Unitite

UNICENG222

S.I.N.
Implant System

#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.

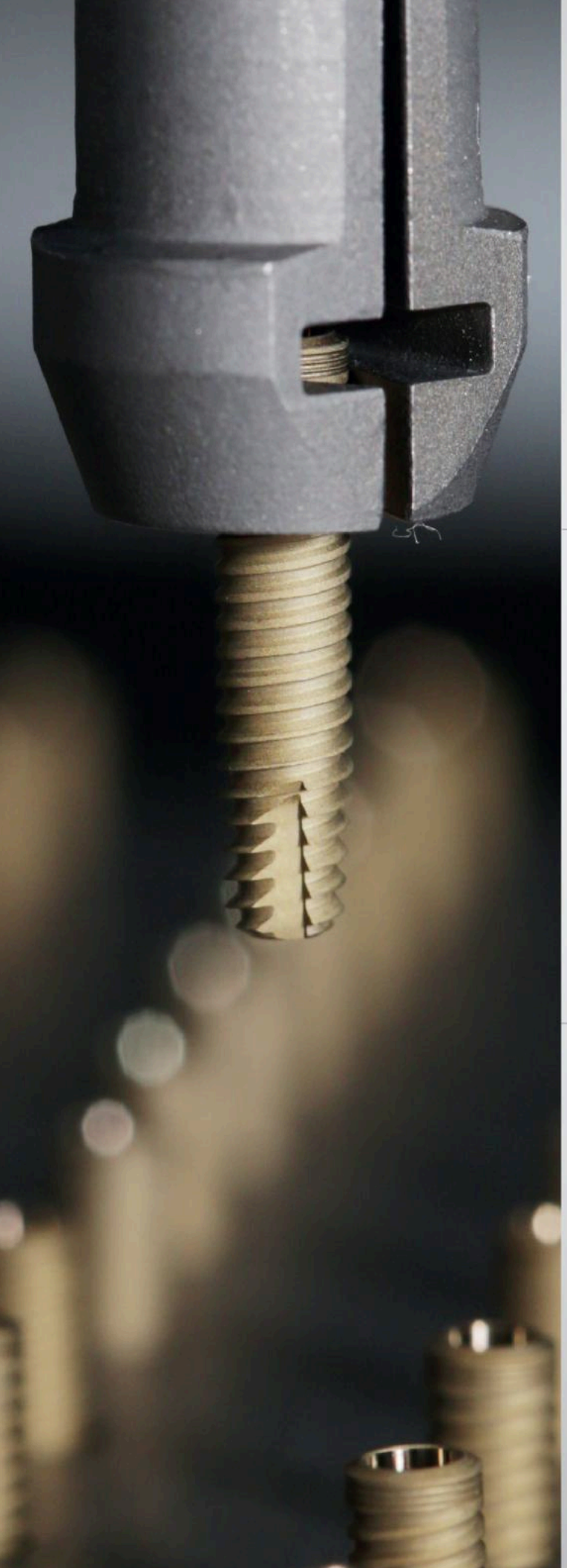
At S.I.N. Implant System, we believe that the smile of each of our partners help generate even more unique smiles.

Our purpose is to build this affective 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.



Unitite

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. Implant System.

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 CE ANVISA

ISO 14001 ISO 45001

FDA

510(K) - CLEARED
K222005
K051859
K170392
K170398
K193096
K201688
K200992

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.

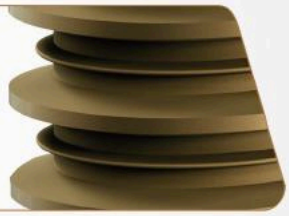
UNITITE® SLIM

UNITITE® COMPACT

- Exclusive **HAnano®** surface: developed at Chalmers University, in Sweden, HAnano® was evaluated by more than 50 preclincial and clinical studies.

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

- 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.

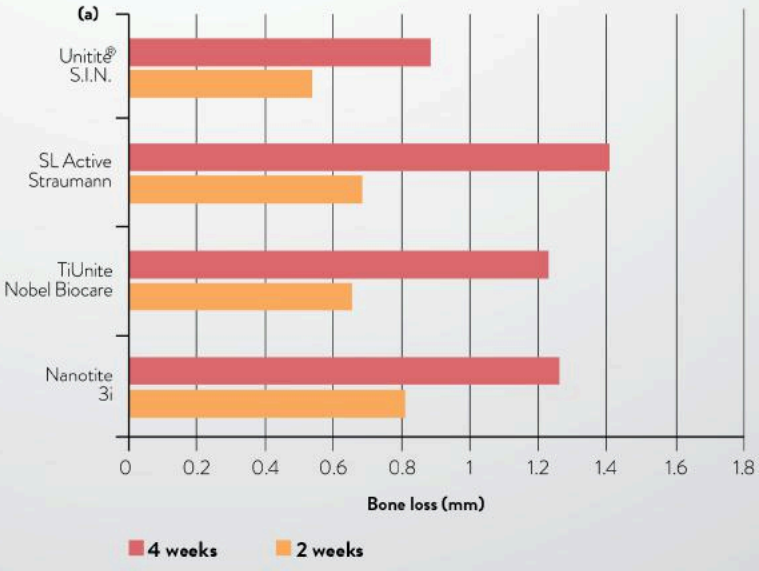
One concept, several possibilities.

UNITITE® HIGH LEVEL OF EXCELLENCE

PATENTED PRODUCT
S.I.N. IMPLANT SYSTEM

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.

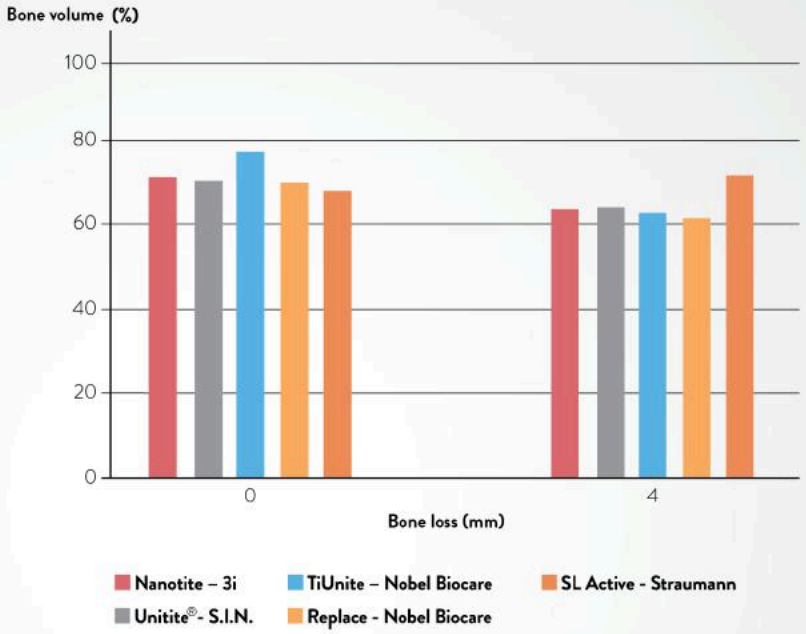
In the following chart we observed the results of Unitite® with respect to marginal bone loss performed in an animal study.
In this study, Unitite® was compared to implants SLActive (Straumann), TiUnite (Nobel Biocare) and Nanotite (Biomet 3i), with lower bone loss two to four weeks after implant placement.



