

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

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

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



Watch our movie.



IMPLANTAT



EDUCATION POWERED BY S.I.N. IMPLANT SYSTEM

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

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



 **S.I.N.**
Implant System



Epikut



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.
Scan the QR code with your cell phone camera and take a 360° tour of S.I.N. Implant System.

Global Presence

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

Guaranteed Quality and Certifications

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

ISO 46001 ISO 14001 ISO 9001 ISO 13485 CE FDA ANVISA



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 is produced by double acid-etching followed by application of a hydroxyapatite coating HAnano.



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



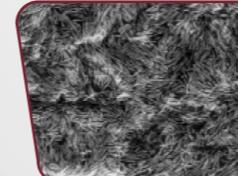
Indicated for all bone types

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 hydrophilicity, 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 and External Hex 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

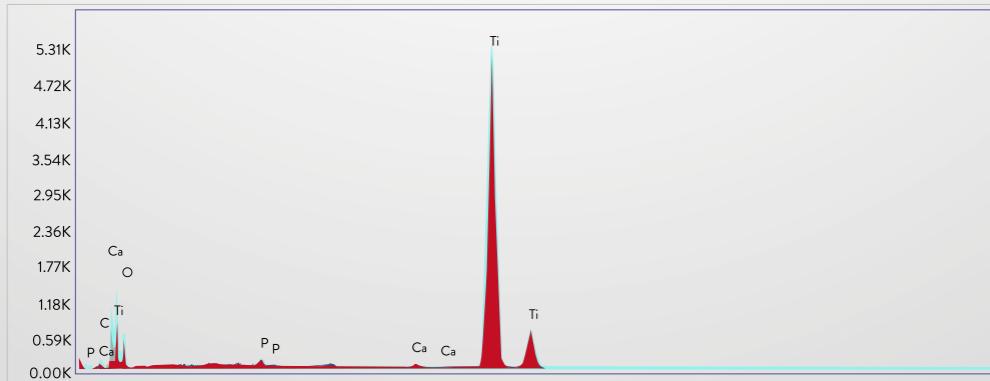
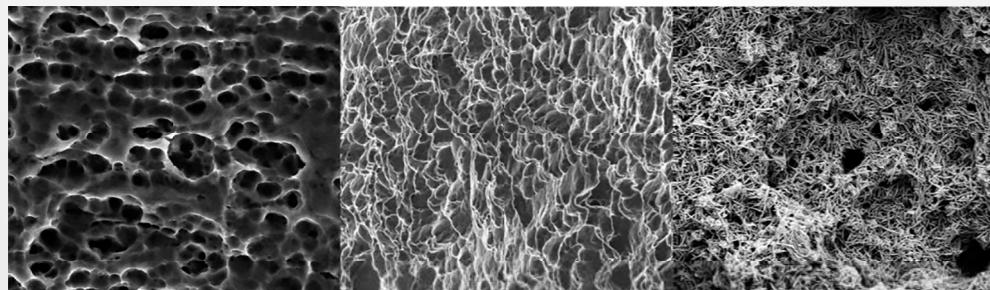
Hydroxyapatite (HA), which is the main mineral present in the natural bone structure, when applied on the surface of nanostructured titanium implants, forms a homogeneous and stable coating functioning as a scar catalyst.

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.

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.

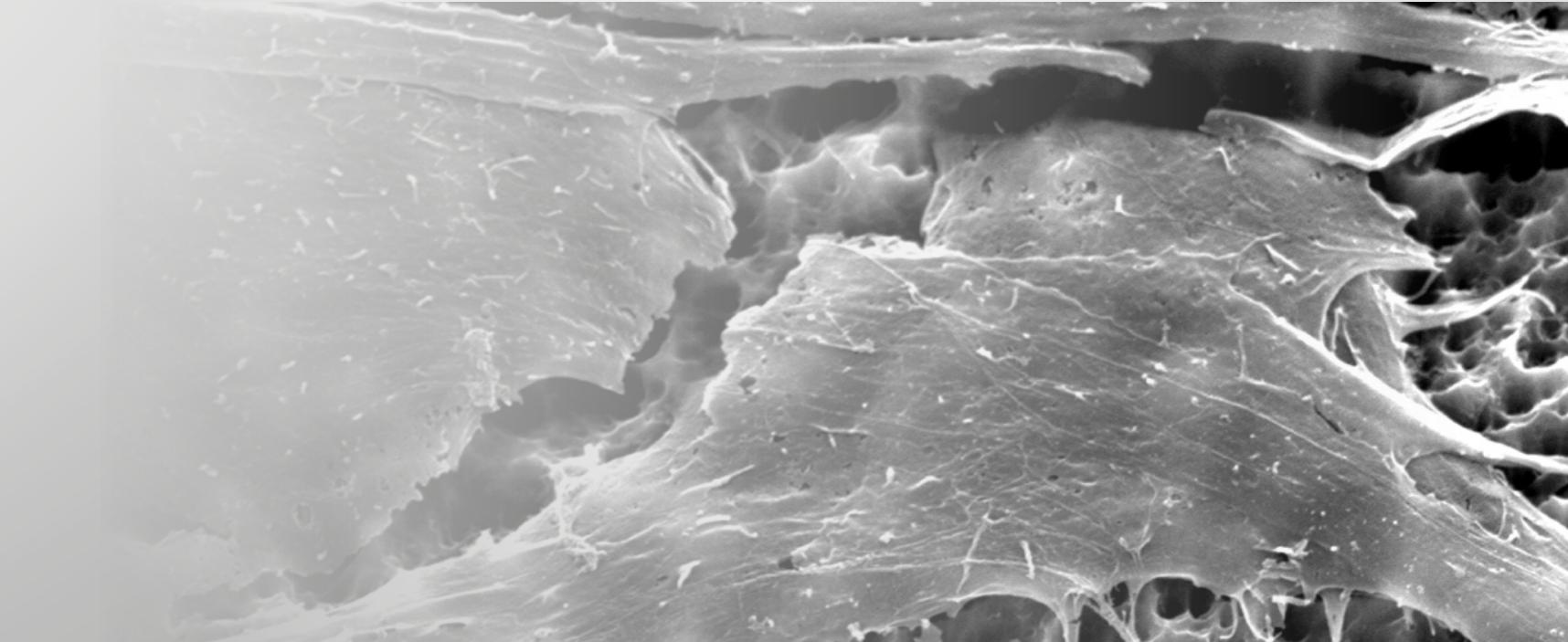
Rodrigo Granato, Edmara T.P. Bergamo, Lukasz Witek, Estevam A. Bonfante, Charles Marin, Gregory Kurgansky, Paulo G. Coelho.

