UNINGC120

Unitite

S.I.N.
Implant System

We believe science and technology make our lives better.
Sparking imagination, empowering human beings.
Creating the new or improving the world as we know it.
Yes, we believe in the future.
So we respect those who came before us
and see relations as opportunities to evolve.
We celebrate innovation,
the power to combine different ideas
and turn them into something unique.
We believe that building a legacy is leaving
the world better than we found it.
Because what we do today reshapes
the future and how we'll be remembered.
And we'll do our best to be remembered with a smile.

RESHAPE the FUTURE with a SMILE.

S.I.N. Implant System - RESHAPE THE FUTURE WITH A SMILE.

S. I. N.
Implant System

RESHAPE the FUTURE with Unitite

S.I.N. Implant System

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.

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 FDA 510(K) - CLEARED K051859 K170392 K170398

RESHAPE the FUTURE with Unitite

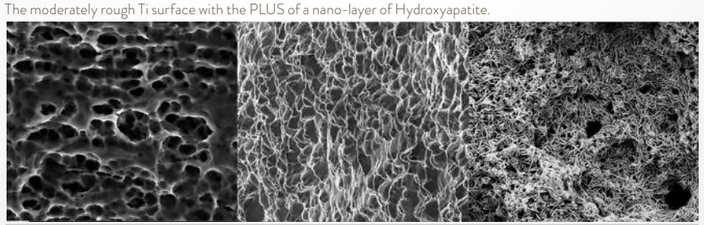
DOWNLOAD S.I.N. APP AND SEE IT
IN EXPANDED REALITY

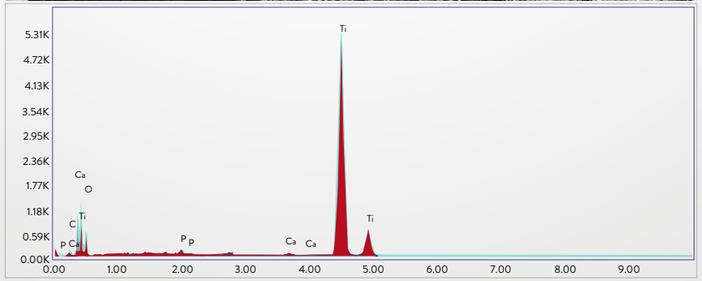
Place the cellphone camara over the image

HAnano 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.

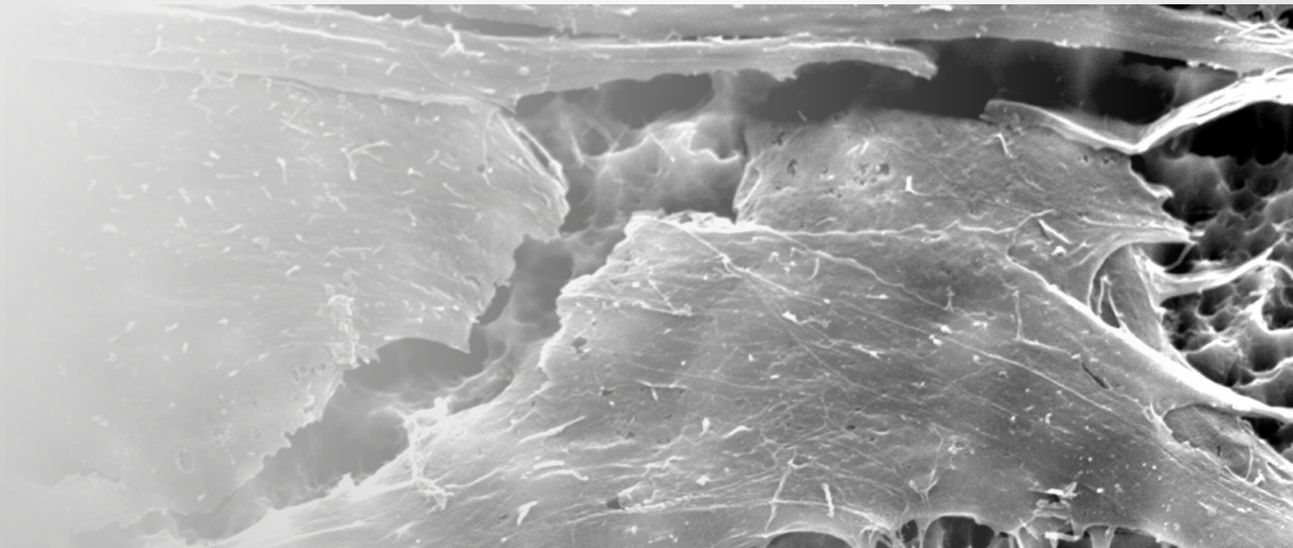
The International Journal of Oral and Maxillofacial Implants Volume 23, Issue 4, 2008, pp. 641-647

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®

REDEFINING CONCEPTS IN IMPLANTOLOGY.

From the synergy between the exclusive **macrogeometry** and the most advanced **surface nanoactivation** emerges 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® COMPACT *UNITITE® PRIME* *UNITITE® SLIM*

- 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® Prime, Unitite® Slim, and Unitite® Compact your surgical planning has more possibilities for innovative and high-performance solutions.

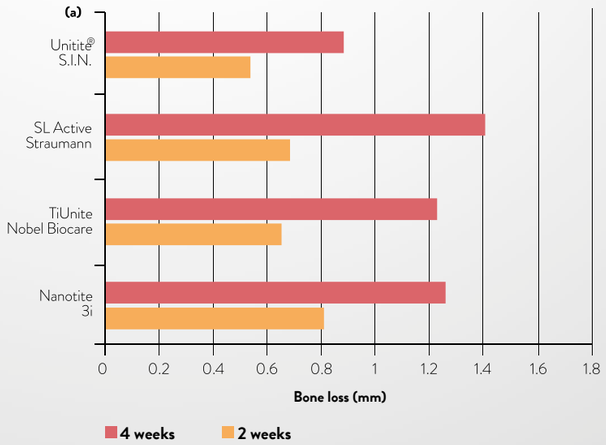
One concept, several possibilities.

UNITITE®
HIGH LEVEL OF EXCELLENCE

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.

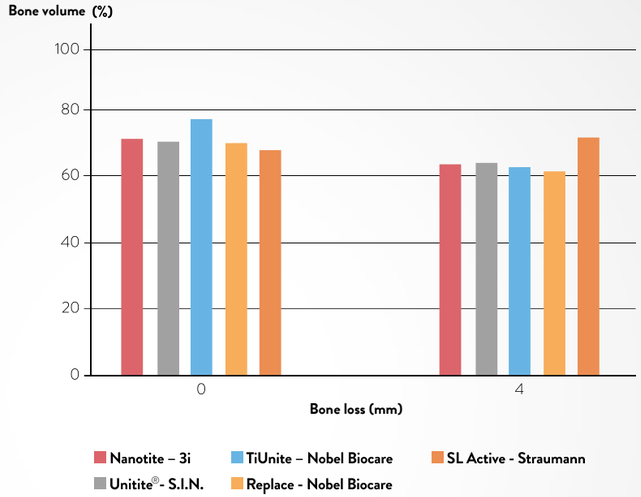
In the following chart we observed the results of Unitite® with respect to marginal bone loss performed in an animal study.
In this study, Unitite® was compared to implants SLActive (Straumann), TiUnite (Nobel Biocare) and Nanotite (Biomet 3i), with lower bone loss two to four weeks after implant placement.

Source: modified by Bonfante et al.



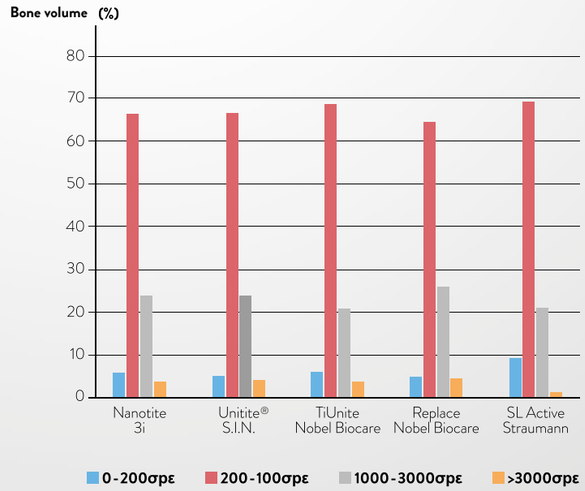
The Unitite® demonstrated excellent results for bone maintenance in finite element analysis.

Source: modified by Shunmugasamy et al.

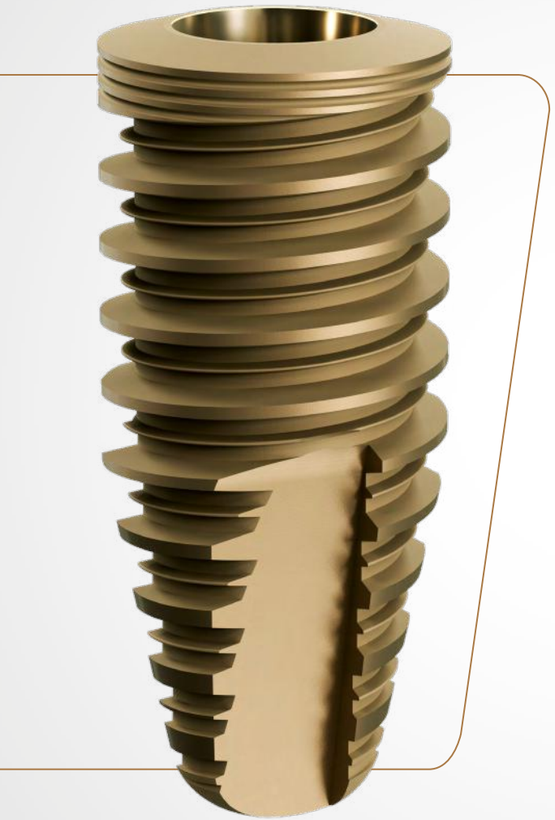


By analyzing the results demonstrated below, it was found that the dissipation of forces in the bone tissue of the Unitite® is comparable to the main brands of dental implants.

Source: modified from Shunmugasamy and collaborators



UNITITE® PRIME



UNITITE® PRIME

- Recommended for immediate, early or late loading: Unitite® has been designed for lasting and aesthetic solutions.
- High quality healing: the hybrid healing of the Unitite® implant eliminates the catabolic phase of interfacial bone remodeling in the largest area of the implant, which accelerates the healing process and improves the quality of bone tissue formed.
- High Hydrophilicity: with approximately 20nm layer of hydroxyapatite, Unitite® extends the activity of the proteins involved in the process of osteointegración.
- The unique macrogeometry guarantees precision between the drilling system and the design of the external threads, combining high stability and decreasing bone tissue compression peri-implant healing.
- With microthreads of 0.2 to 0.5 mm, Unitite® implant interacts more with the bone tissue and has greater mechanical resistance.