Source: modified from Bonfante et al.

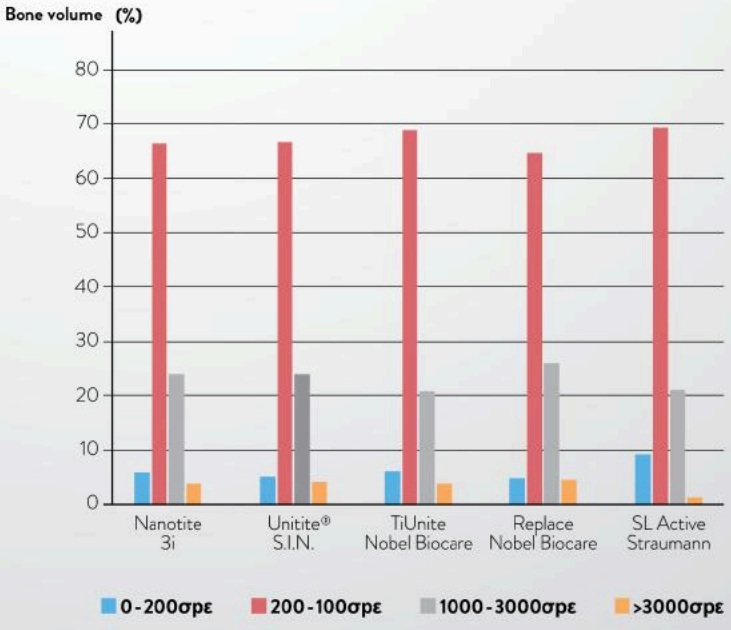
The Unitite® demonstrated excellent results for bone maintenance in finite element analysis.

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.

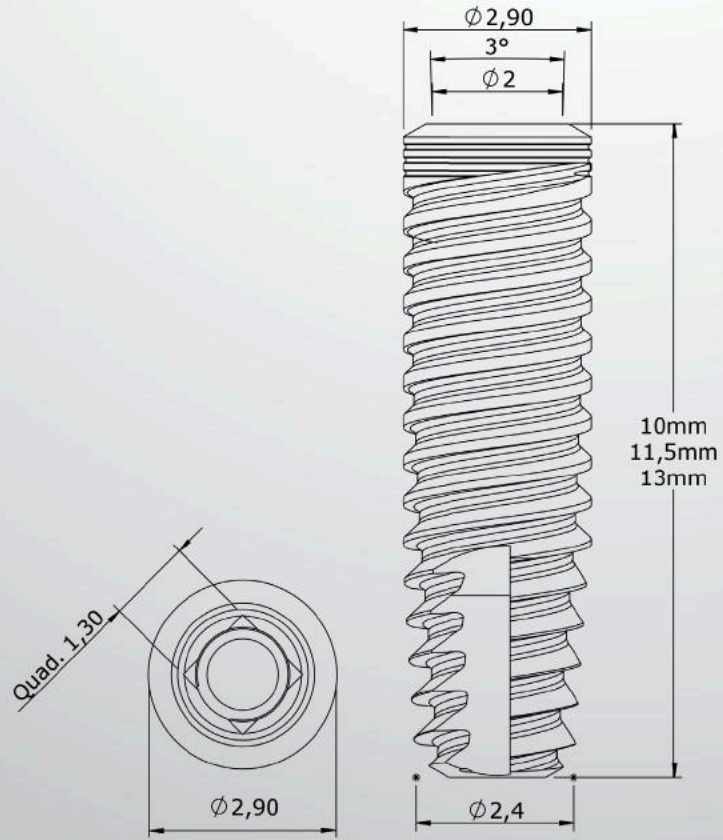
DRILLING SEQUENCE GUIDE

		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 - PRE-MADE POSTS

Analog and digital

Cemented unitary retained restorations

IMPLANT

CODE	DIAM. (mm)	LENGTH (mm)
UCMS 2910N	2.9	10
UCMS 2911N	2.9	11.5
UCMS 2913N	2.9	13

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

10 N.cm

PEEK HEALING CAP

CODE	PROFILE DIAM. (mm)	LENGTH (mm)
CPUS 0404	4	4
CPUS 0408	4	8

15 N.cm

STRAIGHT UNIVERSAL ABUTMENT

CODE	DIAM. (mm)	TRANSMUCOSAL LENGTH (mm)	CEMENTATION LENGTH (mm)
AISITS 334008	3.3	0.8	4
AISITS 334015	3.3	1.5	4
AISITS 334025	3.3	2.5	4
AISITS 334035	3.3	3.5	4
AISITS 334045	3.3	4.5	4
AISITS 334055	3.3	5.5	4
AISITS 336008	3.3	0.8	6
AISITS 336015	3.3	1.5	6
AISITS 336025	3.3	2.5	6
AISITS 336035	3.3	3.5	6
AISITS 336045	3.3	4.5	6
AISITS 336055	3.3	5.5	6

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

Check product availability in your country.