BIMATERIAL 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.

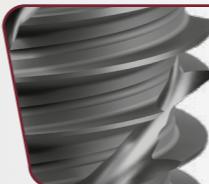


THE NEW DEFINITION OF EPIC.



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.



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.

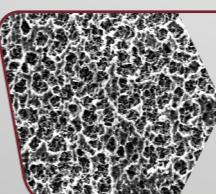
Manufactured in cold worked grade IV titanium

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. Implants with External Hex connection the double acid attack goes up to the cervical region.



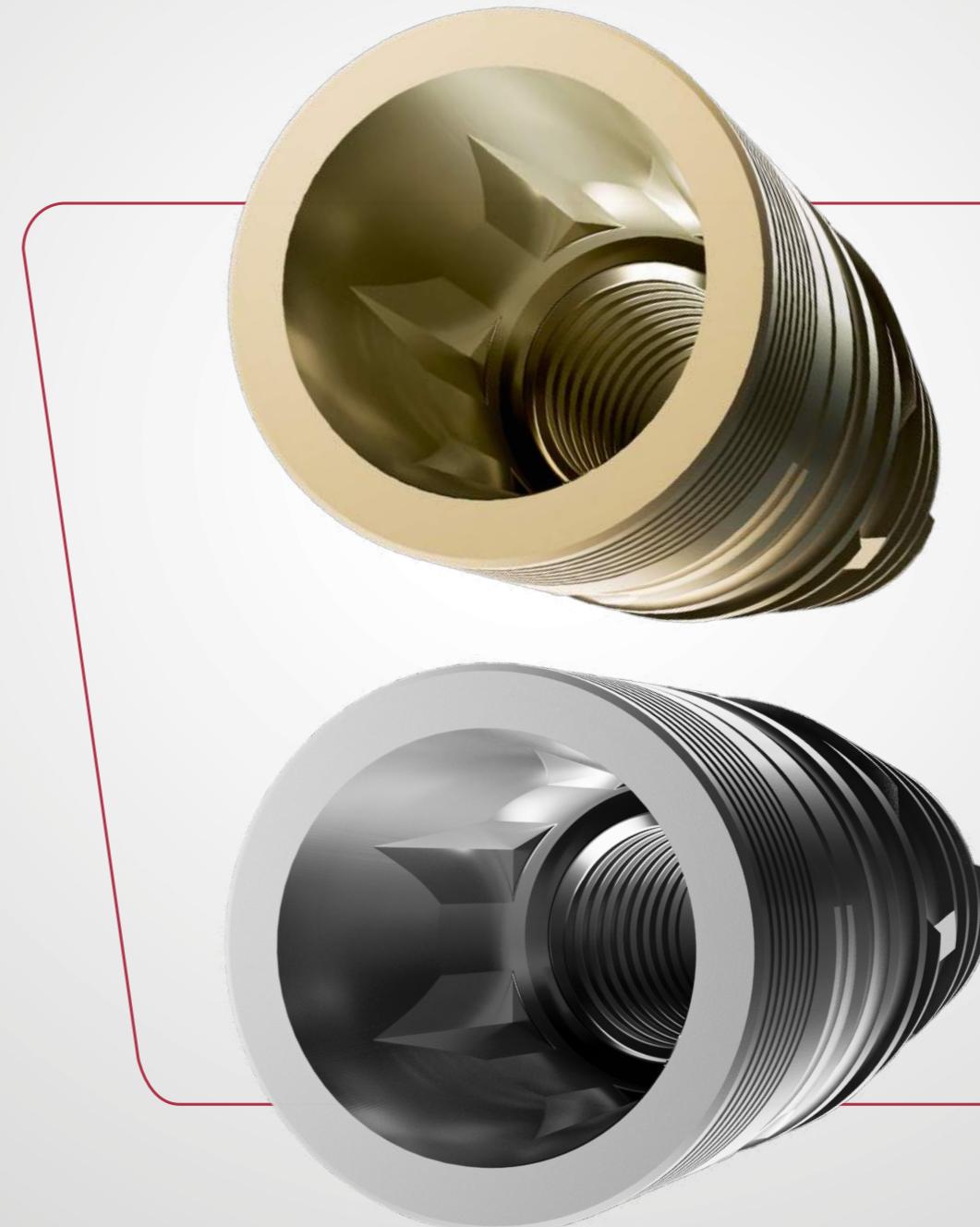
MORSE TAPER 16°

- 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 hydrophilic in EPIKUT S 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: 16°.

INDICATIONS FOR CLINICAL USE:

- 3.5 mm - Central incisors and lateral incisors
- 3.8 mm - Incisor central upper, canines and premolars.
- 4.0 mm - Incisor central upper, canines, premolars and molars
- 4.5 mm - Incisor central upper, 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



EPIKUT S MORSE TAPER 16° DRILLING SEQUENCE

FOR SOFT TYPE BONES

Drilling sequence used for bone type IV.

1.200 RPM 800 RPM

	∅ 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)
ILM35xx	3,5	●	●							
ILM38xx	3,8	●	●	●						
ILM40xx	4,0	●	●	●	●					
ILM45xx	4,5	●	●	●	●	●				
ILM50xx	5,0	●	●	●	●	●	●	●		

Epikut S Epikut S Plus

FOR MEDIUM TYPE BONES

Drilling sequence used for bone type II and III.

1.200 RPM 800 RPM

	∅ 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)
ILM35xx	3,5	●	●	●	●	●				
ILM38xx	3,8	●	●	●	●	●	●			
ILM40xx	4,0	●	●	●	●	●	●	●		
ILM45xx	4,5	●	●	●	●	●	●	●	●	●
ILM50xx	5,0	●	●	●	●	●	●	●	●	●

Epikut S Epikut S Plus

● Use of drill with countersink function - Depth of 5 mm

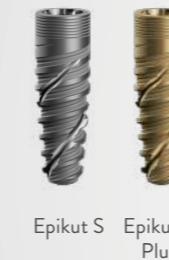
FOR HARD TYPE BONES

Drilling sequence used for bone type I.