› **Maximum Torque: 60 N.cm.**
› Speed of the initial drills: 1,200 rpm.
› Speed of the drills 2.7 to 5.0mm: 800 rpm.
› Speed of the bone tap: 20 rpm*.
› Insertion speed: 20 to 40 rpm.
› Immediate loading: Recommend torque above 45 N.cm.
› Early loading (as from 28 days): ** Recommended torque from 30 to 45 N.cm.
› Late loading: Torque less than 30 N.cm.
› Includes cover screw of 2.0
› **Recommended 1.5 to 2.0mm infra-bone installation.**
› For installation at bone level it is necessary to use cover screw TIMU0012
› Indicated for all ty,e of bones.
› Internal angle of 11.5°.

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

**Contra-indicates for patients with diabetes, smokers, pos extraction alveolus, active periodontal disease and osteoporosis. Also in patients during radiotherapy and chemotherapy.

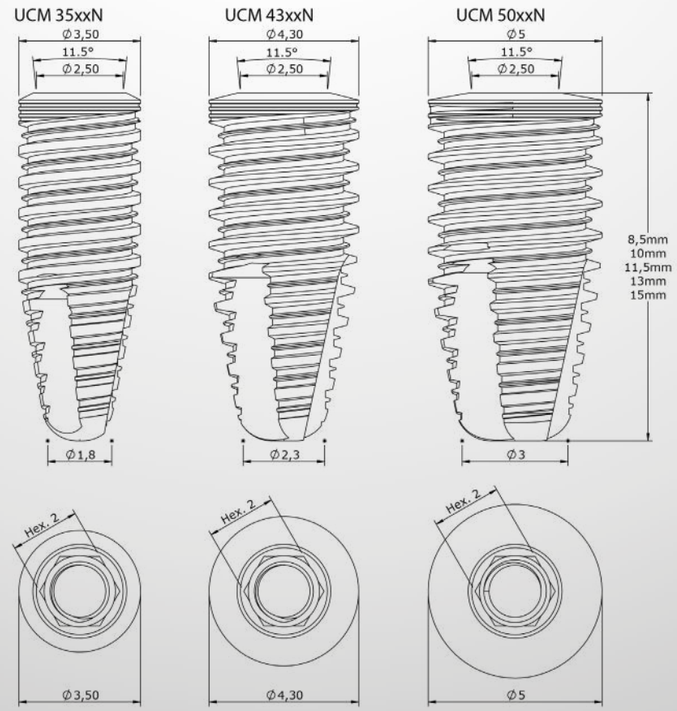
DRILLING SEQUENCE GUIDE

Scan to see step by step

		1.200 RPM		800 RPM				20 RPM		
										
	PLAT. (mm)	FRLD 2005 ∅2.0	FHCD 2015 ∅2.0	FUM 2915 ∅2.7	FUM 3515 ∅3.3	FUM 4315 ∅4.1	FUM 5015 ∅4.8	CMRU 35 ∅3.5	CMRU 43 ∅4.3	CMRU 50 ∅5.0
 Unitite®	3.5	•	•	•	•			•		
	4.3	•	•	•	•	•			•	
	5.0	•	•	•	•	•	•			•

- For bone types I and II the bone tap is required to not exceed the recommended torque and ensure the correct healing process.

TECHNICAL INFORMATION



UNITITE® PRIME PROSTHETIC SEQUENCE

DIRECT SEQUENCE ON UNITARY IMPLANT

IMPLANT

CODE	DIAM. (mm)	LENG-TH (mm)
UCM 3585N	3.5	8.5
UCM 3510N	3.5	10
UCM 3511N	3.5	11.5
UCM 3513N	3.5	13
UCM 3515N	3.5	15
UCM 4385N	4.3	8.5
UCM 4310N	4.3	10
UCM 4311N	4.3	11.5
UCM 4313N	4.3	13
UCM 4315N	4.3	15
UCM 5085N	5	8.5
UCM 5010N	5	10
UCM 5011N	5	11.5
UCM 5013N	5	13
UCM 5015N	5	15

TITANIUM HEALING CAP

CODE.	DIAM. (mm)	LENG-TH (mm)
CIMU 3308	3.3	0.8
CIMU 3315	3.3	1.5
CIMU 3325	3.3	2.5
CIMU 3335	3.3	3.5
CIMU 3345	3.3	4.5
CIMU 3355	3.3	5.5
CIMU 4508	4.5	0.8
CIMU 4515	4.5	1.5
CIMU 4525	4.5	2.5
CIMU 4535	4.5	3.5
CIMU 4545	4.5	4.5
CIMU 4555	4.5	5.5

10 N.cm

PEEK HEALING CAP*

CODE	PRO-FILE DIAM. (mm)	LEN-GTH (mm)
CPUP 0504	5	4
CPUP 0804	8	4
CPUP 0508	5	8
CPUP 0808	8	8

OPEN TRAY TRANSFER

CODE
TMAMU

CLOSED TRAY TRANSFER

CODE
TMFMU

ANALOG

CODE
ANMU

20 N.cm

TEMPORARY TITANIUM CYLINDER

CODE	DIAM. (mm)	LENG-TH (mm)
CPTMU 3501-H	3.5	1.0
CPTMU 3502-H	3.5	2.0
CPTMU 3503-H	3.5	3.0
CPTMU 3504-H	3.5	4.0
CPTMU 4501-H	4.5	1.0
CPTMU 4502-H	4.5	2.0
CPTMU 4503-H	4.5	3.0
CPTMU 4504-H	4.5	4.0

20 N.cm

PLASTIC/CO-CR UCLA

CODE	DIAM. (mm)	LENGTH (mm)
EUCLAMU 3501-H	3.8	1
EUCLAMU 3502-H	3.8	2
EUCLAMU 3503-H	3.8	3
EUCLAMU 3504-H	3.8	4
EUCLAMU 4501-H	4.5	1
EUCLAMU 4502-H	4.5	2
EUCLAMU 4503-H	4.5	3
EUCLAMU 4504-H	4.5	4

20 N.cm

RETAINING SCREW

CODE	DIAM. (mm)
PTM 18	1.8

For temporary cylinder

20 N.cm

RETAINING SCREW

CODE	DIAM. (mm)
PTM 1816	1.8

For UCLA

*Hex Screw
*Anti-Rotational Component
* Squared Screw
*Abutment Screw
*Rotational Component

*Check product availability in your country.

UNITITE® PRIME PROSTHETIC SEQUENCE

UNIVERSAL ABUTMENT PRE-MADE POSTS

Cemented retained restorations

20 N.cm

ONE-PIECE STRAIGHT UNIVERSAL ABUTMENT

CODE	DIAM. (mm)	TRANSMUCOSAL LENGTH (mm)	CEMENTATION LENGTH (mm)
AISIT 334008	3.3	0.8	4
AISIT 334015	3.3	1.5	4
AISIT 334025	3.3	2.5	4
AISIT 334035	3.3	3.5	4
AISIT 334045	3.3	4.5	4
AISIT 334055	3.3	5.5	4
AISIT 336008	3.3	0.8	6
AISIT 336015	3.3	1.5	6
AISIT 336025	3.3	2.5	6
AISIT 336035	3.3	3.5	6
AISIT 336045	3.3	4.5	6
AISIT 336055	3.3	5.5	6
AISIT 454008	4.5	0.8	4
AISIT 454015	4.5	1.5	4
AISIT 454025	4.5	2.5	4
AISIT 454035	4.5	3.5	4
AISIT 454045	4.5	4.5	4
AISIT 454055	4.5	5.5	4
AISIT 456008	4.5	0.8	6
AISIT 456015	4.5	1.5	6
AISIT 456025	4.5	2.5	6
AISIT 456035	4.5	3.5	6
AISIT 456045	4.5	4.5	6
AISIT 456055	4.5	5.5	6

10 N.cm

TWO-PIECES STRAIGHT UNIVERSAL ABUTMENT

CODE	DIAM. (mm)	TRANSMUCOSAL LENGTH (mm)	CEMENTATION LENGTH (mm)
APSIT 334008	3.3	0.8	4
APSIT 334015	3.3	1.5	4
APSIT 334025	3.3	2.5	4
APSIT 334035	3.3	3.5	4
APSIT 334045	3.3	4.5	4
APSIT 334055	3.3	5.5	4
APSIT 336008	3.3	0.8	6
APSIT 336015	3.3	1.5	6
APSIT 336025	3.3	2.5	6
APSIT 336035	3.3	3.5	6
APSIT 336045	3.3	4.5	6
APSIT 336055	3.3	5.5	6
APSIT 454008	4.5	0.8	4
APSIT 454015	4.5	1.5	4
APSIT 454025	4.5	2.5	4
APSIT 454035	4.5	3.5	4
APSIT 454045	4.5	4.5	4
APSIT 454055	4.5	5.5	4
APSIT 456008	4.5	0.8	6
APSIT 456015	4.5	1.5	6
APSIT 456025	4.5	2.5	6
APSIT 456035	4.5	3.5	6
APSIT 456045	4.5	4.5	6
APSIT 456055	4.5	5.5	6

* Use hexagonal driver 0.9 mm

IMPLANT

CODE	DIAM. (mm)	LENGTH (mm)
UCM 3585N	3.5	8.5
UCM 3510N	3.5	10
UCM 3511N	3.5	11.5
UCM 3513N	3.5	13
UCM 3515N	3.5	15
UCM 4385N	4.3	8.5
UCM 4310N	4.3	10
UCM 4311N	4.3	11.5
UCM 4313N	4.3	13
UCM 4315N	4.3	15
UCM 5085N	5	8.5
UCM 5010N	5	10
UCM 5011N	5	11.5
UCM 5013N	5	13
UCM 5015N	5	15

TITANIUM HEALING CAP

CODE	DIAM. (mm)	LENGTH (mm)
CIMU 3308	3,3	0,8
CIMU 3315	3,3	1,5
CIMU 3325	3,3	2,5
CIMU 3335	3,3	3,5
CIMU 3345	3,3	4,5
CIMU 3355	3,3	5,5
CIMU 4508	4,5	0,8
CIMU 4515	4,5	1,5
CIMU 4525	4,5	2,5
CIMU 4535	4,5	3,5
CIMU 4545	4,5	4,5
CIMU 4555	4,5	5,5