POLYACETAL IMPRESSION TRANSFER

CODE	DIAM. (mm)	LENGTH (mm)
TSIT 3340	3.3	4
TSIT 3360	3.3	6

ANALOG

CODE	DIAM. (mm)	LENGTH (mm)
ASIT 3340	3.3	4
ASIT 3360	3.3	6

CALCINABLE POLYACETAL CYLINDER

CODE	DIAM. (mm)	LENGTH (mm)
CPSIT 3340	3.3	4
CPSIT 3360	3.3	6

TEMPORARY ACRYLIC CYLINDER

CODE	DIAM. (mm)	LENGTH (mm)
CCSIT 3340	3.3	4
CCSIT 3360	3.3	6

UNIVERSAL ABUTMENT SCANNING JIG

CODE	
JBSIT 3340	⬢
JBSIT 3360	⬢
JBSIT 4540	⬢
JBSIT 4560	⬢

UNIVERSAL ABUTMENT DIGITAL ANALOG

CODE
ADUA 3340
ADUA 3360
ADUA 4540
ADUA 4560

— * Analog sequence
— * Digital sequence

⬢ *Hex Screw
◎ *Anti-Rotational Component
■ * Squared Screw
⬡ *Abutment Screw
◎ *Rotational Component

UNITITE® SLIM PROSTHETIC SEQUENCE

MICRO MULTI-UNIT ABUTMENT

Analog and digital

Multiple screw retained restorations

IMPLANT

CODE	DIAM. (mm)	LENGTH (mm)
UCMS 2910N	2.9	10
UCMS 2911N	2.9	11.5
UCMS 2913N	2.9	13

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

10 N.cm

PEEK HEALING CAP

CODE	PROFILE DIAM. (mm)	LENGTH (mm)
CPUS 0404	4	4
CPUS 0408	4	8

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

ABUTMENT PROTECTOR

CODE
PMM 33

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

Check product availability in your country.

OPEN TRAY TRANSFER

CODE
TMM 33

CLOSED TRAY TRANSFER

CODE
TMMF 33
TMMF 3306 ◎

ANALOG

CODE
AMMA 33

10 N.cm

TEMPORARY CYLINDER

CODE
CPMT 33

10 N.cm

CALCINABLE AND CR-CO CYLINDER

CODE	
CPMC 33	Plastic
CPMM 33	Cobalt--chrome

10 N.cm

RETAINING SCREW

CODE	LENGTH (mm)
PRH 3035	1.4

LABORATORY SCREW

CODE	LENGTH (mm)
PTMMA 14	1.4

POLISHING PROTECTOR

CODE
PPMM 33

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	⬢

10 N.cm

CHROME INTERFACE MICRO MULTI-UNIT ABUT

CODE	LENGTH (mm)	
IMMAC 04	4,0	
IMMAC 06	6,0	
IMMAC 0406	4,0	⬢
IMMAC 0606	6,0	⬢

MICRO MULTI-UNIT ABUTMENT SCANNING JIG

CODE
JBMMA
JBMMA06 ⬢

MICRO MULTI-UNIT ABUTMENT DIGITAL ANALOG

CODE
ADMMA

MICRO MULTI-UNIT ABUTMENT SCANNING JIG

CODE
JBMMAC
JBMMA 06C ⬢

— * Analog sequence

— * Digital sequence

⬢ *Hex Screw

◎ *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: 4° 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.

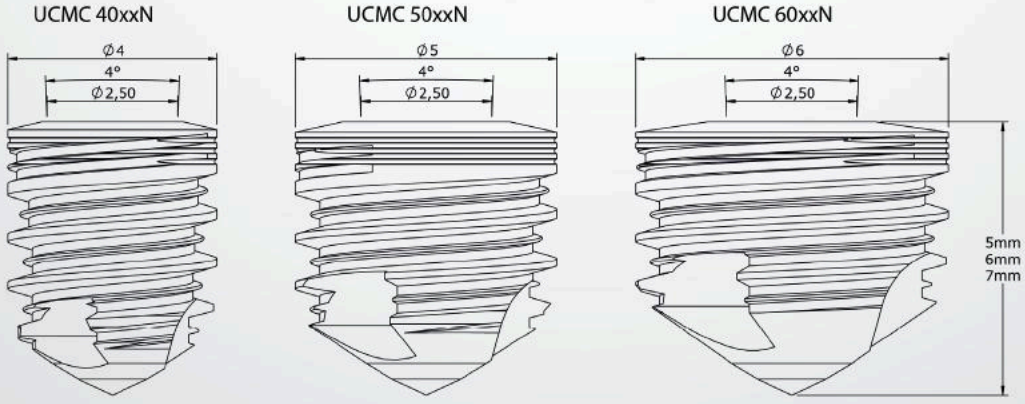
DRILLING SEQUENCE GUIDE

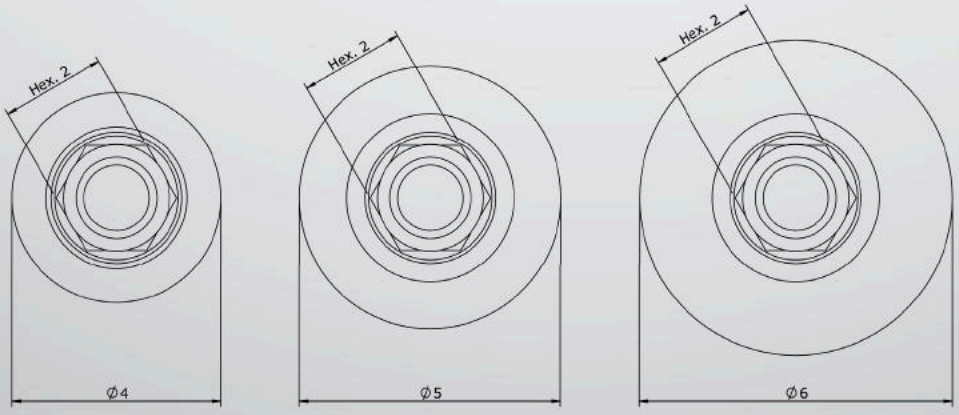
Scan to see step by step

		1.200 RPM				800 RPM			20 RPM		
	PLAT. (mm)	FRLD 2005 Ø2.0	FHCD 2015 Ø2.0	FUM 2915 Ø2.7	FUM 3515 Ø3.3	FHCD 3215 Ø3.8	FHCD 4215 Ø4.8	FHCD 5215 Ø5.8	CMRUC 40 Ø4.0	CMRUC 50 Ø5.0	CMRUC 60 Ø6.0
 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 - PRE-MADE POSTS

Analog and digital

Cemented retained restorations

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

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

10 N.cm

PEEK HEALING CAP

CODE	PROFILE DIAM. (mm)	LENGTH (mm)
CPUC 0504	5	4
CPUC 0804	8	4
CPUC 0508	5	8
CPUC 0808	8	8

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

Check product availability in your country.

