

Epikut^E





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., we believe that the smile of each of our partners help generate even more unique smiles.

Our purpose is to build this active 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.



Watch our movie.



IMPLANTAT

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

Access
IMPLANTAT.GLOBAL
or scan the QR Code and begin
your journey of knowledge now!



EDUCATION POWERED BY S.I.N.





Scientific Evidence

- › Research and development of products in partnership with renowned universities and institutes around the world such as:

KU Leuven - Belgium
University of Michigan - USA
UFF Brazil
UNESP - Brazil
USP - 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.
Use your phone's camera to scan the QR code and take a 360° virtual tour of S.I.N.

Global Presence

- › One of the most important implant companies worldwide.
- › Wide international presence.

Guaranteed Quality and Certifications

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



Epikut



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

PLACE THE CELLPHONE CAMERA OVER THE IMAGE



Epikut PLUS

EPIKUT PLUS was idealized for you who wants to redefine the concept of dental implants. With a cutting and compressive design, double inverted support screws, combined with the ultra-thin surface Plus which



THE UNBEATABLE COMBINATION OF DESIGN AND SURFACE THAT MAKES AN IMPLANT EPIC



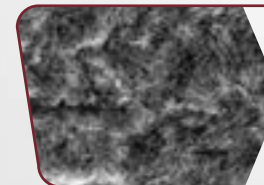
Indicated for all bone types

The exclusive macro geometry that features progressive cutting screws design makes EPIKUT PLUS the state of the art for cases of immediate loading, low density bone, and post-extraction alveolus cases. Extremely versatile, EPIKUT PLUS also allows its use in other clinical situations as long as the indicated drilling clinical protocol is followed.



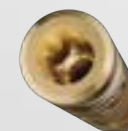
Osseointegration

The high hydrophilia, generated by an ultra-thin and homogeneous layer of hydroxyapatite, expands the activity of the proteins involved in the osseointegration process.



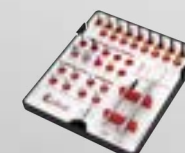
Exclusive Plus surface

Developed in the main universities of Sweden, the Plus HAnano surface which is produced by double acid-etching followed by application of a hydroxyapatite coating HAnano, proven by over 50 preclinical studies.



An implant with diverse possibilities

Morse Taper connections making your clinical day-to-day easier.



Clinical practicality

A single surgical kit for the installation of the complete EPIKUT and EPIKUT PLUS

THINNER, FASTER AND STRONGER

MEET THE GOLDEN STANDARD OF OSSEOINTEGRATION



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.

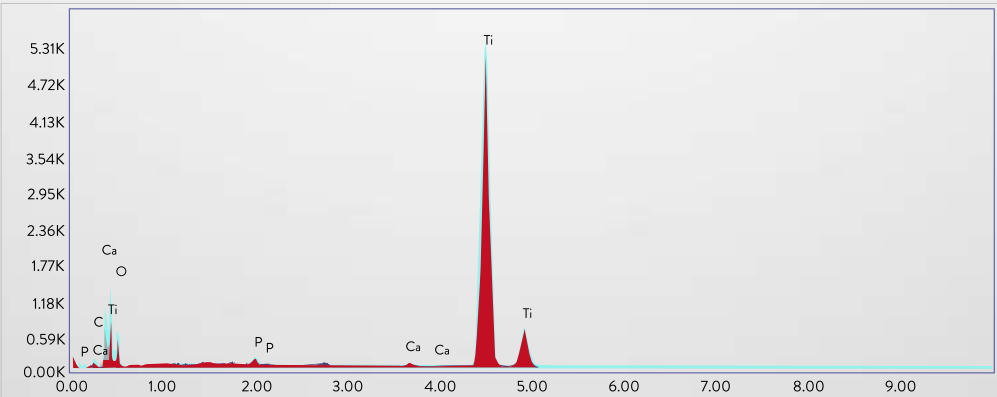
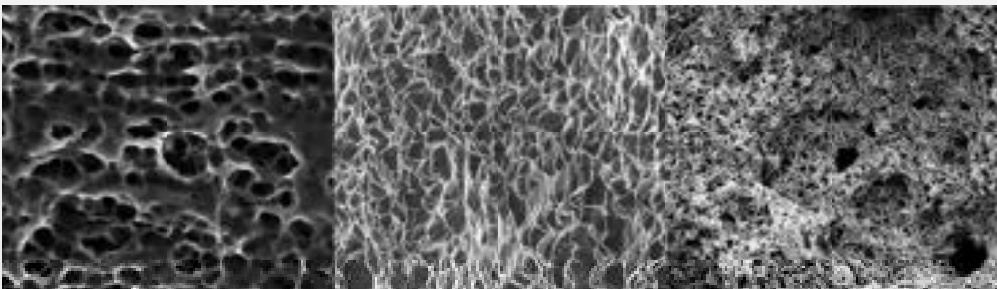
From 2005 on, Plus HAnano® surfaces have been developed by researchers from leading universities in Gothenburg (Sweden). Scientists from several countries have tested and approved its effectiveness, the results of which have been published in dozens of articles in world renowned scientific journals.

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.

According to Bezerra F. et al. (2017) Molecular tests of signal transduction were performed in the Plus HAnano surface presented in the S.I.N. implants, where the proteins involved in the scarring 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 osteocalcin, in clear signalling of the mineralization process acceleration.

The image below shows the EPIKUT PLUS 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 EPIKUT PLUS surface, bringing the purity and stability of the implant surface closer.

SCIENTIFIC PUBLICATIONS

The positive and superior results of Plus 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 QR Code below:

THE IMPACT OF BIOACTIVE SURFACES IN THE EARLY STAGES OF OSSEOINTEGRATION: AN IN VITRO COMPARATIVE STUDY EVALUATING THE HANANO® AND SLACTIVE® SUPER HYDROPHILIC SURFACES.

Rodrigo A. da Silva,^{1,2,3} Geórgia da Silva Feltran,¹ Marcel Rodrigues Ferreira,¹ Patrícia Fretes Wood,¹ Fabio Bezerra,¹ and Willian F. Zambuzzi

FAILURE MODES AND SURVIVAL OF ANTERIOR CROWNS SUPPORTED BY NARROW IMPLANT SYSTEMS.

Edmara T. P. Bergamo,¹ Everardo N. S. de Araújo-Júnior,¹ Adolfo C. O. Lopes,¹ Paulo G. Coelho,^{2,3,4} Abbas Zahoui,¹ Ernesto B. Benalcázar Jalkh,^{1,2} and Estevam A. Bonfante

CLINICAL, HISTOLOGICAL, AND NANOMECHANICAL PARAMETERS OF IMPLANTS PLACED IN HEALTHY AND METABOLICALLY COMPROMISED PATIENTS.

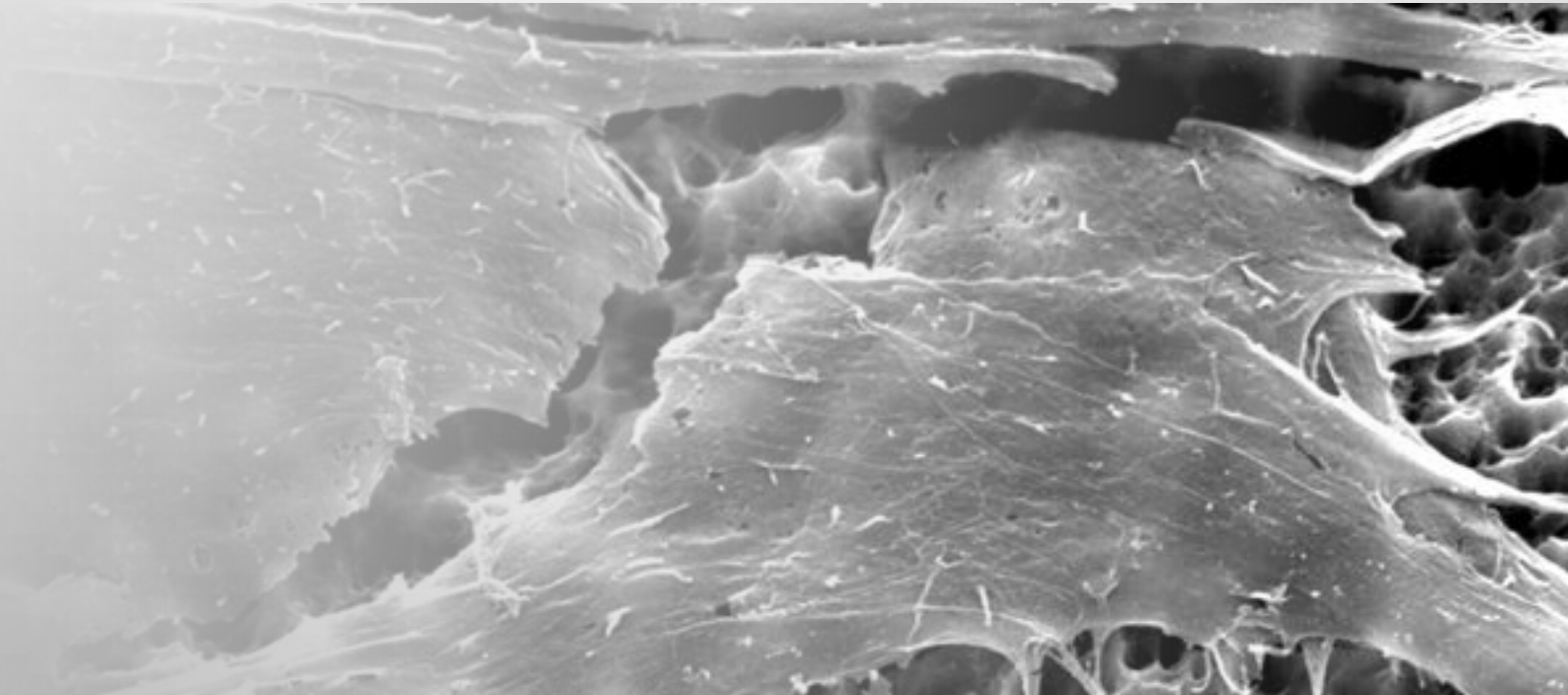
Rodrigo Granato, Edmara T.P. Bergamo, Lukasz Witek, Estevam A. Bonfante, Charles Marin, Gregory Kurgansky, Paulo G. Coelho.

BIOMATERIAL AND BIOMECHANICAL CONSIDERATIONS TO PREVENT RISKS IN IMPLANT THERAPY.

Estevam A. Bonfante¹ | Ryo Jimbo² | Lukasz Witek³ | Nick Tovar³ | Rodrigo Neiva⁴ | Andrea Torroni⁵ | Paulo G. Coelho



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



Epikut

We recreated the concept of epic with EPIKUT.

With a cutting and compressive design, double inverted support screws, this line provides more clinical practicality, predictability and high primary stability for those who seek superior results.



THE NEW DEFINITION OF EPIC.



Hybrid macro geometry, cylindrical body and conic apex

With an exclusive macro geometry and design of cutting screws, EPIKUT is the best choice for cases of immediate load, low density bone and post-extraction alveolus, and it can also be used for all other clinical situations, always following the clinical steps suggested in its drilling system.



Double inverted support screws

Ensure greater primary stability and insertion torque.

Ultra-screwable

Profile of double and cutting screws ensure greater insertion speed of the implant.



Apex

Stability and support for cases with low bone density.



Exclusive cervical microthreads

Greater bone contact area and improves the dissipation of occlusal forces.



Adaptation accuracy

With exclusive and high stress resistant prosthetic components.

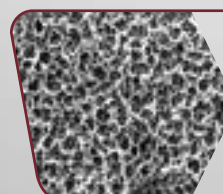
Manufactured in cold worked grade IV titanium

Super light metal, very resistant to corrosion, wear and fracture.



More options of prosthetic components for Morse Taper

Internal Angulation of the Morse Taper available at 11.5° and 16°.



Treatment on the entire surface

Double acid etching on the entire surface for Morse Taper.

Epikut

MORSE TAPER 11.5°

- › Indicated for all types of bones, mainly for low density bones, post-extraction alveolar and immediate and/or late loading
- › It can be used for all other clinical situations, as long as the clinical steps suggested in the drilling system are followed.
- › High hydrophilia in EPIKUT PLUS: the ultra-thin layer of hydroxyapatite increases the activity of the proteins involved in the osseointegration process.
- › The exclusive macro geometry guarantees precision and agility at the time of surgery.
- › Components compatible with the Unitite Prime and Strong SWC line.
- › Internal angulation: 11.5°

INDICATIONS FOR CLINICAL USE:

- › 3.5 mm - Central incisors and lateral incisors
- › 3.8 mm - Central incisors, lateral incisors, canines and premolars
- › 4.0 mm - Central incisors, canines, premolars and molars
- › 4.5 mm - Central incisors, canines, premolars and molars
- › 5.0 mm - Molars

- › 1.5 mm infra-bone installation
- › Initial drill speed: 1200 rpm
- › Speed of the drills 2.7 to 4.8mm: 800 rpm.
- › Insertion speed: 20 to 40 rpm
- › Maximum torque: 80 N.cm
- › Immediate loading*: recommended torque from 45 to 80 N.cm
- › Includes cover screw of 2.0mm

* Relative contraindication in patients with systemic or local problems and at the discretion of the professional.