10 N.cm

PEEK HEALING CAP*

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

10 N.cm

ANGLED UNIVERSAL ABUTMENT

CODE	DIAM. (mm)	HIGHER TRANSMUCOSAL LENGTH (MM)	LOWER TRANSMUCOSAL LENGTH (MM)	CEMENTATION LENGTH (MM)	ANG.
APASIT 341715	3.3	2.6	1.5	4	17°
APASIT 341725	3.3	3.6	2.5	4	17°
APASIT 341735	3.3	4.6	3.5	4	17°
APASIT 343015	3.3	3.15	1.5	4	30°
APASIT 343025	3.3	4.15	2.5	4	30°
APASIT 343035	3.3	5.15	3.5	4	30°
APASIT 361715	3.3	2.6	1.5	6	17°
APASIT 361725	3.3	3.6	2.5	6	17°
APASIT 361735	3.3	4.6	3.5	6	17°
APASIT 363015	3.3	3.15	1.5	6	30°
APASIT 363025	3.3	4.15	2.5	6	30°
APASIT 363035	3.3	5.15	3.5	6	30°
APASIT 441715	4.5	3	1.5	4	17°
APASIT 441725	4.5	4	2.5	4	17°
APASIT 441735	4.5	5	3.5	4	17°
APASIT 443015	4.5	3.75	1.5	4	30°
APASIT 443025	4.5	4.75	2.5	4	30°
APASIT 443035	4.5	5.75	3.5	4	30°
APASIT 461715	4.5	3	1.5	6	17°
APASIT 461725	4.5	4	2.5	6	17°
APASIT 461735	4.5	5	3.5	6	17°
APASIT 463015	4.5	3.75	1.5	6	30°
APASIT 463025	4.5	4.75	2.5	6	30°
APASIT 463035	4.5	5.75	3.5	6	30°

* Use hexagonal driver 0.9 mm

POLYACETAL IMPRESSION TRANSFER

CODE	DIAM. (mm)	LENGTH (mm)
TSIT 3340	3.3	4
TSIT 3360	3.3	6
TSIT 4540	4.5	4
TSIT 4560	4.5	6

ANALOG

CODE	DIAM. (mm)	LENGTH (mm)
ASIT 3340	3.3	4
ASIT 3360	3.3	6
ASIT 4540	4.5	4
ASIT 4560	4.5	6

TEMPORARY ACRYLIC CYLINDER

CODE	DIAM. (mm)	LENGTH (mm)
CPSIT 3340	3.3	4
CPSIT 3360	3.3	6
CPSIT 4540	4.5	4
CPSIT 4560	4.5	6

CALCINABLE POLYACETAL CYLINDER

CODE	DIAM. (mm)	LENGTH (mm)
CCSIT 3340	3.3	4
CCSIT 3360	3.3	6
CCSIT 4540	4.5	4
CCSIT 4560	4.5	6

Scan to see step by step

*Check product availability in your country.

- *Hex Screw
- *Anti-Rotational Component
- * Squared Screw
- *Abutment Screw
- *Rotational Component

UNITITE® PRIME PROSTHETIC SEQUENCE

CONICAL ABUTMENT

Single / Multiple screw retained restorations

IMPLANT

CODE	DIAM. (mm)	LENG-TH (mm)
UCM 3585N	3.5	8.5
UCM 3510N	3.5	10
UCM 3511N	3.5	11.5
UCM 3513N	3.5	13
UCM 3515N	3.5	15
UCM 4385N	4.3	8.5
UCM 4310N	4.3	10
UCM 4311N	4.3	11.5
UCM 4313N	4.3	13
UCM 4315N	4.3	15
UCM 5085N	5	8.5
UCM 5010N	5	10
UCM 5011N	5	11.5
UCM 5013N	5	13
UCM 5015N	5	15

TITANIUM HEALING CAP

CODE	DIAM. (mm)	LENG-TH (mm)
CIMU 3308	3.3	0.8
CIMU 3315	3.3	1.5
CIMU 3325	3.3	2.5
CIMU 3335	3.3	3.5
CIMU 3345	3.3	4.5
CIMU 3355	3.3	5.5
CIMU 4508	4.5	0.8
CIMU 4515	4.5	1.5
CIMU 4525	4.5	2.5
CIMU 4535	4.5	3.5
CIMU 4545	4.5	4.5
CIMU 4555	4.5	5.5

10 N.cm

PEEK HEALING CAP*

CODE	PRO-FILE DIAM. (mm)	LENG-TH (mm)
CPUP 0504	5	4
CPUP 0804	8	4
CPUP 0508	5	8
CPUP 0808	8	8

20 N.cm

CONICAL ABUTMENT

CODE	DIAM. (mm)	LENGTH (mm)
ACMU 4808	4.8	0.8
ACMU 4815	4.8	1.5
ACMU 4825	4.8	2.5
ACMU 4835	4.8	3.5
ACMU 4845	4.8	4.5
ACMU 4855	4.8	5.5

CONICAL ABUTMENT PROTECTOR

CODE
PA 4855

OPEN TRAY TRANSFER

CODE
TMAA 4800
TMAA 4806

CLOSED TRAY TRANSFER

CODE
TMFA 4800
TMFA 4806

ANALOG

CODE
ANAC

10 N.cm

TEMPORARY TITANIUM CYLINDER

CODE	
PTA 4806-3	
PTA 4800-3	

10 N.cm

CALCINABLE CO-CR CYLINDER

CODE	
CPAC 06-3	
CPAC 00-3	
CALE 06-3	Cobalt-chrome
CALE 00-3	Cobalt-chrome

10 N.cm

RETAINING SCREW

CODE	LENGTH (mm)
PRH 30	3.0

POLISHING PROTECTOR

CODE
PPAC 01

LABORATORY SCREW

CODE		
PL 1405	short	
PTMA 13-1	long	

- *Hex Screw
- *Anti-Rotational Component
- * Squared Screw
- *Abutment Screw
- *Rotational Component

*Check product availability in your country.

UNITITE® PRIME PROSTHETIC SEQUENCE

MULTI-UNIT ABUTMENTS

Multiple screw retained restorations

IMPLANT

CODE	DIAM. (mm)	LENG-TH (mm)
UCM 3585N	3.5	8.5
UCM 3510N	3.5	10
UCM 3511N	3.5	11.5
UCM 3513N	3.5	13
UCM 3515N	3.5	15
UCM 4385N	4.3	8.5
UCM 4310N	4.3	10
UCM 4311N	4.3	11.5
UCM 4313N	4.3	13
UCM 4315N	4.3	15
UCM 5085N	5	8.5
UCM 5010N	5	10
UCM 5011N	5	11.5
UCM 5013N	5	13
UCM 5015N	5	15

TITANIUM HEALING CAP

CODE	DIAM. (mm)	LENG-TH (mm)
CIMU 3308	3.3	0.8
CIMU 3315	3.3	1.5
CIMU 3325	3.3	2.5
CIMU 3335	3.3	3.5
CIMU 3345	3.3	4.5
CIMU 3355	3.3	5.5
CIMU 4508	4.5	0.8
CIMU 4515	4.5	1.5
CIMU 4525	4.5	2.5
CIMU 4535	4.5	3.5
CIMU 4545	4.5	4.5
CIMU 4555	4.5	5.5

10 N.cm

PEEK HEALING CAP*

CODE	PRO-FILE DIAM. (mm)	LENG-TH (mm)
CPUP 0504	5	4
CPUP 0804	8	4
CPUP 0508	5	8
CPUP 0808	8	8

20 N.cm

STRAIGHT MULTI-UNIT ABUTMENT

CODE	DIAM. (mm)	LENGTH (mm)
MAMU 4808	4.8	0.8
MAMU 4815	4.8	1.5
MAMU 4825	4.8	2.5
MAMU 4835	4.8	3.5
MAMU 4845	4.8	4.5
MAMU 4855	4.8	5.5

15 N.cm

ANGLED MULTI-UNIT ABUTMENT

CODE	DIAM. (mm)	LENGTH (mm)	ANG.
MAMA 1715	4.8	1.5	17°
MAMA 1725	4.8	2.5	17°
MAMA 1735	4.8	3.5	17°
MAMA 3015	4.8	1.5	30°
MAMA 3025	4.8	2.5	30°
MAMA 3035	4.8	3.5	30°

Use hexagonal driver 0.9 mm

20 N.cm

MICRO MULTI-UNIT ABUTMENT

CODE	DIAM. (mm)	LENGTH (mm)
MMAM 3308	3.5	0.8
MMAM 3315	3.5	1.5
MMAM 3325	3.5	2.5
MMAM 3335	3.5	3.5
MMAM 3345	3.5	4.5

ABUTMENT PROTECTOR

CODE

PMA 4855

OPEN TRAY TRANSFER

CODE

TMAM 4800

CLOSED TRAY TRANSFER

CODE

TMFM 4800

ANALOG

CODE

ANMA 4800

10 N.cm

TEMPORARY CYLINDER

CODE	
PTM 4800-2	For angled multi-unit
PTM 4800-3	For straight multi-unit

10 N.cm

CALCINABLE CO-CR CYLINDER

CODE	
CPM 4800-2	For angled multi-unit
CPM 4800-3	For straight multi-unit
CLEM 4800-2	Cobalt-chrome/ For angled 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

CODE	LENGTH (mm)
PRH 20	2
PRH 30	3

ABUTMENT PROTECTOR

CODE

PMM 33

OPEN TRAY TRANSFER

CODE

TMM 33

ANALOG

CODE

AMMA 33

10 N.cm

TEMPORARY TITANIUM CYLINDER

CODE

CPMT 33

10 N.cm

CALCINABLE CO-CR CYLINDER

CODE

CPMC 33

CPMM 33 Cobalt-chrome

LABORATORY SCREW

CODE

PTMMA14

10 N.cm

RETAINING SCREW

CODE

PRH 3035

POLISHING PROTECTOR

CODE

PPMM 33

Scan to see step by step

*Check product availability in your country.