POLYACETAL IMPRESSION TRANSFER

CODE	DIAM. (mm)	LENGTH (mm)
TSIT 4540	4.5	4
TSIT 4560	4.5	6

ANALOG

CODE	DIAM. (mm)	LENGTH (mm)
ASIT 4540	4.5	4
ASIT 4560	4.5	6

CALCINABLE POLYACETAL CYLINDER

CODE	DIAM. (mm)	LENGTH (mm)
CPSIT 4540	4.5	4
CPSIT 4560	4.5	6

TEMPORARY ACRYLIC CYLINDER

CODE	DIAM. (mm)	LENGTH (mm)
CCSIT 4540	4.5	4
CCSIT 4560	4.5	6

UNIVERSAL ABUTMENT SCANNING JIG

CÓD.	
JBSIT 3340	⬢
JBSIT 3360	⬢
JBSIT 4540	⬢
JBSIT 4560	⬢

UNIVERSAL ABUTMENT DIGITAL ANALOG

CÓD.
ADUA 3340
ADUA 3360
ADUA 4540
ADUA 4560

UNITITE COMPACT

— * Analog sequence
— * Digital sequence

⬢ *Hex Screw
◎ *Anti-Rotational Component
■ * Squared Screw
⬡ *Abutment Screw
◎ *Rotational Component

UNITITE® COMPACT PROSTHETIC SEQUENCE

MULTI-UNIT ABUTMENT

Analog and digital

Multiple screw retained restorations

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

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

10 N.cm

PEEK HEALING CAP

CODE	PROFILE DIAM. (mm)	LENGTH (mm)
CPUC 0504	5	4
CPUC 0804	8	4
CPUC 0508	5	8
CPUC 0808	8	8

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

ABUTMENT PROTECTOR

CODE
PMA 4855

Check product availability in your country.

OPEN TRAY TRANSFER

CODE
TMAM 4800

CLOSED TRAY TRANSFER

CODE
TMFM 4800

ANALOG

CODE
ANMA 4800

10 N.cm

TEMPORARY CYLINDER

CODE	
PTM 4800-3	For straight multi-unit

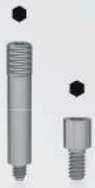
10 N.cm

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



LABORATORY SCREW

CODE
PL 1405 short
PTMA 13-1 long

10 N.cm

RETAINING SCREW - PACK 4

CODE	LENGTH (mm)
PRH 30	3

MULTI-UNIT ABUTMENT SCANNING JIG

CODE
JBMA

MULTI-UNIT ABUTMENT SCANNING JIG

CODE
JBMAC

MULTI-UNIT ABUTMENT DIGITAL ANALOG

CODE
ADMA

10 N.cm

TITANIUM INTERFACE MULTI-UNIT ABUT

CODE	LENGTH (mm)
IMAT 04	4,0
IMAT 06	6,0

10 N.cm

CHROME INTERFACE MULTI-UNIT ABUT

CODE	LENGTH (mm)
IMAC 04	4,0
IMAC 06	6,0

* Analog sequence

* Digital sequence

*Hex Screw

*Anti-Rotational Component

* Squared Screw

*Abutment Screw

*Rotational Component

UNITITE® COMPACT PROSTHETIC SEQUENCE

MULTIFUNCTIONAL ABUTMENT

Analog and digital

Multiple screw retained restorations

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

TITANIUM HEALING CAP

CODE	DIAM. (mm)	ALT. (mm)
CIC 4002	4.0	2.0
CIC 4004	4.0	4.0
CIC 4006	4.0	6.0

10 N.cm

PEEK HEALING CAP

CODE	PROFILE DIAM. (mm)	ALT. (mm)
CPUC 0504	5	4
CPUC 0804	8	4
CPUC 0508	5	8
CPUC 0808	8	8

32 N.cm

MULTIFUNCTIONAL ABUTMENT

CODE		TRANSMUCOSAL LENGTH (mm)
AMCMC 4801	4.8	1
AMCMC 4802	4.8	2
AMCMC 4803	4.8	3
AMCMC 4804	4.8	4
AMCMC 4805	4.8	5

Use hexagonal driver 1.6 mm

ABUTMENT PROTECTOR

CODE
PAM 48

Check product availability in your country.

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 ◎

POLISHING PROTECTOR

CODE
PPAM 01

LABORATORY SCREW

CODE
PTMAL 01 ◎

10 N.cm

RETAINING SCREW

CODE
PRA 01

MULTIFUNCTIONAL ABUTMENT SCANNING JIG

CODE
JBAM00
JBAM06 ⬢

MULTIFUNCTIONAL ABUTMENT SCANNING JIG

CODE
JBAM 00C
JBAM 06C ⬢

MULTIFUNCTIONAL ABUTMENT 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	⬢

— * Analog sequence
— * Digital sequence

⬢ *Hex Screw
◎ *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® Slim and Unitite® Compact.

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

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.