EPIKUT MORSE TAPER 11.5 DRILLING SEQUENCE

FOR SOFT TYPE BONES

Drilling sequence used for bone type IV.



Epikut Epikut Plus

	1.200 RPM	800 RPM							
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	Ø DIAM. (mm)	FL 20 (A)	FHE 27 (B)	FHE 30 (C)	FHE 33 (D)	FHI 36 (E)	FHI 38 (E+)	FHI 40 (F)	FHI 43 (G)	FHI 48 (H)
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ILCM 35xx	3.5	●	●							
ILCM 38xx	3.8	●	●	●						
ILCM 40xx	4.0	●	●	●	●					
ILCM 45xx	4.5	●	●	●	●	●				
ILCM 50xx	5.0	●	●	●	●	●	●	●		

FOR MEDIUM TYPE BONES

Drilling sequence used for bone type II e III.



Epikut Epikut Plus

	1.200 RPM	800 RPM							
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	Ø DIAM. (mm)	FL 20 (A)	FHE 27 (B)	FHE 30 (C)	FHE 33 (D)	FHI 36 (E)	FHI 38 (E+)	FHI 40 (F)	FHI 43 (G)	FHI 48 (H)
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ILCM 35xx	3.5	●	●	●	●					
ILCM 38xx	3.8	●	●	●	●	●				
ILCM 40xx	4.0	●	●	●	●	●	●			
ILCM 45xx	4.5	●	●	●	●	●	●	●	●	●
ILCM 50xx	5.0	●	●	●	●	●	●	●	●	●

● Uso da fresa opcional com função countersink na profundidade de 5,0 mm

FOR HARD TYPE BONES

Drilling sequence used for bone type I.



Epikut Epikut Plus

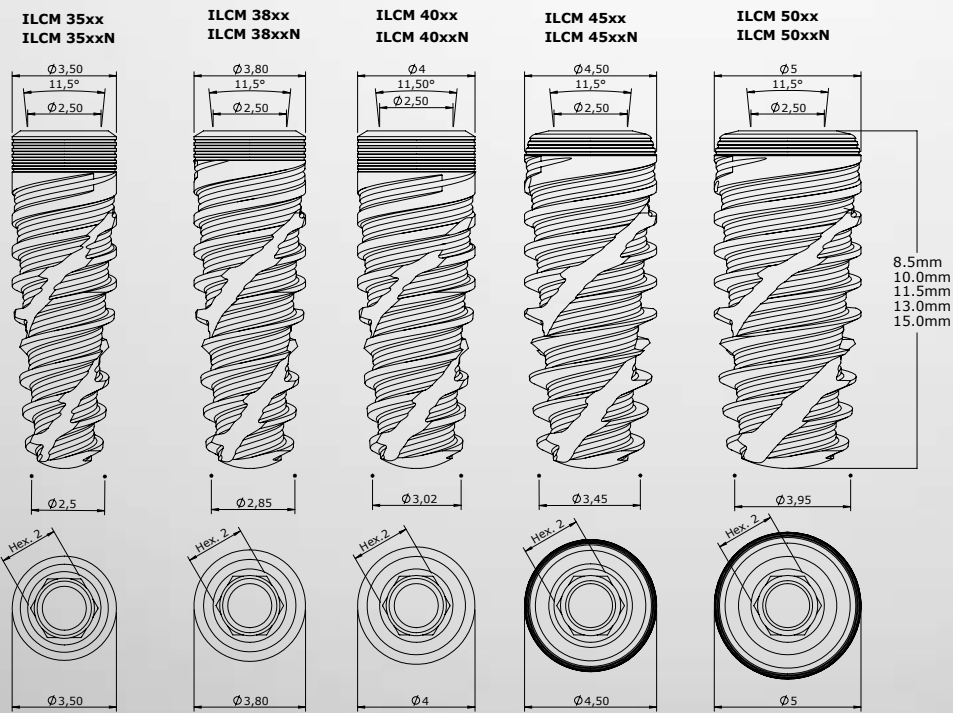
	1.200 RPM	800 RPM							
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	Ø DIAM. (mm)	FL 20 (A)	FHE 27 (B)	FHE 30 (C)	FHE 33 (D)	FHI 36 (E)	FHI 38 (E+)	FHI 40 (F)	FHI 43 (G)	FHI 48 (H)
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ILCM 35xx	3.5	●	●	●	●					
ILCM 38xx	3.8	●	●	●	●	●				
ILCM 40xx	4.0	●	●	●	●	●	●			
ILCM 45xx	4.5	●	●	●	●	●	●	●	●	●
ILCM 50xx	5.0	●	●	●	●	●	●	●	●	●

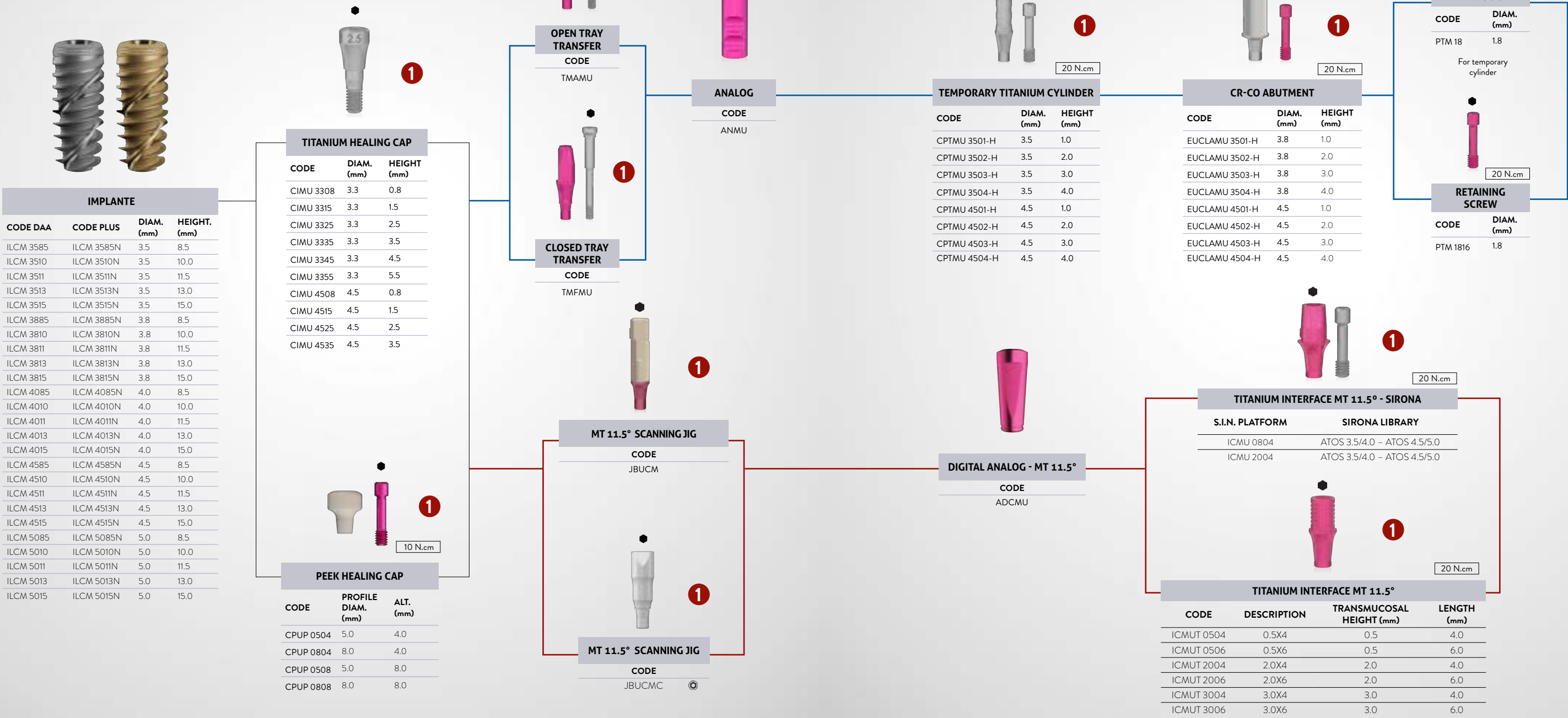
Technical measures EPIKUT MORSE TAPER 11.5°



MT 11.5° PROSTHETIC SEQUENCE

DIRECT SEQUENCE ON IMPLANT (ANALOG AND DIGITAL)

Single screw retained restoration



*Check product availability in your country.

DRIVERS

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

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

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

Hex Driver 1.2x20mm (CDHC 20)

Hex Driver 1.2x24mm (CDHC 24)

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

MT 11.5° PROSTHETIC SEQUENCE

UNIVERSAL ABUTMENT PRE-MADE POSTS (ANALOG AND DIGITAL)
Cement retained restorations



1



2



IMPLANTE			
CODE DAA	CODE PLUS	DIAM. (mm)	HEIGHT. (mm)
ILCM 3585	ILCM 3585N	3.5	8.5
ILCM 3510	ILCM 3510N	3.5	10.0
ILCM 3511	ILCM 3511N	3.5	11.5
ILCM 3513	ILCM 3513N	3.5	13.0
ILCM 3515	ILCM 3515N	3.5	15.0
ILCM 3885	ILCM 3885N	3.8	8.5
ILCM 3810	ILCM 3810N	3.8	10.0
ILCM 3811	ILCM 3811N	3.8	11.5
ILCM 3813	ILCM 3813N	3.8	13.0
ILCM 3815	ILCM 3815N	3.8	15.0
ILCM 4085	ILCM 4085N	4.0	8.5
ILCM 4010	ILCM 4010N	4.0	10.0
ILCM 4011	ILCM 4011N	4.0	11.5
ILCM 4013	ILCM 4013N	4.0	13.0
ILCM 4015	ILCM 4015N	4.0	15.0
ILCM 4585	ILCM 4585N	4.5	8.5
ILCM 4510	ILCM 4510N	4.5	10.0
ILCM 4511	ILCM 4511N	4.5	11.5
ILCM 4513	ILCM 4513N	4.5	13.0
ILCM 4515	ILCM 4515N	4.5	15.0
ILCM 5085	ILCM 5085N	5.0	8.5
ILCM 5010	ILCM 5010N	5.0	10.0
ILCM 5011	ILCM 5011N	5.0	11.5
ILCM 5013	ILCM 5013N	5.0	13.0
ILCM 5015	ILCM 5015N	5.0	15.0

TITANIUM HEALING CAP		
CODE	DIAM. (mm)	HEIGHT (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

ANGLED UNIVERSAL ABUTMENT					
CODE	DIAM. (mm)	LOWER TRANSMUCOSAL LENGTH (mm)	HIGHER TRANSMUCOSAL LENGTH (mm)	CEMENTATION LENGTH (mm)	ANG.
APASIT 341715	3.3	1.5	2.6	4.0	17°
APASIT 341725	3.3	2.5	3.6	4.0	17°
APASIT 341735	3.3	3.5	4.6	4.0	17°
APASIT 343015	3.3	1.5	3.15	4.0	30°
APASIT 343025	3.3	2.5	4.15	4.0	30°
APASIT 343035	3.3	3.5	5.15	4.0	30°
APASIT 361715	3.3	1.5	2.6	6.0	17°
APASIT 361725	3.3	2.5	3.6	6.0	17°
APASIT 361735	3.3	3.5	4.6	6.0	17°
APASIT 363015	3.3	1.5	3.15	6.0	30°
APASIT 363025	3.3	2.5	4.15	6.0	30°
APASIT 363035	3.3	3.5	5.15	6.0	30°
APASIT 441715	4.5	1.5	3.0	4.0	17°
APASIT 441725	4.5	2.5	4.0	4.0	17°
APASIT 441735	4.5	3.5	5.0	4.0	17°
APASIT 443015	4.5	1.5	3.75	4.0	30°
APASIT 443025	4.5	2.5	4.75	4.0	30°
APASIT 443035	4.5	3.5	5.75	4.0	30°
APASIT 461715	4.5	1.5	3.0	6.0	17°
APASIT 461725	4.5	2.5	4.0	6.0	17°
APASIT 461735	4.5	3.5	5.0	6.0	17°
APASIT 463015	4.5	1.5	3.75	6.0	30°
APASIT 463025	4.5	2.5	4.75	6.0	30°
APASIT 463035	4.5	3.5	5.75	6.0	30°

PEEK HEALING CAP		
CODE	PROFILE DIAM. (mm)	ALT. (mm)
CPUP 0504	5.0	4.0
CPUP 0804	8.0	4.0
CPUP 0508	5.0	8.0
CPUP 0808	8.0	8.0

*Check product availability in your country.