*Hex Screw

*Anti-Rotational Component

* Squared Screw

*Abutment Screw

*Rotational Component

UNITITE® PRIME PROSTHETIC SEQUENCE

OVERDENTURE SOLUTIONS

Multi-Unit + Bar-Clip restorations

IMPLANT

CODE	DIAM. (mm)	LENG-TH (mm)
UCM 3585N	3.5	8.5
UCM 3510N	3.5	10
UCM 3511N	3.5	11.5
UCM 3513N	3.5	13
UCM 3515N	3.5	15
UCM 4385N	4.3	8.5
UCM 4310N	4.3	10
UCM 4311N	4.3	11.5
UCM 4313N	4.3	13
UCM 4315N	4.3	15
UCM 5085N	5	8.5
UCM 5010N	5	10
UCM 5011N	5	11.5
UCM 5013N	5	13
UCM 5015N	5	15

TITANIUM HEALING CAP

CODE	DIAM. (mm)	LENG-TH (mm)
CIMU 3308	3.3	0.8
CIMU 3315	3.3	1.5
CIMU 3325	3.3	2.5
CIMU 3335	3.3	3.5
CIMU 3345	3.3	4.5
CIMU 3355	3.3	5.5
CIMU 4508	4.5	0.8
CIMU 4515	4.5	1.5
CIMU 4525	4.5	2.5
CIMU 4535	4.5	3.5
CIMU 4545	4.5	4.5
CIMU 4555	4.5	5.5

10 N.cm

PEEK HEALING CAP*

CODE	PRO-FILE DIAM. (mm)	LENG-TH (mm)
CPUP 0504	5	4
CPUP 0804	8	4
CPUP 0508	5	8
CPUP 0808	8	8

20 N.cm

STRAIGHT MULTI-UNIT ABUTMENT

CODE	DIAM. (mm)	LENG-TH (mm)
MAMU 4808	4.8	0.8
MAMU 4815	4.8	1.5
MAMU 4825	4.8	2.5
MAMU 4835	4.8	3.5
MAMU 4845	4.8	4.5
MAMU 4855	4.8	5.5

15 N.cm

ANGLED MULTI-UNIT ABUTMENT

CODE	DIAM. (mm)	LENG-TH (mm)	ANG.
MAMA 1715	4.8	1.5	17°
MAMA 1725	4.8	2.5	17°
MAMA 1735	4.8	3.5	17°
MAMA 3015	4.8	1.5	30°
MAMA 3025	4.8	2.5	30°
MAMA 3035	4.8	3.5	30°

Use hexagonal driver 0.9 mm

ABUTMENT PROTECTOR

CODE
PMA 4855

OPEN TRAY TRANSFER

CODE
TMAM 4800

CLOSED TRAY TRANSFER

CODE
TMFM 4800

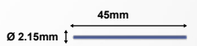
ANALOG

CODE
ANMA 4800

10 N.cm

CALCINABLE CO-CR CYLINDER

CODE	
CLEM 4800-2	Cobalt-chrome For angled multi-unit
CLEM 4800-3	Cobalt-chrome For straight multi-unit
CPM 4800-2	Plastic For angled multiunit
CPM 4800-3	Plastic For straight multi-unit



OVERDENTURE BAR

CODE
FO 01
Poliacetal

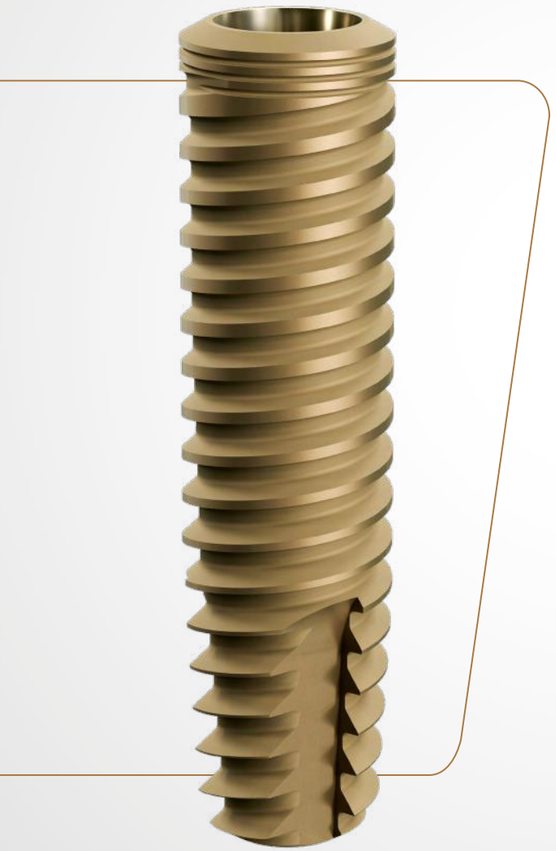
PLASTIC CLIP

CODE
CLIPP

*Hex Screw
*Anti-Rotational Component
* Squared Screw
*Abutment Screw
*Rotational Component

*Check product availability in your country.

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.

> Indicated for all type of bones
> Recommended 1.5 mm infra-bone installation.
> Speed of the initial drills: 1,200 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

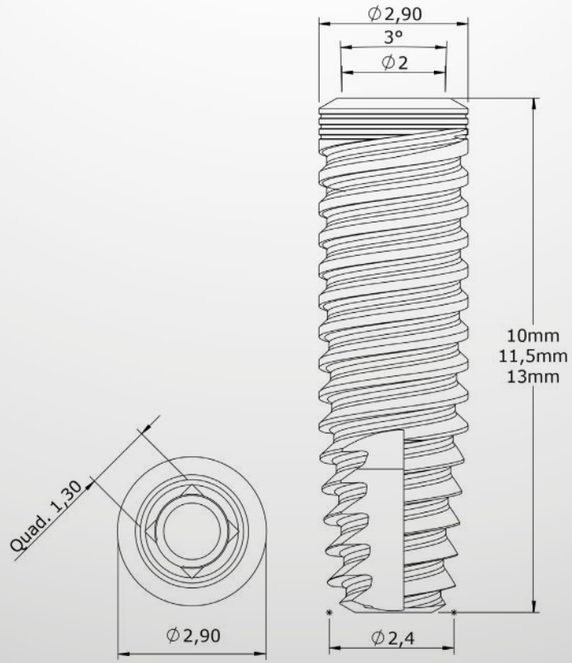
Scan to see step by step

		1.200 RPM		800 RPM	20 RPM
					
	PLAT. (mm)	FRLD 2005 Ø 2.0	FHCD 2015 Ø 2.0	FUM 2915 Ø 2.7	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



UNITITE® SLIM PROSTHETIC SEQUENCE

UNIVERSAL ABUTMENT - PRE-MADE POSTS

Cemented unitary retained restorations

IMPLANT

CODE	DIAM. (mm)	LENG-TH (mm)
UCMS 2910N	2.9	10
UCMS 2911N	2.9	11.5
UCMS 2913N	2.9	13

TITANIUM HEALING CAP

CODE	DIAM. (mm)	LENG-TH (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	PRO-FILE DIAM. (mm)	LENG-TH (mm)
CPUS 0404	4	4
CPUS 0408	4	8

15 N.cm

STRAIGHT UNIVERSAL ABUTMENT

CÓD.	DIAM. (mm)	TRANSMUCO-SAL LENGTH (mm)	CEMENTA-TION 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

POLYACETAL IMPRESSION TRANSFER

CODE	DIAM. (mm)	LENG-TH (mm)
TSIT 3340	3.3	4
TSIT 3360	3.3	6

ANALOG

CODE	DIAM. (mm)	LENG-TH (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)	LENG-TH (mm)
CCSIT 3340	3.3	4
CCSIT 3360	3.3	6

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

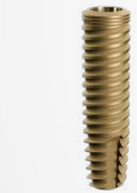
*Check product availability in your country.

*Hex Screw
*Anti-Rotational Component
* Squared Screw
*Abutment Screw
*Rotational Component

UNITITE® SLIM PROSTHETIC SEQUENCE

MICRO MULTI-UNIT ABUTMENT

Multiple screw retained restorations



IMPLANT

CODE	DIAM. (mm)	LENG-TH (mm)
UCMS 2910N	2.9	10
UCMS 2911N	2.9	11.5
UCMS 2913N	2.9	13

TITANIUM HEALING CAP

CODE	DIAM. (mm)	LENG-TH (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	PRO-FILE DIAM. (mm)	LENG-TH (mm)
CPUS 0404	4	4
CPUS 0408	4	8

15 N.cm

MICRO MULTI-UNIT ABUTMENT

CODE	DIAM. (mm)	TRANSMUCO-SAL 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

OPEN TRAY TRANSFER

CODE

TMM 33

ANALOG

CODE

AMMA 33

10 N.cm

TEMPORARY CYLINDER

CODE

CPMT 33

10 N.cm

CALCINABLE CO-CR CYLINDER

CODE

CPMC 33	Plastic
CPMM 33	Cobalt--chrome

10 N.cm

RETAINING SCREW

CODE	LENGTH
PRH 3035	1.4

LABORATORY SCREW

CODE	LENGTH
PTMMA 14	1.4

POLISHING PROTECTOR

CODE

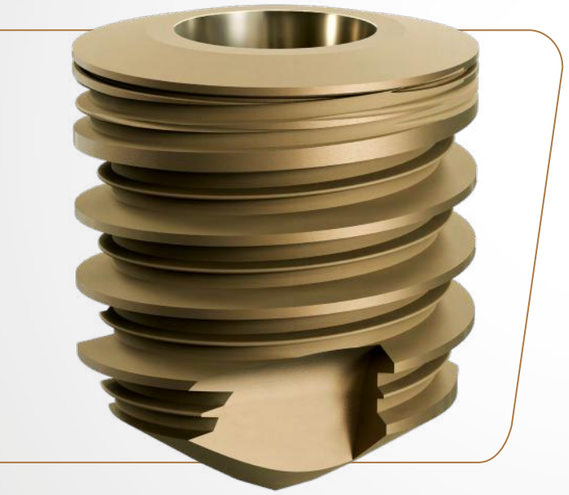
PPMM 33

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.

- *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: 4º internal angle allows excellent prosthetic stability and longevity of the implant.

> Indicated for all type of bones.
> Recommended bone level installation.
> Speed of the initial drills: 1,200 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.

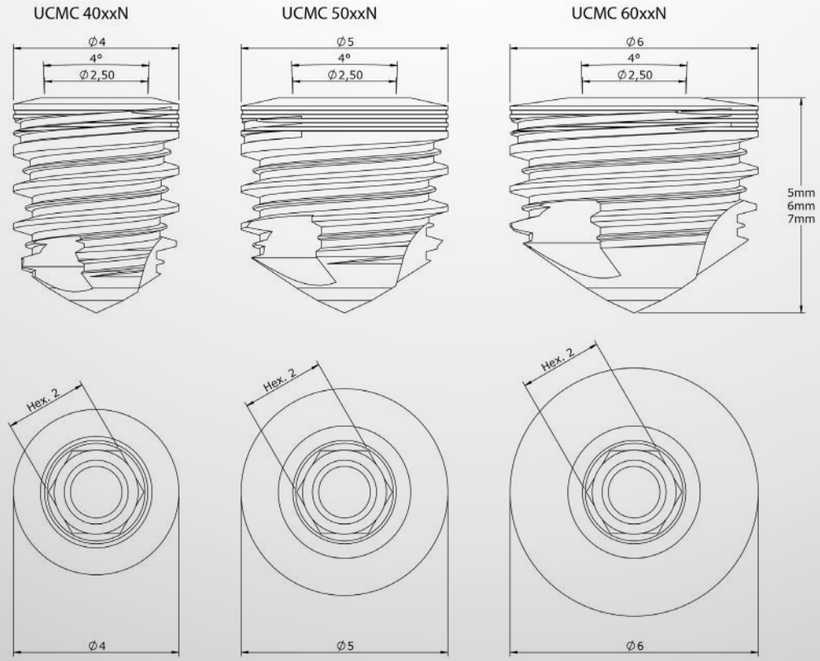
DRILLING SEQUENCE GUIDE

Scan to see step by step

		1.200 RPM		800 RPM					20 RPM		
	PLAT. (mm)	FRLD 2005 ∅ 2.0	FHCD 2015 ∅ 2.0	FUM 2915 ∅ 2.7	FUM 3515 ∅ 3.3	FHCD 3215 ∅ 3.8	FHCD 4215 ∅ 4.8	FHCD 5215 ∅ 5.8	CMRUC 40 ∅ 4.0	CMRUC 50 ∅ 5.0	CMRUC 60 ∅ 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 - PRE-MADE POSTS

Cemented retained restorations

IMPLANT

CODE	DIAM. (mm)	LENG-TH (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)	LENG-TH (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)	LENG-TH (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)	CEMENTA-TION 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)	LENG-TH (mm)
TSIT 4540	4.5	4
TSIT 4560	4.5	6

ANALOG

CODE	DIAM. (mm)	LENG-TH (mm)
ASIT 4540	4.5	4
ASIT 4560	4.5	6

CALCINABLE POLYACETAL CYLINDER

CODE	DIAM. (mm)	LENG-TH (mm)
CPSIT 4540	4.5	4
CPSIT 4560	4.5	6

TEMPORARY ACRYLIC CYLINDER

CODE	DIAM. (mm)	LENG-TH (mm)
CCSIT 4540	4.5	4
CCSIT 4560	4.5	6

UNITITE COMPACT

*Hex Screw
*Anti-Rotational Component
* Squared Screw
*Abutment Screw
*Rotational Component

*Check product availability in your country.