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

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** *(FHCD 2015)*

02 **DRILL UNITITE** *(FUM 2915)*

03 **DRILL UNITITE** *(FUM 3515)*

04 **DRILL UNITITE** *(FUM 4315)*

05 **DRILL UNITITE** *(FUM 5015)*

06 **PILOT DRILL** *(FPUC 3338)*

07 **PILOT DRILL** *(FPUC 3848)*

08 **PILOT DRILL** *(FPUC 4858)*

09 **SPADE** *(FRLD 2005)*

10 **SCREW TAP** *(CMRU 29)*

11 **SCREW TAP** *(CMRU 35)*

12 **SCREW TAP** *(CMRU 43)*

13 **SCREW TAP** *(CMRU 50)*

14 **TWIST DRILL** *(FHCD 3215)*

15 **TWIST DRILL** *(FHCD 4215)*

16 **TWIST DRILL** *(FHCD 5215)*

17 **SHORT DIRECTION INDICATOR** *(IDU 100)*

18 **LONG DIRECTION INDICATOR** *(IDU 200)*

19 **HEX. SCREWDRIVER** *(CDH 1224)*

20 **SCREW TAP - COMPACT** *(CMRUC 40)*

21 **SCREW TAP - COMPACT** *(CMRUC 50)*

22 **SCREW TAP - COMPACT** *(CMRUC 60)*

23 **DRILL EXTENSION** *(EXFN)*

24 **DRIVER BI-DIGITAL** *(CBD 01)*

25 **PRIME TRANSMUCOSAL METER** *(MTM 02)*

26 **TRANSMUCOSAL METER MORSE COMPACT** *(MTMC 02)*

27 **TRANSMUCOSAL METER MORSE SLIM** *(MTMS 02)*

28 **LONG SLIM HANDPIECE DRIVER** *(CTUS 24)*

29 **LONG SLIM DRIVER** *(CCUS 24)*

30 **LONG MORSE HANDPIECE DRIVER** *(CTUM 24)*

31 **LONG MORSE DRIVER** *(CCUM 24)*

32 **SHORT SLIM HANDPIECE DRIVER** *(CTUS 20)*

33 **SHORT SLIM DRIVER** *(CCUS 20)*

34 **SHORT MORSE HANDPIECE DRIVEI** *(CTUM 20)*

35 **SHORT MORSE DRIVER** *(CCUM 20)*

36 **DRIVER HANDPIECE COMPACT LOI** *(CTUC 24)*

37 **DRIVER HANDPIECE COMPACT LOI** *(CCUC 24)*

38 **DRIVER HANDPIECE COMPACT SHI** *(CTUC 20)*

39 **DRIVER HANDPIECE COMPACT SHI** *(CCUC 20)*

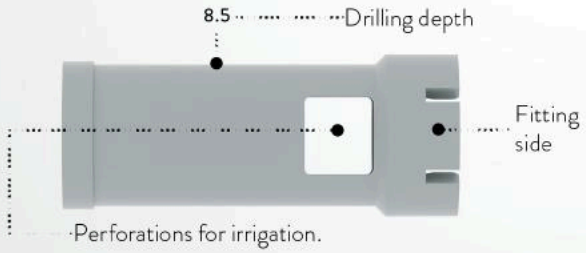
40 **DEPTH PROBE** *(SOPU 20)*

41 **SURGICAL TORQUE WRENCH** *(TMECC 03)*

ORGANIZING BOX (COSU03)

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

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

SAFE DRILL ORGANIZING BOX: COSD

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:

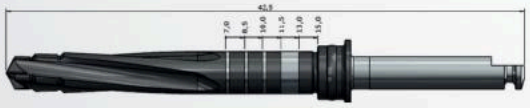
- Shorter surgery time, as there is greater precision in implant installation.
- More predictability and accuracy in planning.
- High implant survival rate.
- Reduced bleeding.
- Faster recovery for patient.
- Better postoperative recovery.
- Preservation of bone tissue volume around the implant.
- Better 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.*

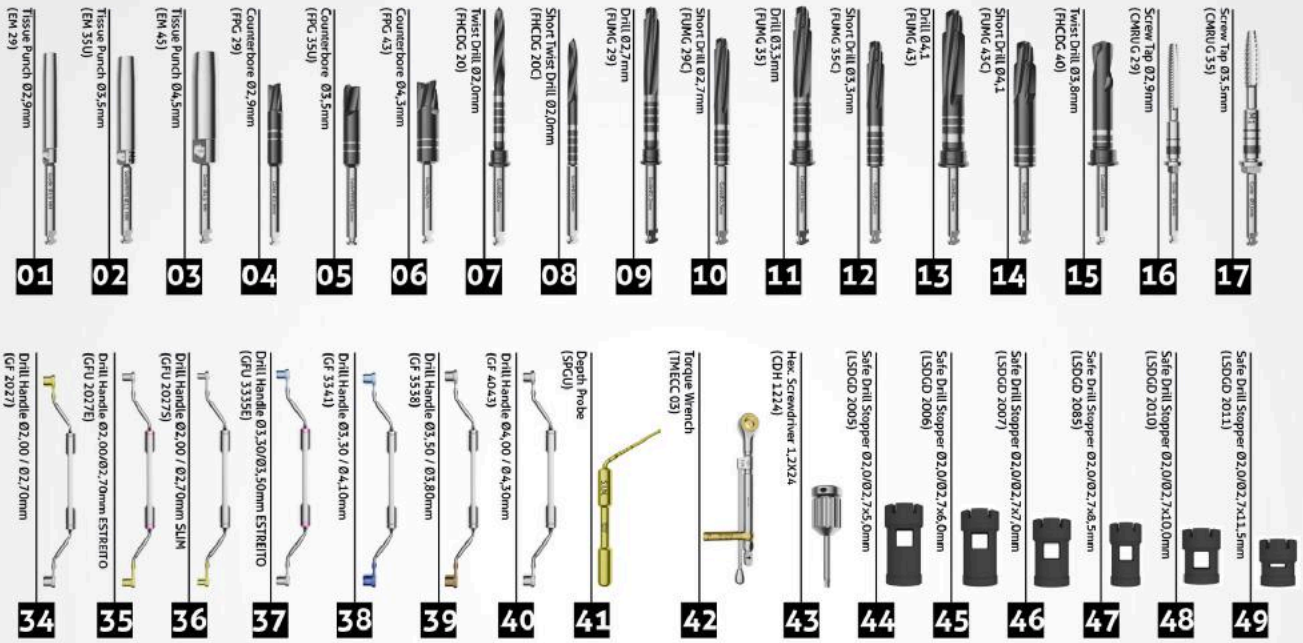
Flexible sleeve positioning system

> 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.

CÓD.	*DESCRIÇÃO*
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



ORGANIZING BOX: COSUG 02


Narrow Long Key Connector
(CATL E)
33
Narrow Key Connector
(CAT E)
32
Long Key Connector
(CATL)
31
Key Connector
(CAT)
30
Compact Morse Driver H5,0
(CTUCMC 50)
29
Slim Morse Driver H6,5
(CTUCMS 65)
28
Slim Morse Driver H5,0
(CTUCMS 50)
27
Narrow Prime Morse Driver H6,5
(CTUCM 65E)
26
Narrow Prime Morse Driver H5,0
(CTUCM 50E)
25
Prime Morse Driver H6,5
(CTUCM 65)
24
Prime Morse Driver H5,0
(CTUCM 50)
23
Anchor Pin Ø1,4X20mm
(FGC 14)
22
Twist Drill Ø1,3mm
(FHDG 13)
21
Screw Tap COMPACT Ø4,0mm
(CMRUCG 40)
20
Screw Tap Ø4,3mm
(CMRUG 43)
19
Screw Tap Ø3,5mm
(CMRUG 35E)
18


Safe Drill Stopper Ø3,8/Ø4,25x13,0mm
(LSDGD 3813)
64
Safe Drill Stopper Ø3,8/Ø4,25x11,5mm
(LSDGD 3811)
63
Safe Drill Stopper Ø3,8/Ø4,25x10,0mm
(LSDGD 3810)
62
Safe Drill Stopper Ø3,8/Ø4,25x8,5mm
(LSDGD 3885)
61
Safe Drill Stopper Ø3,8/Ø4,25x7,0mm
(LSDGD 3807C)
60
Safe Drill Stopper Ø3,8/Ø4,25x6,0mm
(LSDGD 3806C)
59
Safe Drill Stopper Ø3,8/Ø4,25x5,0mm
(LSDGD 3805C)
58
Safe Drill Stopper Ø3,0/Ø3,3x13,mm0mm
(LSDGD 3013)
57
Safe Drill Stopper Ø3,0/Ø3,3x11,5mm
(LSDGD 301)1
56
Safe Drill Stopper Ø3,0/Ø3,3x10,0mm
(LSDDG 3010)
55
Safe Drill Stopper Ø3,0/Ø3,3x8,5mm
(LSDGD 3085)
54
Safe Drill Stopper Ø3,0/Ø3,3x7,0mm
(LSDGD 3007)
53
Safe Drill Stopper Ø3,0/Ø3,3x6,0mm
(LSDGD 3006)
52
Safe Drill Stopper Ø3,0/Ø3,3x5,0mm
(LSDGD 3005)
51
Safe Drill Stopper Ø2,0/Ø2,7x13,0mm
(LSDGD 2013)
50


Ø2.0 - Ø2.7
35
37
36
SONDA
41
FIXADOR DE TORQUE CIRÚRGICO
42
POSIÇÃO DE ANILHAS
40
39
38
34
BKCSUG 0202 - REV 00

PROSTHETIC KIT

FUNCTIONAL, PRACTICAL AND COMPACT.

