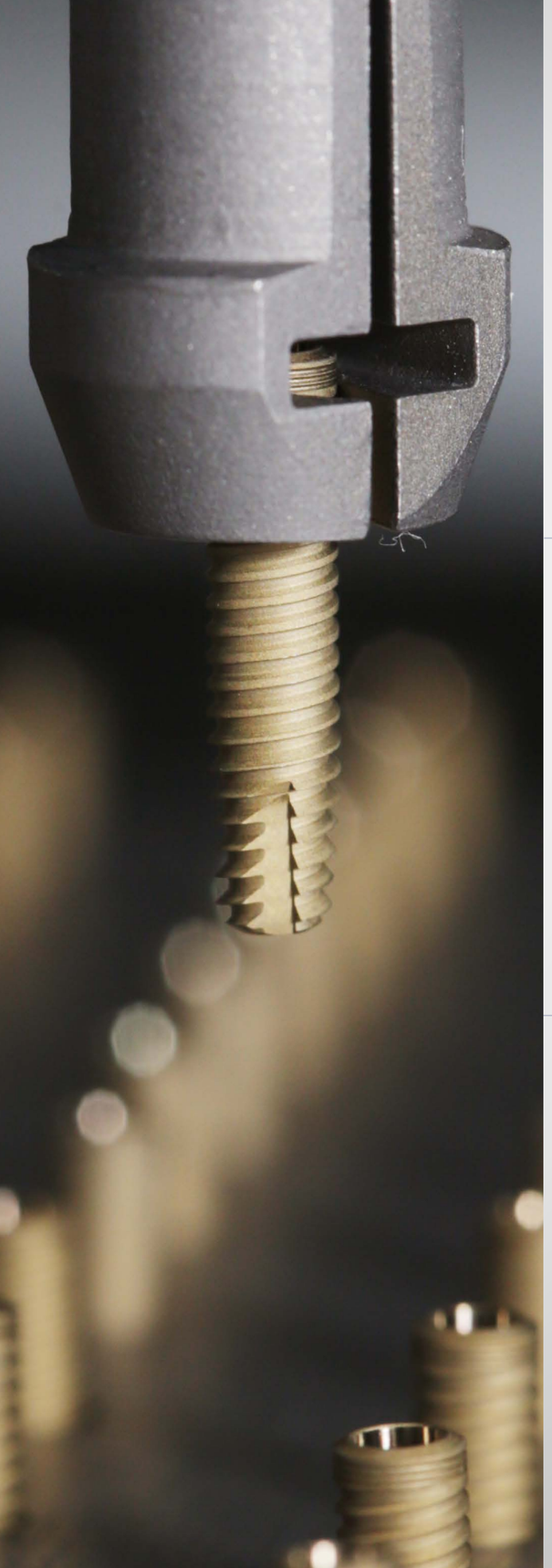
your journey of knowledge now!

EDUCATION POWERED BY S.I.N. IMPLANT SYSTEM

S.I.N.
Implant System



Unitite

S.I.N.

## Scientific Evidence

› Research and development of products in partnership with renowned universities and institutes around the world as:
Aarhus University - Denmark,
Chalmers University - Sweden,
KU Lueven - Belgium,
Malmö University - Sweden,
UNESP - Brazil,
USP - Brazil,
UFU - Brazil,
SLmandic - Brazil.

## Production Excellence

› Large investments in technological updating of our manufacturing facilities over the past three years in state-of-the art equipment.

› Annual production of over 5 million items.

Get to know our Smile Factory.
Scan the QR code with
your cell phone camera and
take a 360° tour of S.I.N.

## Global Presence

› One of the most important implant companies worldwide.

› Wide international presence.

## Guaranteed Quality and Certifications

› Rigorous quality control of process, from the arrival of the raw material to the delivery of the final product, proven through national and international certifications.

ISO 9001 ISO 13485 ANVISA CE FDA
ISO 14001 ISO 45001

Unitite

DOWNLOAD THE S.I.N. APP
AND SEE IN AUGMENTED REALITY

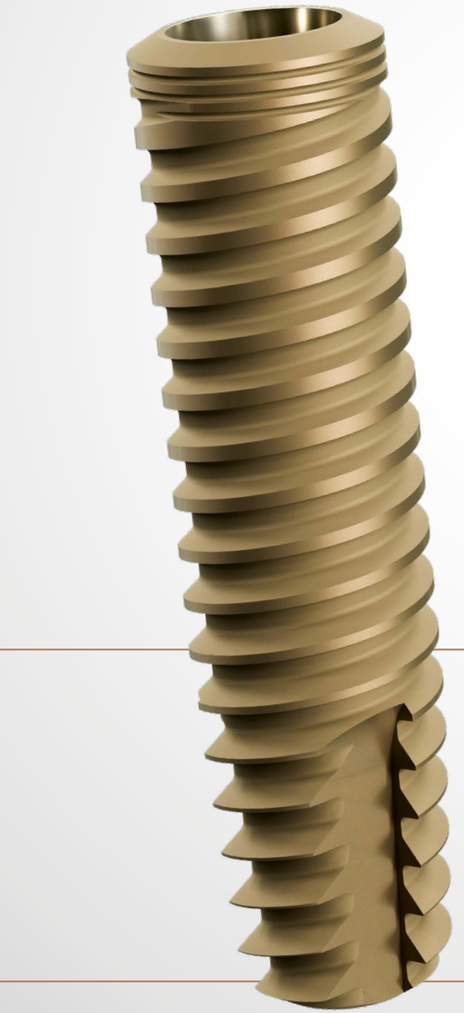
**Place the cellphone camara over the image**

# UNITITE®

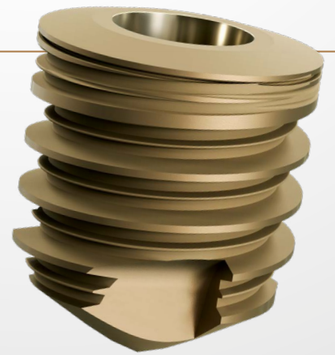
## REDEFINING CONCEPTS IN IMPLANTOLOGY.

From the synergy between the exclusive **macrogeometry** and the most advanced **surface nanoactivation** emearges the **UNITITE®**, an implant line that has revolutionized the world market due to its originality, innovation, and high performance.

**EXPLORE THE BEST IMPLANT OF THE PRESENT.**



*UNITITE® SLIM*



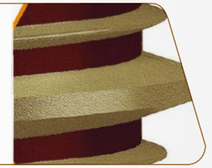
*UNITITE® COMPACT*



- Exclusive **HAnano®** surface: developed at Chalmers University, in Sweden, HAnano® was evaluated by more than 50 preclincial and clinical studies, which verify a faster osseointegration, besides promoting a superior bone quality.


- Healing Chambers: only the external threads touches the bone tissue, while the internal threads are kept apart, promoting a very high quality hybrid healing.

- Faster with more bone: the high hydrophilicity, which is generated by an ultrafine and homogeneous layer of hydroxyapatite, increases the activity of the proteins involved in the process of osseointegration.



- Distinctive hybrid macrogeometry: accuracy of the drilling system and the design of the external threads give high stability, and minimize the compression of the healing bone tissue.


- Scientific evidence: more than 10 years of research and development with the renowned scientists in at leading universities worldwide.

## COMPLETE SOLUTIONS

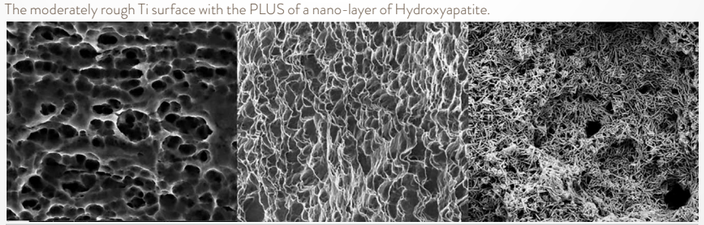
Unitite® brings you what is the most modern in the world of implantology. Using Unitite® Slim, and Unitite® Compact your surgical planning has more possibilities for innovative and high-performance solutions.

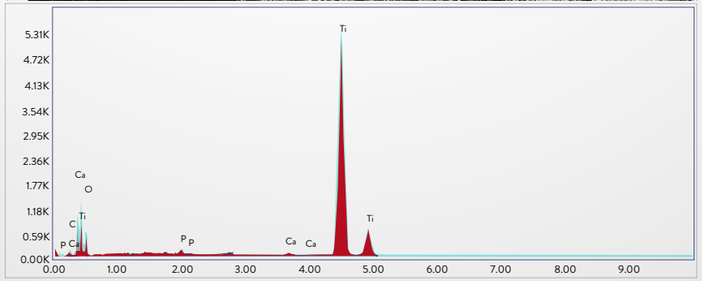
*One concept, several possibilities.*

# HA*nano* Surface

Hydroxyapatite (HA), which is the main mineral present in the natural bone structure, when applied on the surface of nanostructured titanium implants, forms a homogeneous and stable coating functioning as a scar catalyst that speeds up osseointegration when compared to conventional surfaces.
From 2005 on, HAnano® surfaces have been developed by researchers from leading universities in Gothenburg (Sweden). Scientists from several countries have tested and approved its effectiveness, the results of which have been published in dozens of articles in world-renowned scientific journals.
The HAnano® coating is formed by hydroxyapatite nanocrystals, with size and shape similar to those of human bone, sintered on a microrough titanium measuring 20 nm thick that promotes a change on surface energy, increasing the hydrophilicity and providing substrate that stimulates a greater osteoblasts multiplication. The HAnano® present on the surface of the Unitite® and Strong SW Plus implants has shown an improvement in scar response in molecular tests of signal transduction, where the proteins involved in the scar process recorded a substantial increase in concentration, presenting the coating positive effect on the interaction with the pre-osteoblastic cells. Likewise, there was an increase in the concentration of important osteogenic markers, such as alkaline phosphatase and ostecalcin, in a clear signaling of the mineralization process acceleration. Among the most relevant aspects, with the greatest clinical significance, is the bone mechanical quality which is formed around this highly hydrophilic Unitite® and Strong SW Plus surface, which derives from the resulting ionic potential of the HAnano®.

The image below shows the Unitite® surface at an increase of 5.000x / 10,000x / 100,000x respectively.
The moderately rough Ti surface with the PLUS of a nano-layer of Hydroxyapatite.






| Element | Weight % | Atomic % | Net Int. | Error % | Kratio | Z | A | F |
|---|---|---|---|---|---|---|---|---|
| C K | 2.38 | 6.12 | 17.55 | 14.07 | 0.0109 | 1.2237 | 0.3738 | 1.0000 |
| O K | 23.65 | 45.76 | 86.13 | 12.54 | 0.0225 | 1.1758 | 0.0809 | 1.0000 |
| P K | 0.62 | 0.62 | 27.83 | 21.11 | 0.0049 | 1.0352 | 0.7510 | 1.0095 |
| CaK | 0.74 | 0.57 | 28.30 | 17.15 | 0.0080 | 1.0212 | 0.9855 | 1.0730 |
| TiK | 72.61 | 46.92 | 2177.66 | 1.66 | 0.6760 | 0.9268 | 1.0034 | 1.0014 |

The chart and table above corresponds to an EDS analysis on the Unitite® surface, bringing the purity and stability of the implant surface closer.



## SCIENTIFIC PUBLICATIONS

The positive and superior results of HAnano® have been evaluated and proven by numerous scientific studies in several recognized universities and research institutions worldwide. You can check some of them on the QrCodes below:

### NANO HYDROXYAPATITE STRUCTURES INFLUENCE EARLY BONE FORMATION.

Meirelles L, Arvidsson A, Andersson M, Kjellin P, Albrektsson T, Wennerberg A.

Journal of Biomedical Materials Research Part A Volume 87A, Issue 2,2008, pp. 299-307

### THE EFFECT OF CHEMICAL AND NANOTOPOGRAPHICAL MODIFICATIONS ON THE EARLY STAGES OF OSSEOINTEGRATION.

Meirelles L, Currie F, Jacobsson M, Albrektsson T, Wennerberg A.

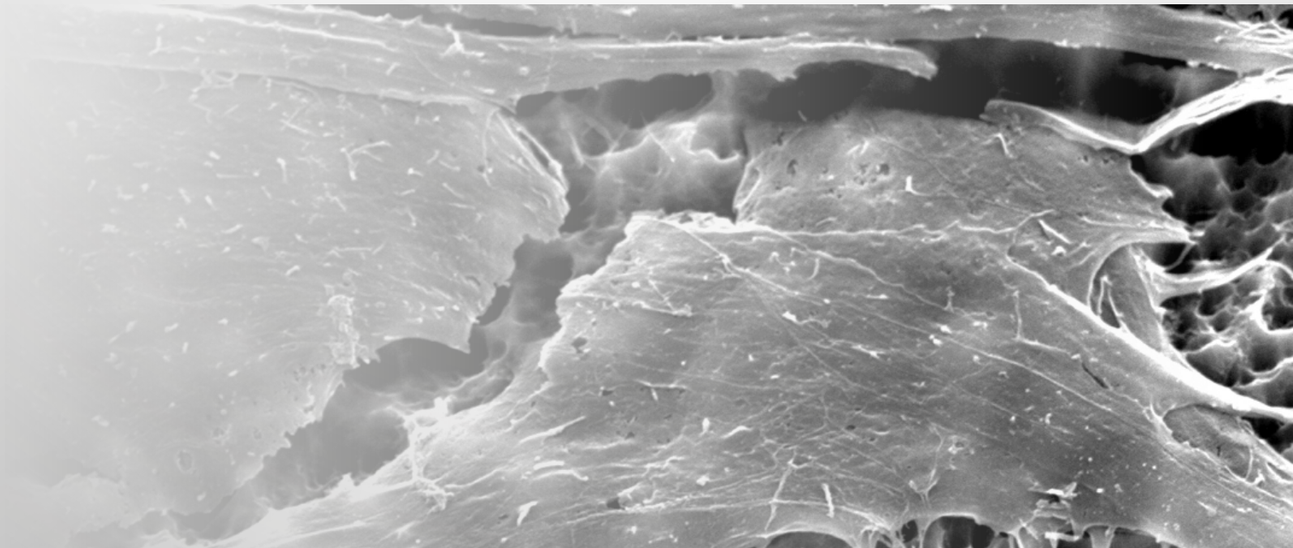
The International Journal of Oral and Maxillofacial Implants Volume 23, Issue 4, 2008, pp. 641-647

### NANO HYDROXYAPATITE-COATED IMPLANTS IMPROVE BONE NANOMECHANICAL PROPERTIES.

Jimbo R, Coelho PG, Bryington M, Baldassarri M, Tovar N, Currie F, Hayashi M, Janal MN, Andersson M, Ono D, Vandeweghe S, Wennerberg

A.J Dent Res. 2012;91(12):1172-7

Scanning Electron Microscopy demonstrating osteoblastic cell on HAnano® surface. Courtesy: Cavalcanti JH, Tanaka M, Bezerra FJ, CBPF RJ.