1

	Counter-angle Hexagonal Torque Screwdriver 20.0mm (CTH 1220)		Hex Driver 1.2x20mm (CDHC 20)
	Counter-angle Hexagonal Torque Screwdriver 24.0mm (CTH 1224)		
	Counter-angle Hexagonal Torque Screwdriver 30.0mm (CTH 1230)		Hex Driver 1.2x24mm (CDHC 24)

2

	Counter-angle Hexagonal Torque Screwdriver 24.0mm (CTH 0924)		Hex. Driver 0.9x20mm (CCH 0920)
		Hex. Driver 0.9x24mm (CCH 0924)	



2

TWO-PIECES STRAIGHT UNIVERSAL ABUTMENT			
CODE	DIAM. (mm)	CEMENTATION LENGTH (mm)	TRANSMUCOSAL LENGTH (mm)
APSIT 334008	3.3	4.0	0.8
APSIT 334015	3.3	4.0	1.5
APSIT 334025	3.3	4.0	2.5
APSIT 334035	3.3	4.0	3.5
APSIT 334045	3.3	4.0	4.5
APSIT 334055	3.3	4.0	5.5
APSIT 336008	3.3	6.0	0.8
APSIT 336015	3.3	6.0	1.5
APSIT 336025	3.3	6.0	2.5
APSIT 336035	3.3	6.0	3.5
APSIT 336045	3.3	6.0	4.5
APSIT 336055	3.3	6.0	5.5
APSIT 454008	4.5	4.0	0.8
APSIT 454015	4.5	4.0	1.5
APSIT 454025	4.5	4.0	2.5
APSIT 454035	4.5	4.0	3.5
APSIT 454045	4.5	4.0	4.5
APSIT 454055	4.5	4.0	5.5
APSIT 456008	4.5	6.0	0.8
APSIT 456015	4.5	6.0	1.5
APSIT 456025	4.5	6.0	2.5
APSIT 456035	4.5	6.0	3.5
APSIT 456045	4.5	6.0	4.5
APSIT 456055	4.5	6.0	5.5

Use hexagonal driver 0.9 mm



1

STRAIGHT UNIVERSAL ABUTMENT			
CODE	DIAM. (mm)	CEMENTATION LENGTH (mm)	TRANSMUCOSAL LENGTH (mm)
AISIT 334008	3.3	4.0	0.8
AISIT 334015	3.3	4.0	1.5
AISIT 334025	3.3	4.0	2.5
AISIT 334035	3.3	4.0	3.5
AISIT 334045	3.3	4.0	4.5
AISIT 334055	3.3	4.0	5.5
AISIT 336008	3.3	6.0	0.8
AISIT 336015	3.3	6.0	1.5
AISIT 336025	3.3	6.0	2.5
AISIT 336035	3.3	6.0	3.5
AISIT 336045	3.3	6.0	4.5
AISIT 336055	3.3	6.0	5.5
AISIT 454008	4.5	4.0	0.8
AISIT 454015	4.5	4.0	1.5
AISIT 454025	4.5	4.0	2.5
AISIT 454035	4.5	4.0	3.5
AISIT 454045	4.5	4.0	4.5
AISIT 454055	4.5	4.0	5.5
AISIT 456008	4.5	6.0	0.8
AISIT 456015	4.5	6.0	1.5
AISIT 456025	4.5	6.0	2.5
AISIT 456035	4.5	6.0	3.5
AISIT 456045	4.5	6.0	4.5
AISIT 456055	4.5	6.0	5.5



POLYACETAL TRANSFER

CODE	DIAM. (mm)	LEN-GTH (mm)
TSIT 3340	3.3	4.0
TSIT 3360	3.3	6.0
TSIT 4540	4.5	4.0
TSIT 4560	4.5	6.0



ANALOG

CODE	DIAM. (mm)	LEN-GTH (mm)
ASIT 3340	3.3	4.0
ASIT 3360	3.3	6.0
ASIT 4540	4.5	4.0
ASIT 4560	4.5	6.0



TEMPORARY ACRYLIC CYLINDER

CODE	DIAM. (mm)	LENGTH (mm)
CPSIT 3340	3.3	4.0
CPSIT 3360	3.3	6.0
CPSIT 4540	4.5	4.0
CPSIT 4560	4.5	6.0



CALCINABLE POLYACETAL CYLINDER

CODE	DIAM. (mm)	LENGTH (mm)
CCSIT 3340	3.3	4.0
CCSIT 3360	3.3	6.0
CCSIT 4540	4.5	4.0
CCSIT 4560	4.5	6.0



UNIVERSAL ABUTMENT SCANNING JIG

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



UNIVERSAL ABUTMENT DIGITAL ANALOG

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

* Analog sequence
* Digital sequence

Hex driver
Anti-Rotational component
Squared Screw
Abutment Screw
Rotational component

MT 11.5° PROSTHETIC SEQUENCE

MULTIFUNCTIONAL ABUTMENT (ANALOG AND DIGITAL)

Single and Multiple screw retained Restorations



IMPLANTE			
CODE DAA	CODE PLUS	DIAM. (mm)	HEIGHT. (mm)
ILCM 3585	ILCM 3585N	3.5	8.5
ILCM 3510	ILCM 3510N	3.5	10.0
ILCM 3511	ILCM 3511N	3.5	11.5
ILCM 3513	ILCM 3513N	3.5	13.0
ILCM 3515	ILCM 3515N	3.5	15.0
ILCM 3885	ILCM 3885N	3.8	8.5
ILCM 3810	ILCM 3810N	3.8	10.0
ILCM 3811	ILCM 3811N	3.8	11.5
ILCM 3813	ILCM 3813N	3.8	13.0
ILCM 3815	ILCM 3815N	3.8	15.0
ILCM 4085	ILCM 4085N	4.0	8.5
ILCM 4010	ILCM 4010N	4.0	10.0
ILCM 4011	ILCM 4011N	4.0	11.5
ILCM 4013	ILCM 4013N	4.0	13.0
ILCM 4015	ILCM 4015N	4.0	15.0
ILCM 4585	ILCM 4585N	4.5	8.5
ILCM 4510	ILCM 4510N	4.5	10.0
ILCM 4511	ILCM 4511N	4.5	11.5
ILCM 4513	ILCM 4513N	4.5	13.0
ILCM 4515	ILCM 4515N	4.5	15.0
ILCM 5085	ILCM 5085N	5.0	8.5
ILCM 5010	ILCM 5010N	5.0	10.0
ILCM 5011	ILCM 5011N	5.0	11.5
ILCM 5013	ILCM 5013N	5.0	13.0
ILCM 5015	ILCM 5015N	5.0	15.0



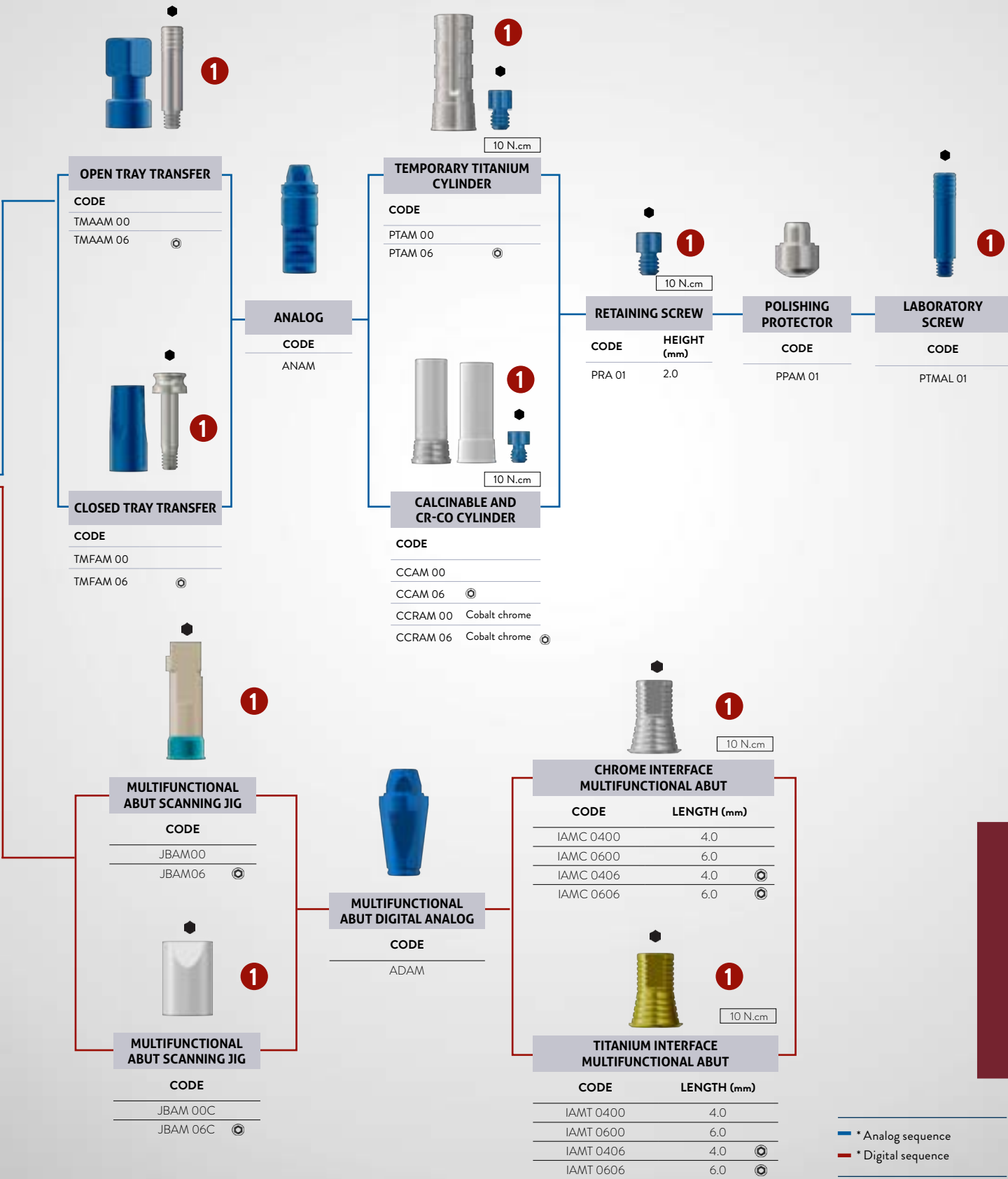
MULTIFUNCTIONAL ABUTMENT		
CODE	DIAM. (mm)	HEIGHT (mm)
AMCMU 4808	4.8	0.8
AMCMU 4815	4.8	1.5
AMCMU 4825	4.8	2.5
AMCMU 4835	4.8	3.5
AMCMU 4845	4.8	4.5
AMCMU 4855	4.8	5.5

*Use the 1.6 mm hexagonal driver of the prosthetic kit.

DRIVERS

1		Counter-angle Hexagonal Torque Screwdriver 20.0mm (CTH 1220)		Hex Driver 1.2x20mm (CDHC 20)
		Counter-angle Hexagonal Torque Screwdriver 24.0mm (CTH 1224)		Hex Driver 1.2x24mm (CDHC 24)
		Counter-angle Hexagonal Torque Screwdriver 30.0mm (CTH 1230)		Hex Ratchet Wrench 16mm (CCH 1620)
2		Counter-angle Hexagonal Torque Screwdriver 1.6mm Short (CTH 1620)		Hex Ratchet Wrench 16mm (CCH 1620)
		Counter-angle Hexagonal Torque Screwdriver 1.6mm Medium (CTH 1624)		Hex Ratchet Wrench 16mm (CCH 1624)

*Check product availability in your country.



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

EPIKUT MT 11.5°

MT 11.5° PROSTHETIC SEQUENCE

MULTI-UNIT ABUTMENT (ANALOG AND DIGITAL)

Multiple screw retained restorations



IMPLANTE			
CODE DAA	CODE PLUS	DIAM. (mm)	HEIGHT. (mm)
ILCM 3585	ILCM 3585N	3.5	8.5
ILCM 3510	ILCM 3510N	3.5	10.0
ILCM 3511	ILCM 3511N	3.5	11.5
ILCM 3513	ILCM 3513N	3.5	13.0
ILCM 3515	ILCM 3515N	3.5	15.0
ILCM 3885	ILCM 3885N	3.8	8.5
ILCM 3810	ILCM 3810N	3.8	10.0
ILCM 3811	ILCM 3811N	3.8	11.5
ILCM 3813	ILCM 3813N	3.8	13.0
ILCM 3815	ILCM 3815N	3.8	15.0
ILCM 4085	ILCM 4085N	4.0	8.5
ILCM 4010	ILCM 4010N	4.0	10.0
ILCM 4011	ILCM 4011N	4.0	11.5
ILCM 4013	ILCM 4013N	4.0	13.0
ILCM 4015	ILCM 4015N	4.0	15.0
ILCM 4585	ILCM 4585N	4.5	8.5
ILCM 4510	ILCM 4510N	4.5	10.0
ILCM 4511	ILCM 4511N	4.5	11.5
ILCM 4513	ILCM 4513N	4.5	13.0
ILCM 4515	ILCM 4515N	4.5	15.0
ILCM 5085	ILCM 5085N	5.0	8.5
ILCM 5010	ILCM 5010N	5.0	10.0
ILCM 5011	ILCM 5011N	5.0	11.5
ILCM 5013	ILCM 5013N	5.0	13.0
ILCM 5015	ILCM 5015N	5.0	15.0



STRAIGHT MULTI-UNIT ABUTMENT			
CODE	DIAM. (mm)	HEIGHT (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	