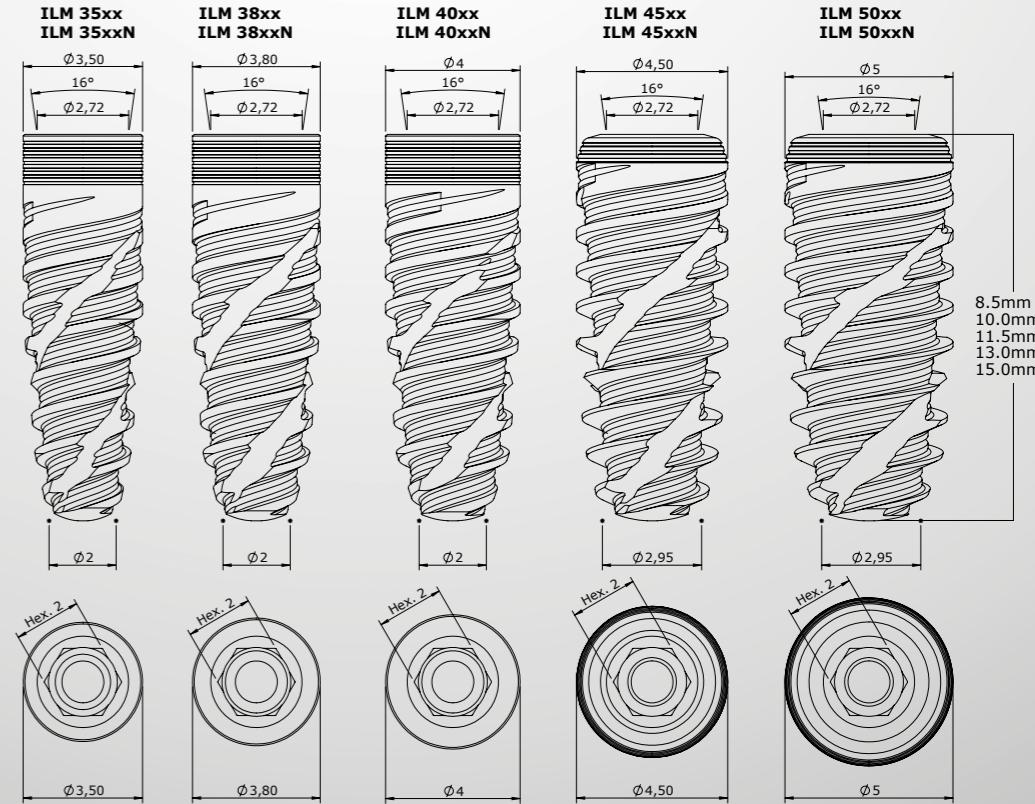
1.200 RPM

800 RPM

	∅ 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)
ILM35xx	3,5	●	●	●	●					
ILM38xx	3,8	●	●	●	●	●	●	●	●	●
ILM40xx	4,0	●	●	●	●	●	●	●	●	●
ILM45xx	4,5	●	●	●	●	●	●	●	●	●
ILM50xx	5,0	●	●	●	●	●	●	●	●	●



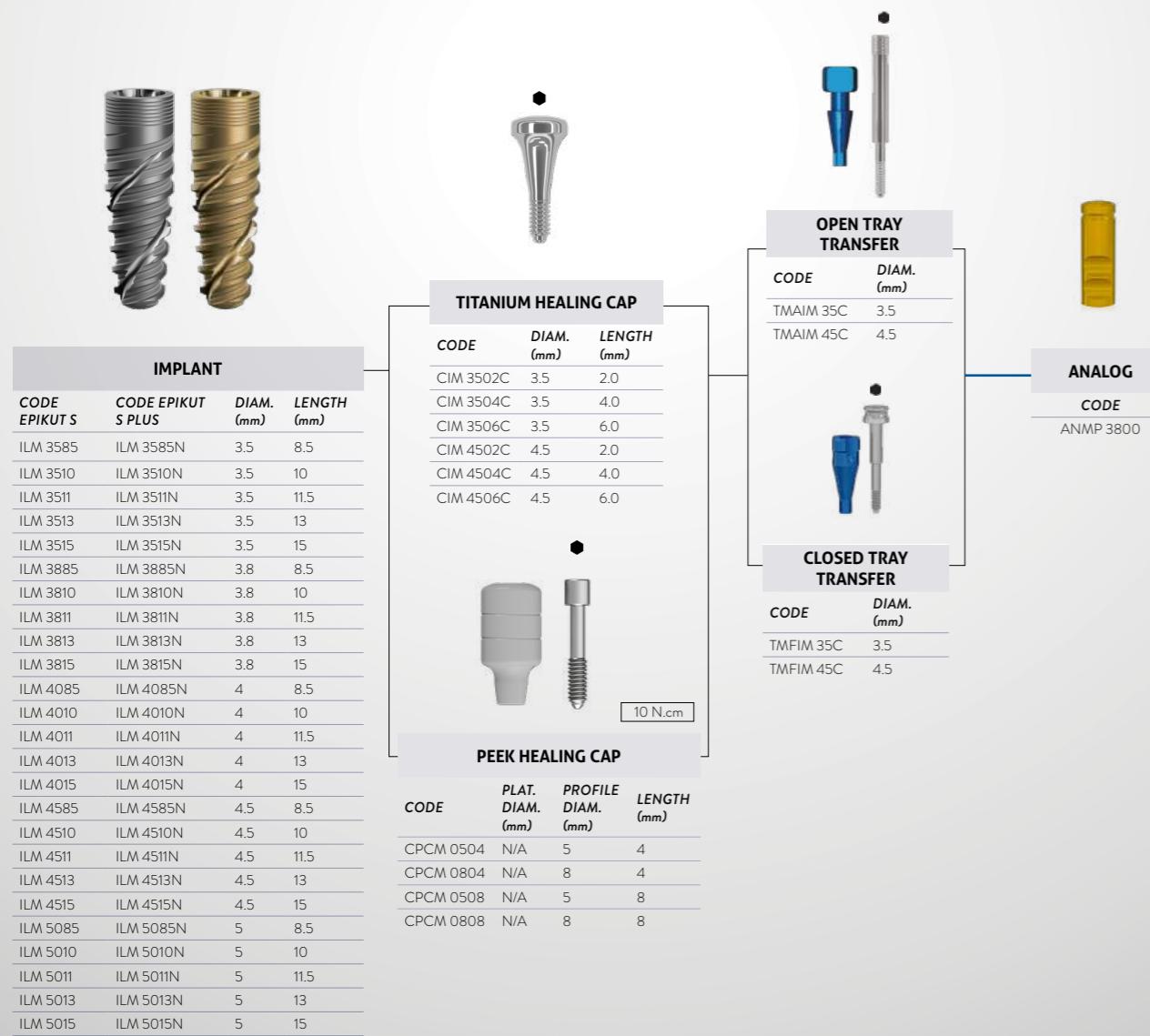
Technical measures EPIKUT S 16°



MT 16° PROSTHETIC SEQUENCE

DIRECT SEQUENCE OVER THE IMPLANT (ANALOG)