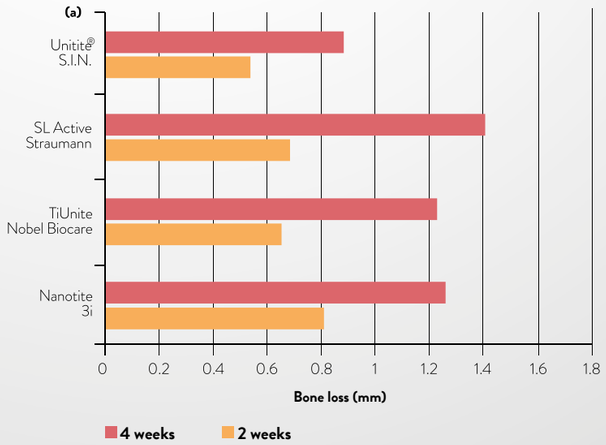


# UNITITE®
# HIGH LEVEL OF EXCELLENCE

Unitite® was developed based on more than 10 years of studies in important universities of the world. That is how we have been able to verify its efficacy through clinical and scientific results.

In the following chart we observed the results of Unitite® with respect to marginal bone loss performed in an animal study.
In this study, Unitite® was compared to implants SLActive (Straumann), TiUnite (Nobel Biocare) and Nanotite (Biomet 3i), with lower bone loss two to four weeks after implant placement.

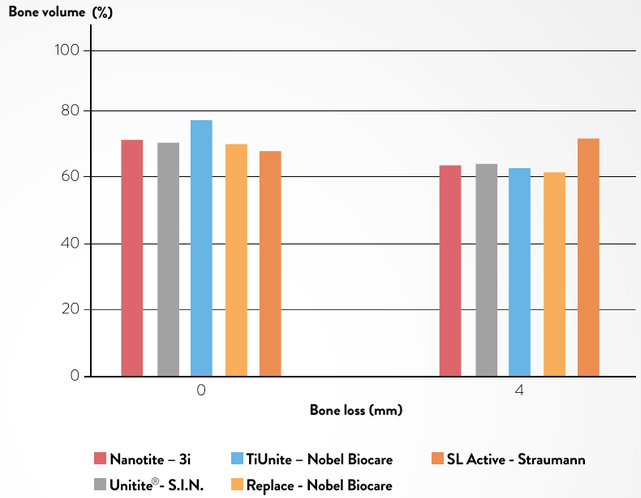
*Source: modified from Bonfante et al.*





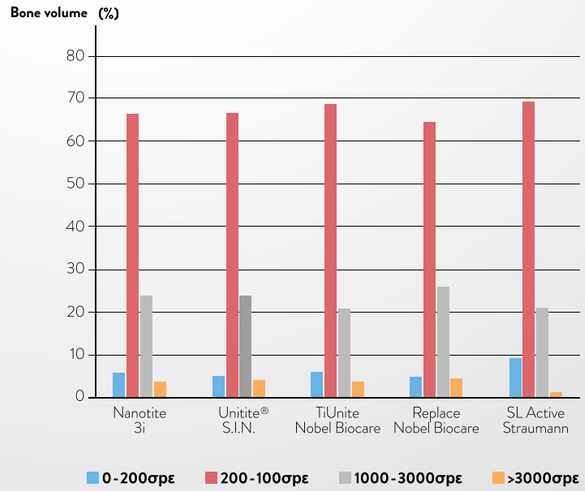

The Unitite® demonstrated excellent results for bone maintenance in finite element analysis.

*Source: modified from Shunmugasamy et al.*

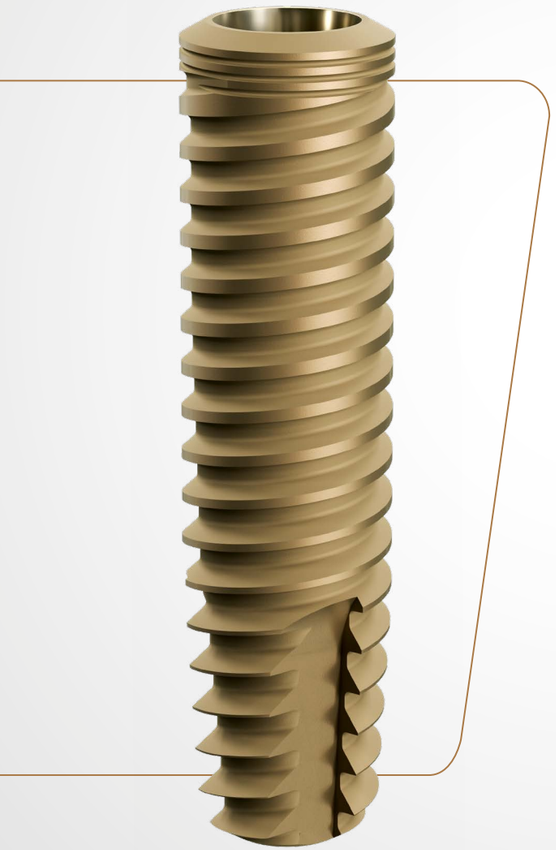



By analyzing the results demonstrated below, it was found that the dissipation of forces in the bone tissue of the Unitite® is comparable to the main brands of dental implants.

*Source: modified from Shunmugasamy et al.*



# UNITITE® SLIM



*UNITITE® SLIM*

- Offers three different lengths for your surgical planning.
- Only 2.9 mm diameter: Unitite® Slim provides rehabilitation in narrow areas and limited interdental spaces, such as the upper lateral incisors, and lower incisors areas.
- More safety: the reduced dimension protects vital oral structures, and their vascularization.
- Morse Taper: biomechanical superiority of prosthetic connections with internal angle of 3 degrees.
- Produced with Cold-Worked grade 4 Titanium: This production technique offers long-term stability and mechanical strength for thin-walled implants.

**INDICATIONS FOR CLINICAL USE:**

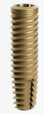
› 2.9 – Central and lateral incisors (mandible) lateral incisors (maxilla)

> Indicated for all type of bones
**> Recommended 1.5 mm infra-bone installation.**
> Speed of the initial drills: 1200 rpm.
> Speed of the drill 2.7mm: 800 rpm.
> Speed of the bone tap 2.9mm: 20 rpm*.
> Insertion speed: 20 to 40 rpm.
**> Maximum Torque: 45 N.cm.**
> Includes cover screw of 2.0 mm.
> Suitable for late loading: As from 60 days.

* For bone types I and II, the bone tap is required to ensure the correct healing process.



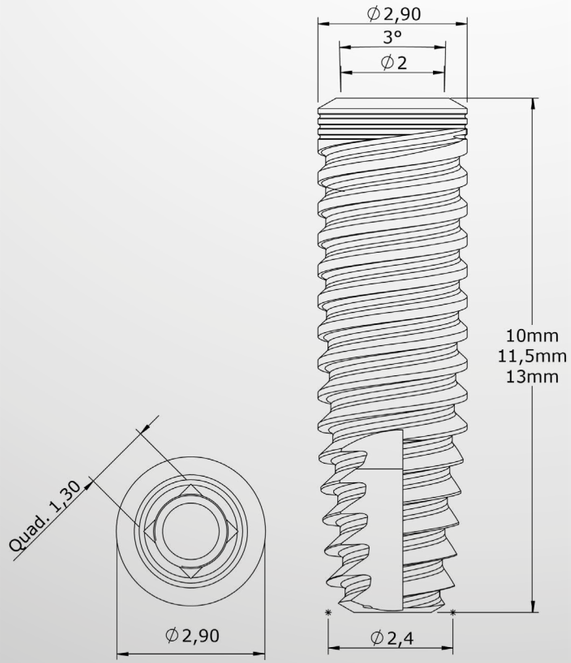
## DRILLING SEQUENCE GUIDE

| | | 1.200 RPM | | 800 RPM | 20 RPM |
|---|---|---|---|---|---|
| | |  |  |  |  |
| | PLAT. (mm) | FRLD 2005 Ø 2.0 | FHCD 2015 Ø 2.0 | FUM 2915 Ø 2.7 | CMRU 29 Ø 2.9 |
|  Unitite® Slim | 2.9 | • | • | • | • |

• For bone types I and II, the bone tap is required to ensure the correct healing process.

## TECHNICAL INFORMATION

UCMS 29xxN




Scan to see step by step

# UNITITE® SLIM PROSTHETIC SEQUENCE

*UNIVERSAL ABUTMENT SEQUENCE (ANALOG AND DIGITAL)*

Cemented Single

**IMPLANT**

| CODE | DIAM. (mm) | LENGTH (mm) |
|---|---|---|
| UCMS 2910N | 2.9 | 10.0 |
| UCMS 2911N | 2.9 | 11.5 |
| UCMS 2913N | 2.9 | 13.0 |

1

**TITANIUM HEALING CAP**

| CODE | DIAM. (mm) | LENGTH (mm) |
|---|---|---|
| CIMUS 3315 | 3.3 | 1.5 |
| CIMUS 3325 | 3.3 | 2.5 |
| CIMUS 3335 | 3.3 | 3.5 |
| CIMUS 3345 | 3.3 | 4.5 |

1

10 N.cm

**PEEK HEALING CAP**

| CODE | PROFILE DIAM. (mm) | LENGTH (mm) |
|---|---|---|
| CPUS 0404 | 4.0 | 4.0 |
| CPUS 0408 | 4.0 | 8.0 |

1

15 N.cm

**UNIVERSAL ABUTMENT**

| STRAIGHT CODE | DIAM. (mm) | TRANSMUCOSAL HEIGHT (mm) | CEMENTATION HEIGHT (mm) |
|---|---|---|---|
| AISITS 334008 | 3.3 | 0.8 | 4.0 |
| AISITS 334015 | 3.3 | 1.5 | 4.0 |
| AISITS 334025 | 3.3 | 2.5 | 4.0 |
| AISITS 334035 | 3.3 | 3.5 | 4.0 |
| AISITS 334045 | 3.3 | 4.5 | 4.0 |
| AISITS 334055 | 3.3 | 5.5 | 4.0 |
| AISITS 336008 | 3.3 | 0.8 | 6.0 |
| AISITS 336015 | 3.3 | 1.5 | 6.0 |
| AISITS 336025 | 3.3 | 2.5 | 6.0 |
| AISITS 336035 | 3.3 | 3.5 | 6.0 |
| AISITS 336045 | 3.3 | 4.5 | 6.0 |
| AISITS 336055 | 3.3 | 5.5 | 6.0 |

**POLYACETAL IMPRESSION TRANSFER**

| CODE | DIAM. (mm) | LENGTH (mm) |
|---|---|---|
| TSIT 3340 | 3.3 | 4.0 |
| TSIT 3360 | 3.3 | 6.0 |

**ANALOG**

| CODE | DIAM. (mm) | LENGTH (mm) |
|---|---|---|
| ASIT 3340 | 3.3 | 4.0 |
| ASIT 3360 | 3.3 | 6.0 |

**POLYACETAL CALCINABLE CYLINDER**

| CODE | DIAM. (mm) | LENGTH (mm) |
|---|---|---|
| CPSIT 3340 | 3.3 | 4.0 |
| CPSIT 3360 | 3.3 | 6.0 |

**ACRYLIC TEMPORARY CYLINDER**

| CODE | DIAM. (mm) | LENGTH (mm) |
|---|---|---|
| CCSIT 3340 | 3.3 | 4.0 |
| CCSIT 3360 | 3.3 | 6.0 |

**UNIVERSAL ABUTMENT SCANNING JIG**

| CODE | DIAM. (mm) | HEIGHT (mm) |
|---|---|---|
| JBSIT 3340 | 3.3 | 4.0 |
| JBSIT 3360 | 3.3 | 6.0 |
| JBSIT 4540 | 4.5 | 4.0 |
| JBSIT 4560 | 4.5 | 6.0 |

**UNIVERSAL ABUTMENT DIGITAL ANALOG**

| CODE | DIAM. (mm) | HEIGHT (mm) |
|---|---|---|
| ADUA 3340 | 3.3 | 4.0 |
| ADUA 3360 | 3.3 | 6.0 |
| ADUA 4540 | 4.5 | 4.0 |
| ADUA 4560 | 4.5 | 6.0 |

For installation and removal of PEEK healing caps compatible with Unitite® Slim, it is necessary to purchase the CICS and CRCS keys separately.

Check product availability in your country.

## DRIVERS

1

Counter-angle Hexagonal Torque Screwdriver 20.0mm (CTH 1220)

Counter-angle Hexagonal Torque Screwdriver 24.0mm (CTH 1224)



Counter-angle Hexagonal Torque Screwdriver 30.0mm (CTH 1230)

Hex Driver 1.2x20mm (CDHC 20)

Hex Driver 1.2x24mm (CDHC 24)

- * Analog sequence
- * Digital sequence
- * Hex driver
- * Anti-Rotational component
- * Squared Screw
- * Abutment Screw
- * Rotational component

# UNITITE® SLIM PROSTHETIC SEQUENCE

*MICRO MULTI-UNIT ABUTMENT (ANALOG AND DIGITAL)*

Single and Multiple screw retained prosthesis

**IMPLANT**

| CODE | DIAM. (mm) | LENGTH (mm) |
|---|---|---|
| UCMS 2910N | 2.9 | 10.0 |
| UCMS 2911N | 2.9 | 11.5 |
| UCMS 2913N | 2.9 | 13.0 |

2

15 N.cm

**MICRO MULTI-UNIT ABUTMENT**

| CODE | DIAM. (mm) | TRANSMUCOSAL LENGTH (mm) |
|---|---|---|
| MMAMS 3315 | 3.5 | 1.5 |
| MMAMS 3325 | 3.5 | 2.5 |
| MMAMS 3335 | 3.5 | 3.5 |

1

**ABUTMENT PROTECTOR**

CODE

PMM 33

1

**OPEN TRAY TRANSFER**

CODE

TMM 33

1

**CLOSED TRAY TRANSFER**

*CODE*

TMMF 33

TMMF 3306 ⬡

1

**ANALOG**

CODE

AMMA 33

1

10 N.cm

**TEMPORARY CYLINDER**

CODE

CPMT 33 ⬡

1

10 N.cm

**CALCINABLE AND CO-CR CYLINDER**

*CODE*

| | |
|---|---|
| CPMC 33 | Plastic |
| CPMM 33 | Cobalt chrome |
| CPMC 3306 | Plastic ⬡ |
| CPMM 3306 | Cobalt chrome ⬡ |

1

**LABORATORY SCREW**

CODE

PTMMA 14

1

10 N.cm

**RETAINING SCREW**

CODE

PRH 3035

**POLISHING PROTECTOR**

CODE

PPMM 33

PPMM 3306 ⬡

1

**MICRO MULTI-UNIT ABUTMENT SCANNING JIG**

CODE

JBMMA

JBMMA06 ⬡

1

**MICRO MULTI-UNIT ABUTMENT SCANNING JIG**

CODE

JBMMAC

JBMMA 06C ⬡

**MICRO MULTI-UNIT ABUTMENT DIGITAL ANALOG**

CODE

ADMMA

1

10 N.cm

**TITANIUM INTERFACE MICRO MULTI-UNIT ABUT**

| CODE | LENGTH (mm) | |
|---|---|---|
| IMMAT 04 | 4.0 | |
| IMMAT 06 | 6.0 | |
| IMMAT 0406 | 4.0 | ⬡ |
| IMMAT 0606 | 6.0 | ⬡ |

1

10 N.cm

**CHROME INTERFACE MICRO MULTI-UNIT ABUTMENT**

| CODE | LENGTH (mm) | |
|---|---|---|
| IMMAC 04 | 4.0 | |
| IMMAC 06 | 6.0 | |
| IMMAC 0406 | 4.0 | ⬡ |
| IMMAC 0606 | 6.0 | ⬡ |

## DRIVERS

1



Counter-angle Hexagonal Torque Screwdriver 20.0mm (CTH 1220)



Counter-angle Hexagonal Torque Screwdriver 24.0mm (CTH 1224)



Counter-angle Hexagonal Torque Screwdriver 30.0mm (CTH 1230)

Hex Driver 1.2x20mm (CDHC 20)

Hex Driver 1.2x24mm (CDHC 24)

2

Abutment Torque Screwdriver 24.0mm (CTA 1224)

Multi-Unit/Conical Driver (CDAC 20)

Multi-Unit/Conical Driver (CDAC 24)

For installation and removal of PEEK healing caps compatible with Unitite® Slim, it is necessary to purchase the CICS and CRCS keys separately.