MULTI-UNIT ABUTMENT INDEXED ANGLED			
CODE	DIAM. (mm)	HEIGHT (MM)	ANG.
MAMA 1715I	4.8	1.5	17°
MAMA 1725I	4.8	2.5	17°
MAMA 1735I	4.8	3.5	17°
MAMA 3015I	4.8	1.5	30°
MAMA 3025I	4.8	2.5	30°
MAMA 3035I	4.8	3.5	30°

Use hexagonal driver 1.2 mm

DRIVERS

1

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

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

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

2

Abutment Torque Screwdriver 24.0mm (CTA 1224)

Multi-Unit/Conical Driver (CDAC 20)

Multi-Unit/Conical Driver (CDAC 24)

3

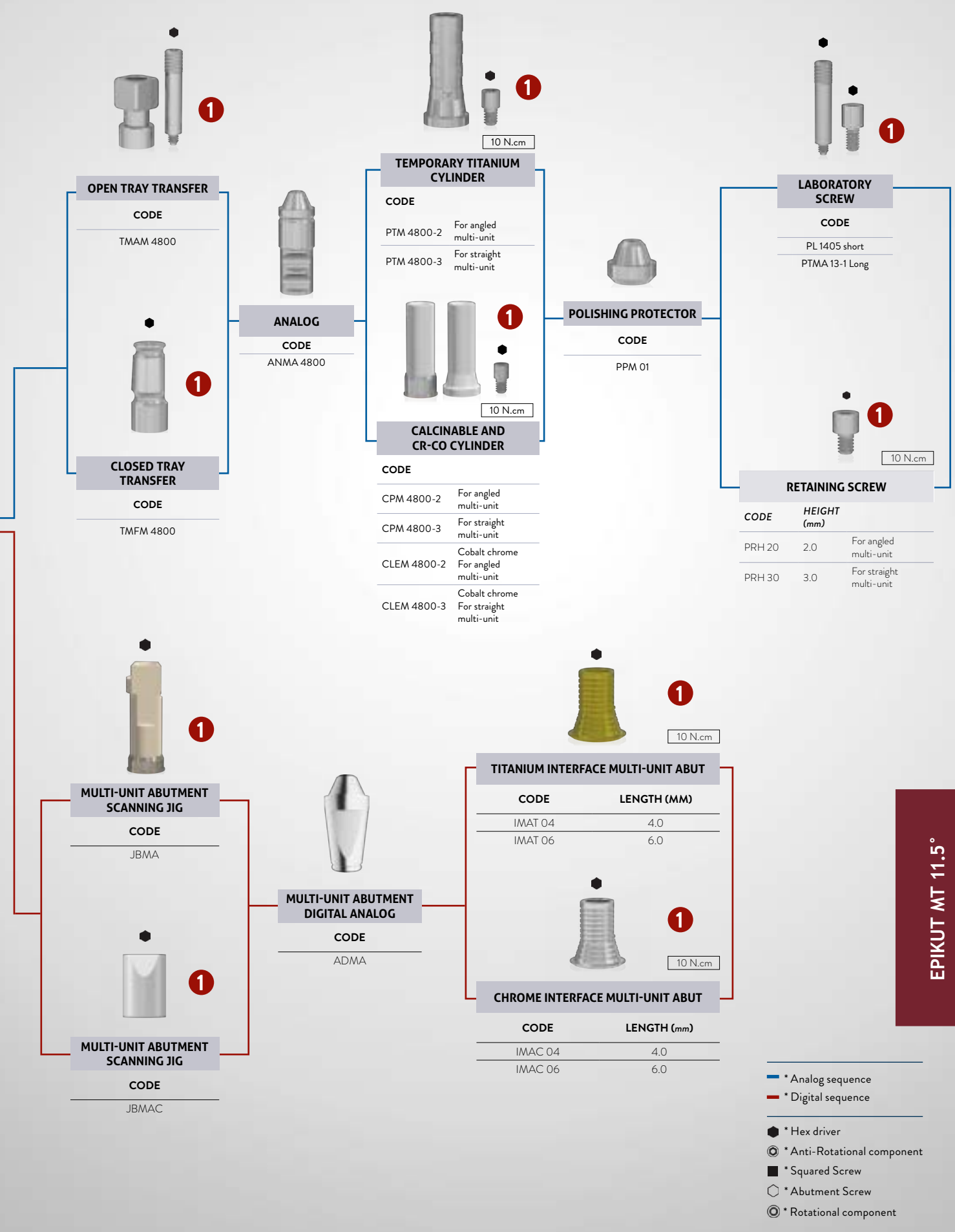
Angular Mini-Abutment Counter-Angle Hexagonal Torque Screwdriver 20.0mm (CTHA 1220)

Angular Mini-Abutment Counter-Angle Hexagonal Torque Screwdriver 20.0mm (CTHA 1224)

Ang. Multi-Unit Driver 1.2mm (CHTMA 20)

Ang. Multi-Unit Driver 1.2mm (CHTMA 24)

*Check product availability in your country.



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

MT 11.5° PROSTHETIC SEQUENCE

MICRO MULTI-UNIT ABUTMENT

Single and multiple screw retained restorations



IMPLANTE			
CODE DAA	CODE PLUS	DIAM. (mm)	HEIGHT. (mm)
ILCM 3585	ILCM 3585N	3.5	8.5
ILCM 3510	ILCM 3510N	3.5	10.0
ILCM 3511	ILCM 3511N	3.5	11.5
ILCM 3513	ILCM 3513N	3.5	13.0
ILCM 3515	ILCM 3515N	3.5	15.0
ILCM 3885	ILCM 3885N	3.8	8.5
ILCM 3810	ILCM 3810N	3.8	10.0
ILCM 3811	ILCM 3811N	3.8	11.5
ILCM 3813	ILCM 3813N	3.8	13.0
ILCM 3815	ILCM 3815N	3.8	15.0
ILCM 4085	ILCM 4085N	4.0	8.5
ILCM 4010	ILCM 4010N	4.0	10.0
ILCM 4011	ILCM 4011N	4.0	11.5
ILCM 4013	ILCM 4013N	4.0	13.0
ILCM 4015	ILCM 4015N	4.0	15.0
ILCM 4585	ILCM 4585N	4.5	8.5
ILCM 4510	ILCM 4510N	4.5	10.0
ILCM 4511	ILCM 4511N	4.5	11.5
ILCM 4513	ILCM 4513N	4.5	13.0
ILCM 4515	ILCM 4515N	4.5	15.0
ILCM 5085	ILCM 5085N	5.0	8.5
ILCM 5010	ILCM 5010N	5.0	10.0
ILCM 5011	ILCM 5011N	5.0	11.5
ILCM 5013	ILCM 5013N	5.0	13.0
ILCM 5015	ILCM 5015N	5.0	15.0

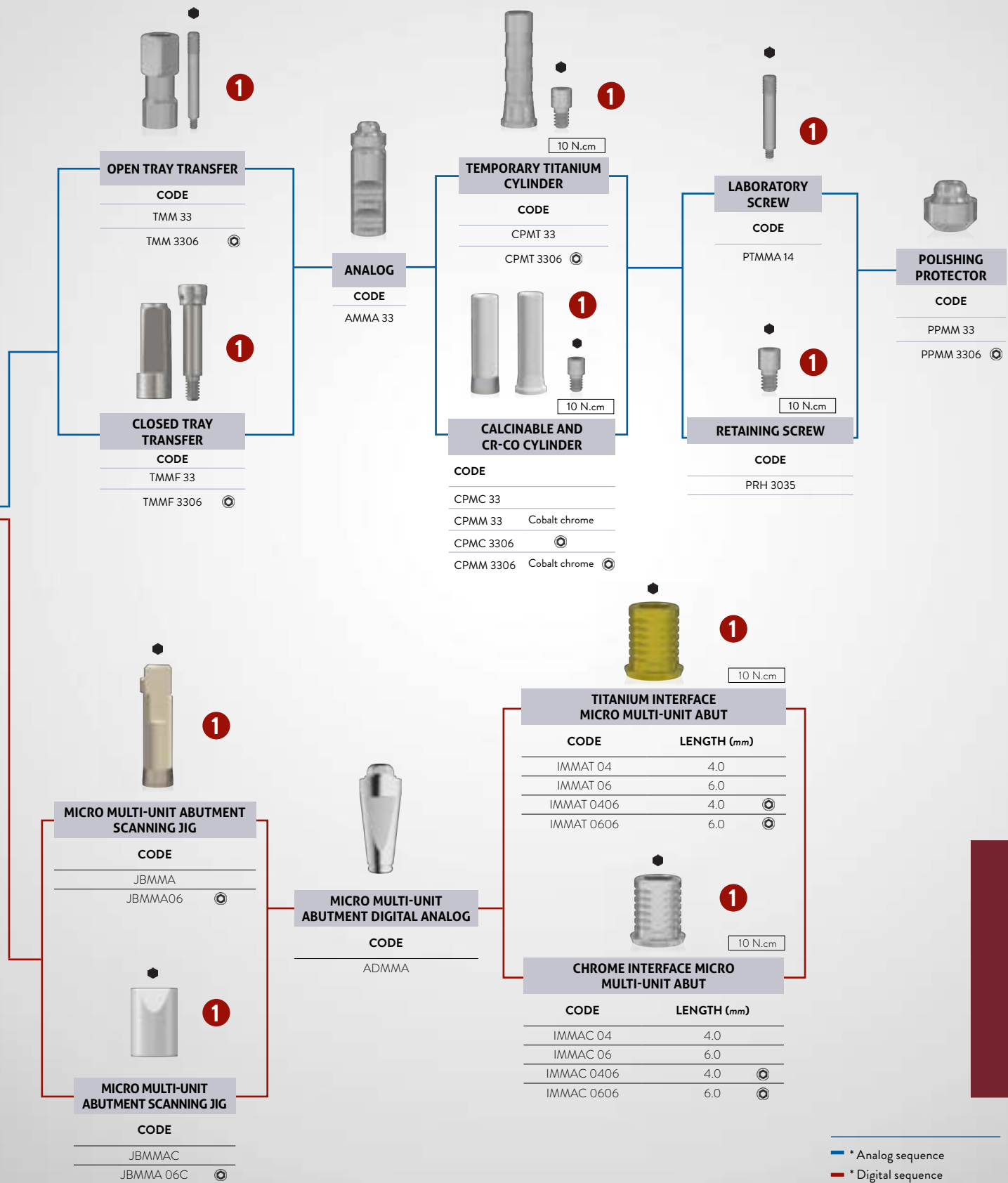
MICRO MULTI-UNIT ABUTMENT		
CODE	DIAM. (mm)	HEIGHT (mm)
MMAM 3308	3.5	0.8
MMAM 3315	3.5	1.5
MMAM 3325	3.5	2.5
MMAM 3335	3.5	3.5
MMAM 3345	3.5	4.5

ABUTMENT PROTECTOR	
CODE	
PMM 33	

DRIVERS

1		Counter-angle Hexagonal Torque Screwdriver 20.0mm (CTH 1220)		Hex Driver 1.2x20mm (CDHC 20)
		Counter-angle Hexagonal Torque Screwdriver 24.0mm (CTH 1224)		
		Counter-angle Hexagonal Torque Screwdriver 30.0mm (CTH 1230)		Hex Driver 1.2x24mm (CDHC 24)
2		Abutment Torque Screwdriver 24.0mm (CTA 1224)		Multi-Unit/Conical Driver (CDAC 20)
				Multi-Unit/Conical Driver (CDAC 24)

*Check product availability in your country.