Single restorations



17° ANGLED CEMENTED ABUTMENT

CODE	DIAM. (mm)	LENGTH (mm)
AIAM 3501C-H	3.5	1.0
AIAM 3502C-H	3.5	2.0
AIAM 3503C-H	3.5	3.0
AIAM 3504C-H	3.5	4.0
AIAM 3505C-H	3.5	5.0
AIAM 4501C-H	4.5	1.0
AIAM 4502C-H	4.5	2.0
AIAM 4503C-H	4.5	3.0
AIAM 4504C-H	4.5	4.0
AIAM 4505C-H	4.5	5.0

STRAIGHT CEMENTED ABUTMENT

CODE	DIAM. (mm)	LENGTH (mm)
AIMP 3501C-H	3.5	1.0
AIMP 3502C-H	3.5	2.0
AIMP 3503C-H	3.5	3.0
AIMP 3504C-H	3.5	4.0
AIMP 3505C-H	3.5	5.0
AIMP 4501C-H	4.5	1.0
AIMP 4502C-H	4.5	2.0
AIMP 4503C-H	4.5	3.0
AIMP 4504C-H	4.5	4.0
AIMP 4505C-H	4.5	5.0

TEMPORARY TITANIUM CYLINDER

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

CO-CR ABUTMENT (NO INTERNAL THREAD)

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

EPIKUT S 16°

* Analog sequence

* Digital sequence

* Hex driver

* Anti-Rotational component

* Squared Screw

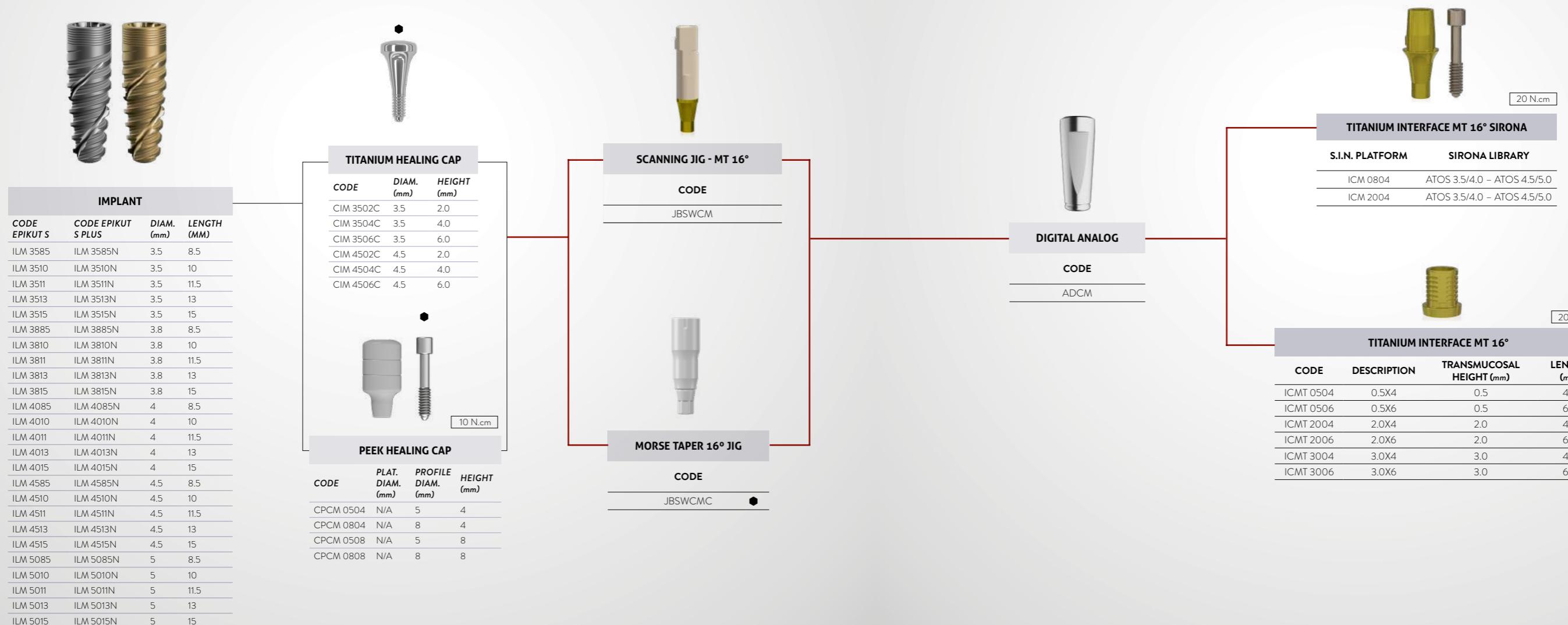
* Abutment Screw

* Rotational component

MT 16° PROSTHETIC SEQUENCE

DIRECT SEQUENCE ON IMPLANT (DIGITAL)

Single restorations



EPIKUT S 16°

* Analog sequence

* Digital sequence

* Hex driver

* Anti-Rotational component

* Squared Screw

* Abutment Screw

* Rotational component

MT 16° PROSTHETIC SEQUENCE

MULTI-UNIT ABUTMENT (ANALOG AND DIGITAL)

Multiple screw retained restorations



IMPLANT

CODE EPIKUT S PLUS	CODE EPIKUT S PLUS	DIAM. (mm)	LENGTH (MM)
ILM 3585	ILM 3585N	3.5	8.5
ILM 3510	ILM 3510N	3.5	10
ILM 3511	ILM 3511N	3.5	11.5
ILM 3513	ILM 3513N	3.5	13
ILM 3515	ILM 3515N	3.5	15
ILM 3885	ILM 3885N	3.8	8.5
ILM 3810	ILM 3810N	3.8	10
ILM 3811	ILM 3811N	3.8	11.5
ILM 3813	ILM 3813N	3.8	13
ILM 3815	ILM 3815N	3.8	15
ILM 4085	ILM 4085N	4	8.5
ILM 4010	ILM 4010N	4	10
ILM 4011	ILM 4011N	4	11.5
ILM 4013	ILM 4013N	4	13
ILM 4015	ILM 4015N	4	15
ILM 4585	ILM 4585N	4.5	8.5
ILM 4510	ILM 4510N	4.5	10
ILM 4511	ILM 4511N	4.5	11.5
ILM 4513	ILM 4513N	4.5	13
ILM 4515	ILM 4515N	4.5	15
ILM 5085	ILM 5085N	5	8.5
ILM 5010	ILM 5010N	5	10
ILM 5011	ILM 5011N	5	11.5
ILM 5013	ILM 5013N	5	13
ILM 5015	ILM 5015N	5	15