Check product availability in your country.

* Analog sequence

* Digital sequence

* Hex driver

⬡ * Anti-Rotational component

■ * Squared Screw

⬡ * Abutment Screw

⬡ * Rotational component

# UNITITE® SLIM PROSTHETIC SEQUENCE

*OVERDENTURE EQUATOR*

**IMPLANT**

| CODE | DIAM. (mm) | LENGTH (mm) |
|---|---|---|
| UCMS 2910N | 2.9 | 10.0 |
| UCMS 2911N | 2.9 | 11.5 |
| UCMS 2913N | 2.9 | 13.0 |

1

**TITANIUM HEALING CAP**

| CODE | DIAM. (mm) | LENGTH (mm) |
|---|---|---|
| CIMUS 3315 | 3.3 | 1.5 |
| CIMUS 3325 | 3.3 | 2.5 |
| CIMUS 3335 | 3.3 | 3.5 |
| CIMUS 3345 | 3.3 | 4.5 |

1

10 N.cm

**PEEK HEALING CAP**

| CODE | PROFILE DIAM. (mm) | LENGTH (mm) |
|---|---|---|
| CPUS 0404 | 4.0 | 4.0 |
| CPUS 0408 | 4.0 | 8.0 |

2

15 N.cm

**EQUATOR ABUTMENT CM 3°**

| *CODE* | *DIAM. (mm)* | *HEIGHT. (mm)* |
|---|---|---|
| AEUS 3508 | 3.5 | 0.8 |
| AEUS 3515 | 3.5 | 1.5 |
| AEUS 3525 | 3.5 | 2.5 |
| AEUS 3535 | 3.5 | 3.5 |
| AEUS 3545 | 3.5 | 4.5 |
| AEUS 3555 | 3.5 | 5.5 |

**PROTECTION DISC PACK 10**

| *CODE* | *DIAM* |
|---|---|
| 100 DP | 1,6 mm |

**PROTECTION DISC PACK 10**

| *CODE* | *DIAM* |
|---|---|
| 100 DPR | 2,9 mm |

**TITANIUM ATTACHMENT**

| *CODE* |
|---|
| 141 CTE |

**SMARTBOX**

| *CODE* |
|---|
| 330 SBE |

## DRIVERS

Counter-angle Hexagonal Torque Screwdriver 20.0mm (CTH 1220)

Counter-angle Hexagonal Torque Screwdriver 24.0mm (CTH 1224)



Counter-angle Hexagonal Torque Screwdriver 30.0mm (CTH 1230)

1

Hex Driver 1.2x20mm (CDHC 20)

Hex Driver 1.2x24mm (CDHC 24)

Square Torque Driver 20.0mm (CTQ 20)



Square Torque Driver 24.0mm (CTQ 24)



Square Torque Driver 30.0mm (CTQ 30)

2

Square Driver 1.3x20mm (CQTM 20)

Square Driver 1.3x24mm (CQTM 24)

**YELLOW CAPSULE**

| *CODE* | *CHARACTERISTIC* |
|---|---|
| 140 CEG | Extra soft retention (0.6 KG) |

**PINK CAPSULE**

| *CODE* | *CHARACTERISTIC* |
|---|---|
| 140 CER | Soft retention (1.2 kg) |

**CLEAR CAPSULE**

| *CODE* | *CHARACTERISTIC* |
|---|---|
| 140 CET | Standard retention (1.8 kg) |

**PURPLE CAPSULE**

| *CODE* | *CHARACTERISTIC* |
|---|---|
| 140 CEV | Strong retention (2.7 kg) |

**BLACK CAPSULE**

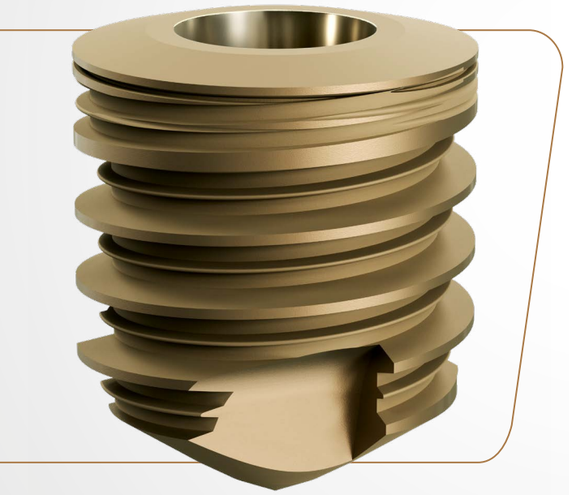
| *CODE* | *CHARACTERISTIC* |
|---|---|
| 140 CEN | Working capsule |

| *CODE* | *CHARACTERISTIC* |
|---|---|
| CCE 01 | Capsule pack (composed of 1 unit of item 140 CEV; 1 unit of item 140 CEN; and 2 units of item 140 CET). |

| *CODE* | *CHARACTERISTIC* |
|---|---|
| 485 IC | Key for insertion and extraction of retention capsules. |

- * Analog sequence
- * Digital sequence
- * Hex driver
- * Anti-Rotational component
- * Squared Screw
- * Abutment Screw
- * Rotational component

# UNITITE® COMPACT



*UNITITE® COMPACT*

- Unitite® Compact is indicated for reduced vertical bone availability in the maxilla and mandible.
- Offers diversities of sizes: three lengths in three different diameters.
- Reduces the need of complex surgeries of vertical bone augmentation.
- High performance: adds high stability and predictability to results in cases with reduced bone height.
- Prosthetic Versatility: possibility to perform multiple screwed or single cemented prosthesis.
- Morse Taper Platform: 4º internal angle allows excellent prosthetic stability and longevity of the implant.

## INDICATIONS FOR CLINICAL USE:

4.0 - Canines, premolars, and molars
5.0 - Molars
6.0 - Molars

> Indicated for all type of bones.
**> Recommended bone level installation.**
> Speed of the initial drills: 1200 rpm.
> Speed of the drills 2.7 to 5.8mm: 800 rpm.
> Speed of the bone tap from 4.0 to 6.0mm: 20 rpm*.
> Insertion speed: 20 to 40 rpm.
**> Maximum Torque: 60 N.cm.**
> Includes cover screw of 0 mm.
> Suitable for late loading: As from 60 days.

* For bone types I and II, the bone tap is required to ensure the correct healing process.



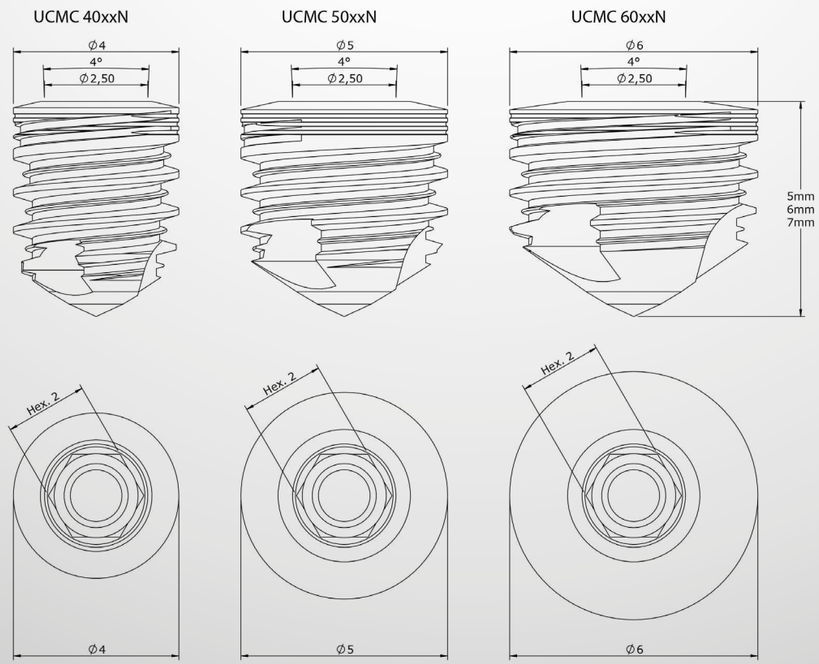
## DRILLING SEQUENCE GUIDE

Scan to see step by step

| | 1.200 RPM | 800 RPM | | | | | | | | | 20 RPM | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***PLAT. (mm)*** | FRLD 2005 Ø 2.0 | FHCD 2015 Ø 2.0 | FUM 2915 Ø 2.7 | FUM 3515 Ø 3.3 | FPUC 3338 Ø 3,3/Ø3,8 | FHCD 3215 Ø 3.8 | FPUC 3848 Ø3,8/Ø4,8 | FHCD 4215 Ø 4.8 | FPUC 4858 Ø4,8/Ø5,0 | FHCD 5215 Ø 5.8 | CMRUC 40 Ø 4.0 | CMRUC 50 Ø 5.0 | CMRUC 60 Ø 6.0 |
|  ***Unitite® Compact*** | ***4,0*** | • | • | • | • | • | • | | | | | ● | | |
| | ***5,0*** | • | • | • | • | • | • | • | • | | | | ● | |
| | ***6,0*** | • | • | • | • | • | • | • | • | • | • | | | ● |

● For bone types I and II, the bone tap is required to ensure the correct healing process.

## TECHNICAL INFORMATION



# UNITITE® COMPACT PROSTHETIC SEQUENCE

*UNIVERSAL ABUTMENT - SEQUENCE WITH PROSTHETIC INTERMEDIATE (ANALOG AND DIGITAL)*

Cemented Single

**IMPLANT**

| CODE | DIAM. (mm) | LENGTH (mm) |
|---|---|---|
| UCMC 4005N | 4.0 | 5.0 |
| UCMC 4006N | 4.0 | 6.0 |
| UCMC 4007N | 4.0 | 7.0 |
| UCMC 5005N | 5.0 | 5.0 |
| UCMC 5006N | 5.0 | 6.0 |
| UCMC 5007N | 5.0 | 7.0 |
| UCMC 6005N | 6.0 | 5.0 |
| UCMC 6006N | 6.0 | 6.0 |
| UCMC 6007N | 6.0 | 7.0 |

1

**TITANIUM HEALING CAP**

| CODE | DIAM. (mm) | LENGTH (mm) |
|---|---|---|
| CIC 4002 | 4.0 | 2.0 |
| CIC 4004 | 4.0 | 4.0 |
| CIC 4006 | 4.0 | 6.0 |

1

10 N.cm

**PEEK HEALING CAP**

| CODE | PROFILE DIAM. (mm) | LENGTH (mm) |
|---|---|---|
| CPUC 0504 | 5.0 | 4.0 |
| CPUC 0804 | 8.0 | 4.0 |
| CPUC 0508 | 5.0 | 8.0 |
| CPUC 0808 | 8.0 | 8.0 |

1

20 N.cm

**STRAIGHT UNIVERSAL ABUTMENT**

| CODE | DIAM. (mm) | TRANSMUCOSAL LENGTH (mm) | CEMENTATION LENGTH (mm) |
|---|---|---|---|
| AIMC 45401 | 4.5 | 1.0 | 4.0 |
| AIMC 45402 | 4.5 | 2.0 | 4.0 |
| AIMC 45403 | 4.5 | 3.0 | 4.0 |
| AIMC 45404 | 4.5 | 4.0 | 4.0 |
| AIMC 45405 | 4.5 | 5.0 | 4.0 |
| AIMC 45601 | 4.5 | 1.0 | 6.0 |
| AIMC 45602 | 4.5 | 2.0 | 6.0 |
| AIMC 45603 | 4.5 | 3.0 | 6.0 |
| AIMC 45604 | 4.5 | 4.0 | 6.0 |
| AIMC 45605 | 4.5 | 5.0 | 6.0 |

**POLYACETAL IMPRESSION TRANSFER**

| CODE | DIAM. (mm) | LENGTH (mm) |
|---|---|---|
| TSIT 4540 | 4.5 | 4.0 |
| TSIT 4560 | 4.5 | 6.0 |

**ANALOG**

| CODE | DIAM. (mm) | LENGTH (mm) |
|---|---|---|
| ASIT 4540 | 4.5 | 4.0 |
| ASIT 4560 | 4.5 | 6.0 |

**POLYACETAL CALCINABLE CYLINDER**

| CODE | DIAM. (mm) | LENGTH (mm) |
|---|---|---|
| CPSIT 4540 | 4.5 | 4.0 |
| CPSIT 4560 | 4.5 | 6.0 |

**ACRYLIC TEMPORARY CILINDER**

| CODE | DIAM. (mm) | LENGTH (mm) |
|---|---|---|
| CCSIT 4540 | 4.5 | 4.0 |
| CCSIT 4560 | 4.5 | 6.0 |

**UNIVERSAL ABUTMENT SCANNING JIG**

| CODE | *DIAM. (mm)* | *HEIGHT (mm)* |
|---|---|---|
| JBSIT 3340 | 3.3 | 4.0 |
| JBSIT 3360 | 3.3 | 6.0 |
| JBSIT 4540 | 4.5 | 4.0 |
| JBSIT 4560 | 4.5 | 6.0 |

**UNIVERSAL ABUTMENT DIGITAL ANALOG**

| CODE | *DIAM. (mm)* | *HEIGHT (mm)* |
|---|---|---|
| ADUA 3340 | 3.3 | 4.0 |
| ADUA 3360 | 3.3 | 6.0 |
| ADUA 4540 | 4.5 | 4.0 |
| ADUA 4560 | 4.5 | 6.0 |

UNITITE COMPACT

## DRIVERS

Counter-angle Hexagonal Torque Screwdriver 20.0mm (CTH 1220)

Counter-angle Hexagonal Torque Screwdriver 24.0mm (CTH 1224)



Counter-angle Hexagonal Torque Screwdriver 30.0mm (CTH 1230)

1

Hex Driver 1.2x20mm (CDHC 20)

Hex Driver 1.2x24mm (CDHC 24)

Check product availability in your country.