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

EPIKUT MT 11.5°

MT 11.5° PROSTHETIC SEQUENCE

OVERDENTURE SOLUTIONS
MULTI-UNIT + BAR-CLIP RESTORATIONS
(ANALOG AND DIGITAL)



IMPLANTE			
CODE DAA	CODE PLUS	DIAM. (mm)	HEIGHT. (mm)
ILCM 3585	ILCM 3585N	3.5	8.5
ILCM 3510	ILCM 3510N	3.5	10.0
ILCM 3511	ILCM 3511N	3.5	11.5
ILCM 3513	ILCM 3513N	3.5	13.0
ILCM 3515	ILCM 3515N	3.5	15.0
ILCM 3885	ILCM 3885N	3.8	8.5
ILCM 3810	ILCM 3810N	3.8	10.0
ILCM 3811	ILCM 3811N	3.8	11.5
ILCM 3813	ILCM 3813N	3.8	13.0
ILCM 3815	ILCM 3815N	3.8	15.0
ILCM 4085	ILCM 4085N	4.0	8.5
ILCM 4010	ILCM 4010N	4.0	10.0
ILCM 4011	ILCM 4011N	4.0	11.5
ILCM 4013	ILCM 4013N	4.0	13.0
ILCM 4015	ILCM 4015N	4.0	15.0
ILCM 4585	ILCM 4585N	4.5	8.5
ILCM 4510	ILCM 4510N	4.5	10.0
ILCM 4511	ILCM 4511N	4.5	11.5
ILCM 4513	ILCM 4513N	4.5	13.0
ILCM 4515	ILCM 4515N	4.5	15.0
ILCM 5085	ILCM 5085N	5.0	8.5
ILCM 5010	ILCM 5010N	5.0	10.0
ILCM 5011	ILCM 5011N	5.0	11.5
ILCM 5013	ILCM 5013N	5.0	13.0
ILCM 5015	ILCM 5015N	5.0	15.0

20 N.cm

STRAIGHT MULTI-UNIT ABUTMENT

CODE	DIAM. (mm)	HEIGHT (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

20 N.cm

ANGLED MULTI-UNIT ABUTMENT INDEXED

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

Use hexagonal driver 1.2 mm

DRIVERS

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

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

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

Hex Driver 1.2x20mm (CDHC 20)

Hex Driver 1.2x24mm (CDHC 24)

1

Abutment Torque Screwdriver 24.0mm (CTA 1224)

Multi-Unit/Conical Driver (CDAC 20)

Multi-Unit/Conical Driver (CDAC 24)

2

Angular Mini-Abutment Counter-Angle Hexagonal Torque Screwdriver 20.0mm (CTHA 1220)

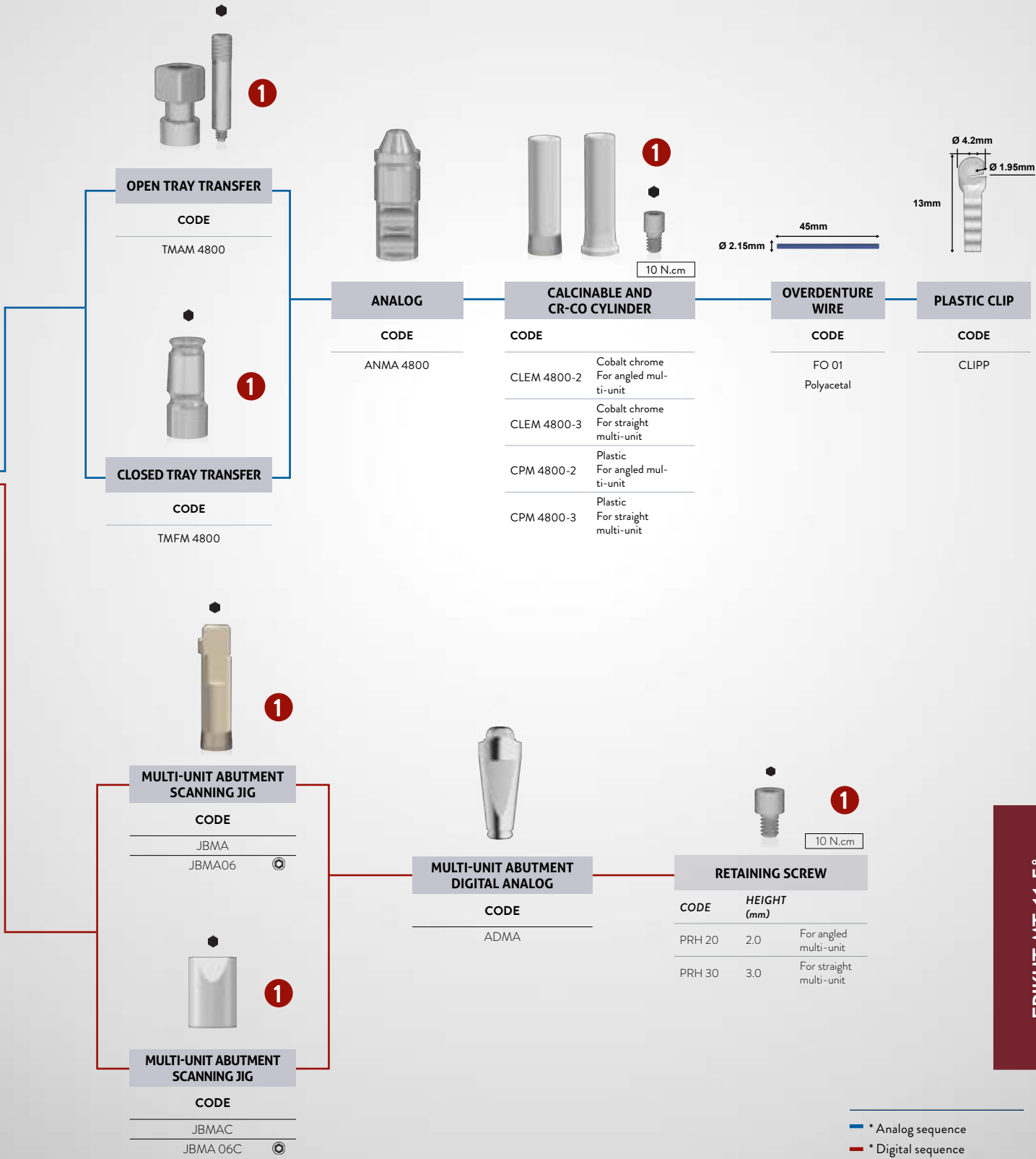
Angular Mini-Abutment Counter-Angle Hexagonal Torque Screwdriver 20.0mm (CTHA 1224)

Ang. Multi-Unit Driver 1.2mm (CHTMA 20)

Ang. Multi-Unit Driver 1.2mm (CHTMA 24)

3

*Check product availability in your country.



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

EPIKUT MT 11.5°

MT 11.5° PROSTHETIC SEQUENCE

OVERDENTURE - EQUATOR



IMPLANTE

CODE DAA	CODE PLUS	DIAM. (mm)	HEIGHT (mm)
ILCM 3585	ILCM 3585N	3.5	8.5
ILCM 3510	ILCM 3510N	3.5	10.0
ILCM 3511	ILCM 3511N	3.5	11.5
ILCM 3513	ILCM 3513N	3.5	13.0
ILCM 3515	ILCM 3515N	3.5	15.0
ILCM 3885	ILCM 3885N	3.8	8.5
ILCM 3810	ILCM 3810N	3.8	10.0
ILCM 3811	ILCM 3811N	3.8	11.5
ILCM 3813	ILCM 3813N	3.8	13.0
ILCM 3815	ILCM 3815N	3.8	15.0
ILCM 4085	ILCM 4085N	4.0	8.5
ILCM 4010	ILCM 4010N	4.0	10.0
ILCM 4011	ILCM 4011N	4.0	11.5
ILCM 4013	ILCM 4013N	4.0	13.0
ILCM 4015	ILCM 4015N	4.0	15.0
ILCM 4585	ILCM 4585N	4.5	8.5
ILCM 4510	ILCM 4510N	4.5	10.0
ILCM 4511	ILCM 4511N	4.5	11.5
ILCM 4513	ILCM 4513N	4.5	13.0
ILCM 4515	ILCM 4515N	4.5	15.0
ILCM 5085	ILCM 5085N	5.0	8.5
ILCM 5010	ILCM 5010N	5.0	10.0
ILCM 5011	ILCM 5011N	5.0	11.5
ILCM 5013	ILCM 5013N	5.0	13.0
ILCM 5015	ILCM 5015N	5.0	15.0



TITANIUM HEALING CAP

CODE	DIAM. (mm)	HEIGHT (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



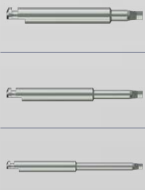
PEEK HEALING CAP

CODE	PROFILE DIAM. (mm)	HEIGHT (mm)
CPUP 0504	5,0	4,0
CPUP 0804	8,0	4,0
CPUP 0508	5,0	8,0
CPUP 0808	8,0	8,0



EQUATOR MT ABUTMENT 11,5°

CODE	DIAM. (mm)	HEIGHT (mm)
AEUM 3508	3,5	0,8
AEUM 3515	3,5	1,5
AEUM 3525	3,5	2,5
AEUM 3535	3,5	3,5
AEUM 3545	3,5	4,5
AEUM 3555	3,5	5,5



DRIVERS

1	Counter-angle Hexagonal Torque Screwdriver 20.0mm (CTH 1220)	Hex Driver 1.2x20mm (CDHC 20)
	Counter-angle Hexagonal Torque Screwdriver 24.0mm (CTH 1224)	
	Counter-angle Hexagonal Torque Screwdriver 30.0mm (CTH 1230)	Hex Driver 1.2x24mm (CDHC 24)
2	Square Torque Driver 20.0mm (CTQ 20)	Square Driver 1.3x20mm (CQTM 20)
	Square Torque Driver 24.0mm (CTQ 24)	
	Square Torque Driver 30.0mm (CTQ 30)	Square Driver 1.3x24mm (CQTM 24)



PROTECTION DISC PACK 10

CODE	DIAM
100 DP	1,6 mm



TITANIUM ATTACHMENT

CODE
141 CTE



PROTECTION DISC PACK 10

CODE	DIAM
100 DPR	2,9 mm



SMARTBOX

CODE
330 SBE



YELLOW CAPSULE

CODE	CHARACTERISTIC
140 CEG	Extra soft retention (0.6 KG)



PINK CAPSULE

CODE	CHARACTERISTIC
140 CER	Soft retention (1.2 kg)



CLEAR CAPSULE

CODE	CHARACTERISTIC
140 CET	Standard retention (1.8 kg)



PURPLE CAPSULE

CODE	CHARACTERISTIC
140 CEV	Strong retention (2.7 kg)



BLACK CAPSULE

CODE	CHARACTERISTIC
140 CEN	Working capsule



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



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

*Check product availability in your country.

EPIKUT MT 11.5°

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

Epikut

MORSE TAPER 11,5° LONG

- › Indicated for intraoral surgical placement in the maxilla, preferably in bones type III and IV (low density bones), for total edentulism cases, immediate and delayed loading.
- › It can be used in cases of total edentulous maxillae, especially in low density bones (bones type III and IV)
- › High hydrophilia in EPIKUT PLUS: the ultra-thin layer of hydroxyapatite increases the activity of the proteins involved in the osseointegration process.
- › The exclusive macro geometry guarantees precision and agility at the time of surgery.
- › Internal Angulation: 11.5°

INDICATIONS FOR CLINICAL USE:

- › 3.8 mm - Anterior Region
- › 4.0 mm - Anterior and Posterior Region
- › 4.5 mm - Posterior Region

- › Initial drill speed: 1200 rpm
- › Speed of the drills 2.7 to 4.5 mm: 800 rpm.
- › Insertion speed: 20 to 40 rpm
- › Maximum torque: 80 N.cm
- › Immediate loading*: recommended torque from 45 to 80 N.cm

*Based on available residual bone thickness



EPIKUT LONG MT 11.5° DRILLING SEQUENCE

FOR SOFT
TYPE BONES

Drilling sequence used
for bone type IV.



Epikut Long
Epikut Long Plus

		1.200 RPM	800 RPM						
	Ø DIAM. (mm)	FL 2024 (A)	FHE 2324 (B)	FHE 3024 (C)	FHI 3324 (D)	FHI 3624 (E)	FHI 3824 (E+)	FHI 4024 (F)	FHI 4324 (G)
ILCM 38xx	3.8	●	●	●					
ILCM 40xx	4.0	●	●	●	●				
ILCM 45xx	4.5	●	●	●	●	●			

FOR MEDIUM
TYPE BONES

Drilling sequence used
for bone type II e III.



Epikut Long
Epikut Long Plus

		1.200 RPM	800 RPM						
	Ø DIAM. (mm)	FL 2024 (A)	FHE 2324 (B)	FHE 3024 (C)	FHI 3324 (D)	FHI 3624 (E)	FHI 3824 (E+)	FHI 4024 (F)	FHI 4324 (G)
ILCM 38xx	3.8	●	●	●	●	●			
ILCM 40xx	4.0	●	●	●	●	●	●		
ILCM 45xx	4.5	●	●	●	●	●	●	●	●

● Uso da fresa opcional

FOR HARD
TYPE BONES

Drilling sequence used
for bone type I.