*Use hexagonal driver 1.2 mm

INDEXED ANGLED MULTI-UNIT ABUTMENT

CODE	DIAM. (mm)	HEIGHT (mm)
MAAM 4802I	4.8	2
MAAM 4803I	4.8	3
MAAM 4804I	4.8	4
MAAM 4832I	4.8	2
MAAM 4833I	4.8	3
MAAM 4834I	4.8	4

*Use hexagonal driver 1.2 mm

STRAIGHT MULTI-UNIT ABUTMENT

CODE	DIAM. (mm)	HEIGHT (mm)
MAM 4801 C	4.8	1
MAM 4802 C	4.8	2
MAM 4803 C	4.8	3
MAM 4804 C	4.8	4

20 N.cm



OPEN TRAY TRANSFER

CODE
TMAM 4800

CLOSED TRAY TRANSFER

CODE
TMFM 4800

ABUTMENT PROTECTOR

CODE
PMA 4855
5.0 mm profile

ANALOG

CODE
ANMA 4800

TEMPORARY TITANIUM CYLINDER

CODE
PTM 4800-3 For straight multi-unit
PTMS 4800-3 For straight multi-unit Suitable for laser welding
PTM 4800-2 For angled multi-unit

10 N.cm

CALCINABLE AND CO-CR CYLINDER

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

10 N.cm

POLISHING PROTECTOR

CODE
PPM 01

RETAINING SCREW

CODE DIAM. (mm)
PL1405 Short 1.4
PTMA 13-1 Long 1.4

CODE HEIGHT (mm)
PRH 20 2 For angled multi-unit
PRH 30 3 For straight multi-unit

10 N.cm



MULTI-UNIT ABUTMENT JIG

CODE
JBMA

DIGITAL ANALOG MINI ABUT

CODE
ADMA

MULTI-UNIT ABUTMENT JIG

CODE
JBMAC

TITANIUM INTERFACE MULTI-UNIT ABUT

CODE LENGTH (mm)
IMAT 04 4.0
IMAT 06 6.0

10 N.cm

CODE LENGTH (mm)
IMAC 04 4.0
IMAC 06 6.0

10 N.cm

EPIKUT S 16°

* Analog sequence

* Digital sequence

* Hex driver

* Anti-Rotational component

* Squared Screw

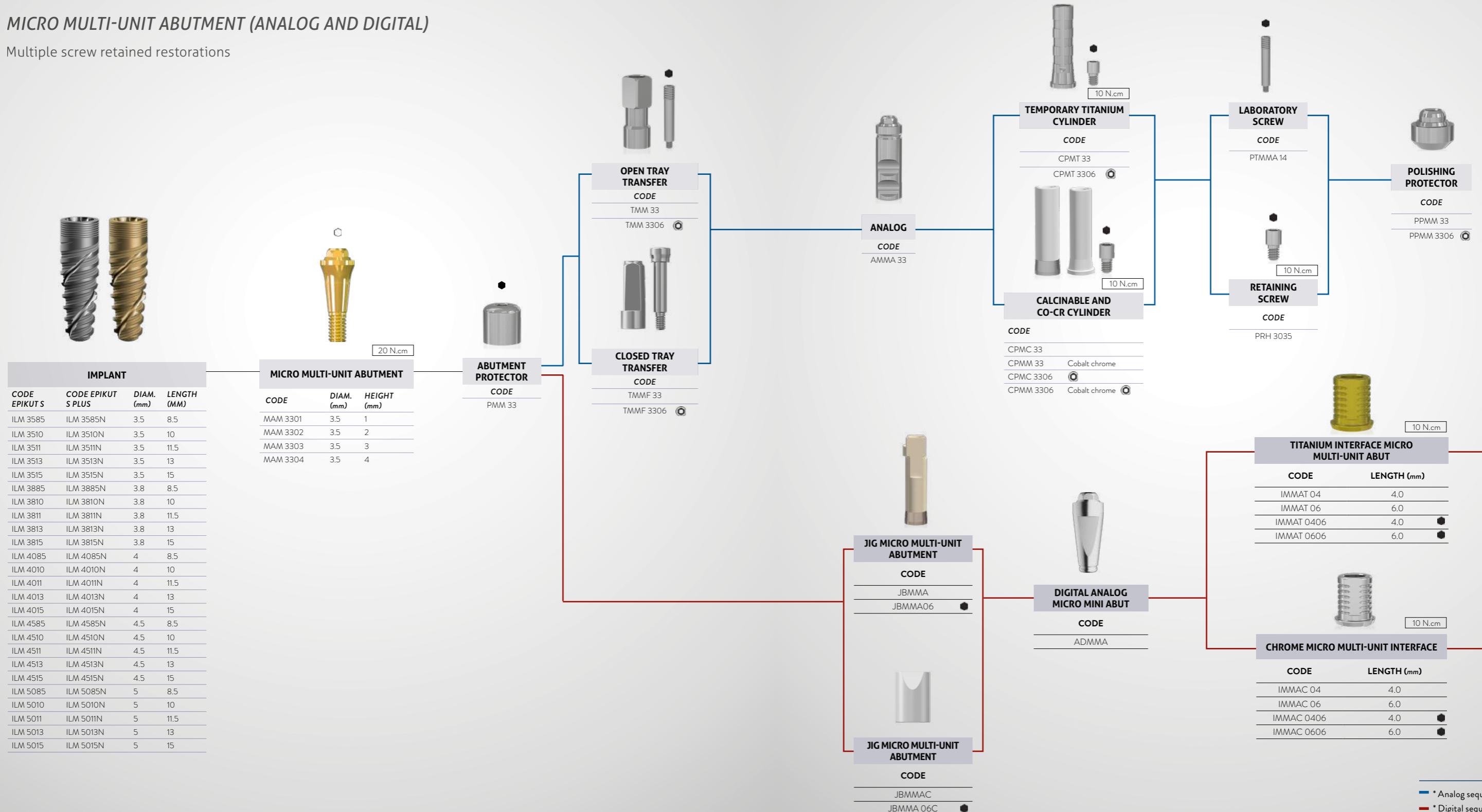
* Abutment Screw

* Rotational component

MT 16° PROSTHETIC SEQUENCE

MICRO MULTI-UNIT ABUTMENT (ANALOG AND DIGITAL)