* Analog sequence

* Digital sequence

* Hex driver

* Anti-Rotational component

* Squared Screw

* Abutment Screw

* Rotational component

# UNITITE® COMPACT PROSTHETIC SEQUENCE

*MULTI-UNIT ABUTMENT - SEQUENCE WITH PROSTHETIC INTERMEDIATE (ANALOG AND DIGITAL)*

Screw-retained multiple partial or full prosthesis

**IMPLANT**

| CODE | DIAM. (mm) | LENGTH (mm) |
|---|---|---|
| UCMC 4005N | 4.0 | 5.0 |
| UCMC 4006N | 4.0 | 6.0 |
| UCMC 4007N | 4.0 | 7.0 |
| UCMC 5005N | 5.0 | 5.0 |
| UCMC 5006N | 5.0 | 6.0 |
| UCMC 5007N | 5.0 | 7.0 |
| UCMC 6005N | 6.0 | 5.0 |
| UCMC 6006N | 6.0 | 6.0 |
| UCMC 6007N | 6.0 | 7.0 |

2

20 N.cm

**MULTI-UNIT ABUTMENT**

| CODE | DIAM. (mm) | TRANSMUCOSAL LENGTH (mm) |
|---|---|---|
| MAC 4801 | 4.8 | 1.0 |
| MAC 4802 | 4.8 | 2.0 |
| MAC 4803 | 4.8 | 3.0 |
| MAC 4804 | 4.8 | 4.0 |
| MAC 4805 | 4.8 | 5.0 |

1

**ABUTMENT PROTECTOR**

CODE

PMA 4855

5.0 profile

1

**OPEN TRAY TRANSFER**

CODE

TMAM 4800

1

**CLOSED TRAY TRANSFER**

CODE

TMFM 4800

**ANALOG**

CODE

ANMA 4800

1

10 N.cm

**TEMPORARY CYLINDER**

CODE

| | |
|---|---|
| PTM 4800-3 | For straight multi-unit |

1

10 N.cm

**CALCINABLE CO-CR CYLINDER**

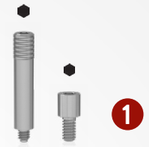
CODE

| | |
|---|---|
| CPM 4800-3 | For straight multi-unit |
| CLEM 4800-3 | Cobalt-chrome/ For straight multi-unit |

**POLISHING PROTECTOR**

CODE

PPM 01



1

**LABORATORY SCREW**

CODE

PL 1405 short

PTMA 13-1 long

1

10 N.cm

**RETAINING SCREW**

| CODE | LENGTH (mm) |
|---|---|
| PRH 30 | 3.0 |

1

**MULTI-UNIT ABUTMENT SCANNING JIG**

CODE

JBMA

1

**MULTI-UNIT ABUTMENT SCANNING JIG**

CODE

JBMAC

**MULTI-UNIT ABUTMENT DIGITAL ANALOG**

CODE

ADMA

1

10 N.cm

**TITANIUM INTERFACE MULTI-UNIT ABUT**

| CODE | LENGTH (mm) |
|---|---|
| IMAT 04 | 4.0 |
| IMAT 06 | 6.0 |

1

10 N.cm

**CHROME INTERFACE MULTI-UNIT ABUTMENT**

| CODE | LENGTH (mm) |
|---|---|
| IMAC 04 | 4.0 |
| IMAC 06 | 6.0 |

## DRIVERS

1

Counter-angle Hexagonal Torque Screwdriver 20.0mm (CTH 1220)

Counter-angle Hexagonal Torque Screwdriver 24.0mm (CTH 1224)



Counter-angle Hexagonal Torque Screwdriver 30.0mm (CTH 1230)

Hex Driver 1.2x20mm (CDHC 20)

Hex Driver 1.2x24mm (CDHC 24)

2

Abutment Torque Screwdriver 24.0mm (CTA 1224)

Multi-Unit/Conical Driver (CDAC 20)

Multi-Unit/Conical Driver (CDAC 24)

Check product availability in your country.

UNITITE COMPACT

* Analog sequence

* Digital sequence

* Hex driver

* Anti-Rotational component

* Squared Screw

* Abutment Screw

* Rotational component

# UNITITE® COMPACT PROSTHETIC SEQUENCE

*MULTIFUNCTIONAL ABUTMENT - SEQUENCE WITH PROSTHETIC INTERMEDIATE (ANALOG AND DIGITAL)*

Screw-retained single, multiple partial or full prosthesis

**IMPLANT**

| CODE | DIAM. (mm) | COMP. (mm) |
|---|---|---|
| UCMC 4005N | 4.0 | 5.0 |
| UCMC 4006N | 4.0 | 6.0 |
| UCMC 4007N | 4.0 | 7.0 |
| UCMC 5005N | 5.0 | 5.0 |
| UCMC 5006N | 5.0 | 6.0 |
| UCMC 5007N | 5.0 | 7.0 |
| UCMC 6005N | 6.0 | 5.0 |
| UCMC 6006N | 6.0 | 6.0 |
| UCMC 6007N | 6.0 | 7.0 |

32 N.cm

**MULTIFUNCTIONAL ABUTMENT**

| CODE | DAM. (mm) | TRANSMUCOSAL LENGTH (mm) |
|---|---|---|
| AMCMC 4801 | 4.8 | 1.0 |
| AMCMC 4802 | 4.8 | 2.0 |
| AMCMC 4803 | 4.8 | 3.0 |
| AMCMC 4804 | 4.8 | 4.0 |
| AMCMC 4805 | 4.8 | 5.0 |

Use hexagonal driver 1.6 mm

**ABUTMENT PROTECTOR**

CODE

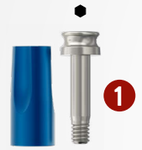
PAM 48

**OPEN TRAY TRANSFER**

CODE

TMAAM 00

TMAAM 06



**CLOSED TRAY TRANSFER**

CODE

TMFAM 00

TMFAM 06

**ANALOG**

CODE

ANAM

10 N.cm

**TEMPORARY TITANIUM CYLINDER**

CODE

PTAM 00

PTAM 06

10 N.cm

**CALCINABLE AND CR-CO CYLINDER**

CODE

| | |
|---|---|
| CCAM 00 | |
| CCAM 06 | |
| CCRAM 00 | Cobalt chrome |
| CCRAM 06 | Cobalt chrome |

10 N.cm

**RETAINING SCREW**

| CODE | HEIGHT (mm) |
|---|---|
| PRA 01 | 2.0 |

**POLISHING PROTECTOR**

CODE

PPAM 01

**LABORATORY SCREW**

CODE

PTMAL 01

**MULTIFUNCTIONAL ABUT SCANNING JIG**

CODE

JBAM00

JBAM06

**MULTIFUNCTIONAL ABUT SCANNING JIG**

CODE

JBAM 00C

JBAM 06C

**MULTIFUNCTIONAL ABUT DIGITAL ANALOG**

CODE

ADAM

10 N.cm

**CHROME INTERFACE MULTIFUNCTIONAL ABUT**

| CODE | LENGTH (mm) | |
|---|---|---|
| IAMC 0400 | 4.0 | |
| IAMC 0600 | 6.0 | |
| IAMC 0406 | 4.0 | ⬡ |
| IAMC 0606 | 6.0 | ⬡ |

10 N.cm

**TITANIUM INTERFACE MULTIFUNCTIONAL ABUT**

| CODE | LENGTH (mm) | |
|---|---|---|
| IAMT 0400 | 4.0 | |
| IAMT 0600 | 6.0 | |
| IAMT 0406 | 4.0 | ⬡ |
| IAMT 0606 | 6.0 | ⬡ |

## DRIVERS

**1**

Counter-angle Hexagonal Torque Screwdriver 20.0mm (CTH 1220)

Counter-angle Hexagonal Torque Screwdriver 24.0mm (CTH 1224)



Counter-angle Hexagonal Torque Screwdriver 30.0mm (CTH 1230)

Hex Driver 1.2x20mm (CDHC 20)

Hex Driver 1.2x24mm (CDHC 24)

**2**

Counter-angle Hexagonal Torque Screwdriver 1.6mm Short (CTH 1620)

Counter-angle Hexagonal Torque Screwdriver 1.6mm Medium (CTH 1624)

Hex Ratchet Wrench 16mm (CCH 1620)

Hex Ratchet Wrench 16mm (CCH 1624)

Check product availability in your country.

UNITITE COMPACT

* Analog sequence

* Digital sequence

* Hex driver

* Anti-Rotational component

* Squared Screw

* Abutment Screw

* Rotational component

# UNITITE® COMPACT PROSTHETIC SEQUENCE

*OVERDENTURE EQUATOR*

### IMPLANT

| CODE | DIAM. (mm) | LENGTH (mm) |
|---|---|---|
| UCMC 4005N | 4.0 | 5.0 |
| UCMC 4006N | 4.0 | 6.0 |
| UCMC 4007N | 4.0 | 7.0 |
| UCMC 5005N | 5.0 | 5.0 |
| UCMC 5006N | 5.0 | 6.0 |
| UCMC 5007N | 5.0 | 7.0 |
| UCMC 6005N | 6.0 | 5.0 |
| UCMC 6006N | 6.0 | 6.0 |
| UCMC 6007N | 6.0 | 7.0 |

1

### TITANIUM HEALING CAP

| CODE | DIAM. (mm) | LENGTH (mm) |
|---|---|---|
| CIC 4002 | 4.0 | 2.0 |
| CIC 4004 | 4.0 | 4.0 |
| CIC 4006 | 4.0 | 6.0 |

1

10 N.cm

### PEEK HEALING CAP

| CODE | PROFILE DIAM. (mm) | LENGTH (mm) |
|---|---|---|
| CPUC 0504 | 5.0 | 4.0 |
| CPUC 0804 | 8.0 | 4.0 |
| CPUC 0508 | 5.0 | 8.0 |
| CPUC 0808 | 8.0 | 8.0 |

2

20 N.cm

### EQUATOR ABUTMENT CM 4°

| *CODE* | *DIAM. (mm)* | *HEIGHT (mm)* |
|---|---|---|
| AEUC 4001 | 4 | 1 |
| AEUC 4002 | 4 | 2 |
| AEUC 4003 | 4 | 3 |
| AEUC 4004 | 4 | 4 |
| AEUC 4005 | 4 | 5 |
| AEUC 4006 | 4 | 6 |

### PROTECTION DISC PACK 10

| *CODE* | *DIAM* |
|---|---|
| 100 DP | 1,6 mm |

### PROTECTION DISC PACK 10

| *CODE* | *DIAM* |
|---|---|
| 100 DPR | 2,9 mm |

### TITANIUM ATTACHMENT

| *CODE* |
|---|
| 141 CTE |

### SMARTBOX

| *CODE* |
|---|
| 330 SBE |

## DRIVERS

Counter-angle Hexagonal Torque Screwdriver 20.0mm (CTH 1220)

Counter-angle Hexagonal Torque Screwdriver 24.0mm (CTH 1224)

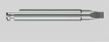


Counter-angle Hexagonal Torque Screwdriver 30.0mm (CTH 1230)

1

Hex Driver 1.2x20mm (CDHC 20)

Hex Driver 1.2x24mm (CDHC 24)



Square Torque Driver 20.0mm (CTQ 20)

Square Torque Driver 24.0mm (CTQ 24)



Square Torque Driver 30.0mm (CTQ 30)

2

Square Driver 1.3x20mm (CQTM 20)

Square Driver 1.3x24mm (CQTM 24)

### YELLOW CAPSULE

| *CODE* | *CHARACTERISTIC* |
|---|---|
| 140 CEG | Extra soft retention (0.6 KG) |

### PINK CAPSULE

| *CODE* | *CHARACTERISTIC* |
|---|---|
| 140 CER | Soft retention (1.2 kg) |

### CLEAR CAPSULE

| *CODE* | *CHARACTERISTIC* |
|---|---|
| 140 CET | Standard retention (1.8 kg) |

### PURPLE CAPSULE

| *CODE* | *CHARACTERISTIC* |
|---|---|
| 140 CEV | Strong retention (2.7 kg) |

### BLACK CAPSULE

| *CODE* | *CHARACTERISTIC* |
|---|---|
| 140 CEN | Working capsule |

| *CODE* | *CHARACTERISTIC* |
|---|---|
| CCE 01 | Capsule pack (composed of 1 unit of item 140 CEV; 1 unit of item 140 CEN; and 2 units of item 140 CET). |

| *CODE* | *CHARACTERISTIC* |
|---|---|
| 485 IC | Key for insertion and extraction of retention capsules. |

- * Analog sequence
- * Digital sequence
- * Hex driver
- * Anti-Rotational component
- * Squared Screw
- * Abutment Screw
- * Rotational component

# UNITITE® SURGICAL KIT

## *A SINGLE KIT FOR THE ENTIRE UNITITE® LINE.*

To make your daily routine even more convenient and efficient, we have developed the Unitite® single surgical kit for installing the full line: Unitite® Prime, Unitite® Slim, and Unitite® Compact.

Unique drills with DLC (Diamond like carbon):
- Less bone heating.
- Increased durability.
- High cutting power.
- Sharper angle.

Mucosa meters: Available for the complete line, helps in the measurement and choice of prosthetic components.


Reduced number of drills required for osteotomy.

Accurate fits of all parts regardless of the position or movement.

Torque wrench. Bidigital adapter included.

Inclined tray for easy viewing during the surgical procedure.

Ease of clinical use through color-coding.

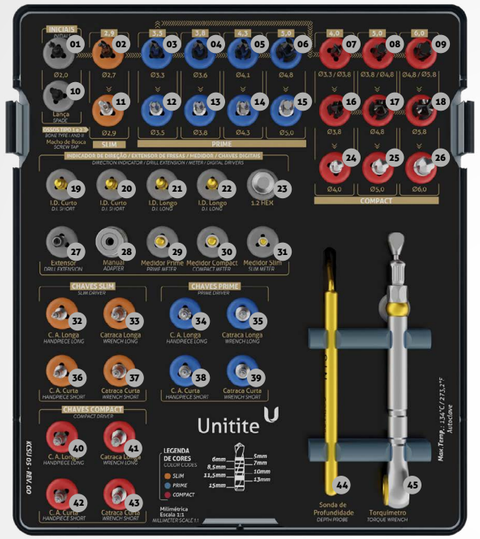
Compact format facilitates sterilization even in smaller autoclaves.

INSTALLATION OF THE UNITITE IMPLANTS SHOULD **ONLY BE DONE WITH THE UNITITE® SURGICAL KIT.** AVOID UNDER-DRILLING.