Epikut Long
Epikut Long Plus

		1.200 RPM	800 RPM						
	Ø DIAM. (mm)	FL 2024 (A)	FHE 2324 (B)	FHE 3024 (C)	FHI 3024 (D)	FHI 3624 (E)	FHI 3824 (E+)	FHI 4024 (F)	FHI 4324 (G)
ILCM 38xx	3.8	●	●	●	●	●			
ILCM 40xx	4.0	●	●	●	●	●	●		
ILCM 45xx	4.5	●	●	●	●	●	●	●	●

Technical measures
EPIKUT LONG 11,5°

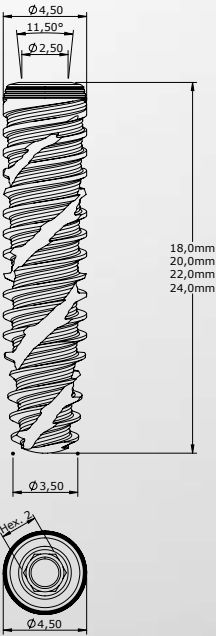
ILCM 38XX
ILCM 38XXN



ILCM 40XX
ILCM 40XXN



ILCM 45XX
ILCM 45XXN



MT 11.5° LONG PROSTHETIC SEQUENCE

MULTI-UNIT ABUTMENTS (ANALOG AND DIGITAL)
Multiple screw retained restorations



IMPLANT			
CODE DAE	CODE PLUS	DIAM. (mm)	HEIGHT (mm)
ILCM 3818	ILCM 3818N	3.8	18.0
ILCM 3820	ILCM 3820N	3.8	20.0
ILCM 3822	ILCM 3822N	3.8	22.0
ILCM 3824	ILCM 3824N	3.8	24.0
ILCM 4018	ILCM 4018N	4.0	18.0
ILCM 4020	ILCM 4020N	4.0	20.0
ILCM 4022	ILCM 4022N	4.0	22.0
ILCM 4024	ILCM 4024N	4.0	24.0
ILCM 4518	ILCM 4518N	4.5	18.0
ILCM 4520	ILCM 4520N	4.5	20.0
ILCM 4522	ILCM 4522N	4.5	22.0
ILCM 4524	ILCM 4524N	4.5	24.0

20 N.cm

STRAIGHT MULTI-UNIT ABUTMENT

CODE	DIAM. (mm)	HEIGHT (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

20 N.cm

INDEXED FOR ANGLED MULTI-UNIT

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

*Use hexagonal driver 1.2 mm

DRIVERS

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

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

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

Hex Driver 1.2x20mm (CDHC 20)

Hex Driver 1.2x24mm (CDHC 24)

Abutment Torque Screwdriver 24.0mm (CTA 1224)

Multi-Unit/Conical Driver (CDAC 20)

Multi-Unit/Conical Driver (CDAC 24)

Angular Mini-Abutment Counter-Angle Hexagonal Torque Screwdriver 20.0mm (CTHA 1220)

Angular Mini-Abutment Counter-Angle Hexagonal Torque Screwdriver 20.0mm (CTHA 1224)

Ang. Multi-Unit Driver 1.2mm (CHTMA 20)

Ang. Multi-Unit Driver 1.2mm (CHTMA 24)

*Check product availability in your country.

1

OPEN TRAY TRANSFER

CODE

TMAM 4800

1

CLOSED TRAY TRANSFER

CODE

TMFM 4800

1

ANALOG

CODE

ANMA 4800

1

TEMPORARY TITANIUM CYLINDER

CODE

PTM 4800-2 For angled multi-unit

PTM 4800-3 For straight multi-unit

1

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

1

POLISHING PROTECTOR

CODE

PPM 01

1

LABORATORY SCREW

CODE

PL 1405 Short

PTMA 13-1 Long

1

RETAINING SCREW

CODE	HEIGHT (mm)
PRH 20	2

1

RETAINING SCREW

CODE	HEIGHT (mm)
PRH 30	3.0

1

MULTI-UNIT ABUTMENT SCANNING JIG

CODE

JBMA

1

MULTI-UNIT ABUTMENT DIGITAL ANALOG

CODE

ADMA

1

TITANIUM INTERFACE MULTI-UNIT ABUT

CODE	LENGTH (mm)
IMAT 04	4.0
IMAT 06	6.0

1

CHROME INTERFACE MULTI-UNIT ABUT

CODE	LENGTH (mm)
IMAC 04	4.0
IMAC 06	6.0

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

EPIKUT LONG CM 11,5°

EPIKUT SAFE DRILL KIT

MAKING YOUR SURGERIES MORE PRACTICAL AND PRECISE

Performance and efficiency: exclusive polyacetal limiters with perfect fit and high resistance, which guarantees greater durability of the kit.

Bone Drill Limiters available for each drill diameter.

The Epikut Safe Drill Kit is only compatible with the Epikut Surgical Kit.

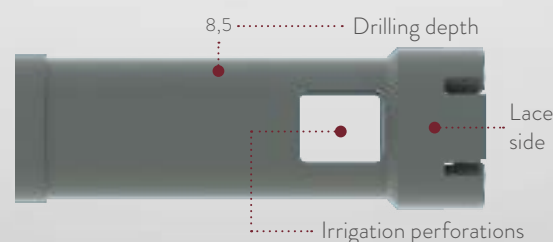
Prevent injuries to noble structures like nerves, maxillary sinus and nasal cavity.

Removable tray to facilitate cleaning.

Easy to use: color coding system, which facilitates clinical use.



For the Morse Taper installation to occur as recommended (infra-bone) it is necessary to use a limiter 1.5 mm greater than the desired depth.



*Check product availability in your country.

*The Epikut Safe Drill Kit is not compatible with the Epikut Long Surgical Kit.

01 STOPPER SAFE DRILL 02.00/02.07X15.0MM (LSDO 2005)	02 STOPPER SAFE DRILL 02.00/02.07X16.0MM (LSDO 2006)	03 STOPPER SAFE DRILL 02.00/02.07X17.0MM (LSDO 2007)	04 STOPPER SAFE DRILL 02.00/02.07X18.5MM (LSDO 2085)	05 STOPPER SAFE DRILL 02.00/02.07X10.0MM (LSDO 2010)	06 STOPPER SAFE DRILL 02.00/02.07X11.5MM (LSDO 2011)	07 STOPPER SAFE DRILL 02.00/02.07X13.0MM (LSDO 2013)	08 STOPPER SAFE DRILL 02.00/02.07X15.0MM (LSDO 2015)
09 STOPPER SAFE DRILL 03.00/03.30X15.0MM (LSDO 3005)	10 STOPPER SAFE DRILL 03.00/03.30X16.0MM (LSDO 3006)	11 STOPPER SAFE DRILL 03.00/03.30X17.0MM (LSDO 3007)	12 STOPPER SAFE DRILL 03.00/03.30X18.5MM (LSDO 3085)	13 STOPPER SAFE DRILL 03.00/03.30X10.0MM (LSDO 3010)	14 STOPPER SAFE DRILL 03.00/03.30X11.5MM (LSDO 3011)	15 STOPPER SAFE DRILL 03.00/03.30X13.0MM (LSDO 3013)	16 STOPPER SAFE DRILL 03.00/03.30X15.0MM (LSDO 3015)
17 STOPPER SAFE DRILL 03.80/04.25X15.0MM (LSDO 3805)	18 STOPPER SAFE DRILL 03.80/04.25X16.0MM (LSDO 3806)	19 STOPPER SAFE DRILL 03.80/04.25X17.0MM (LSDO 3807)	20 STOPPER SAFE DRILL 03.80/04.25X18.5MM (LSDO 3885)	21 STOPPER SAFE DRILL 03.80/04.25X10.0MM (LSDO 3810)	22 STOPPER SAFE DRILL 03.80/04.25X11.5MM (LSDO 3811)	23 STOPPER SAFE DRILL 03.80/04.25X13.0MM (LSDO 3813)	24 STOPPER SAFE DRILL 03.80/04.25X15.0MM (LSDO 3815)
25 STOPPER SAFE DRILL 04.50/05.80X15.0MM (LSDO 4505)	26 STOPPER SAFE DRILL 04.50/05.80X16.0MM (LSDO 4506)	27 STOPPER SAFE DRILL 04.50/05.80X17.0MM (LSDO 4507)	28 STOPPER SAFE DRILL 04.50/05.80X18.5MM (LSDO 4585)	29 STOPPER SAFE DRILL 04.50/05.80X10.0MM (LSDO 4510)	30 STOPPER SAFE DRILL 04.50/05.80X11.5MM (LSDO 4511)	31 STOPPER SAFE DRILL 04.50/05.80X13.0MM (LSDO 4513)	32 STOPPER SAFE DRILL 04.50/05.80X15.0MM (LSDO 4515)



CODE: KESD 02
ORGANIZING BOX CODE: COESD 02

*Check product availability in your country.

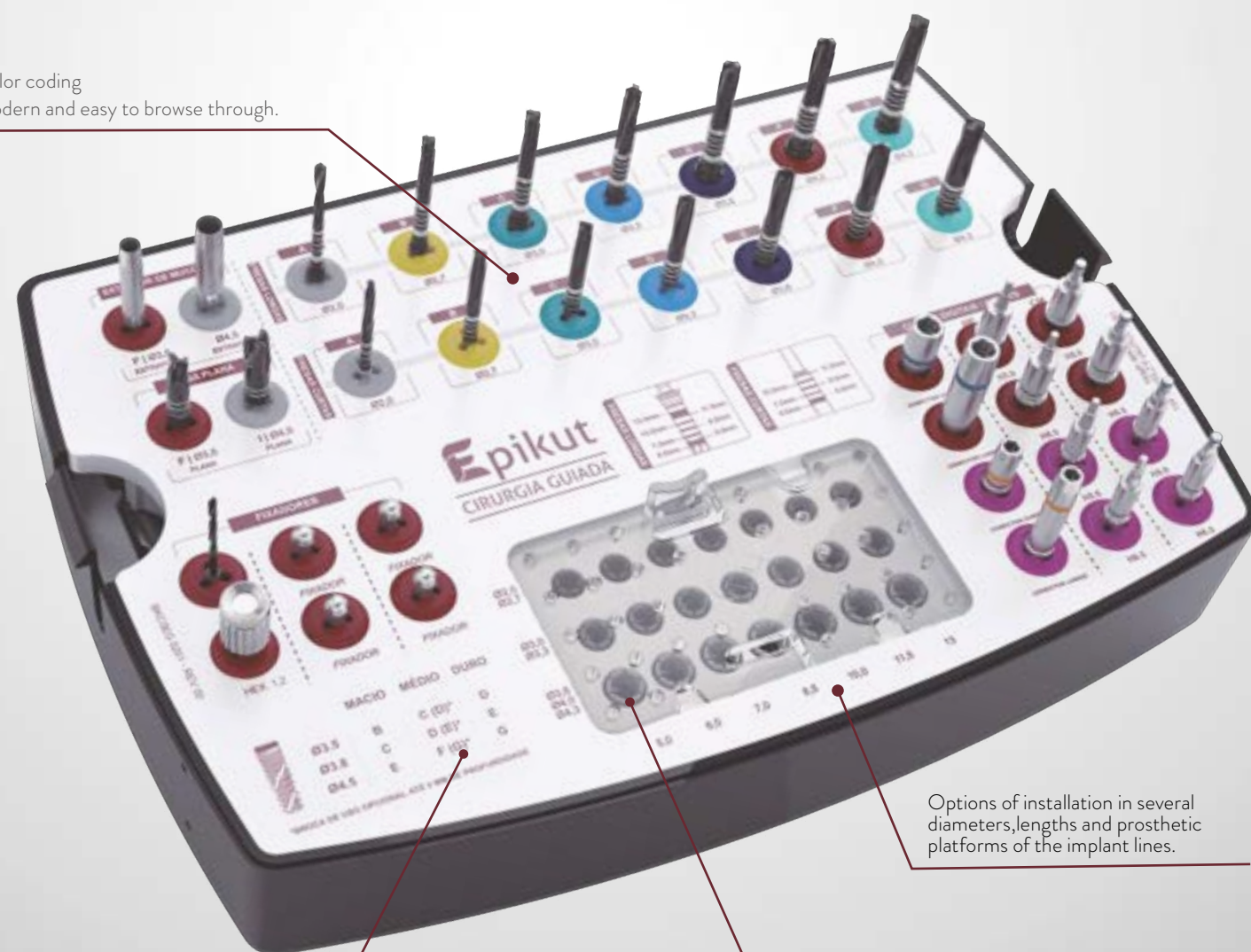
EPIKUT GUIDED SURGERY KIT

Developed with high-tech innovation and superior industrial quality, **Epikut Guided Surgery Kit** 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.



Unique drilling sequence for each bone density increasing clinical versatility.

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

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

*Check product availability in your country.
* Not compatible with the Epikut Long Implant.

- 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: 42.5mm

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



Flexible sleeve positioning system

- It allows the PLACEMENT OF THE SURGICAL GUIDES IN TWO DIFFERENT POSITIONS in relation to the Implant platform.