Multiple screw retained restorations



* Analog sequence

* Digital sequence

* Hex driver

* Anti-Rotational component

* Squared Screw

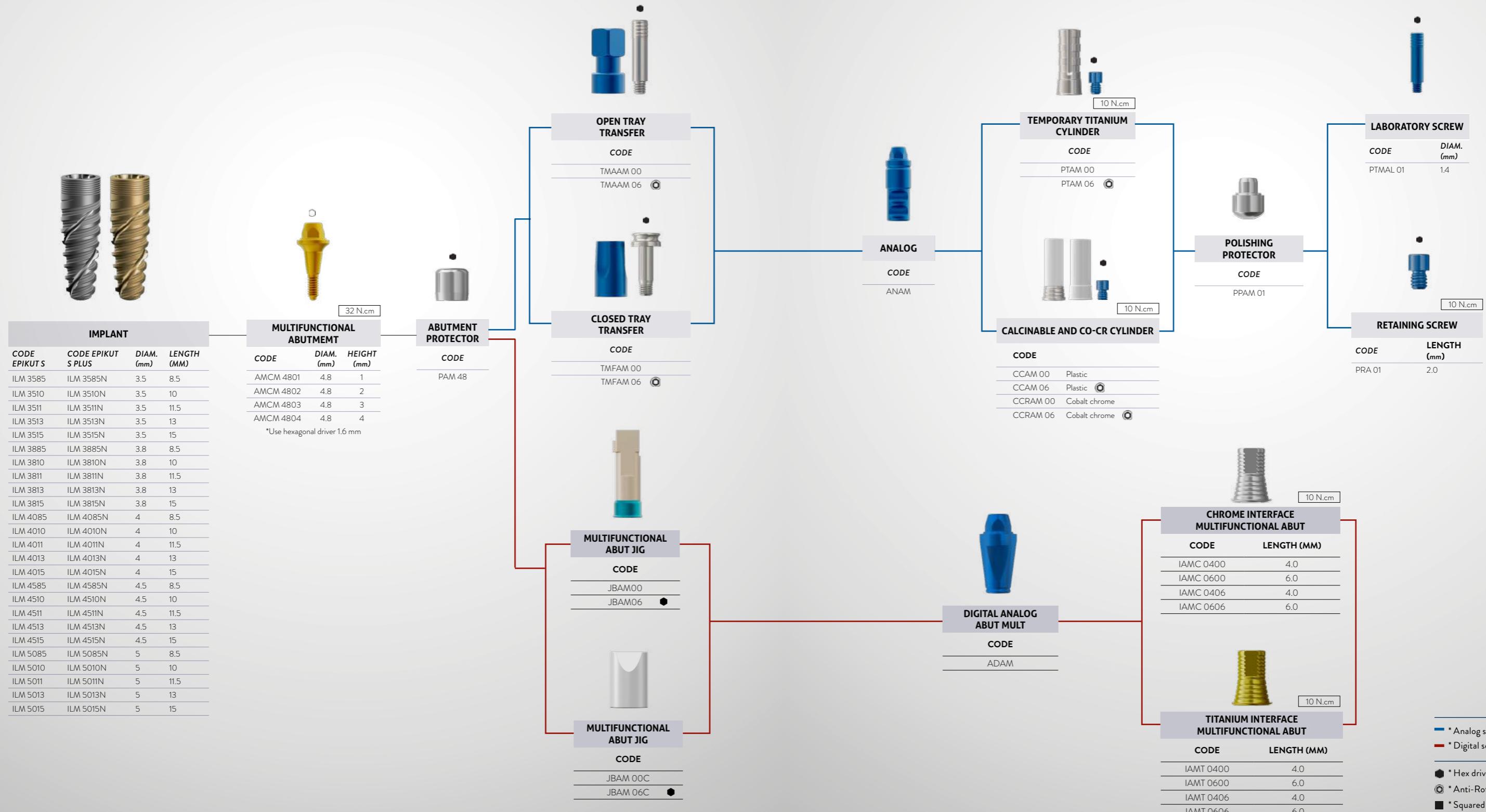
* Abutment Screw

* Rotational component

MT 16° PROSTHETIC SEQUENCE

MULTIFUNCTIONAL ABUTMENT (ANALOG AND DIGITAL)

Multiple screw retained restorations



*Check product availability in your country.