# ORGANIZING BOX

## *UNITITE® SURGICAL KIT*

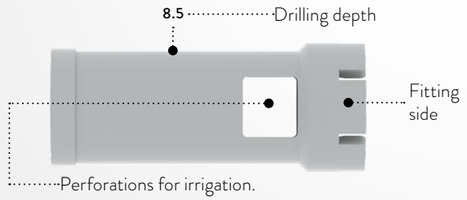



01 **TWIST DRILL Ø2,0X15MM** *(FHCD 2015)*
02 **DRILL UNITITE Ø2,6X15MM** *(FUM 2915)*
03 **DRILL UNITITE Ø3,0X15MM** *(FUM 3515)*
04 **DRILL MORSE UNITITE Ø3,8X15MM** *(FUM 3815)*
05 **DRILL MORSE UNITITE Ø3,8X15MM** *(FUM 4315)*
06 **DRILL UNITITE Ø4,5X15MM** *(FUM 5015)*
07 **PILOT DRILL Ø3,3/Ø3,8MM** *(FPUC 3338)*
08 **PILOT DRILL Ø3,8/Ø4,8MM** *(FPUC 3848)*
09 **PILOT DRILL Ø4,8/Ø5,8MM** *(FPUC 4858)*
10 **DRILL SPADE Ø2,0MM** *(FALD 2003)*
11 **SCREW TAP Ø2,9MM** *(CMRU 29)*
12 **SCREW TAP Ø3,5MM** *(CMRU 35)*
13 **SCREW TAP Ø5,0MM** *(CMRU 50)*
14 **SCREW TAP Ø4,3MM** *(CMRU 43)*
15 **SCREW TAP Ø5,0MM** *(CMRU 50)*
16 **TWIST DRILL Ø3,2X15MM** *(FHCD 3215)*
17 **TWIST DRILL Ø4,25X15MM** *(FHCD 4215)*
18 **TWIST DRILL Ø5,25X15MM** *(FHCD 5215)*
19 **SHORT DIRECTION INDICATOR** *(IDU 100)*
20 **SHORT DIRECTION INDICATOR** *(IDU 100)*
21 **LONG DIRECTION INDICATOR** *(IDU 200)*
22 **LONG DIRECTION INDICATOR** *(IDU 200)*
23 **1.2 HEX DRIVER** *(CCH 1224)*
24 **SCREW TAP - COMPACT Ø4,0MM** *(CMRUC 40)*
25 **SCREW TAP - COMPACT Ø5,0MM** *(CMRUC 50)*
26 **SCREW TAP - COMPACT Ø6,0MM** *(CMRUC 60)*
27 **DRILL EXTENSION 16,0MM** *(EXFN)*
28 **ADAPTER DRIVER** *(CBD 01)*
29 **MORSE TAPER PRIME TRANSMUCOSAL METER** *(MTM 02)*
30 **COMPACT TRANSMUCOSAL METER** *(MTMC 02)*
31 **SLIM TRANSMUCOSAL METER** *(MTMS 02)*
32 **LONG SLIM HANDPIECE DRIVER** *(CTUS 24)*
33 **LONG SLIM WRENCH DRIVER** *(CCUS 24)*
34 **LONG MORSE HANDPIECE DRIVER** *(CTUM 24)*
35 **LONG MORSE TAPER WRENCH DRIVER** *(CCUM 24)*
36 **SHORT SLIM HANDPIECE DRIVER** *(CTUS 20)*
37 **SHORT SLIM WRENCH DRIVER** *(CCUS 20)*
38 **SHORT MORSE HANDPIECE DRIVER** *(CTUM 20)*
39 **SHORT MORSE WRENCH DRIVER** *(CCUM 20)*
40 **LONG COMPACT HANDPIECE DRIVER** *(CTUC 24)*
41 **LONG COMPACT WRENCH DRIVER** *(CCUC 24)*
42 **SHORT COMPACT HANDPIECE DRIVER** *(CTUC 20)*
43 **SHORT COMPACT WRENCH DRIVER** *(CCUC 20)*
44 **DEPTH PROBE** *(SOPU 20)*
45 **SURGICAL TORQUE WRENCH** *(TMECC 03)*

**PRODUCT CODE:** KCSU 05
**ORGANIZING BOX:** COSU 03

# UNITITE® SAFE DRILL KIT

*MAKING YOUR SURGERIES SIMPLER AND MORE PRACTICAL*


Scan to see how to use the kit

*The Unitite® Safe Drill Kit is only compatible with the Unitite® Surgical Kit. For the morse taper infrabone installation, it is required to use the 1.5mm ring higher than the desired implant height (except for Unitite® Compact).*

## UNITITE® SAFE DRILL KIT: KUSD 02

## SAFE DRILL ORGANIZING BOX: COSD

| CODE | DESCRIPTION |
|---|---|
| COUSD 02 | SAFE DRILL ORGANIZING BOX |
| LSDD 2005 | SAFE DRILL STOPPER ø 2.00/ ø 2.70 x 5.0 mm |
| LSDD 2006 | SAFE DRILL STOPPER ø 2.00/ ø 2.70 x 6.0 mm |
| LSDD 2007 | SAFE DRILL STOPPER ø 2.00/ ø 2.70 x 7.0 mm |
| LSDD 2085 | SAFE DRILL STOPPER ø 2.00/ ø 2.70 x 8.5 mm |
| LSDD 2010 | SAFE DRILL STOPPER ø 2.00/ ø 2.70 x 10.0 mm |
| LSDD 2011 | SAFE DRILL STOPPER ø 2.00/ ø 2.70 x 11.5 mm |
| LSDD 2013 | SAFE DRILL STOPPER ø 2.00/ ø 2.70 x 13.0 mm |
| LSDD 2015 | SAFE DRILL STOPPER ø 2.00/ ø 2.70 x 15.0 mm |
| LSDD 3005 | SAFE DRILL STOPPER ø 3.00/ ø 3.30 x 5.0 mm |
| LSDD 3006 | SAFE DRILL STOPPER ø 3.00/ ø 3.30 x 6.0 mm |

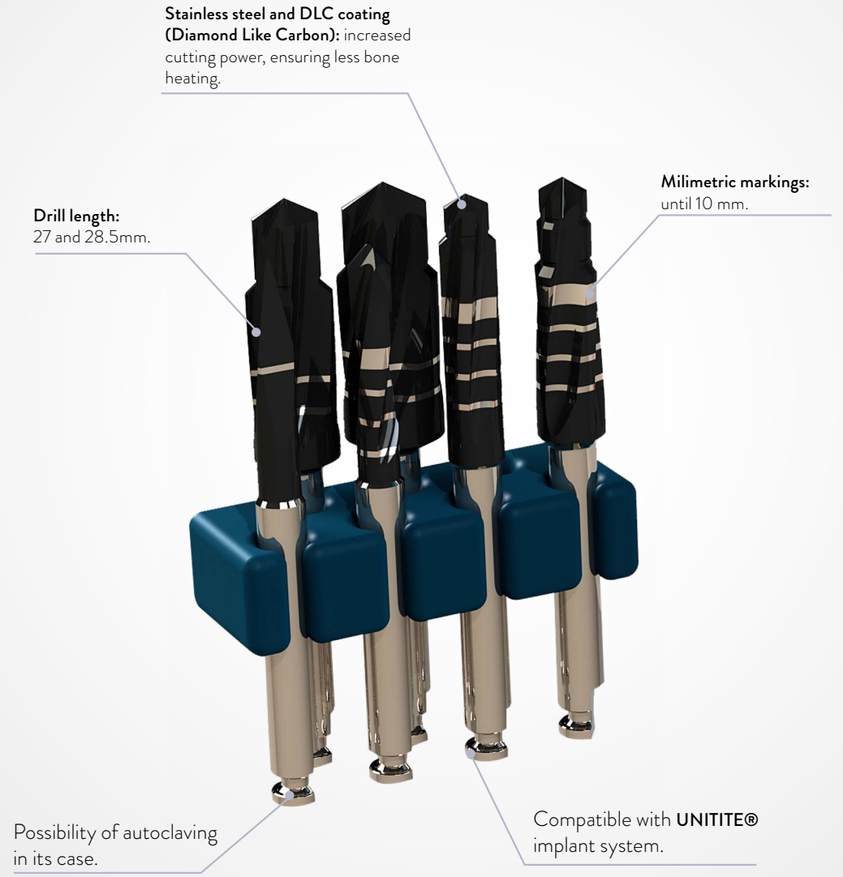
| CODE | DESCRIPTION |
|---|---|
| LSDD 3085 | SAFE DRILL STOPPER ø 3.00/ ø 3.30 x 8.5 mm |
| LSDD 3007 | SAFE DRILL STOPPER ø 3.00/ ø 3.30 x 7.0 mm |
| LSDD 3010 | SAFE DRILL STOPPER ø 3.00/ ø 3.30 x 10.0 mm |
| LSDD 3011 | SAFE DRILL STOPPER ø 3.00/ ø 3.30 x 11.5 mm |
| LSDD 3013 | SAFE DRILL STOPPER ø 3.00/ ø 3.30 x 13.0 mm |
| LSDD 3015 | SAFE DRILL STOPPER ø 3.00/ ø 3.30 x 15.0 mm |
| LSDD 3805C | SAFE DRILL STOPPER ø 3.80/ø 4.25 x 5.0 mm |
| LSDD 3806C | SAFE DRILL STOPPER ø 3.80/ø 4.25 x 6.0 mm |
| LSDD 3807C | SAFE DRILL STOPPER ø 3.80/ø 4.25 x 7.0 mm |
| LSDD 3885 | SAFE DRILL STOPPER ø 3.80/ø 4.25 x 8.5 mm |
| LSDD 3810 | SAFE DRILL STOPPER ø 3.80/ø 4.25 x 10.0 mm |

| CODE | DESCRIPTION |
|---|---|
| LSDD 3811 | SAFE DRILL STOPPER ø 3.80/ø 4.25 x 11.5 mm |
| LSDD 3813 | SAFE DRILL STOPPER ø 3.80/ø 4.25 x 13.0 mm |
| LSDD 3815 | SAFE DRILL STOPPER ø 3.80/ø 4.25 x 15.0 mm |
| LSDD 4505C | SAFE DRILL STOPPER ø 4.50/ø 5.80 x 5.0 mm |
| LSDD 4506C | SAFE DRILL STOPPER ø 4.50/ø 5.80 x 6.0 mm |
| LSDD 4507C | SAFE DRILL STOPPER ø 4.50/ø 5.80 x 7.0 mm |
| LSDD 4585 | SAFE DRILL STOPPER ø 4.50/ø 5.80 x 8.5 mm |
| LSDD 4510 | SAFE DRILL STOPPER ø 4.50/ø 5.80 x 10.0 mm |
| LSDD 4511 | SAFE DRILL STOPPER ø 4.50/ø 5.80 x 11.5 mm |
| LSDD 4513 | SAFE DRILL STOPPER ø 4.50/ø 5.80 x 13.0 mm |
| LSDD 4515 | SAFE DRILL STOPPER ø 4.50/ø 5.80 x 15.0 mm |



# SHORT DRILL KIT

*UNITITE® MILLING SYSTEM IS COMPLETE.*




**INDICATION**
In cases requiring drills **with shorter length** for patients with limited mouth opening.

## SHORT DRILL KIT: KSDU

| CODE | DESCRIPTION | LENGTH | DIAM. |
|---|---|---|---|
| FRLD 2005C | LANCE DRILL Ø2.0MM SHORT | 27 | Ø2.00 |
| FHCD 2010C | HELICAL DRILL Ø2.0 X 10MM SHORT | 27 | Ø2.00 |
| FUM 2910C | CONICAL DRILL Ø2.7 X 10MM SHORT | 28.5 | Ø2.70 |

| CODE | DESCRIPTION | LENGTH | DIAM. |
|---|---|---|---|
| FUM 3510C | CONICAL DRILL Ø3.3 X 10MM SHORT | 28.5 | Ø3.30 |
| FUM 4310C | CONICAL DRILL Ø4.1 X 10MM SHORT | 28.5 | Ø4.10 |
| FUM 5010C | COUNTERSINK DRILL Ø4.8 X 10MM SHORT | 28.5 | Ø4.80 |

* The kit is shipped with the cartridge and the component blister.

# UNITITE® GUIDED SURGERY KIT

## *COMPLETE AND COMPACT KITS*

Developed with high-tech innovation and superior industrial quality, S.I.N. Guided Surgery provides several benefits throughout the dental implant installation procedure.
Now you can offer your patients a more comfortable surgery, accurate precision, reduced surgical time and better postoperative recovery.
Discover what is the best in worldwide implantology.

Color coding
modern and easy to browse through.


Integrated Safe Drill system limiters that allow precise control of the alveolus depth.

Options of installation in several diameters*, lengths and prosthetic platforms of the implant lines.

**CODE: KCSUG 04**



With the S.I.N. Guided Surgery technique, you will have:

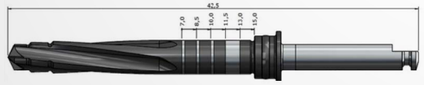
- Shorter surgery time, as there is greater precision in implant installation.
- More predictability and accuracy in planning.
- High implant survival rate.
- Reduced bleeding.
- Faster recovery for patient.
- Better postoperative recovery.
- Preservation of bone tissue volume around the implant.
- Better maintenance of soft tissue.
- Possibility of immediate installation of the prosthesis through a digital. workflow.

### Long and short drill system

> Greater range of options according to the clinical case.

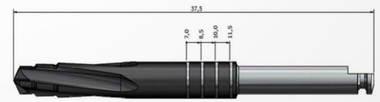
### Standard drills 42.5 mm

> Millimetric depth markings;
> Safe Drill fitting;
> Recommended for all types of procedure.




### Short Drills: 37.5 mm

> Indicated for patients with poor mouth opening/posterior regions;
> Allows the installation of implants of 7mm / 8.5mm / 10mm / 11.5mm**;
> It does not have a fitting for the Safe Drill limiter.




**In condition H6.5 with short drill, the maximum implant length to be installed should be 10mm.*

### Flexible sleeve positioning system

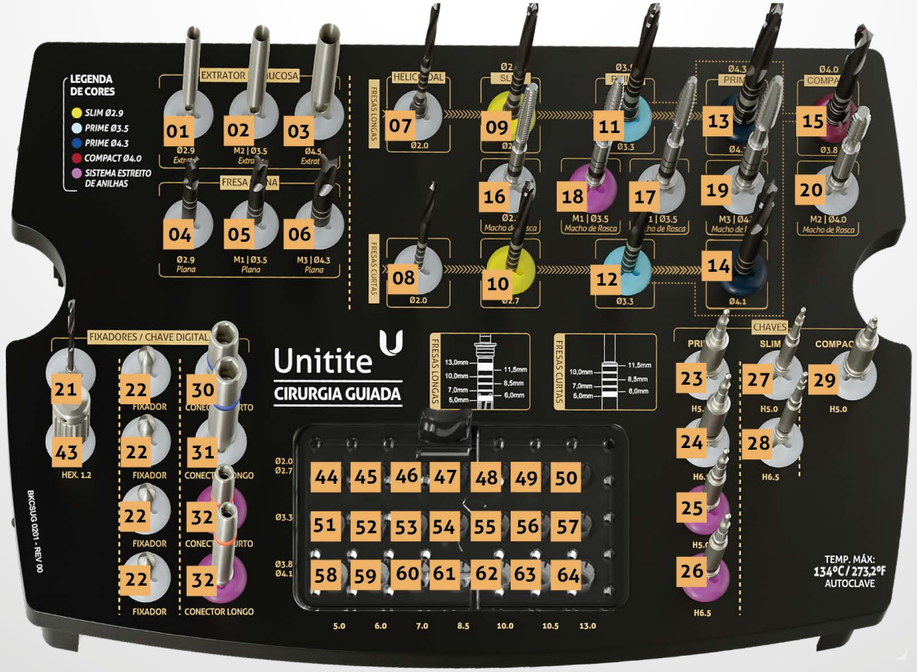
> It allows the PLACEMENT OF THE SURGICAL GUIDES IN TWO DIFFERENT POSITIONS in relation to the bone level.