Short Drills: 37.5mm

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



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

Narrow sleeve system

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

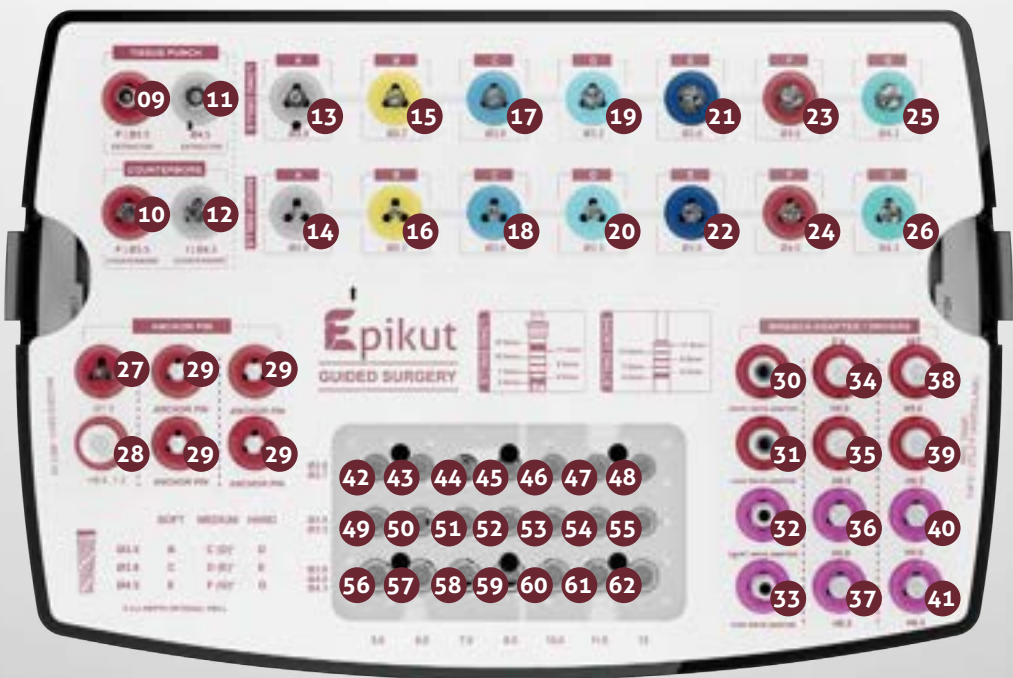
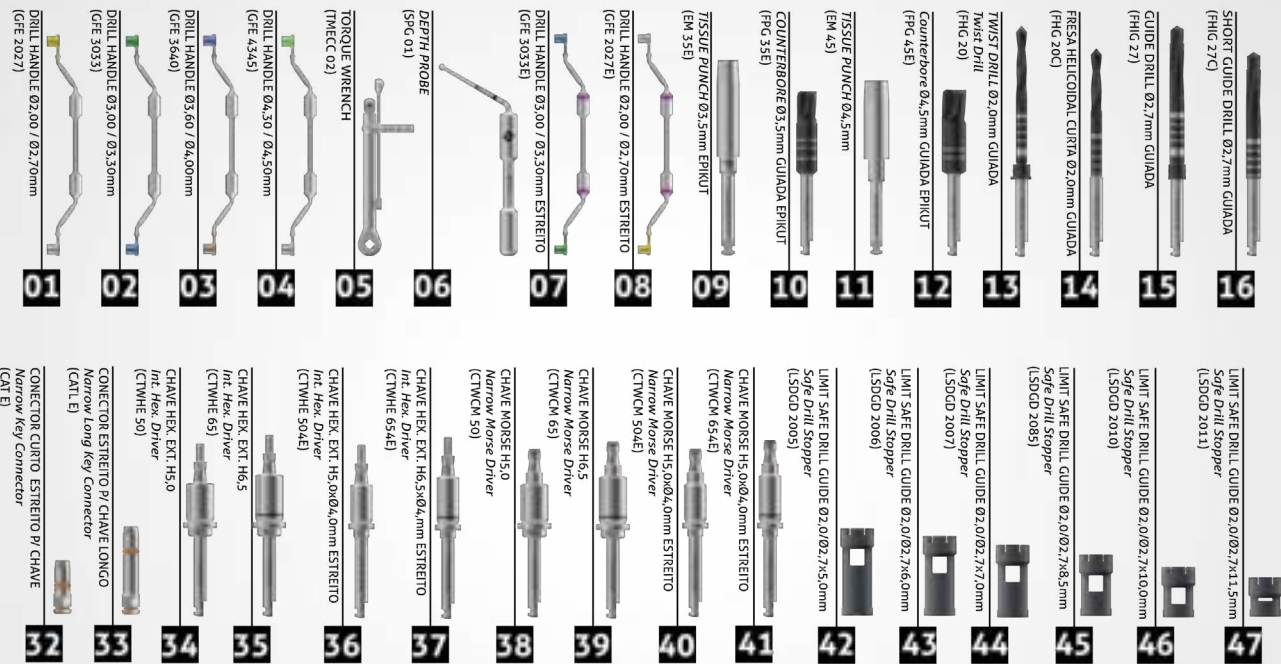


CODE	DESCRIPTION
AFG 14	WASHER FOR GUIDE FIXER Ø 1.4 mm
AG 40	WASHER FOR GUIDE FIXER Ø 4.0 mm
AG 50	WASHER FOR GUIDE FIXER Ø 5.0 mm

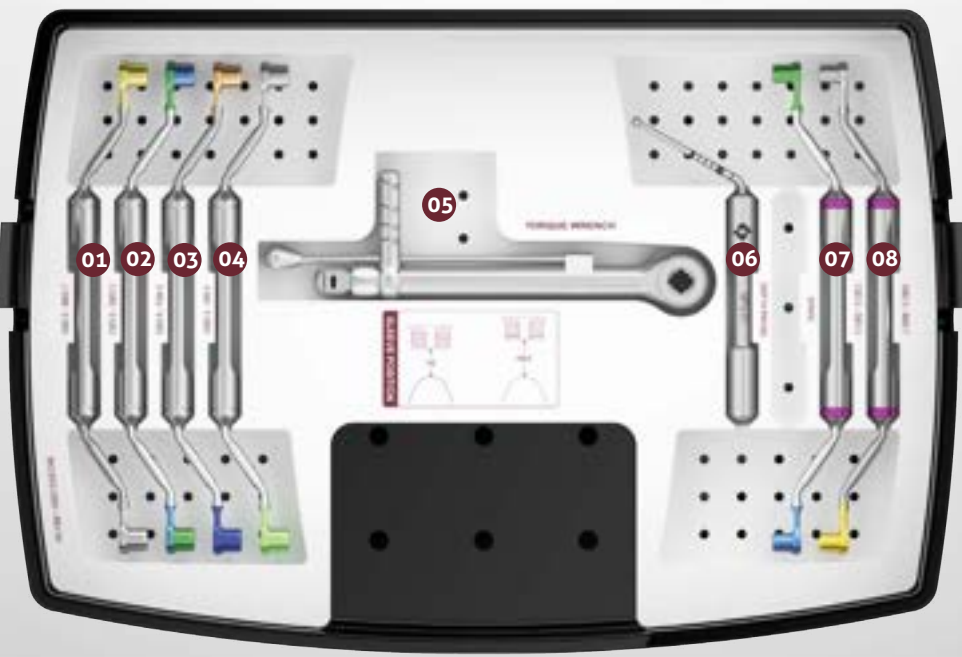
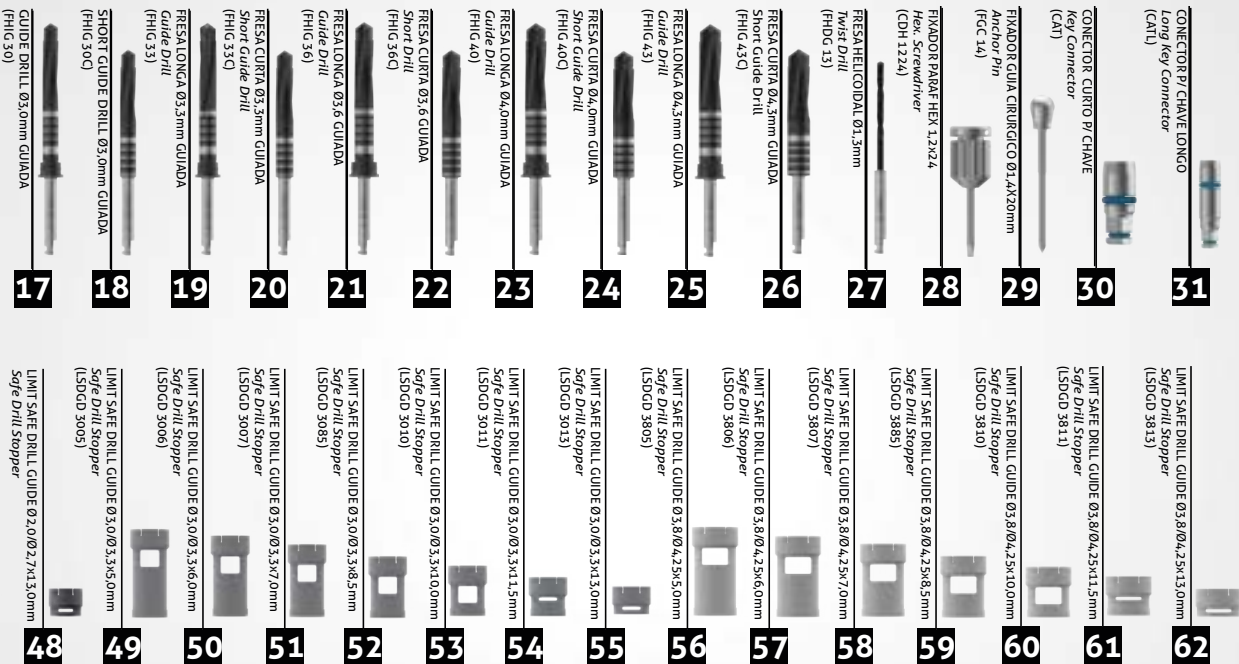
*Check product availability in your country.

ORGANIZING BOX

EPIKUT GUIDED SURGERY KIT



*Check product availability in your country.



CODE: KCSEG 01
ORGANIZING BOX CODE: COSEG 01

*Check product availability in your country.

PROSTHETIC KIT

FUNCTIONAL, PRACTICAL AND COMPACT



BONE EXPANDER KIT

Ideal for performing lateral bone expansion, the Bone Expander Kit is the essential tool for its clinical ease, while eliminating the need for bone grafts.



CODE: KEXP
ORGANINZING BOX CODE: 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

*Check product availability in your country.

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 provide more precision when using the screws.



CODE: KENX
ORGANINZING BOX CODE: 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

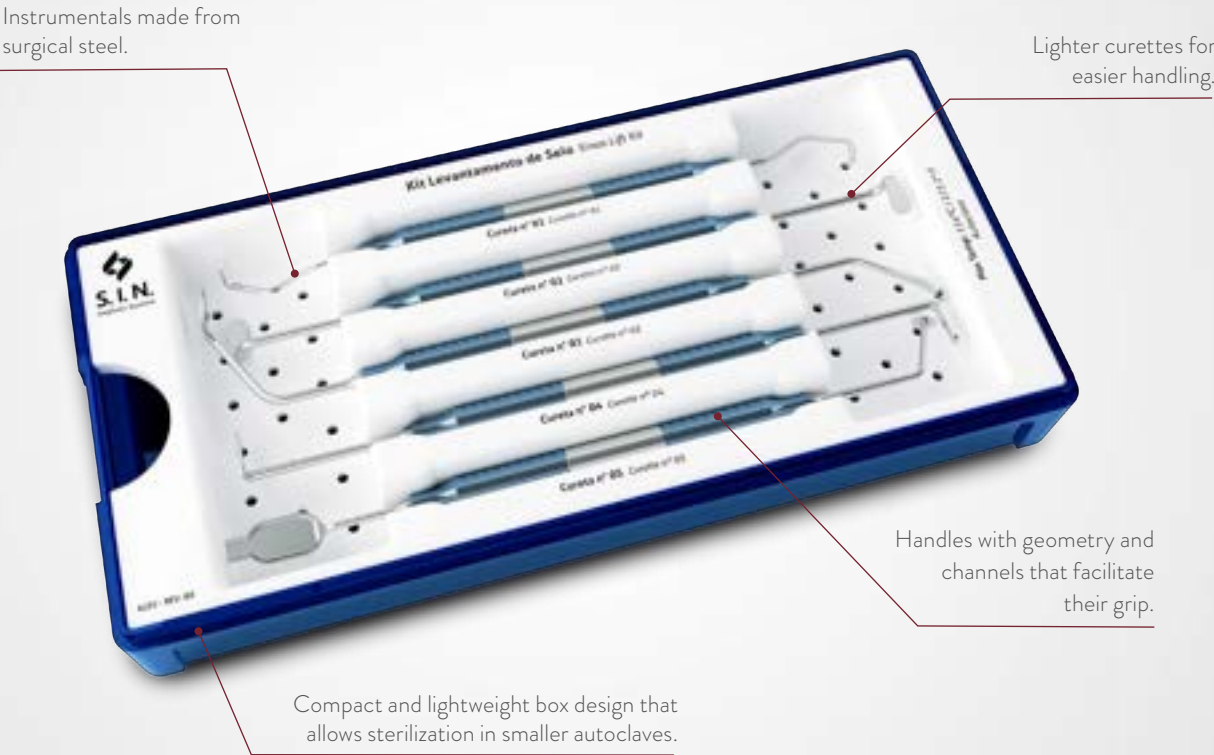
CODE	DESCRIPTION
CDM 02	Hand Wrench
CPEX	Screwdriver
FH 1015	Drill Helical ø 1.0 mm x 15.0 mm
FH 1215	Drill Helical ø 1.2 mm x 15.0mm
FH 1615	Drill Helical ø 1.6 mm x 15.0mm
COENX	Bone Graft Organizing Box

NOTE: Screws are sold separately.

*Check product availability in your country.

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.