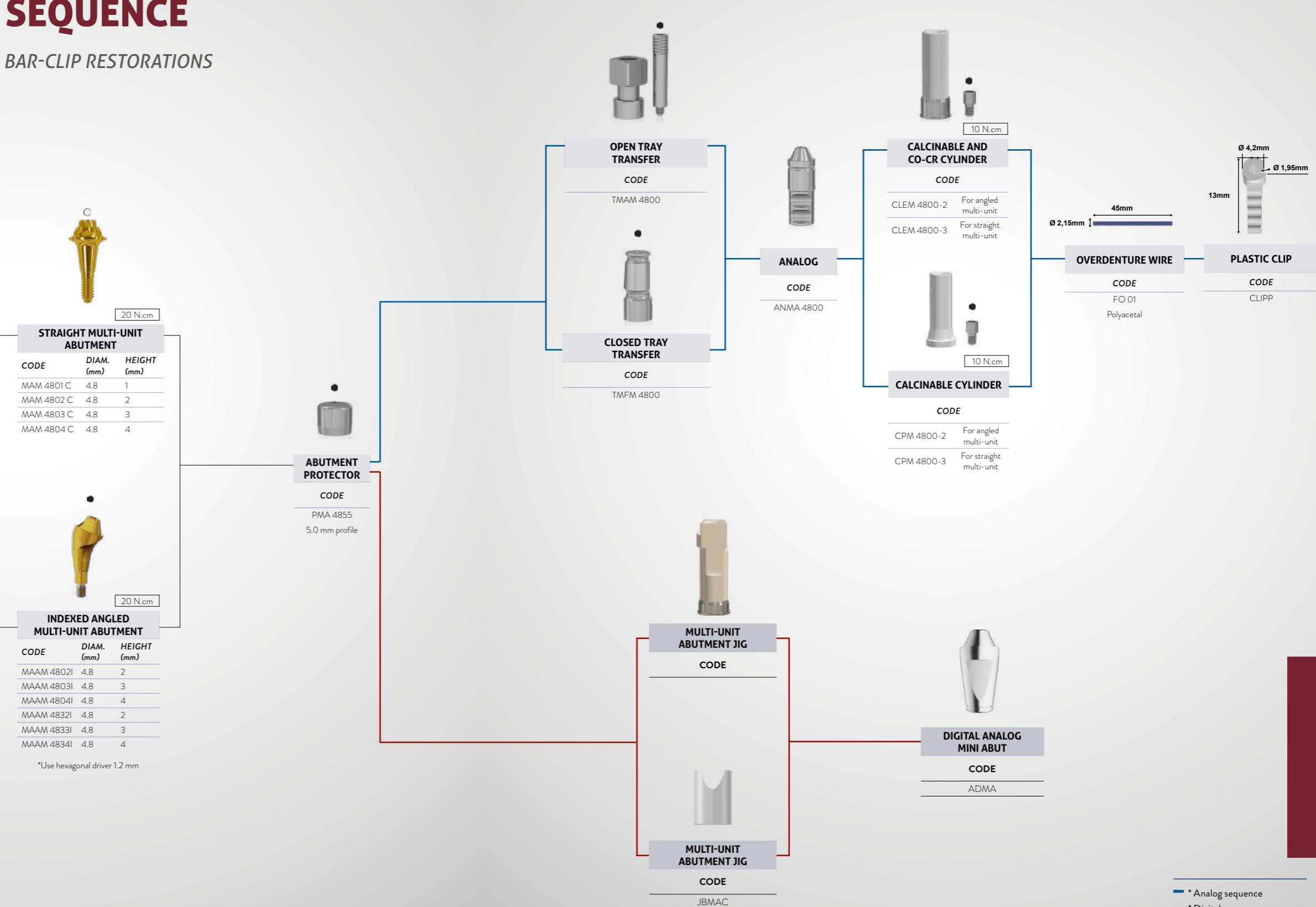
MT 16° PROSTHETIC SEQUENCE

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



IMPLANT			
CODE EPIKUT S	CODE EPIKUT S PLUS	DIAM. (mm)	LENGTH (MM)
ILM 3585	ILM 3585N	3.5	8.5
ILM 3510	ILM 3510N	3.5	10
ILM 3511	ILM 3511N	3.5	11.5
ILM 3513	ILM 3513N	3.5	13
ILM 3515	ILM 3515N	3.5	15
ILM 3885	ILM 3885N	3.8	8.5
ILM 3810	ILM 3810N	3.8	10
ILM 3811	ILM 3811N	3.8	11.5
ILM 3813	ILM 3813N	3.8	13
ILM 3815	ILM 3815N	3.8	15
ILM 4085	ILM 4085N	4	8.5
ILM 4010	ILM 4010N	4	10
ILM 4011	ILM 4011N	4	11.5
ILM 4013	ILM 4013N	4	13
ILM 4015	ILM 4015N	4	15
ILM 4585	ILM 4585N	4.5	8.5
ILM 4510	ILM 4510N	4.5	10
ILM 4511	ILM 4511N	4.5	11.5
ILM 4513	ILM 4513N	4.5	13
ILM 4515	ILM 4515N	4.5	15
ILM 5085	ILM 5085N	5	8.5
ILM 5010	ILM 5010N	5	10
ILM 5011	ILM 5011N	5	11.5
ILM 5013	ILM 5013N	5	13
ILM 5015	ILM 5015N	5	15

*Use hexagonal driver 1.2 mm



* Analog sequence

* Digital sequence

* Hex driver

* Anti-Rotational component

* Squared Screw

* Abutment Screw

* Rotational component

Epikut^s

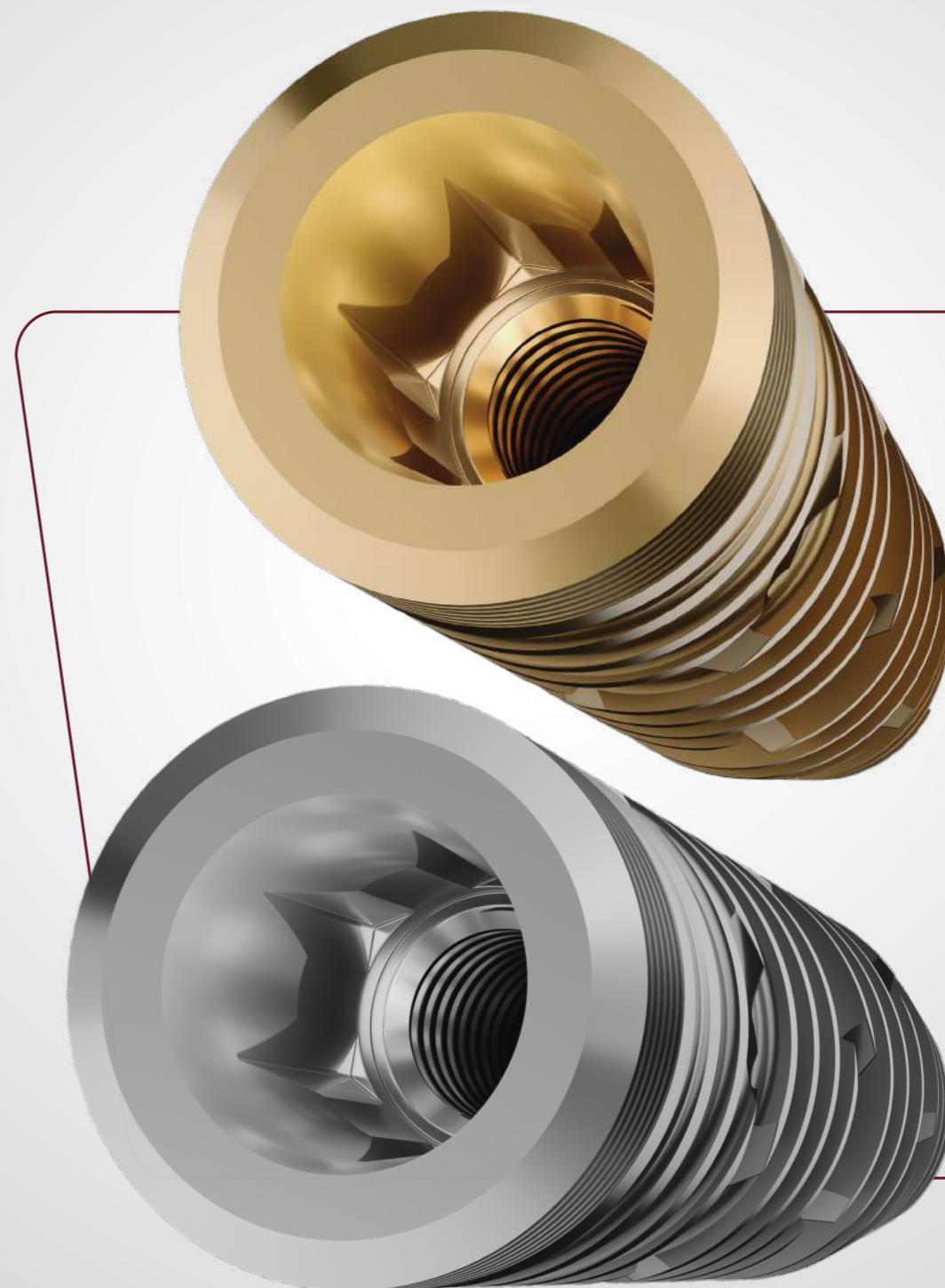
MORSE TAPER 16° LONG

- Indicated for intraoral surgical placement in the maxilla, preferably in bones type III and IV (low density bones), for total edentulism cases, post extraction alveolus, immediate and delayed loading.
- High hydrophilia in EPIKUT S LONG 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: 16°.