35% lighter than other kits on the market.

Used for insertion, removal and torque of prosthetic components.

Ease to assemble: all descriptions already engraved on the tray.

Detachable wrench with torque meter: safety when installing components.

Transparent lid for identification without the need of opening and loss of asepsis after autoclaving.

Thinner driver, specific for angled abutment.

Silicone rings color-coded according to the each key.

Full lock: keys do not moveregardless of position and movement.

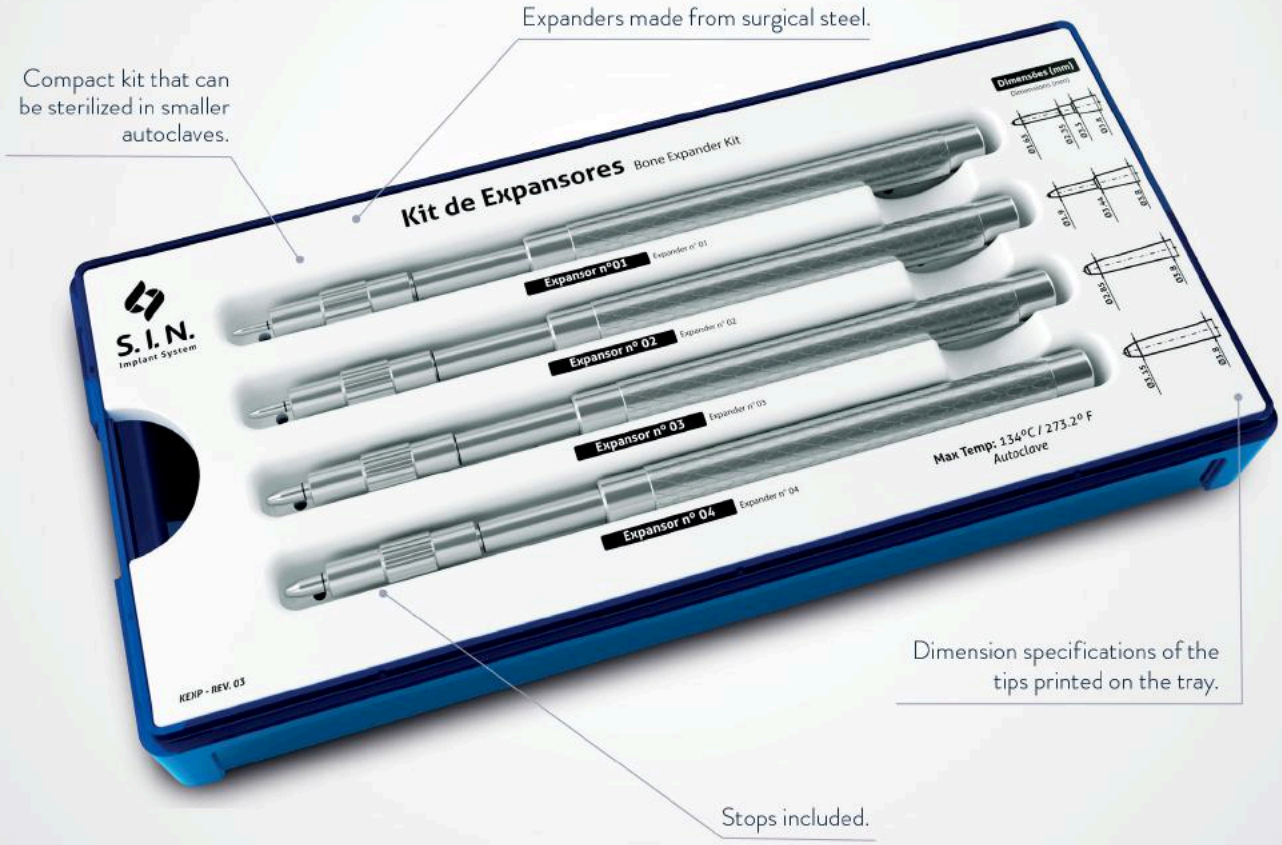
Functionality: Instrumental with better retention in the use of the torque ratchet.