### Narrow sleeve system

> It AVOIDS COLLISION BETWEEN GUIDE SLEEVES and orientation errors at short mesio-distal distances.

| CODE | DESCRIPTION |
|---|---|
| AFG 14 | ANILHA PARA FIXADOR DE GUIA Ø 1.4 mm |
| AG 40 | ANILHA PARA FIXADOR DE GUIA Ø 4.0 mm |
| AG 50 | ANILHA PARA FIXADOR DE GUIA Ø 5.0 mm |

01 Tissue Punch Ø2.9mm (EM 29)
02 Tissue Punch Ø3.5mm (EM 35U)
03 Tissue Punch Ø4.5mm (EM 45)
04 Counterbore Ø2.9mm (FPG 29)
05 Counterbore Ø3.5mm (FPG 35U)
06 Counterbore Ø4.3mm (FPG 43)
07 Twist Drill Ø2.0mm (FHCDG 20)
08 Short Twist Drill Ø2.0mm (FHCDG 20C)
09 Drill Ø2.7mm (FUMG 29)
10 Short Drill Ø2.7mm (FUMG 29C)
11 Drill Ø3.5mm (FUMG 35)
12 Short Drill Ø3.5mm (FUMG 35C)
13 Drill Ø4.1 (FUMG 43)
14 Short Drill Ø4.1 (FUMG 43C)
15 Twist Drill Ø3.8mm (FHCDG 40)
16 Screw Tap Ø2.9mm (CMRUG 29)
17 Screw Tap Ø3.5mm (CMRUG 35)
18 Screw Tap Ø5.5mm (CMRUG 55E)
19 Screw Tap Ø4.3mm (CMRUG 43)
20 Screw Tap COMPACT Ø4.0mm (CMRUCG 40)
21 Twist Drill Ø1.3mm (FHDG 13)
22 Anchor Pin Ø1.4x20mm (FGC 14)
23 Prime Morse Driver H5.0 (CTUCM 50)
24 Prime Morse Driver H6.5 (CTUCM 65)
25 Narrow Prime Morse Driver H5.0 (CTUCM 50E)
26 Narrow Prime Morse Driver H6.5 (CTUCM 65E)
27 Slim Morse Driver H5.0 (CTUCMS 50)
28 Slim Morse Driver H6.5 (CTUCMS 65)
29 Compact Morse Driver H5.0 (CTUCMC 50)
30 Key Connector (CAT)
31 Long Key Connector (CATL)
32 Narrow Key Connector (CAT E)
33 Narrow Long Key Connector (CATL E)
34 Drill Handle Ø2.00 / Ø2.70mm (GF 2027)
35 Drill Handle Ø2.00/Ø2.70mm ESTREITO (GFU 2027E)
36 Drill Handle Ø2.00 / Ø2.70mm SLIM (GFU 202775)
37 Drill Handle Ø3.50/Ø3.50mm ESTREITO (GFU 3535E)
38 Drill Handle Ø3.50 / Ø4.10mm (GF 3541)
39 Drill Handle Ø3.50 / Ø3.80mm (GF 3538)
40 Drill Handle Ø4.00 / Ø4.30mm (GF 4043)
41 Depth Probe (SPOD)
42 Torque Wrench (THECC 05)
43 Hex. Screwdriver 1.2X24 (CDH 1224)
44 Safe Drill Stopper Ø2.0/Ø2.7x7.0mm (LSDGD 2007)
45 Safe Drill Stopper Ø2.0/Ø2.7x6.0mm (LSDGD 2006)
46 Safe Drill Stopper Ø2.0/Ø2.7x5.0mm (LSDGD 2005)
47 Safe Drill Stopper Ø2.0/Ø2.7x8.5mm (LSDGD 2085)
48 Safe Drill Stopper Ø2.0/Ø2.7x10.0mm (LSDGD 2010)
49 Safe Drill Stopper Ø2.0/Ø2.7x11.5mm (LSDGD 2011)
50 Safe Drill Stopper Ø2.0/Ø2.7x13.0mm (LSDGD 2013)
51 Safe Drill Stopper Ø3.0/Ø3.3x5.0mm (LSDGD 3005)
52 Safe Drill Stopper Ø3.0/Ø3.3x6.0mm (LSDGD 3006)
53 Safe Drill Stopper Ø3.0/Ø3.3x7.0mm (LSDGD 3007)
54 Safe Drill Stopper Ø3.0/Ø3.3x8.5mm (LSDGD 3085)
55 Safe Drill Stopper Ø3.0/Ø3.3x10.0mm (LSDGD 3010)
56 Safe Drill Stopper Ø3.0/Ø3.3x11.5mm (LSDGD 3011)
57 Safe Drill Stopper Ø3.0/Ø3.3x13.mm0mm (LSDGD 3013)
58 Safe Drill Stopper Ø3.8/Ø4.25x5.0mm (LSDGD 3805C)
59 Safe Drill Stopper Ø3.8/Ø4.25x6.0mm (LSDGD 3806C)
60 Safe Drill Stopper Ø3.8/Ø4.25x7.0mm (LSDGD 3807C)
61 Safe Drill Stopper Ø3.8/Ø4.25x8.5mm (LSDGD 3885)
62 Safe Drill Stopper Ø3.8/Ø4.25x10.0mm (LSDGD 3810)
63 Safe Drill Stopper Ø3.8/Ø4.25x11.5mm (LSDGD 3811)
64 Safe Drill Stopper Ø3.8/Ø4.25x13.0mm (LSDGD 3813)





ORGANIZING BOX: COSUG 02

# PROSTHETIC KIT

*FUNCTIONAL, PRACTICAL AND COMPACT.*


CODE: KTMEC 02

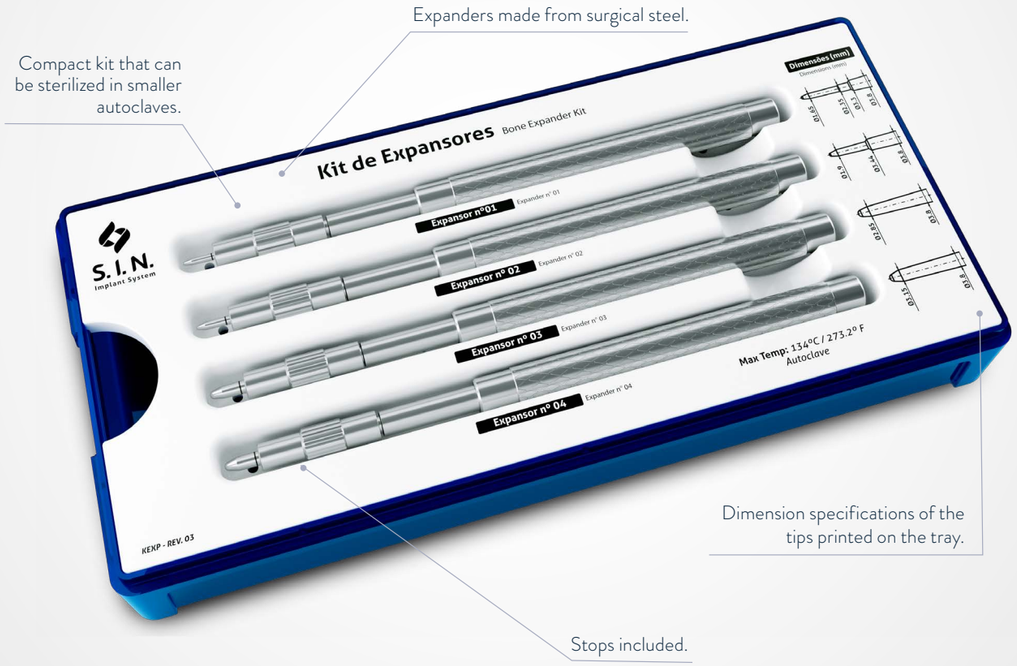




ORGANIZING BOX (COTMEC)

# BONE EXPANDER KIT

Ideal for performing lateral bone expansion, the Bone Expander Kit is the essential tool for its clinical ease, in addition to avoiding the need to use bone grafts.



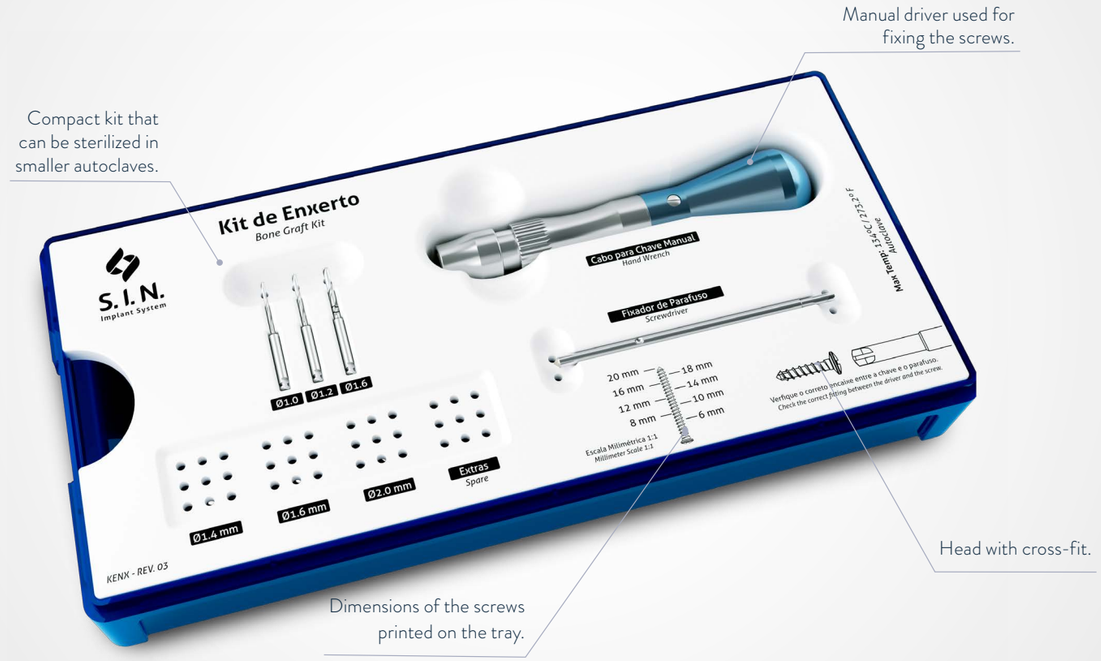

CODE: KEXP
ORGANIZING BOX: COEXP

| CODE | DESCRIPTION |
|---|---|
| SXPS 01 | Expansor with stop 1 - ø 1.65 mm Tip |
| SXPS 02 | Expansor with stop 2 - ø 1.90 mm Tip |
| SXPS 03 | Expansor with stop 3 - ø 2.85 mm Tip |
| SXPS 04 | Expansor with stop 4 - ø 3.15 mm Tip |
| COEXP | Expander Organing Box |



# BONE GRAFT SURGICAL KIT

Used for stabilization of bone grafts in block and for guided bone regeneration surgery, the Bone Graft Kit has a driver with a cross-fit, in order to give more precision when making use of the screws.




CODE: KENX
ORGANIZING BOX: COENX

## BONE GRAFT SCREWS

| CODE | DIAM. | LENGTH |
|---|---|---|
| PEX 1408 | 1.4 mm | 8.0 mm |
| PEX 1410 | 1.4 mm | 10.0 mm |
| PEX 1412 | 1.4 mm | 12.0 mm |
| PEX 1608 | 1.6 mm | 8.0 mm |
| PEX 1610 | 1.6 mm | 10.0 mm |
| PEX 1612 | 1.6 mm | 12.0 mm |

| CODE | DESCRIPTION |
|---|---|
| CDM 02 | Hand Wrench |
| CPEX | Screwdriver |
| FH 1015 | Helical drill ø 1.0 mm x 15.0 mm |
| FH 1215 | Helical drill ø 1.2 mm x 15.0mm |
| FH 1615 | Helical drill ø 1.6 mm x 15.0mm |
| COENX | Bone graft organizing box |

NOTE: Screws are sold separately

# SINUS LIFT KIT

Indicated for sinus lift surgery, the Sinus Lift Kit enables the sinus membrane to be displaced, as well as curettage and compaction of the bone graft.

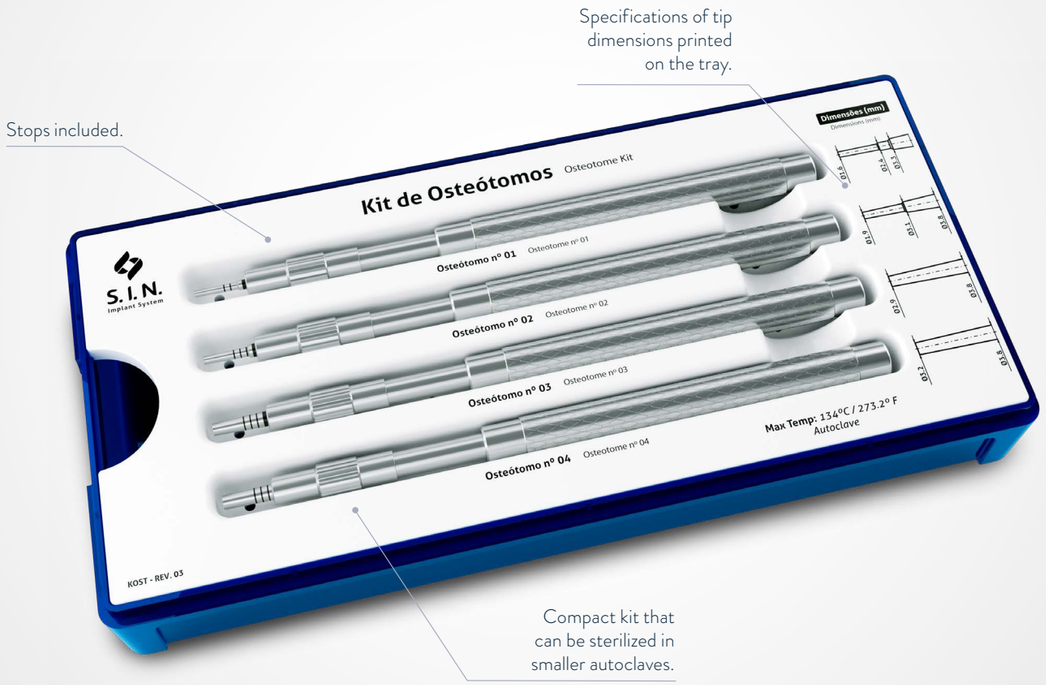

**CODE: KLEV 02**
**ORGANIZING BOX: COLEV**

| CODE | DESCRIPTION |
|---|---|
| CRT 01 | Curette 01 |
| CRT 02 | Curette 02 |
| CRT 03 | Curette 03 |
| CRT 04 | Curette 04 |
| CRT 05 | Curette 05 |
| COLEV | Sinus Lift Organizing Box |



# OSTEOTOME KIT

It enables the performance of atraumatic maxillary sinus elevation, which results in vertical bone gain, the Osteotome Kit is the ideal tool for its cases and avoids the need for bone grafting.