UNITITE® COMPACT PROSTHETIC SEQUENCE

MULTI-UNIT ABUTMENT

Multiple screw retained restorations

IMPLANT

CODE	DIAM. (mm)	LENG-TH (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)	LENG-TH (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)	LENG-TH (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

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

CODE	LENGTH (mm)
PRH 30	3

UNITITE COMPACT

⬢ *Hex Screw

⬡ *Anti-Rotational Component

■ * Squared Screw

⬡ *Abutment Screw

⬡ *Rotational Component

*Check product availability in your country.

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.

Reduced number of drills required for osteotomy.

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

Ratchet wrench with torque meter. Bidigital key included.

Inclined tray for easy viewing during the surgical procedure.

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

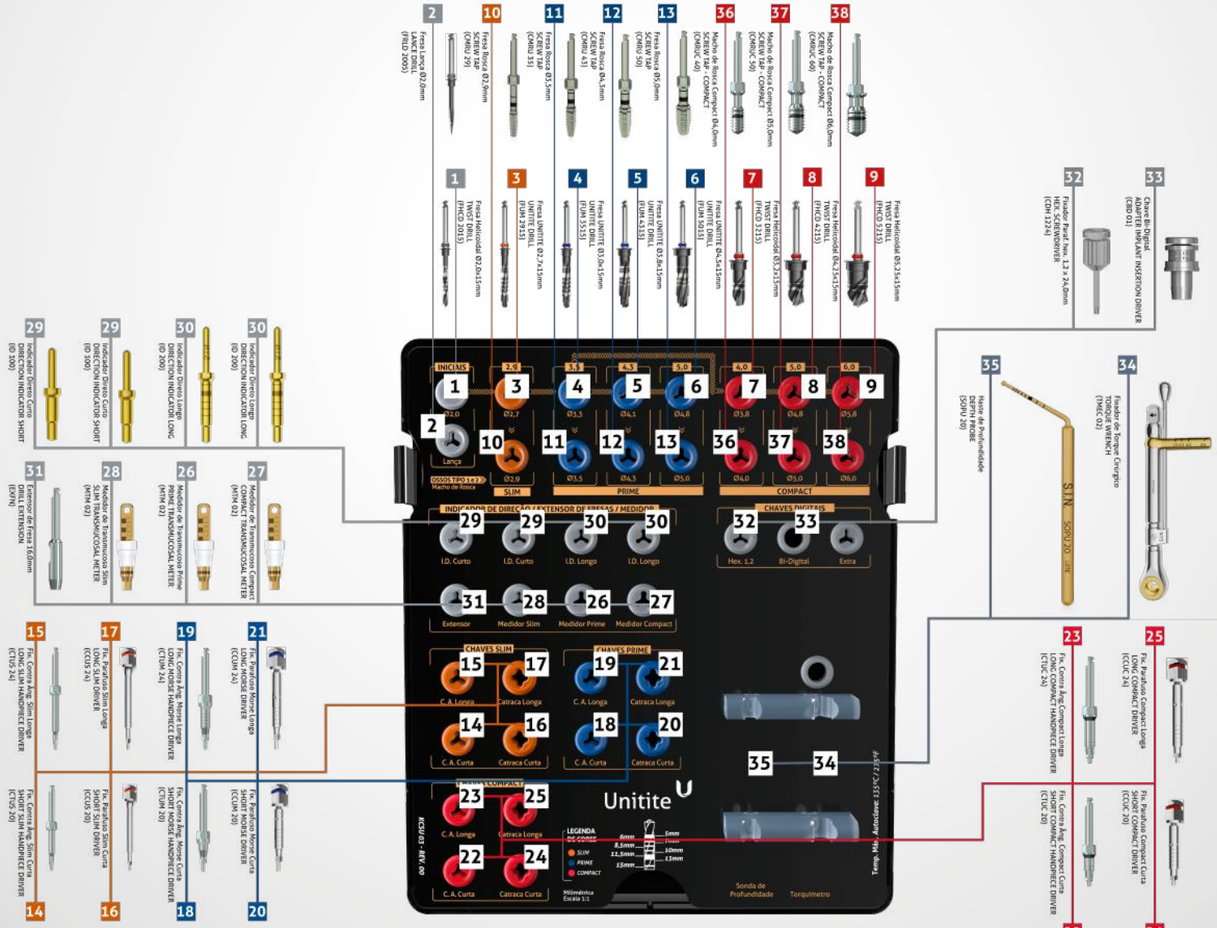
Ease of clinical use through color-coding.

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

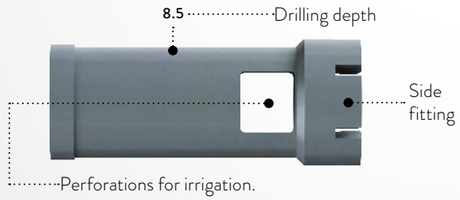
UNITITE® SURGICAL KIT



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

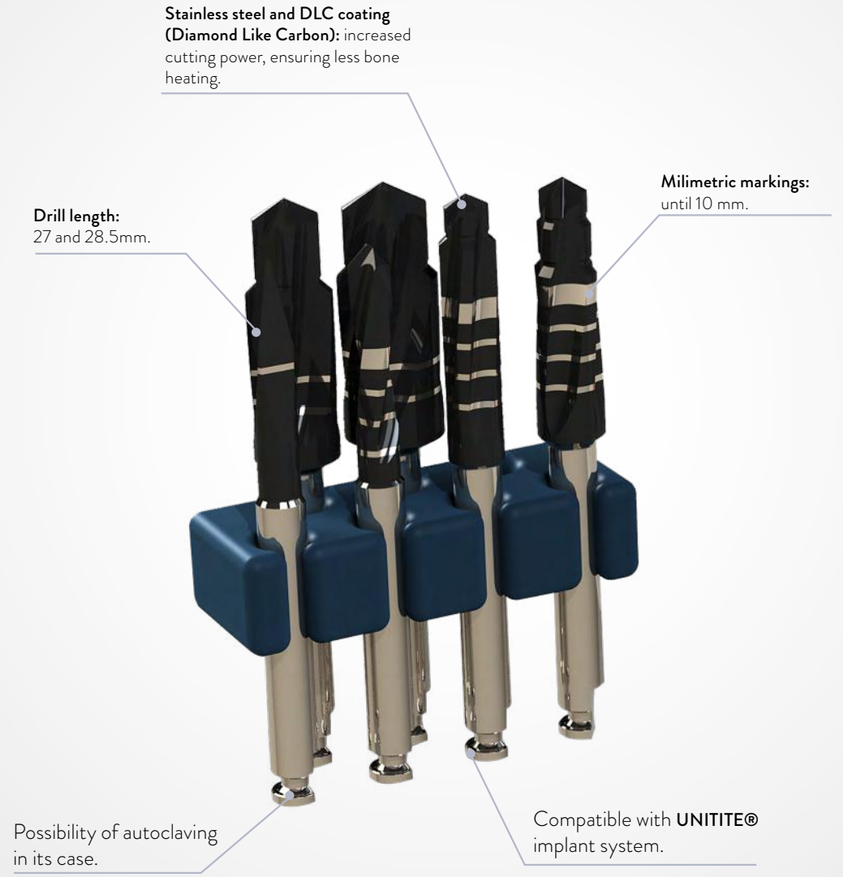
CODE	DESCRIPTION
COUSD 02	SAFE DRILL ORGANIZING BOX
LSDD 2005	SAFE DRILL STOPPER ø 2.00/ ø 2.70 x 5.0 mm
LSDD 2006	SAFE DRILL STOPPER ø 2.00/ ø 2.70 x 6.0 mm
LSDD 2007	SAFE DRILL STOPPER ø 2.00/ ø 2.70 x 7.0 mm
LSDD 2085	SAFE DRILL STOPPER ø 2.00/ ø 2.70 x 8.5 mm
LSDD 2010	SAFE DRILL STOPPER ø 2.00/ 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

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.

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

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

*except for Unitite Compact (diameters 5 and 6mm)

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

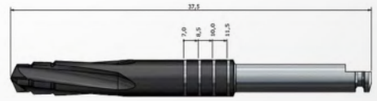
> Greater range of options according to the clinical case.

Standard drill cutter: 42.5mm

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

Short Drills: 37.5mm

> 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.