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

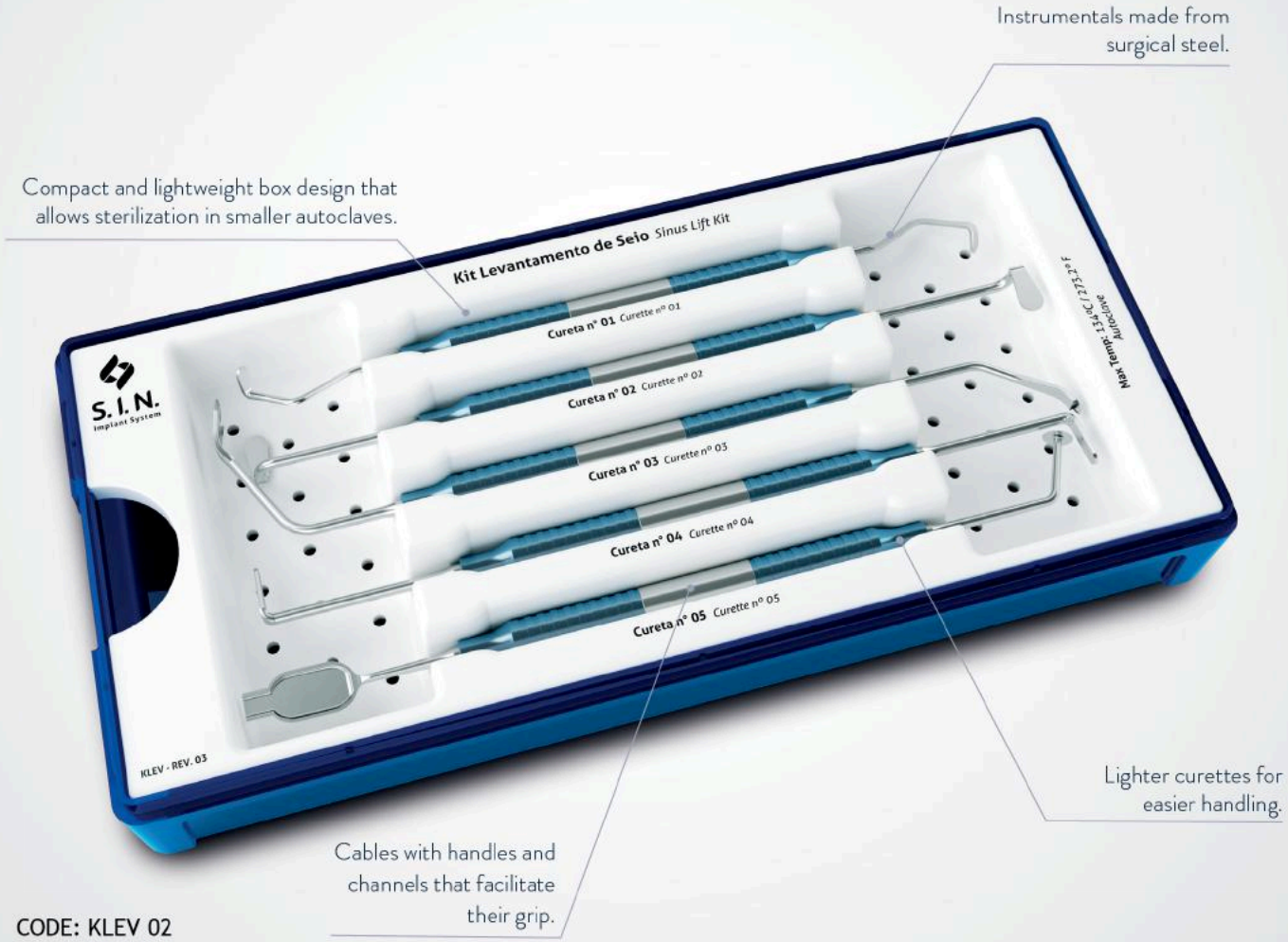
CODE	DIAM.	LENGTH
PEX 1408	1.4 mm	8.0 mm
PEX 1410	1.4 mm	10.0 mm
PEX 1412	1.4 mm	12.0 mm
PEX 1608	1.6 mm	8.0 mm
PEX 1610	1.6 mm	10.0 mm
PEX 1612	1.6 mm	12.0 mm

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. > 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 > Thermal treatment > Laser markings > 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

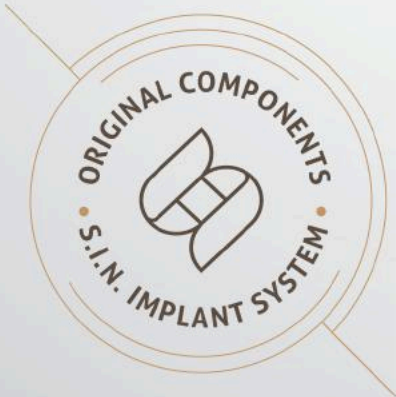
ITEM	CODE	MEASUREMENTS	DESCRIPTION
	FTR 02	ø 2.0 mm	> Surgical-grade stainless steel > Thermal treatment > Laser markings > May be used to remove implants, remove bone, and bone biopsy > Measures refer to the inner diameter of the part
	FTR04	ø 4,2 mm	
	FTR 05	ø 5,1 mm	
	FTR 06	ø 6,1 mm	
	FTR 08	ø 8,0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

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.



MORE EASE AND SAFETY FOR YOUR CLINICAL PROCEDURES

S.I.N. Implant System 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

1st step: Remove manually all surgical instruments from the kit. Remove the kit box parts (lid, tray and bottom).

2nd step: Prepare the enzymatic detergent, according to manufacturer's recommendation.

3rd step: Immerse the trays into the prepared detergent solution and using a soft bristle brush, scrub the parts to remove organic matter from the products.

4th step: Remove trays from detergent solution and rinse with tap water for 1 minute, repeat the rinse for two more times, a total of three rinses of 1 minute each.

5th step: Visual inspection of each part for cleaning process residue or organic waste from product use.

6th step: If residue is detected in the product, repeat the cleaning process until the residue is completely removed.

7th step: Dry with a soft, clean, dry cloth or disposable paper.

CLEANING THE SURGICAL INSTRUMENTS

1st step: Disassemble the product (if applicable). For the torque wrench, disassembly it completely, remove all the internal organic matter and follow to the next step only after performing such procedures.

2nd step: Prepare the enzymatic detergent according to the manufacturer's recommendation.

3rd step: Immerse all parts of the product in the prepared detergent solution and using soft bristle brush, rub the parts to remove organic matter from the products.

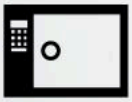
4th step: Remove parts from detergent solution and rinse with tap water for 1 minute, repeat the rinse for two more times, a total of three rinses of 1 minute each.

5th step: Visual inspection of each part for cleaning process residue or organic waste from product use.

6th step: If residue is detected in the product, repeat the cleaning process until the residue is completely removed.

7th step: Dry with a soft, clean, dry cloth or disposable paper.

8th step: Follow to sterilization process.



STERILIZATION

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

1st step: The product must be enclosed in a steam sterilizable wrap.

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

3rd step: Always accommodate the product in autoclave over a plane surface and away of device walls.

4th step: Never stack objects or other products.

CLEANING RECOMMENDATION

- Use the proper PPEs (gloves, masks, goggles, caps, etc.)
- Start the cleaning right after the surgical use.
- Never let the instruments dry with organic waste after the surgical use.
- Never let the instrument dry naturally after cleaning.
- Never use saline solutions, include sodium hypochlorite, disinfectant, hydrogen peroxide, alcohol cleaning or rinsing, or the surgical instruments.
- Never use steel wool and abrasive products, so that the instruments are not damaged.
- Do not stack the instruments in lots to avoid the 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 product.
- 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.

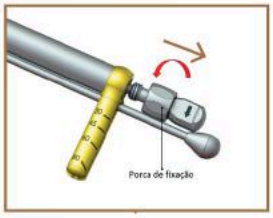
TORQUE WRENCH – CLEANING PROCEDURES

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.

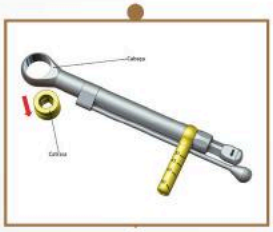
Pull the inverter stem back on.