**CODE: KOST**
**ORGANIZING BOX: COOST**

| CODE | DESCRIPTION |
|---|---|
| SOST 01 | Osteotome Summer W/ Stop 1 - ø 1.60 mm Tip |
| SOST 02 | Osteotome Summer W/ Stop 2 - ø 1.90 mm Tip |
| SOST 03 | Osteotome Summer W/ Stop 3 - ø 2.90 mm Tip |
| SOST 04 | Osteotome Summer W/ Stop 4 - ø 3.20 mm Tip |
| COOST | Osteotome Organizing Box |

# ROTARY EXPANDING KIT

Indicated for situations of little bone thickness, besides having 3 options, being ratchet, contra-angle and digital key. Recommended for bone expansion and compaction and avoids the need for bone grafting.


CODE: KER
ORGANIZING BOX: COER

| CODE | DESCRIPTION |
|---|---|
| CPQ 02 | Digital Adapter |
| CQCA 27 | Contra-angle square drive |
| COER | Rotary Expanding Box |
| EXR 01 | Rotary Expander 01 - ø 1.4 mm to ø 2.35 mm |
| EXR 02 | Rotary Expander 02 - ø 1.4 mm to ø 3.05 mm |
| EXR 03 | Rotary Expander 03 - ø 2.85 mm to ø 3.85 mm |
| EXR 04 | Rotary Expander 04 - ø 3.15 mm to ø 4.25 mm |
| FRL 2020 | Lance Drill ø 2.00 mm x 20.0 mm |



# ORTHODONTIC KIT

Kit with surgical simplicity for installation and removal of orthodontic implants, aiding in orthodontic treatment.


CODE: KOR
ORGANIZING BOX: COOR

| CODE | DESCRIPTION |
|---|---|
| CMPO 70 | Manual Driver - High Utility |
| CCPO 24 | Handpiece - High Utility |
| FML 70 | Manual lance-type drill |
| FH 1015 | Helical Drill 1,0 x 15 mm |
| CDM 02 | Manual Driver |
| CDPO 24 | Digital Key for Orthodontic Screw (for final screw installation only) |
| COOR | Orthodontic Kit Box |

NOTE: Screws are sold separately.

# ORTHODONTIC IMPLANTS

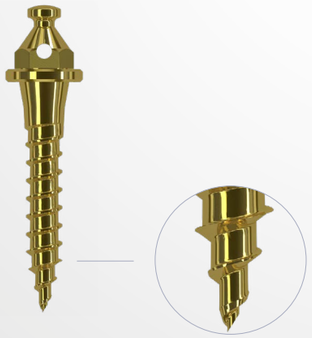
> Easy installation and removal.

> Immediate loading can be done after surgical application.

> Easy connection with orthodontic accessories.

> Hole diameter : 0.6 mm.

## AUTO DRILLING APEX:



## INSTALLATION TECHNICAL INFORMATION

**› Lengths:**

Gingival depth = 0, 1, 2 and 3 mm.

Length = 6, 8 and 10 mm. (6 and 8: lower jaw / 10: bone type IV).

**› Diameter:**

1.4 mm

1.6 mm

1.8 mm



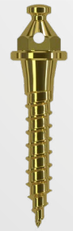
### SELF-DRILLING WITHOUT TRANSMUCOSAL PROFILE

| CODE | DIAM. | LENGTH |
|---|---|---|
| POT 1406 | 1.4 mm | 6.0 mm |
| POT 1408 | 1.4 mm | 8.0 mm |
| POT 1400 | 1.4 mm | 10.0 mm |
| POT 1606 | 1.6 mm | 6.0 mm |
| POT 1608 | 1.6 mm | 8.0 mm |
| POT 1600 | 1.6 mm | 10.0 mm |
| POT 1806 | 1.8 mm | 6.0 mm |
| POT 1808 | 1.8 mm | 8.0 mm |
| POT 1800 | 1.8 mm | 10.0 mm |

### SELF-DRILLING WITH TRANSMUCOSAL PROFILE (2MM)

| CODE | DIAM. | LENGTH |
|---|---|---|
| POT 1420 | 1.4 mm | 10.0 mm |
| POT 1428 | 1.4 mm | 8.0 mm |
| POT 1620 | 1.6 mm | 10.0 mm |
| POT 1628 | 1.6 mm | 8.0 mm |
| POT 1820 | 1.8 mm | 10.0 mm |
| POT 1828 | 1.8 mm | 8.0 mm |

### SELF-DRILLING WITH SHORT TRANSMUCOSAL PROFILE (1MM)



| CODE | DIAM. | LENGTH |
|---|---|---|
| POT 1416 | 1.4 mm | 6.0 mm |
| POT 1418 | 1.4 mm | 8.0 mm |
| POT 1410 | 1.4 mm | 10.0 mm |
| POT 1616 | 1.6 mm | 6.0 mm |
| POT 1618 | 1.6 mm | 8.0 mm |
| POT 1610 | 1.6 mm | 10.0 mm |
| POT 1816 | 1.8 mm | 6.0 mm |
| POT 1818 | 1.8 mm | 8.0 mm |
| POT 1810 | 1.8 mm | 10.0 mm |

### SELF-DRILLING WITH TRANSMUCOSAL PROFILE (3MM)

| CODE | DIAM. | LENGTH |
|---|---|---|
| POT 1438 | 1.4 mm | 8.0 mm |
| POT 1430 | 1.4 mm | 10.0 mm |
| POT 1638 | 1.6 mm | 8.0 mm |
| POT 1630 | 1.6 mm | 10.0 mm |
| POT 1838 | 1.8 mm | 8.0 mm |
| POT 1830 | 1.8 mm | 10.0 mm |

# COMPLEMENTARY KITS INSTRUMENTAL

## DIGITAL DRIVERS

| ITEM | CODE | DESCRIPTION | LENGTH | INDICATION |
|---|---|---|---|---|
|  | CDA 20 | ABUTMENT DRIVER 20,0MM | SHORT | Used to set the mini-abutment and conical abutment screw |
|  | CDA 24 | ABUTMENT DRIVER 24.0MM | LONG | Used to set the mini-abutment and conical abutment screw |
|  | CDH 0920 | HEXAGONAL DIGITAL DRIVER 20,0MM | SHORT | Used for installation of Externa Hex. Tryon implant cover, two-pieces straight universal abut and angled universal abut |
|  | CDH 0924 | HEXAGONAL DIGITAL DRIVER 24.0MM | LONG | Used for installation of Externa Hex. Tryon implant cover, two-pieces straight universal abut and angled universal abut |
|  | CDH 1220 | HEXAGONAL DIGITAL DRIVER 20,0MM | SHORT | Used to set the mounting piece, healing, transfer, retaining screw (PTL 16, PT 2006, PT 2008, PRH 20 and PRH 30) and lab screws. 1.2mm hexagonal tip |
|  | CDH 1224 | HEXAGONAL DIGITAL DRIVER 24.0MM | LONG | Used to set the mounting piece, healing, transfer, retaining screw (PTL 16, PT 2006, PT 2008, PRH 20 and PRH 30) and lab screws. 1.2mm hexagonal tip |
|  | CDHA 1220 | HEX. DIGITAL DRIVER 20.0MM ANG. MINI-ABUTMENT | SHORT | Used to set the angular mini-abutment screw 1.2mm hexagonal tip (except for the Unitite angular mini-abutment). |
|  | CDHA 1224 | HEX. DIGITAL DRIVER 24.0MM ANG. MINI-ABUTMENT | LONG | Used to set the angular mini-abutment screw 1.2mm hexagonal tip (except for the Unitite angular mini-abutment). |
|  | CDHA 1237 | HEX. DIGITAL DRIVER 37.0MM ANG. MINI-ABUTMENT | EXTRA LONG | Used to set the angular mini-abutment screw 1.2mm hexagonal tip (except for the Unitite angular mini-abutment). |
|  | CDQ 1220 | SQUARE DIGITAL DRIVER 20.0MM | SHORT | Used to set the square-fit retaining screws (PTQ 2008, PTQH 18 and PTQ 2006). 1.3mm tip |

## SURGICAL HAMMER

| ITEM | CODE | DESCRIPTION |
|---|---|---|
|  | MART 1 | > Surgical-grade stainless steel used with Osteotome and Expander kits.<br>> Contact end made of synthetic material that provides improved sensitivity, less impact and reduced trauma during use |



## DIGITAL DRIVERS

| ITEM | CODE | DESCRIPTION | LENGTH | INDICATION |
|---|---|---|---|---|
|  | CDQ 1224 | SQUARE DIGITAL DRIVER 24.0MM | LONG | Used to set the square-fit locking screws (PTQ 2008, PTQH 18 and PTQ 2006). 1.3mm tip |
|  | CDQ 1237 | SQUARE DIGITAL DRIVER 37.0MM | EXTRA LONG | Used to set the square-fit locking screws (PTQ 2008, PTQH 18 and PTQ 2006). 1.3mm tip |
|  | CLH 1277 | HEX. DRIVER 77,0MM | EXTRA LONG | Lab screwdriver. Used to set retaining screws (PTL 16, PT 2006, PT 2008, PRH 20 and PRH 30) and lab screws. 1.2mm hexagonal tip |
|  | CLQ 1277 | HEX. DRIVER 77,0MM | EXTRA LONG | Lab screwdriver. Used to set the square-fit retaining screws (PTQ 2008, PTQH 18 and PTQ 2006). 1.3mm tip |
|  | CRC 16 | PROVISIONAL CYLINDER REMOVAL DRIVER | SHORT | Used to remove 1.6mm Cone Morse Strong SW provisional cylinder |
|  | CRC 18 | PROVISIONAL CYLINDER REMOVAL DRIVER | SHORT | Used to remove the 1.8 mm Cone Morse Strong SW provisional cylinder |
|  | CDH 1620 | HEX DIGITAL DRIVER 1.6MM | SHORT | Used to set Multifunctional Abutment. 1.6mm Hex lid |
|  | CDH 1624 | HEX DIGITAL DRIVER 1.6MM | MEDIUM | Used to set Multifunctional Abutment. 1.6mm Hex lid |
|  | CCH 1620 | RATCHET HEX DRIVER 1.6MM | SHORT | Used to set and torque of the Multifunction Abutment. 1.6mm Hex lid |
|  | CCH 1624 | RATCHET HEX DRIVER 1.6MM | MEDIUM | Used to set and torque of the Multifunction Abutment. 1.6mm Hex lid |

## BONE PROFILING MILLING CUTTERS

| ITEM | CODE | DESCRIPTION | INDICATION |
|---|---|---|---|
|  | PO 4150 | Platform 4.1 mm – External Hex. | Opens bone profile to 5.0 mm |
|  | PO 5055 | Platform 5.0 mm – External Hex. | Opens bone profile to 5.5 mm |

## COUNTER-ANGLE DRIVER

| ITEM | CODE | DESCRIPTION | LENGTH | INDICATION |
|---|---|---|---|---|
|  | CTA 1224 | ABUTMENT TORQUE DRIVER 24.0MM | LONG | Used to set the mini-abutment and conical abutment screw. |
|  | CTH 0924 | COUNTER-ANGLE HEXAGONAL TORQUE DRIVER 24.0MM | LONG | Used for installation of Externa Hex. Tryon implant cover, two-pieces straight universal abut and angled universal abut. |
|  | CTH 1220 | COUNTER-ANGLE HEXAGONAL TORQUE DRIVER 20,0MM | SHORT | Used to set the mounting piece, healing, transfer, retaining screws (PTL 16, PT 2006, PT 2008, PRH 20 and PRH 30) and lab screws. 1.2mm hexagonal tip. |
|  | CTH 1224 | COUNTER-ANGLE HEXAGONAL TORQUE DRIVER 24.0MM | LONG | Used to set the mounting piece, healing, transfer, retaining screws (PTL 16, PT 2006, PT 2008, PRH 20 and PRH 30) and lab screws. 1.2mm hexagonal tip. |
|  | CTH 1230 | COUNTER-ANGLE HEXAGONAL TORQUE DRIVER 30,0MM | EXTRA LONG | Used to set the mounting piece, healing, transfer, retaining screws (PTL 16, PT 2006, PT 2008, PRH 20 and PRH 30) and lab screws. 1.2mm hexagonal tip. |
|  | CTHA 1220 | ANGULAR MINI-ABUTMENT COUNTER-ANGLE HEXAGONAL TORQUE DRIVER 20,0MM | SHORT | Used to set the angular mini-abutment screw 1.2mm hexagonal tip (except for the Unitite angular miniabutment). |
|  | CTHA 1224 | ANGULAR MINI-ABUTMENT COUNTER-ANGLE HEXAGONAL TORQUE DRIVER 24.0MM | LONG | Used to set the angular mini-abutment screw 1.2mm hexagonal tip (except for the Unitite angular miniabutment). |
|  | CTQ 20 | SQUARE TORQUE DRIVER 20,0MM | SHORT | Used counter-angle to set square-fit retaining screws (PTQ 2008, PTQH 18 and PTQ 2006). 1.3mm tip. |
|  | CTQ 24 | SQUARE TORQUE DRIVER 24.0MM | LONG | Used counter-angle to set square-fit retaining screws (PTQ 2008, PTQH 18 and PTQ 2006). 1.3mm tip |
|  | CTQ 30 | SQUARE TORQUE DRIVER 30,0MM | EXTRA LONG | Used counter-angle to set square-fit retaining screws (PTQ 2008, PTQH 18 and PTQ 2006). 1.3mm tip. |
|  | CTH 1620 | COUNTER-ANGLE HEX DRIVER 1.6MM | SHORT | Used in contra-angle to set Multifunction Abutment. |
|  | CTH 1624 | COUNTER-ANGLE HEX DRIVER 1.6MM | MEDIUM | Used in contra-angle to set Multifunction Abutment. |



## HELICAL MILLING CUTTERS

| ITEM | CODE | MEASUREMENTS | DESCRIPTION |
|---|---|---|---|
|  | FH 2010 | ø 2.0x 10,0 mm | > Surgical-grade stainless steel<br>> Thermal treatment<br>> Laser markings<br>> Used as a sequence to make the alveolus |
|  | FH2020 | ø 2.0x 18,0 mm | |
|  | FH3010 | ø 3.0x 10,0 mm | |
|  | FH3020 | ø 3.0x 18,0 mm | |

## TREPHINE MILLING

| ITEM | CODE | MEASUREMENTS | DESCRIPTION |
|---|---|---|---|
|  | FTR 02 | ø 2.0 mm | > Surgical-grade stainless steel<br>> Thermal treatment<br>> Laser markings<br>> May be used to remove implants, remove bone, and bone biopsy<br>> Measures refer to the inner diameter of the part |
|  | FTR04 | ø 4,2 mm | |
|  | FTR 05 | ø 5,1 mm | |
|  | FTR 06 | ø 6,1 mm | |
|  | FTR 08 | ø 8,0 mm | |

# SUPERIOR QUALITY AND TECHNOLOGY

*WE WARRANT, BECAUSE WE ARE **PROUD** OF OUR PRODUCTS.*

LIFETIME WARRANTY · HIGH QUALITY STANDARDS ·

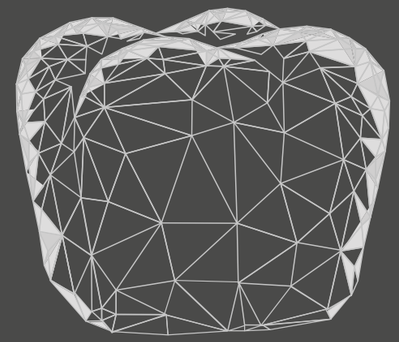
S.I.N.'s main priority is assuring the quality and safety to our clients. Offering the best for implants, components, surgical kits and tooling is the base of all our action.