01 EXTRATOR DE MUCOSA Ø2.9mm
Tissue Punch
(EM 29)

02 EXTRATOR DE MUCOSA Ø3.5mm
Tissue Punch
(EM 35U)

03 EXTRATOR DE MUCOSA Ø4.5mm
Tissue Punch
(EM 45)

04 FRESA PLANA Ø2.9mm
Counterbore
(FPG 29)

05 FRESA PLANA Ø3.5mm
Counterbore
(FPG 35U)

06 FRESA PLANA Ø4.5mm
Counterbore
(FPG 43)

07 FRESA HELICOIDAL Ø2.0mm
Twist Drill
(FHCDG 20)

08 FRESA HELICOIDAL CURTA Ø2.0mm
Short Twist Drill
(FHCDG 20C)

09 FRESA Ø2.7mm
Drill
(FJMG 29)

10 FRESA CURTA Ø2.7mm
Short Drill
(FJMG 29C)

11 FRESA Ø3.5mm
Drill
(FJMG 35)

12 FRESA CURTA Ø3.5mm
Short Drill
(FJMG 35C)

13 FRESA Ø4.1
Drill
(FJMG 43)

14 FRESA CURTA Ø4.1
Short Drill
(FJMG 43C)

15 FRESA HELICOIDAL Ø3.8mm
Twist Drill
(FHCDG 40)

16 FRESA ROSCA Ø2.9mm
Screw Tap
(CMRUG 29)

17 FRESA ROSCA Ø3.5mm
Screw Tap
(CMRUG 35)

18 FRESA ROSCA Ø3.5mm
Screw Tap
(CMRUG 35E)

19 FRESA ROSCA Ø4.5mm
Screw Tap
(CMRUG 43)

20 FRESA ROSCA COMPACT Ø4.0mm
Screw Tap
(CMRUCG 40)

21 FRESA HELICOIDAL Ø1.1mm
Twist Drill
(HDC 13)

22 FIXADOR GUIA CIRURGICO Ø1.4X20mm
Anchor Pin
(FGC 14)

23 CHAVE CM PRIME H5.0
Prime Morse Driver
(CTUCM 50)

24 CHAVE CM PRIME H6.5
Prime Morse Driver
(CTUCM 65)

25 CHAVE CM PRIME ESTREITA H5.0
Narrow Prime Morse Driver
(CTUCM 50E)

26 CHAVE CM PRIME ESTREITA H6.5
Narrow Prime Morse Driver
(CTUCM 65E)

27 CHAVE CM SLIM H5.0
Slim Morse Driver
(CTUCMS 50)

28 CHAVE CM SLIM H6.5
Slim Morse Driver
(CTUCMS 65)

29 CHAVE CM COMPACT H5.0
Compact Morse Driver
(CTUCMC 50)

30 CONECTOR P/ CHAVE
Key Connector
(CAT)

31 CONECTOR P/ CHAVE LONGO
Long Key Connector
(CAT L)

32 CONECTOR ESTREITO P/ CHAVE
Narrow Key Connector
(CAT E)

33 CONECTOR ESTREITO P/ CHAVE LONGO
Narrow Long Key Connector
(CAT L E)

34 SONDA DE PROFUNDIDADE
Depth Probe
(SPGD)

35 GUIA DE FRESA Ø3.50 / Ø3.80mm
Drill Handle
(GF 3538)

36 GUIA DE FRESA Ø3.30 / Ø4.10mm
Drill Handle
(GF 3344)

37 GUIA DE FRESA Ø3.50/Ø3.50mm ESTREITO
Drill Handle
(GFU 3335E)

38 GUIA DE FRESA Ø2.00 / Ø2.70mm SLIM
Drill Handle
(GFU 2027S)

39 GUIA DE FRESA Ø2.00/Ø2.70mm ESTREITO
Drill Handle
(GFU 2027E)

40 GUIA DE FRESA Ø2.00 / Ø2.70mm
Drill Handle
(GF 2027)

41 GUIA DE FRESA Ø4.00 / Ø4.30mm
Drill Handle
(GF 4043)

42 FIXADOR DE TORQUE DE HASTE CIRURGICO
Torque Wrench
(TMECC 05)

43 FIXADOR PARAF. HEX. 1.2X24
Hex. Screwdriver
(CDH 1224)

44 LIMIT. SAFE DRILL Ø2.0/Ø2.7x5.0mm
Safe Drill Stopper
(LSDCD 2005)

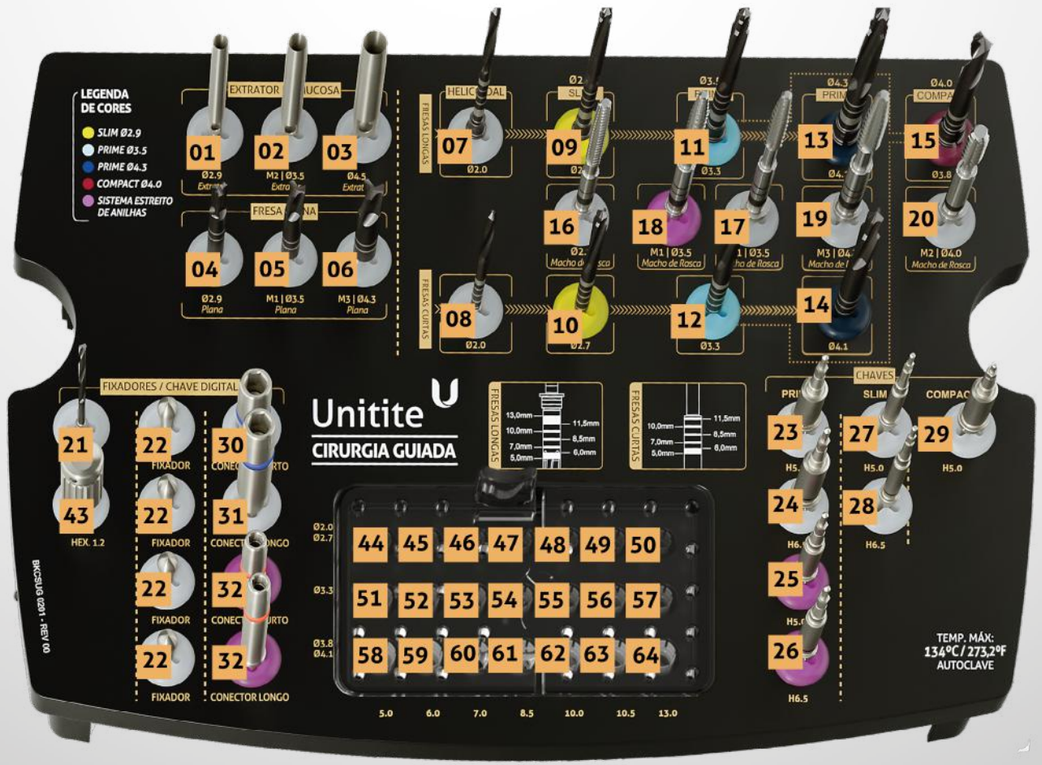
45 LIMIT. SAFE DRILL Ø2.0/Ø2.7x6.0mm
Safe Drill Stopper
(LSDCD 2006)

46 LIMIT. SAFE DRILL Ø2.0/Ø2.7x7.0mm
Safe Drill Stopper
(LSDCD 2007)

47 LIMIT. SAFE DRILL Ø2.0/Ø2.7x8.5mm
Safe Drill Stopper
(LSDCD 2085)

48 LIMIT. SAFE DRILL Ø2.0/Ø2.7x10.0mm
Safe Drill Stopper
(LSDCD 2010)

49 LIMIT. SAFE DRILL Ø2.0/Ø2.7x11.5mm
Safe Drill Stopper
(LSDCD 2011)



64 LIMIT. SAFE DRILL Ø3.8/Ø4.25x13.0mm
Safe Drill Stopper
(LSDGD 3813)

63 LIMIT. SAFE DRILL Ø3.8/Ø4.25x11.5mm
Safe Drill Stopper
(LSDGD 3811)

62 LIMIT. SAFE DRILL Ø3.8/Ø4.25x10.0mm
Safe Drill Stopper
(LSDGD 3810)

61 LIMIT. SAFE DRILL Ø3.8/Ø4.25x8.5mm
Safe Drill Stopper
(LSDGD 3885)

60 LIMIT. SAFE DRILL Ø3.8/Ø4.25x7.0mm
Safe Drill Stopper
(LSDGD 3807C)

59 LIMIT. SAFE DRILL Ø3.8/Ø4.25x6.0mm
Safe Drill Stopper
(LSDGD 3806C)

58 LIMIT. SAFE DRILL Ø3.8/Ø4.25x5.0mm
Safe Drill Stopper
(LSDGD 3805C)

57 LIMIT. SAFE DRILL Ø3.0/Ø3.3x13.mm0mm
Safe Drill Stopper
(LSDGD 3013)

56 LIMIT. SAFE DRILL Ø3.0/Ø3.3x11.5mm
Safe Drill Stopper
(LSDGD 3011)

55 LIMIT. SAFE DRILL Ø3.0/Ø3.3x10.0mm
Safe Drill Stopper
(LSDGD 3010)

54 LIMIT. SAFE DRILL Ø3.0/Ø3.3x8.5mm
Safe Drill Stopper
(LSDGD 3085)

53 LIMIT. SAFE DRILL Ø3.0/Ø3.3x7.0mm
Safe Drill Stopper
(LSDGD 3007)

52 LIMIT. SAFE DRILL Ø3.0/Ø3.3x6.0mm
Safe Drill Stopper
(LSDGD 3006)

51 LIMIT. SAFE DRILL Ø3.0/Ø3.3x5.0mm
Safe Drill Stopper
(LSDGD 3005)

50 LIMIT. SAFE DRILL Ø2.0/Ø2.7x13.0mm
Safe Drill Stopper
(LSDGD 2013)

PROSTHETIC KIT

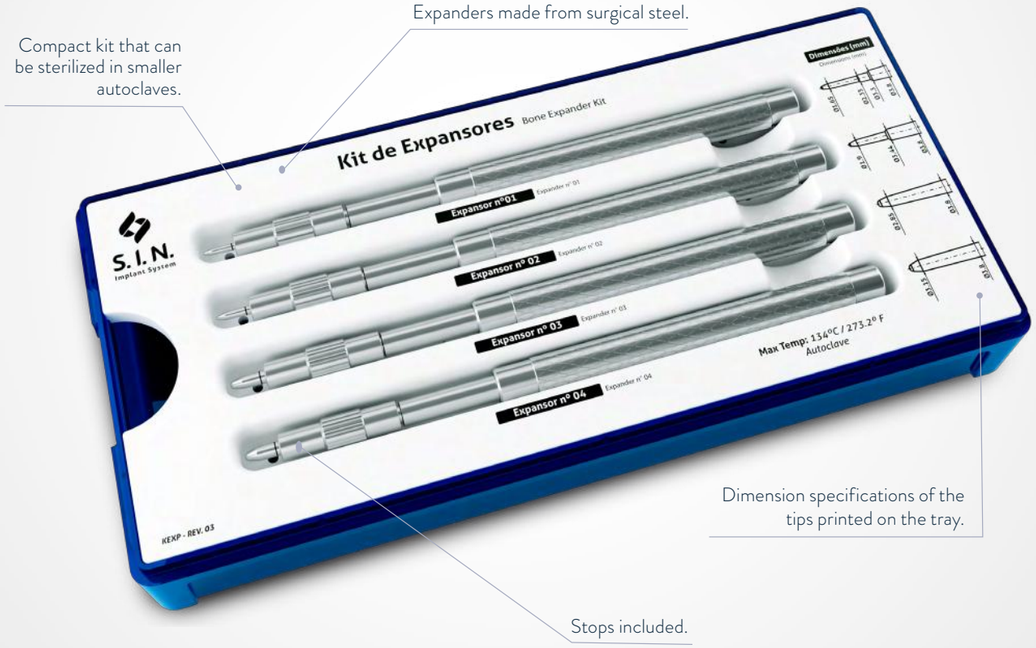
FUNCTIONAL, PRACTICAL AND COMPACT.

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.