› 01



Remove the ratchet.

› 02



Rotate the fastening nut in a counter-clockwise direction.

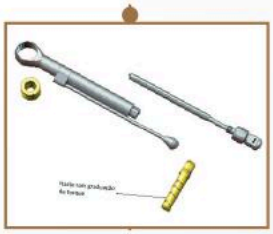
› 03

Begin the washing procedure.

› 06

Remove the central axle.

› 04



Remove the stem torque graduation.

› 05

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. > 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.

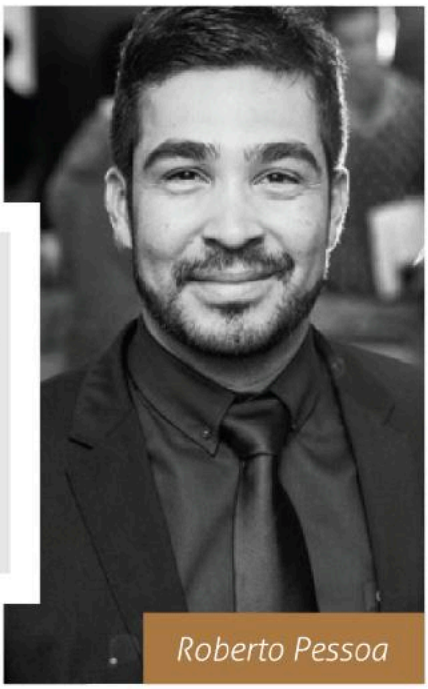
HELICAL MILLING CUTTERS

ITEM	CODE	MEASUREMENTS	DESCRIPTION
	FH 2010	ø 2.0x 10,0 mm	> Surgical-grade stainless steel > Thermal treatment > Laser markings > 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 > Thermal treatment > Laser markings > May be used to remove implants, remove bone, and bone biopsy > 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	

WHAT THE SPECIALISTS SAY



Roberto Pessoa

"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."

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.

Fabio Bezerra

"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."

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

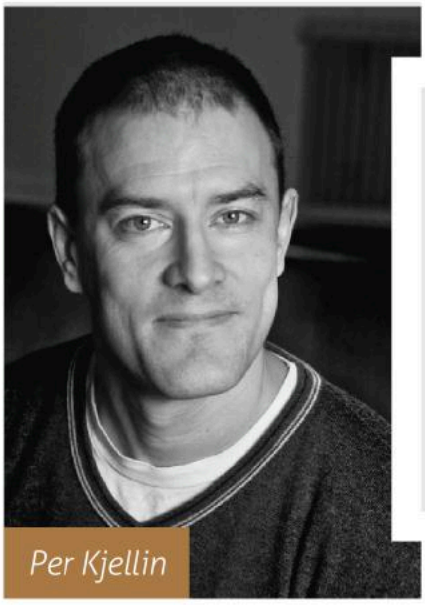
"OUR RESEARCH GROUP HAS WORKED WITH THE HANANO® SURFACE FOR OVER 10 YEARS. UNTIL NOW THIS RESEARCH HAS RESULTED IN TWO DOCTORAL THESES AND ANOTHER ONE IS IN PROGRESS. OUR EXPERIMENTAL RESULTS IN 17 IN VIVO STUDIES, MOSTLY ON RABBITS, USUALLY SHOWS AN IMPROVED BONE RESPONSE FOR THE TITANIUM WITH THE HANANO® 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.

Fernando Duarte

"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."

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

SCIENTIFIC PUBLICATIONS

Arvidsson A, Currie F, Kjellin P, Sul YT, Stenport V. Nucleation and growth of calcium phosphates in the presence of fibrinogen on titanium implants with four potentially bioactive surface preparations. An in vitro study. J Mater Sci: Mater Med 2009; 20:1869–1879

Arvidsson A, Franke-Stenport V, Andersson M, Kjellin P, Sul YT, Wennerberg A. Formation of calcium phosphates on titanium implants with four different bioactive surface preparations. An in vitro study. J Mater Sci: Mater Med 2007; 18:1945-1954

Barkarmo S, Wennerberg A, Hoffman M, Kjellin P, Breding K, Handa P, Stenport V. 2013. Nanohydroxyapatite-coated PEEK implants: A pilot study in rabbit bone. J Biomed Mater Res A 2013; 101A:465–471

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Bezerra F, Lenharo A, Pessoa RS, Duarte LRS, Granjeiro JM. Avaliação do impacto do edentulismo total mandibular e da reabilitação fixa sobre implants com carga imediata na qualidade de vida de pacientes idosos. Rev Dental Press Periodontia Implantol. 2011 jul-set;5(3):101-10

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Bezerra F, Ribeiro EP, Bittencourt S, Lenharo A. Influência da macrogeometria na estabilidade primária dos implants em diferentes densidades ósseas. Implant News 2010;7(5):671-6.

Bezerra F, Ribeiro EP, Bittencourt S, Lenharo A. Influência da macrogeometria na estabilidade dos implants. Innov Implant J 2010; 5:29-34

Bonfante EA, Janal MN, Granato R, Marin C, Suzuki M, Tovar N, Coelho PG. Buccal and lingual bone level alterations after immediate implantation of four implant surfaces: a study in dogs. Clin. Oral Impl. Res. 2013; 24:1375–1380

Bonfante EA, Granato R, Marin C, Suzuki M, Oliveira SR, Giro G, Coelho PG: Early bone healing and biomechanical fixation of dual acid-etched and as-machined implants with healing chambers: an experimental study in dogs. The International Journal of Oral & Maxillofacial Implants 2011; 26: 75-82

Campos FEB, Jimbo R, Bonfante EA, Barbosa EA, Oliveira MTF, Janal MN, Coelho PG. Are insertion torque and early osseointegration proportional? A histologic evaluation. Clinical Oral Implants Research 2014 Jul 4. doi: 10.1111/clr.12448. [Epub ahead of print]

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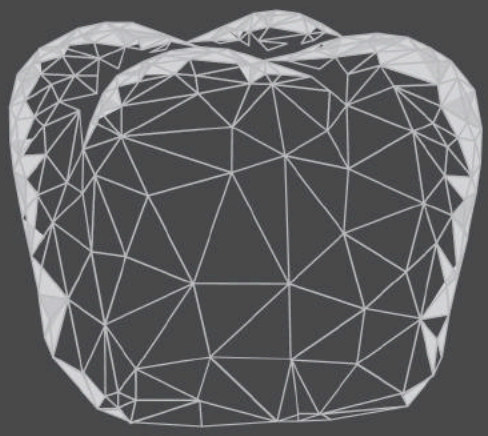

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