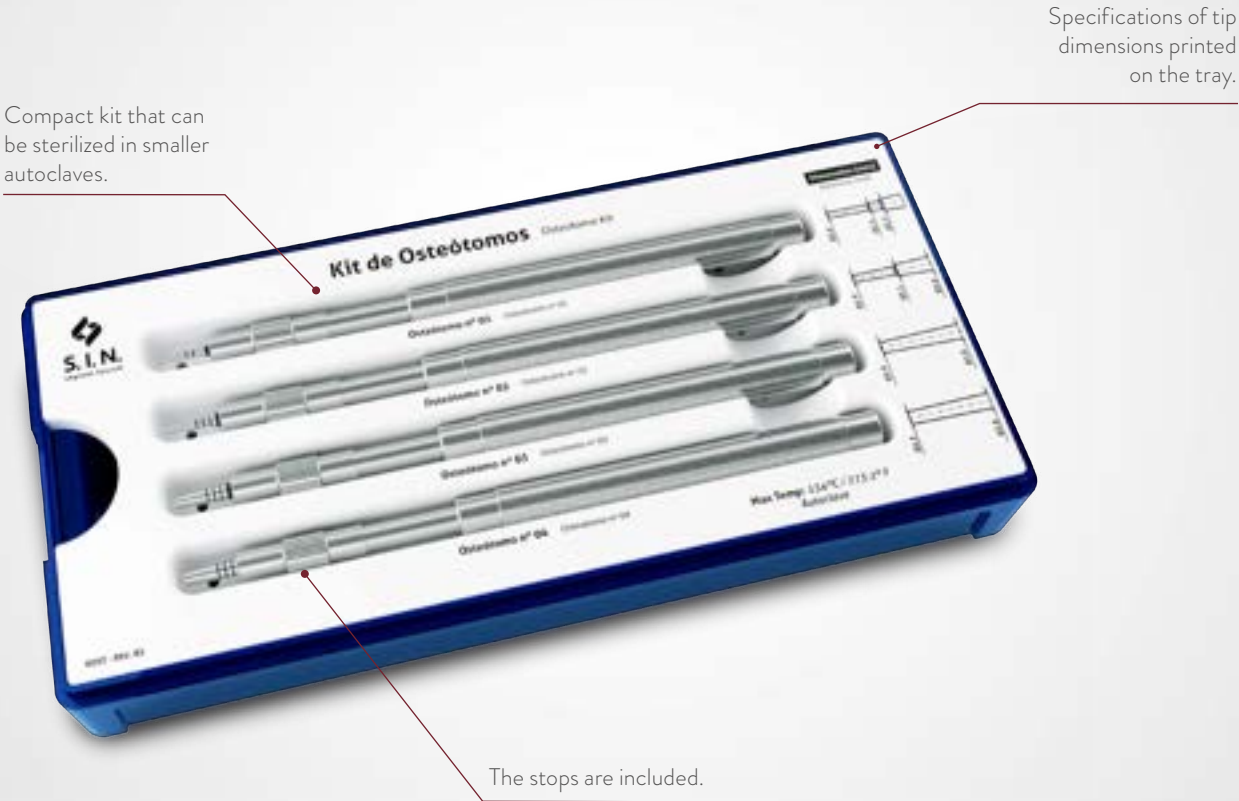
CODE: KLEV 02
ORGANINZING BOX CODE: COLEV

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

*Check product availability in your country.

OSTEOTOME KIT

The Osteotome Kit enables atraumatic maxillary sinus elevation, resulting in vertical bone gain and eliminating the need for bone grafting. It is the ideal tool for these procedures.



CODE: KOST
ORGANINZING BOX CODE: 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

*Check product availability in your country.

ROTARY EXPANDING KIT

Designed for cases with limited bone thickness, it offers three options: ratchet, contra-angle, and digital key. Recommended for bone expansion and compaction, eliminating the need for bone grafting.



CODE: KER
ORGANINZING BOX CODE: COER

CODE	DESCRIPTION
CPQ 02	Prosthetic Drum
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	Drill Lance ø 2.00 mm x 20.0 mm

*Check product availability in your country.

ORTHODONTIC KIT

Kit with surgical simplicity for installation and removal of mini-screws, aiding in orthodontic treatment.



CODE: KOR
ORGANINZING BOX CODE: COOR

CODE	DESCRIPTION
CMPO 70	Hand wrench for micro orthodontic screws - High Utility
CCPO 24	Hand wrench for orthodontic screws - High Utility
FML 70	Manual lance-type drill
FH 1015	Twist Drill 1,0 x 15 mm
CDM 02	Hand wrench
CDPO 24	Digital Key for Orthodontic Screw (for final screw installation only)
COOR	Orthodontic Kit Set

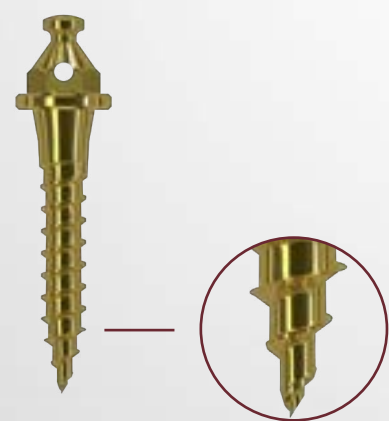
NOTE: Screws are sold separately.

*Check product availability in your country.

ORTHODONTIC MINI-IMPLANTS

- › Easy installation and removal.
- › Immediate loading possible 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.
- › **Diameter:**
1.4 mm
1.6 mm
1.8 mm

*Check product availability in your country.

SELF-DRILLING WITHOUT TRANSMUCOSAL PROFILE



CODE	DIAM.	HEIGHT
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 WITHOUT TRANSMUCOSAL PROFILE (2MM)



CODE	DIAM.	HEIGHT
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 WITHOUT TRANSMUCOSAL PROFILE (1MM)



CODE	DIAM.	HEIGHT
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 WITHOUT TRANSMUCOSAL PROFILE (3MM)

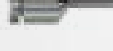
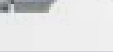
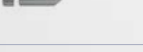
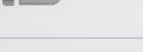
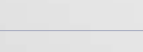


CODE	DIAM.	HEIGHT
POT 1438	1.4 mm	8.0 mm
POT 1430	1.4 mm	10.0 mm
POT 1638	1.6 mm	8.0 mm
POT 1630	1.6 mm	10.0 mm
POT 1838	1.8 mm	8.0 mm
POT 1830	1.8 mm	10.0 mm

*Check product availability in your country.

INSTRUMENTAL OF COMPLEMENTARY KITS

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 for installation of Externa Hex. Tryon implant cover, two-pieces straight universal abut and angled universal abut.
	CDH 0924	HEXAGONAL DIGITAL SCREWDRIVER 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 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

SURGICAL HAMMER

ITEM	CODE	DESCRIPTION
	MART1	> 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.

*Check product availability in your country.

DIGITAL SCREWDRIVERS

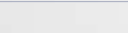
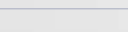
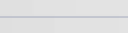
ITEM	CODE	DESCRIPTION	LENGTH	INDICATION
	CDQ 1224	SQUARE DIGITAL SCREWDRIVER 24.0MM	LONG	Used to set the square-fit locking screws (PTQ 2008, PTQH 18 and PTQ 2006). 1.3mm tip
	CDQ 1237	SQUARE DIGITAL SCREWDRIVER 37.0MM	EXTRA LONG	Used to set the square-fit locking screws (PTQ 2008, PTQH 18 and PTQ 2006). 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 11,5° provisional cylinder
	CDH 1620	HEX DIGITAL SCREWDRIVER 16MM	SHORT	Used to install the Multifunctional Abutment. 1.6mm Hexagonal Tip
	CDH 1624	HEX DIGITAL SCREWDRIVER 16MM	MEDIUM	Used to install the Multifunctional Abutment. 1.6mm Hexagonal Tip
	CCH 1620	HEX RATCHET WRENCH 16MM	SHORT	Used for the installation and torque of the Multifunctional Abutment. 1.6mm Hexagonal Tip
	CCH 1624	HEX RATCHET WRENCH 16MM	MEDIUM	Used for the installation and torque of the Multifunctional Abutment. 1.6mm Hexagonal Tip

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

*Check product availability in your country.

COUNTER-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 for installation of Externa Hex. Tryon implant cover, two-pieces straight universal abut and angled universal abut.
	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

*Check product availability in your country.

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 CUTTERS

ITEM	CODE	MEASUREMENTS	DESCRIPTION
	FTR 02	ø 2,0 mm	> Surgical-grade stainless steel > Thermal treatment > Laser markings > May be used for implant removal, bone removal, 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	

*Check product availability in your country.

MORE EASILY AND SAFETY FOR YOUR CLINICAL PROCEDURES

S.I.N. packaging is 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 from the tube cap and fit it on the the 1.2 mm hexagonal digital key.



The implant should not be captured with the ratchet wrench.

SUPERIOR QUALITY AND TECHNOLOGY

WE WARRANT, BECAUSE WE ARE PROUD OF OUR PRODUCTS.

S.I.N. 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

We apply rigorous quality control to all S.I.N. products, ensuring success in surgeries for our clients, meeting the highest quality standards, and adding value to those who choose to restore smiles.



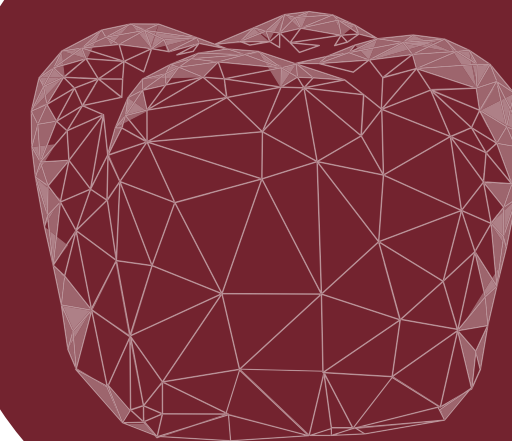
IMPLANTS WITH WARRANTY FOR LIFE*



5 YEARS OF WARRANTY PROSTHESIS COMPONENTS*



*SCAN THE LATERAL QR CODE TO ACCESS S.I.N WARRANTY TERMS OR ACCESS THE LINK
www.sinimplantsystem.com/lifetime-warranty/

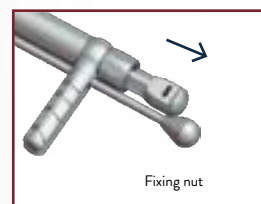


TORQUE WRENCH CLEANING PROCEDURES

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.

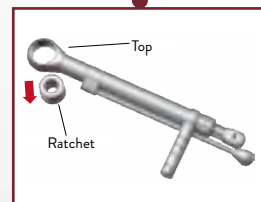
› 01



Fixing nut

Remove the ratchet.

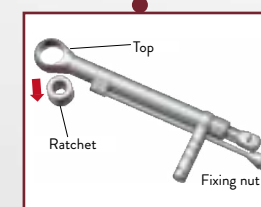
› 02



Top
Ratchet

Rotate the fastening nut in a counter-clockwise direction.

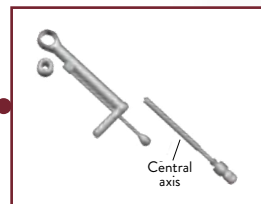
› 03



Top
Ratchet
Fixing nut

Remove the central axle.

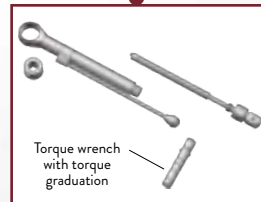
› 04



Central axis

Remove the stem torque graduation.

› 05



Torque wrench with torque graduation

Begin the washing procedure.

› 06

GENERAL INSTRUCTIONS

Special care and clarification on surgical instruments.



CLEANING KIT CASE

- Remove manually all surgical instruments from the kit. Remove the kit box parts (lid, tray and bottom).
- Prepare the enzymatic detergent, according to manufacturer's recommendation.
- Immerse the trays into the prepared detergent solution and keep in contact for at least 5 minutes, then using a soft bristle brush, scrub the parts to remove organic matter from the products.
- 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.
- Visual inspection of each part for cleaning process residue or organic waste from product use.
- If residue is detected in the product, repeat the cleaning process until the residue is completely removed.
- Dry with a soft, clean, dry cloth or disposable paper.



CLEANING SURGICAL INSTRUMENTS

- Disassemble the product (if applicable). For the torque wrench, disassembly it completely, remove all the internal organic matter using tap water and follow to the next step only after performing such procedures.
- Prepare the enzymatic detergent according to the manufacturer's recommendation.
- Immerse all parts of the product into the prepared detergent solution and keep in contact for at least 5 minutes, then using soft bristle brush, scrub the parts to remove organic matter from the products.
- 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.
- Visual inspection of each part for cleaning process residue or organic waste from product use.
- If residue is detected in the product, repeat the cleaning process until the residue is completely removed.
- Dry with a soft, clean, dry cloth or disposable paper.
- Follow to sterilization process.



STERILIZATION

- Reusable Product and provided non-sterile.
- It must be clean and sterilized in autoclave before use.
- Dry all instruments before the steam sterilization cycle.
- The product must be enclosed in a steam sterilizable wrap.
- Steam sterilize in cycles of 121°C at 1 ATM pressure for 30 minutes or of 134°C at 2 ATM pressure for 20 minutes. Drying time 30 minutes.
- Always accommodate the case in autoclave over a plane surface and away of device walls.
- Never stack objects or other cases.

CLEANING 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 or alcohol for cleaning or rinsing the surgical instruments and Kits.
- 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 recommended, 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 kits from S.I.N.

SCIENTIFIC PUBLICATIONS

- › **THE IMPACT OF BIOACTIVE SURFACES IN THE EARLY STAGES OF OSSEOINTEGRATION: AN IN VITRO COMPARATIVE STUDY EVALUATING THE HANANO® AND SLACTIVE® SUPER HYDROPHILIC SURFACES**
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