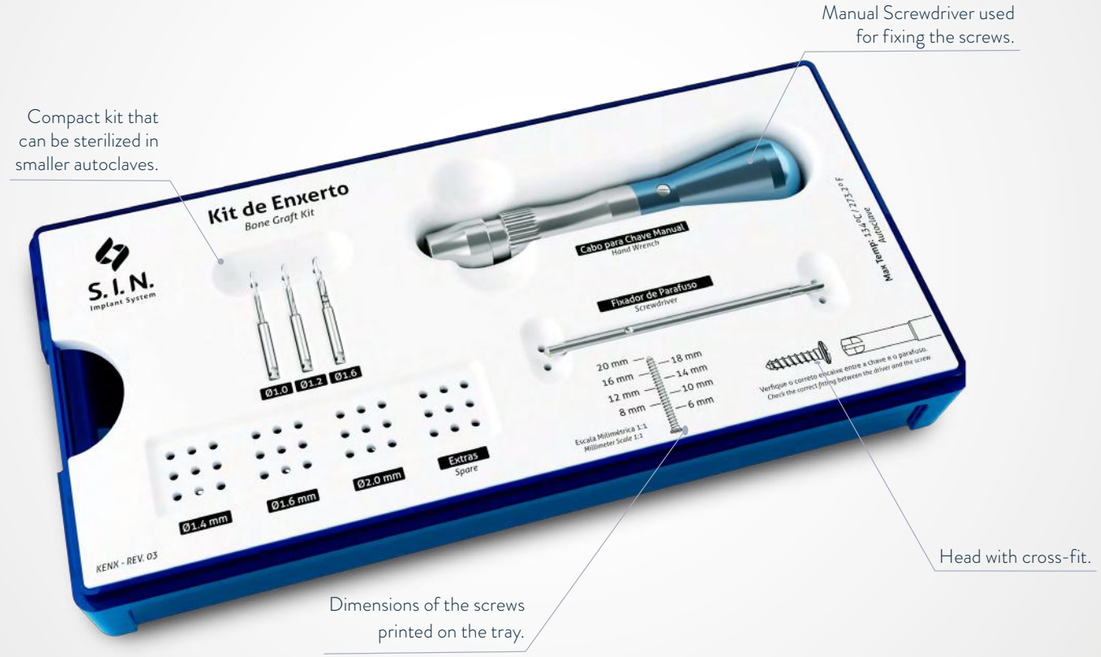


CODE: KEXP

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 key with a cross-fit, in order to give more precision when making use of the screws.



CODE: KENX

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

CODE	DESCRIPTION
CRT 01	Curette 01
CRT 02	Curette 02
CRT 03	Curette 03
CRT 04	Curette 04
CRT 05	Curette 05
C0LEV	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

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.

Expanders made of titanium.

Drills and keys made from surgical steel.

Compact kit that can be sterilized in smaller autoclaves.

CODE: KER

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.

Manual Screwdriver used for fixing the screws.

Cross head manual screw driver.

Screws dimensions specifications printed on the tray.

Compact format that facilitates sterilization in smaller autoclaves.

CODE: KOR

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 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 (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 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

SELF-DRILLING WITH SHORT TRANSMUCOSAL PROFILE (1MM) CROSS HEAD

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

COMPLEMENTARY KITS INSTRUMENTAL

DIGITAL SCREWDRIVERS

ITEM	CODE	DESCRIPTION	LENGTH	INDICATION
	CDA 20	ABUTMENT SCREWDRIVER 20,0MM	SHORT	Used to set the mini-abutment and conical abutment screw
	CDA 24	ABUTMENT SCREWDRIVER 24,0MM	LONG	Used to set the mini-abutment and conical abutment screw
	CDH 0920	HEXAGONAL DIGITAL SCREWDRIVER 20,0MM	SHORT	Used to set the implant cover screw. 0.9mm tip
	CDH 0924	HEXAGONAL DIGITAL SCREWDRIVER 24,0MM	LONG	Used to set the implant cover screw. 0.9mm tip
	CDH 1220	HEXAGONAL DIGITAL SCREWDRIVER 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 SCREWDRIVER 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 SCREWDRIVER 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 SCREWDRIVER 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 SCREWDRIVER 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 SCREWDRIVER 20.0MM	SHORT	Used to set the square-fit retaining screws (PTQ 2008, PTQH 18 and PTQ 2006). 1.3mm tip
	CDQ 1224	SQUARE DIGITAL SCREWDRIVER 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 SCREWDRIVER 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. SCREWDRIVER 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. SCREWDRIVER 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 SCREWDRIVER	SHORT	Used to remove 1.6mm Cone Morse Strong SW provisional cylinder
	CRC 18	PROVISIONAL CYLINDER REMOVAL SCREWDRIVER	SHORT	Used to remove the 1.8 mm Cone Morse Strong SW provisional cylinder

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.

BONE PROFILING DRILLS

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

CONTRA-ANGLE SCREWDRIVER

ITEM	CODE	DESCRIPTION	LENGTH	INDICATION
	CTA 1224	ABUTMENT TORQUE SCREWDRIVER 24,0MM	LONG	Used to set the mini-abutment and conical abutment screw
	CTH 0924	COUNTER-ANGLE HEXAGONAL TORQUE SCREWDRIVER 24,0MM	LONG	Used to set the cover screw. 0.9mm tip
	CTH 1220	COUNTER-ANGLE HEXAGONAL TORQUE SCREWDRIVER 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 SCREWDRIVER 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 SCREWDRIVER 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 SCREWDRIVER 20,0MM	SHORT	Used to set the angular mini-abutment screw 1.2mm hexagonal tip (except for the Unitite angular mini-abutment).
	CTHA 1224	ANGULAR MINI-ABUTMENT COUNTER-ANGLE HEXAGONAL TORQUE SCREWDRIVER 24,0MM	LONG	Used to set the angular mini-abutment screw 1.2mm hexagonal tip (except for the Unitite angular mini-abutment).
	CTQ 20	SQUARE TORQUE SCREWDRIVER 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 SCREWDRIVER 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 SCREWDRIVER 30,0MM	EXTRA LONG	Used counter-angle to set square-fit retaining screws (PTQ 2008, PTQH 18 and PTQ 2006). 1.3mm tip

HELICAL DRILLS

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 DRILLS

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	

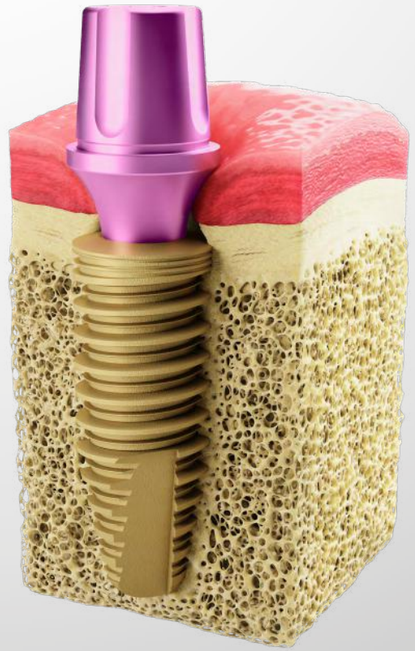
S.I.N. ORIGINAL COMPONENTS

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.

ORIGINAL COMPONENTS • S.I.N. IMPLANT SYSTEM •



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.

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 of detergent solution and rinse with tap water for 1 minute.

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 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.

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

Never stack objects or other cases.

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 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 inverter stem back on.

› 01

Remove the ratchet.

› 02

Rotate the fastening nut in a counter-clockwise direction.

› 03

Remove the central axle.

› 04

Remove the stem torque graduation.

› 05

Begin the washing procedure.

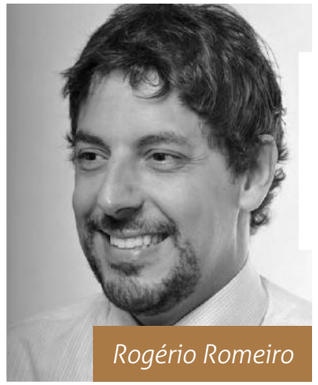
› 06

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.



Rogério Romeiro

“THE UNITITE® LINE HAD GREAT VERSATILITY TO MY CLINICAL ROUTINE. AN IMPLANT PREPARED FOR EARLY ACTIVATION THAT ALLOWS IMMEDIATE LOADING AND IMPROVES MY SUCCESS INDEX IN CHALLENGING CLINICAL SITUATIONS.”

Doctor and Master in Implantology, Doctor in Oral Biopathology, Coordinator of the Specialization in Implantology courses at the Faculty of Pindamonhangaba / SP, Uningá / SC, Funorte / Guarulhos, SP and Estacio de Sá University / São José dos Campos / SP

“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

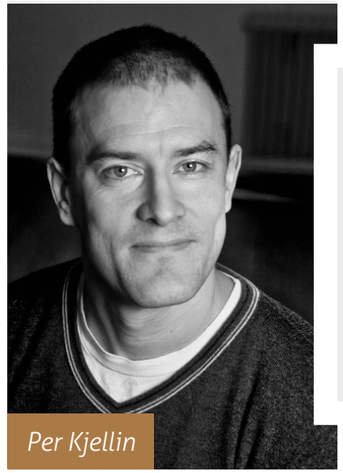
“OUR RESEARCH GROUP HAS WORKED WITH THE HANANO® SURFACE FOR OVER 10 YEARS. UNTIL NOW THIS RESEARCH HAS RESULTED IN TWO DOCTORAL THESES AND ANOTHER ONE IS IN PROGRESS. OUR EXPERIMENTAL RESULTS IN 17 IN VIVO STUDIES, MOSTLY ON RABBITS, USUALLY SHOWS AN IMPROVED BONE RESPONSE FOR THE TITANIUM WITH THE HANANO®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

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

Bezerra F, Pessoa RS, Zambuzzi WF. Carregamento funcional imediato ou precoce de implants com câmara de cicatrização e nano-superfície: estudo clínico prospectivo longitudinal. Innov Implant J, Biomater Esthet. 2015;9(2/3):13-7

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

Bezerra F, Ribeiro EDP, Bittencourt S, Lenharo A. Influência da experiência do operador na estabilidade primária de implants com diferentes macro-geometrias – estudo in vitro. Int J Dent 2010; 9(2):63-67

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]

Campos FEB, Jimbo R, Bonfante EA, Oliveira MTF, Moura C, Barbosa DZ, Coelho PG. Drilling dimension effects in early stages of osseointegration and implant stability in a canine model. Med Oral Patol Oral Cir Bucal. 2015 Apr 10. [Epub ahead of print]

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

Bezerra F, Pessoa RS, Zambuzzi WF. Carregamento funcional imediato ou precoce de implants com câmara de cicatrização e nano-superfície: estudo clínico prospectivo longitudinal. Innov Implant J, Biomater Esthet. 2015;9(2/3):13-7

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

Bezerra F, Ribeiro EDP, Bittencourt S, Lenharo A. Influência da experiência do operador na estabilidade primária de implants com diferentes macro-geometrias – estudo in vitro. Int J Dent 2010; 9(2):63-67

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]

Campos FEB, Jimbo R, Bonfante EA, Oliveira MTF, Moura C, Barbosa DZ, Coelho PG. Drilling dimension effects in early stages of osseointegration and implant stability in a canine model. Med Oral Patol Oral Cir Bucal. 2015 Apr 10. [Epub ahead of print]

Coelho PG, Marin C, Granato R, Bonfante EA, Lima CP, Oliveira S, Ehrenfest DMD, Suzuki M. Alveolar Buccal Bone Maintenance After Immediate Implantation with a Surgical Flap Approach: A Study in Dogs. The International Journal of Periodontics & Restorative Dentistry 2011;31:e80–e86

Coelho PG, Granjeiro JM, Romanos GE, Suzuki M, Silva NR, Cardaropoli G, et al. Basic research methods and current trends of dental implant surfaces. J Biomed Mater Res B Appl Biomater. 2009;88(2):579-96.