## INSPECTION IN A 100% OF THE BATCHES MANUFACTURED.

The quality control is made in all S.I.N. products, to assure the success in the surgeries of all our clients, to meet the best quality standards, as well as to add value to all the ones who chose to give a smile back to people.

**IMPLANTS WITH WARRANTY FOR LIFE***

**5 YEARS OF WARRANTY PROSTHESIS COMPONENTS***



*SCAN THE LATERAL QR CODE TO ACCESS S.I.N WARRANTY TERMS OR ACCESS THE LINK HTTPS://BIT.LY/39DW3CF

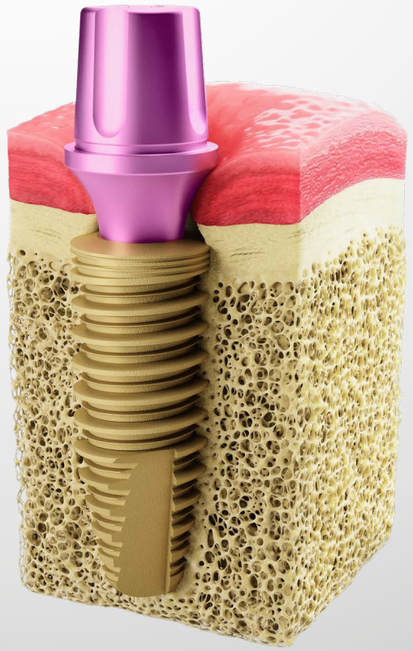
# S.I.N. ORIGINAL COMPONENTS

S.I.N. ensures the quality of your implants and original components. Our manufacturing process has strict quality control and safety, approved by various national and international certifications.

Learn about the advantages of using implants and original components S.I.N.:

- The compatibility of the components tested in mechanical studies.
- Production of the components corresponds exactly to the internal designs of the implant.
- Accurate fit prevents bone loss and loosening or screw fracture.
- Guarantee the use of high quality raw material.
- Mechanical resistance to occlusion forces.
- Greater safety by providing quality products to yours patients.
- The pink color of Unitite® components makes the appearance of the prosthesis in the transmucosus much more natural even when there is retraction, salcerization or peri-implant changes.

ORIGINAL COMPONENTS
S.I.N.





# MORE EASE AND SAFETY FOR YOUR CLINICAL PROCEDURES

*S.I.N. packaging are practical, maintaining the products in their integrity, facilitating the handling and the identification.*

**› 01** The package is easy to open and handle even with gloves on.

**› 02** Transparency of package for optimal visibility of the implant.

**› 03** Separate compartments in same package for implant and cover.

**› 04** Snap-on top opening system ensures sterilization of the implant.

**› 05** With a proper connector, capture the implant with the counter angle key and move it until it reaches the perfect fit.

**› 06** The only implant system that offers the cover screw in the same packaging. To capture it, remove the cover screw of the tube with in the 1.2 mm hexagonal digital key.

**The implant should not be captured with the ratchet wrench.**

# GENERAL INSTRUCTIONS

Special care and clarification on surgical instruments.

## CLEANING THE KIT CASE

**1.** Manually remove all surgical instruments from the kit. Wash the kit trays separately.

**2.** Prepare the enzymatic detergent according to the detergent manufacturer's recommendation.

**3.** Immerse all parts of the product into the prepared detergent solution and leave for 5 minutes. Then, using a soft bristle brush, scrub the parts for at least 2 minutes until complete remove organic matter from the products.

**4.** Remove the parts from the detergent solution and rinse with tap water for 1 minute until the residue is completely removed. Repeat the rinse two more times.

**5.** Visually inspect each part to check for process residues or organic residues from the used of the product.

**6.** If residue in detect in the product, repeat the cleaning process until the residue is completely removed.

**7.** Dry with a soft, clean, dry cloth or disposable paper.

## STERILIZATION

Product reusable and provided non-sterile. It must be clean and sterilized in autoclave before use.

Dry all instruments before the steam sterilization cycle.

The product is to be enclosed in a steam sterilizable wrap.

Steam sterilize in cycles from 121°C to 1 ATM pressure for 30 minutes or from 134°C to 2 ATM pressure for 20 minutes. Drying time 30 minutes

Always accommodate the case in autoclave over a plane surface and away of device walls.

Never stack objects or other cases.

## CLEANING THE SURGICAL INSTRUMENTS

**1.** Prepare the enzymatic detergent according to the detergent manufacturer's recommendation.

**2.** Immerse all parts of the product into the prepared detergent solution and leave for 5 minutes. Then, using a soft bristle brush, scrub the parts for at least 2 minutes until complete remove organic matter from the products.

**3.** Remove the parts from the detergent solution and rinse with tap water for 1 minute until the residue is completely removed. Repeat the rinse two more times.

**4.** Visually inspect each part to check for process residues or organic residues from the used of the product.

**5.** If residue in detect in the product, repeat the cleaning process until the residue is completely removed.

**6.** Dry with a soft, clean, dry cloth or disposable paper.

**7.** Proceed to the sterilization process.

## CLEANING OF TORQUE WRENCHES

**1.** Pull the steering reversing rod back.

**2.** Remove the ratchet from the socket with your head.

**3.** Rotate the fixing door counterclockwise.

**4.** Remove the central shaft of the Torque Ratchet.

**5.** Remove the torque grading rod.

**6.** Prepare the enzymatic detergent according to the manufacturer's instructions.

**7.** Immerse all parts of the product in the prepared detergent solution and leave for at least 5 minutes, then using a soft bristle brush, scrub the parts to remove organic matter from the products.

**8.** Remove the pieces from the detergent solution and rinse with running water for 1 minute, repeat the rinse two more times, totaling 3 rinses of 1 minute each.

**9.** Visually inspect each piece to check whether there is residue from the cleaning process or organic residues from the use of the product.

**10.** If the presence of residue on the product is confirmed, repeat the cleaning process until the residue is completely removed.

**11.** Dry with a soft, clean, dry cloth or disposable paper.

## CLEANING RECOMMENDATION

**a.** Wear appropriate clothing (gloves, masks, glasses, hats, etc.).

**b.** Begin cleaning immediately after surgical use.

**c.** Never let the instrument dry containing organic residues after surgical use.

**d.** Never let the instrument dry naturally after cleaning.

**e.** Never use saline solutions, especially sodium hypochlorite and saline, disinfectants, hydrogen peroxide or alcohol to clean or rinse surgical instruments and Kit trays.

**f.** Never use steel wool or sponges or abrasive products, so that the instruments are not damaged.

**g.** Do not accumulate instruments in large quantities on top of each other to avoid deformation of smaller and delicate pieces.

## STERILIZATION RECOMMENDATIONS

- Sterilize the products in the same day or one day earlier the procedure.
- The chemical sterilization is not recommend, once some products may cause the discoloration and damages to the case.
- Do not use temperature higher than 60°C to drying process.
- Do not use dry heat stoves for sterilization of the instruments and S.I.N kits.

| STERILIZATION TEMPERATURE | AUTOCLAVE PRESSURE | AUTOCLAVE TIME | NOTE: |
|---|---|---|---|
| *TO BE USED* | *TO BE SET TO* | *TO BE SET TO* | *IMPORTANT* |
| 121°C | 1 ATM (**) | 30 Minutes (**) | (*) Always check the water level of your autoclave before starting the cycle. |
| 134°C | 2 ATM (**) | 20 Minutes (**) | |

(*) It is mandatory to use water in the autoclaves.
(**) We are not held responsible if parameters other than those specified above are used.
(**) Do not sterilize by dry heat.



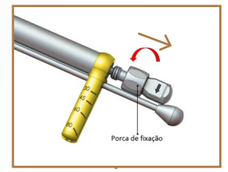
# TORQUE WRENCH – CLEANING PROCEDURES

The ratchet must be disassembled and cleaned immediately after every use.

For proper cleaning, disassemble multi-piece instruments into their single parts. No tools are necessary for this process.

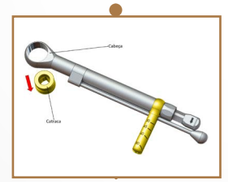
Pull the steering reversing rod back.

› 01



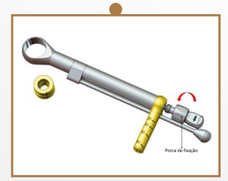

Remove the ratchet from the socket with your head.

› 02




Rotate the fixing door counterclockwise.

› 03

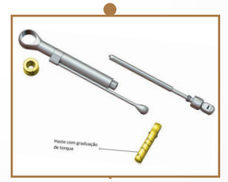



Remove the central shaft of the Torque Ratchet.

› 04

Remove the torque grading rod.

› 05




Begin the washing procedure.

› 06

# WHAT THE SPECIALISTS SAY

*UNITITE IMPLANTS HAVE MADE THE RESULTS OF CURRENT MAJOR CLINICAL DEMANDS MORE PREDICTABLE, SUCH AS SHORTENING THE TIME BETWEEN IMPLANT INSTALLATION AND FINAL PATIENT REHABILITATION, MAINTAINING PERI-IMPLANT BONE HEIGHT, WHICH HAS A LARGE IMPACT ON LONG-TERM AESTHETIC PREDICTABILITY AND THE REHABILITATION OF AREAS WITH POOR BONE AVAILABILITY IN AN EFFICIENT AND MINIMALLY INVASIVE WAY, IN MANY CASES AVOIDING THE NEED FOR BONE GRAFTS. I AM VERY FLATTERED TO HAVE PARTICIPATED ACTIVELY IN THIS PROJECT.*

Roberto Pessoa

Researcher in the Bme - KULeuven, Belgium. Post-PhD in Biomechanics by the FEMEC/UFU and Researcher in the Bme KULeuven, Belgium. PhD in Periodontics/Dental Implant - FOAr/UNESP - Araraquara, Brazil. Master in Oral Rehabilitation - FOUFU - Uberlândia, Brazil.

*SURFACE COATING HANANO®, USED IN THE UNITITE IMPLANT, AND 20 NANOMETERS THICK, HOMOGENEOUSLY COATING THE ENTIRE SURFACE, SIGNIFICANTLY INCREASES SURFACE ENERGY, HYDROPHILICITY AND SCAR RESPONSE IN THE EARLY STAGES OF THE OSSEOINTEGRATION PROCESS. THE POSITIVE IMPACT OF ITS BIOAVAILABILITY HAS BEEN DEMONSTRATED BY DIFFERENT ADVANCED METHODS OF RESEARCH, SUCH AS SIGNAL TRANSDUCTION AND ATOMIC FORCE MICROSCOPY. HIGHER PROTEIN ADSORPTION, ASSOCIATED TO A STATISTICALLY SIGNIFICANT PRESENCE OF PROTEINS RELATED TO THE BONE HEALING PROCESS IN THE PRESENCE OF A BIOLOGICAL CATALYST FOR MINERALIZATION, MAKE THIS SURFACE ONE OF THE MOST ADVANCED IN THE IMPLANTS GLOBAL MARKET.*

Fabio Bezerra

A Graduate of Bauru School of Dentistry - USP
Specialist in Periodontics, Bauru School of Dentistry - USP
Specialist in Implantology by INEPO - SP
Master in Implantology by UNIP - São Paulo
Doctor in Biotechnology by IBB - UNESP



Ann Wennerberg

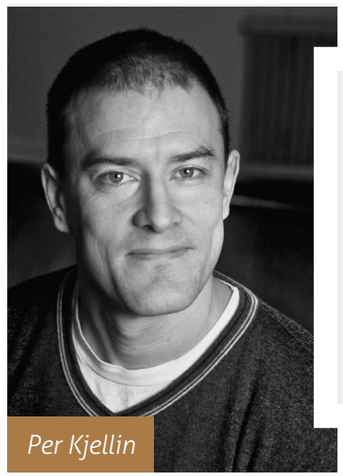
*OUR RESEARCH GROUP HAS WORKED WITH THE HANANO® SURFACE FOR OVER 10 YEARS. UNTIL NOW THIS RESEARCH HAS RESULTED IN TWO DOCTORAL THESES AND ANOTHER ONE IS IN PROGRESS. OUR EXPERIMENTAL RESULTS IN 17 IN VIVO STUDIES, MOSTLY ON RABBITS, USUALLY SHOWS AN IMPROVED BONE RESPONSE FOR THE TITANIUM WITH THE HANANO® SURFACE AND PEEK IMPLANTS WHEN COMPARED WITH IMPLANTS WITHOUT THIS SURFACE.*

DDS/PhD and Director of the Department of Dental Prosthesis at the Malmö University, Sweden. Specialized in Implant Surface and author of more than 220 scientific articles published in renowned magazines on this subject.

*WITH THE NEW SURFACE OF UNITITE, WE HAVE NOTICED THROUGH STUDIES THAT PRIMARY STABILITY IS ACTUALLY OBTAINED. THE MACROGEOMETRY OF THE IMPLANT ITSELF ALLOWS THE BLOOD TO FLOW THROUGH THE ENTIRE IMPLANT, AND THERE IS A COMPLETE OSSEOINTEGRATION FROM THE APEX OF THE IMPLANT TO THE CENTRAL WALLS, AND EVEN TO THE CERVICAL AREA OF THE IMPLANT ITSELF. THE UNITITE IS, WITHOUT A DOUBT, A MAJOR STEP FORWARD IN THE WORLD OF IMPLANTOLOGY, NOT ONLY ACCORDING TO THE MULTICENTER STUDIES, BUT ALSO THE RESULTS AND THE RADIOGRAPHIC AND CLINICAL CONTROLS THAT WE HAVE, WHICH ARE VERY ENCOURAGING.*

Fernando Duarte

PhD and Masters in Oral and Maxillofacial Surgery at the Eastman Dental Institute –University of London – and Professor at the Instituto Superior de Saúde do Alto Ave (ISAVE) in Portugal.



Per Kjellin

*THE HANANO® SURFACE IS AN ULTRATHIN LAYER OF SYNTHETIC BONE ON THE SURFACE OF THE IMPLANT. EACH CRYSTAL OF SYNTHETIC BONE IS EXTREMELY SMALL, 10 TO 14 NM IN LENGTH AND ABOUT 5NM IN THICKNESS. WHAT MAKES THESE CRYSTALS SO SPECIAL IS THAT THEY HAVE THE SAME SIZE AND SHAPE AS THOSE FOUND IN HUMAN BONE AND ARE RECOGNIZED BY THE BONE CELLS, AS WELL AS BY THE BONE TISSUE, WHICH ACTIVATES THE CATALYZER AND STARTS A HUGE PROCESS OF BUILDING BONE AROUND THE IMPLANT. THIS EFFECT HAS BEEN PROVEN IN MORE THAN 20 PRE-CLINICAL STUDIES WITH THE BEST RESEARCHERS IN THE WORLD IN THE AREA OF IMPLANTS.*

CTO of Promimic, Co-inventor of the HAnano® surface, PhD in Materials and Chemical Surfaces by the Chalmers University in Gothenburg, Sweden, and author of several studies in the area of nanomaterials.

Promimic
MAKING IMPLANTS INTEGRATE

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