Coelho PG, Jimbo R. Osseointegration of metallic devices: current trends based on implant hardware design. Archives of biochemistry and biophysics. 2014;561:99-108

Coelho PG, Jimbo R, Tovar N, Bonfante EA. Osseointegration: hierarchical designing encompassing the macrometer, micrometer, and nanometer length scales. Dent Mater. 2015;31(1):37-52

Ehrenfest DMD, Coelho PG, Kang BS, Sul YT, Albrektsson T. Classification of osseointegrated implant surfaces: materials, chemistry and topography. Trends in Biotechnology 2009; 198-206

Jimbo R, Coelho PG, Bryington M, Baldassarri M, Tovar N, Currie F, et al. Nano hydroxyapatite-coated implants improve bone nanomechanical properties. J Dent Res. 2012;91(12):1172-7.

Jimbo R, Coelho PG, Bryington M, Baldassarri M, Tovar N, Currie F, et al. Nano hydroxyapatite-coated implants improve bone nanomechanical properties. J Dent Res. 2012;91(12):1172-7

Jimbo R, Sotres J, Johansson C, Breding K, Currie F, Wennerberg A. The biological response to three different nanostructures applied on smooth implant surfaces. Clin Oral Implants Res. 2012;23(6):706-12.

Martins LM, Bonfante EA, Zavanelli RA, Freitas Jr AC, Silva NRFA, Marotta L, et al. Fatigue reliability of three single-unit implant-abutment designs. Implant Dent. 2011; 21: 67-71

Meirelles L, Albrektsson T, Kjellin P, Arvidsson A, Franke-Stenport V, Andersson M, Currie F, Wennerberg A. Bone reaction to nano hydroxyapatite modified titanium implants placed in a gap-healing model. Journal of Biomedical Materials Research A 2008; 625-631

Meirelles L, Albrektsson T, Kjellin P, Arvidsson A, Franke-Stenport V, Andersson M, Currie F, Wennerberg A. Bone reaction to nano hydroxyapatite modified titanium implants placed in a gap-healing model. Journal of Biomedical Materials Research A 2008; 625-631

Meirelles L, Arvidsson A, Andersson M, Jellin P, Albrektsson T, Wennerberg A: Nano hydroxyapatite structures influence early bone formation. J Biomed Mater Res A. 2008 Nov;87(2):299-307

Meirelles L, Currie F, Jacobsson M, Albrektsson T, Wennerberg A. The effect of chemical and nanotopographical modifications on the early stages of osseointegration. Int J Oral Maxillofac Implants 2008;23: 641-647

Meirelles L, Melin L, Peltola T, Kjellin P, Kangasniemi I, Currie F, Andersson M, Albrektsson T, Wennerberg A. Effect of Hydroxyapatite and Titania Nanostructures on Early In Vivo Bone Response. Clinical Implant Dentistry and Related Research 2008; 10(4): 245-254

Meirelles L, Melin L, Peltola T, Kjellin P, Kangasniemi I, Currie F, Andersson M, Albrektsson T, Wennerberg A. Effect of Hydroxyapatite and Titania Nanostructures on Early In Vivo Bone Response. Clinical Implant Dentistry and Related Research 2008; 10(4): 245-254

Pessoa RS, Coelho PG, Muraru L, Marcantonio Jr E, Vaz LG, Sloten JV, Jaecques SVN: Influence of implant design on the biomechanical environment of immediately placed implants: computed tomography-based nonlinear three-dimensional finite element analysis. Int J Oral Maxillofac Implants 2011;26:1279–1287

Pessoa RS, Souza RM, Pereira LM, Neves FD, Jaecques SVN, Sloten JV, Quirynen M, Teughels W, Spin-Neto R. Remodelação óssea de implants com conexão hexágono externo e elementos de retenção no módulo da crista sob carregamento imediato – estudo clínico prospectivo longitudinal de um ano. ImplantNews 2015;12(4):E2-E7

Pessoa RS, Sousa RM, Pereira LM, Silva TD, Bezerra FJB, Spin-Neto R. Avaliação da estabilidade dos tecidos duros e moles em implants imediatos com carga imediata em área estética: estudo clínico. Dental Press Implantol. 2015 Apr-Jun;9(2):100-9

Lenharo A, Granjeiro JM, Leão L, Bezerra F, Oliva MA. Estudo prospectivo longitudinal multicêntrico avaliando o sucesso clínico de uma nova macrogeometria de implants osseointegráveis: acompanhamento de 06 a 12 meses. Revista Fluminense de Odontologia 2010; 34: 43-48

Göransson A, Arvidsson A, Currie F, Franke-Stenport V, Kjellin P, Mustafa K, Sul YT, Wennerberg A. An in vitro comparison of possibly bioactive titanium implant surfaces. Journal of Biomedical Materials Research A 2008; 1037-1047

Shunmugasamy VC, Gupta N, Pessoa RS, Janal MN, Coelho PG. Influence of clinically relevant factors on the immediate biomechanical surrounding for a series of dental implant designs. J Biomech Eng. 2011;133(3):031005.

Svanborg LM, Meirelles L, Franke-Stenport V, Kjellin P, Currie F, Andersson M, Wennerberg A. Evaluation of Bone Healing on Sandblasted and Acid Etched Implants Coated with nanocrystalline Hydroxyapatite: An In Vivo Study in Rabbit Femur. International Journal of Dentistry 2014; 1-7

Westas E, Gillstedt M, Lönn-Stensrud J, Bruzell E, Andersson M: Biofilm formation on nanostructured hydroxyapatite-coated titanium. J Biomed Mater Res A. 2014 Apr;102(4):1063-70

SUPERIOR QUALITY AND TECHNOLOGY

LIFETIME WARRANTY · HIGH QUALITY STANDARDS ·

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

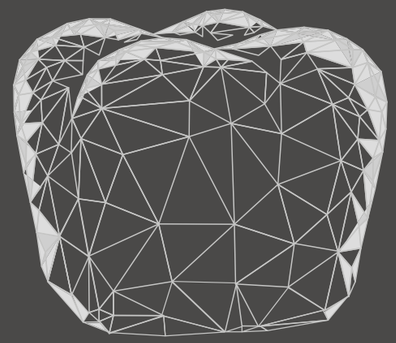
S.I.N.'s main priority is assuring the quality and safety to our clients. Offering the best for implants, components, surgical kits and tooling is the base of all our action.

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.

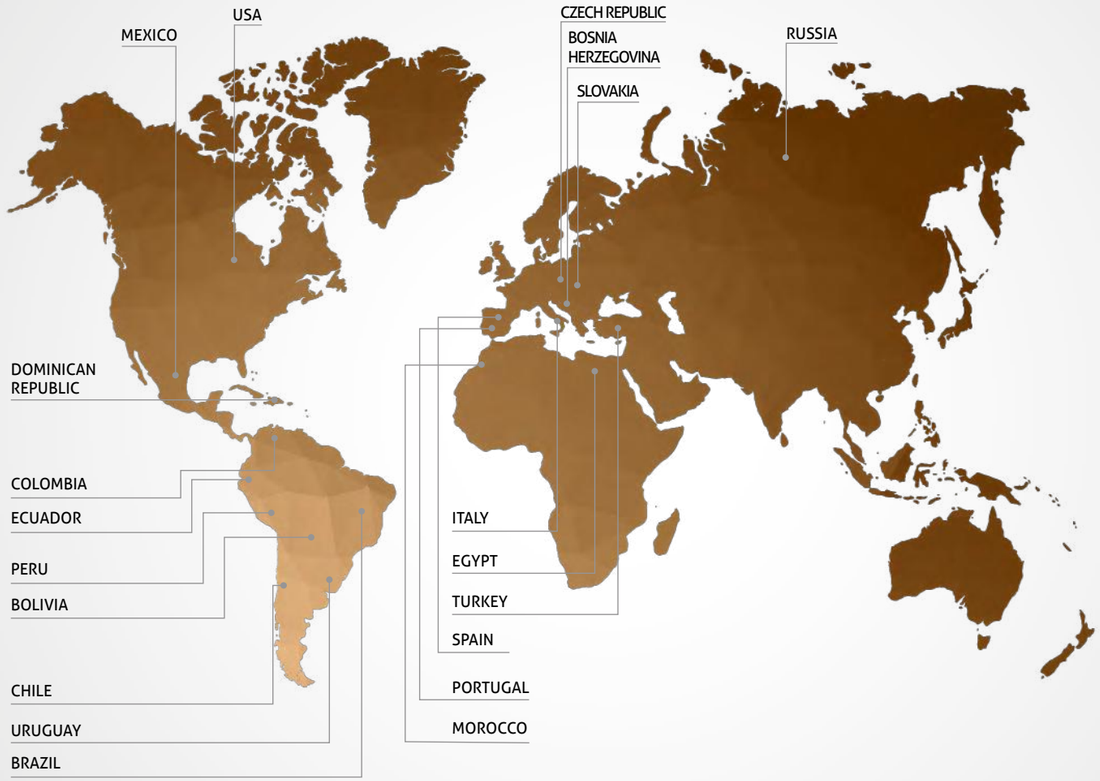
IMPLANTS WITH WARRANTY FOR LIFE*

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

WHERE WE ARE



S.I.N. HEADQUARTERS
Avenida Vereador Abel Ferreira, 1100
Jardim Anália Franco/São Paulo - SP, Brazil
CEP 03340-000

INTERNATIONAL SALES
international@sinimplante.com.br

+55 (11) 2169 3000
www.sinimplantsystem.com

S.I.N.
Implant System

Discover Implantat, the educational habitat of S.I.N. Implant System.

implantat.global

+55 (11) 2169 3000

www.sinimplantsystem.com

Visit our social networks:

sinimplantglobal | @sinimplantglobal | sinimplante | S.I.N. Implant System | sin_implant