INDICATIONS FOR CLINICAL USE:

- 3.8 - Anterior region
- 4.0 - Anterior and posterior region
- 4.5 - Posterior region

- Infra-bone installation
- Initial drill speed: 1200 rpm
- Speed of the drills 2.3 to 4.3 mm: 800 rpm.
- Insertion speed: 20 to 40 rpm
- Maximum torque: 80 N.cm
- Immediate loading*: recommended torque from 45 to 80 N.cm



EPIKUT S LONG 16° PROSTHETIC SEQUENCE

FOR SOFT TYPE BONES

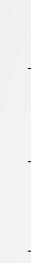
Drilling sequence used for bone type IV.

1.200 RPM 800 RPM

	∅ 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)
ILM38xx	3.8	●	●	●					
ILM40xx	4.0	●	●	●	●				
ILM45xx	4.5	●	●	●	●	●			



Epikut S
Long



Epikut S
Long Plus

FOR MEDIUM TYPE BONES

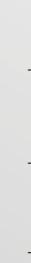
Drilling sequence used for bone type II and III.

1.200 RPM 800 RPM

	∅ 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)
ILM38xx	3.8	●	●	●	●	●			
ILM40xx	4.0	●	●	●	●	●	●		
ILM45xx	4.5	●	●	●	●	●	●	●	●



Epikut S
Long



Epikut S
Long Plus

● USE OF DRILL IS OPTIONAL

FOR HARD TYPE BONES

Drilling sequence used for bone type I.

1.200 RPM 800 RPM

	∅ 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)
ILM38xx	3.8	●	●	●	●	●	●	●	●
ILM40xx	4.0	●	●	●	●	●	●	●	●
ILM45xx	4.5	●	●	●	●	●	●	●	●



Epikut S
Long



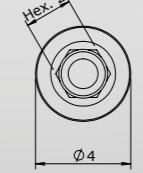
Epikut S
Long Plus

Technical measures EPIKUT S LONG 16°

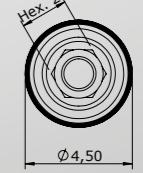
ILM 38xx
ILM 38xxN



ILM 40xx
ILM 40xxN



ILM 45xx
ILM 45xxN



18mm
20.0mm
22.0mm
24.0mm

● USE OF DRILL IS OPTIONAL

MT 16° LONG PROSTHETIC SEQUENCE

MULTI-UNIT ABUTMENT (ANALOGIC AND DIGITAL)

Multiple screw retained restorations



IMPLANT

CODE EPIKUT S LONG	CODE EPIKUT S LONG PLUS	DIAM. (mm)	LENGTH (MM)
ILM 3818	ILM 3818N	3.8	18
ILM 3820	ILM 3820N	3.8	20
ILM 3822	ILM 3822N	3.8	22
ILM 3824	ILM 3824N	3.8	24
ILM 4018	ILM 4018N	4.0	18
ILM 4020	ILM 4020N	4.0	20
ILM 4022	ILM 4022N	4.0	22
ILM 4024	ILM 4024N	4.0	24
ILM 4518	ILM 4518N	4.5	18
ILM 4520	ILM 4520N	4.5	20
ILM 4522	ILM 4522N	4.5	22
ILM 4524	ILM 4524N	4.5	24

*Use hexagonal driver 1.2 mm

INDEXED ANGLED MULTI-UNIT ABUTMENT

CODE	DIAM. (mm)	HEIGHT (mm)
MAAM 4802I	4.8	2
MAAM 4803I	4.8	3
MAAM 4804I	4.8	4
MAAM 4832I	4.8	2
MAAM 4833I	4.8	3
MAAM 4834I	4.8	4



STRAIGHT MULTI-UNIT ABUTMENT

CODE	DIAM. (mm)	HEIGHT (mm)
MAM 4801 C	4.8	1
MAM 4802 C	4.8	2
MAM 4803 C	4.8	3
MAM 4804 C	4.8	4

20 N.cm



INDEXED ANGLED MULTI-UNIT ABUTMENT

CODE	DIAM. (mm)	HEIGHT (mm)
MAAM 4802I	4.8	2
MAAM 4803I	4.8	3
MAAM 4804I	4.8	4
MAAM 4832I	4.8	2
MAAM 4833I	4.8	3
MAAM 4834I	4.8	4

20 N.cm

*Use hexagonal driver 1.2 mm



OPEN TRAY TRANSFER

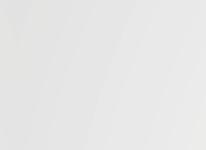
CODE
TMAM 4800

CLOSED TRAY TRANSFER

CODE
TMFM 4800

ABUTMENT PROTECTOR

CODE
PMA 4855
5.0 mm profile



ANALOG

CODE
ANMA 4800



TEMPORARY TITANIUM CYLINDER

CODE
PTM 4800-3 For straight multi-unit
PTMS 4800-3 For straight multi-unit Suitable for laser welding
PTM 4800-2 For angled multi-unit

10 N.cm



CALCINABLE AND CO-CR CYLINDER

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

10 N.cm



POLISHING PROTECTOR

CODE
PPM 01



LABORATORY SCREW

CODE
DIAM.
PL 1405 Short 1.4
PTMA 13-1 Long 1.4

RETAINING SCREW

CODE
HEIGHT
PRH 20 2 For angled multi-unit
PRH 30 3 For straight multi-unit

10 N.cm



MULTI-UNIT ABUTMENT JIG

CODE
JBMA



DIGITAL ANALOG MINI ABUT

CODE
ADMA

EPIKUT S LONG 16°

* Analog sequence

* Digital sequence

* Hex driver

* Anti-Rotational component

* Squared Screw

* Abutment Screw

* Rotational component

Epikut

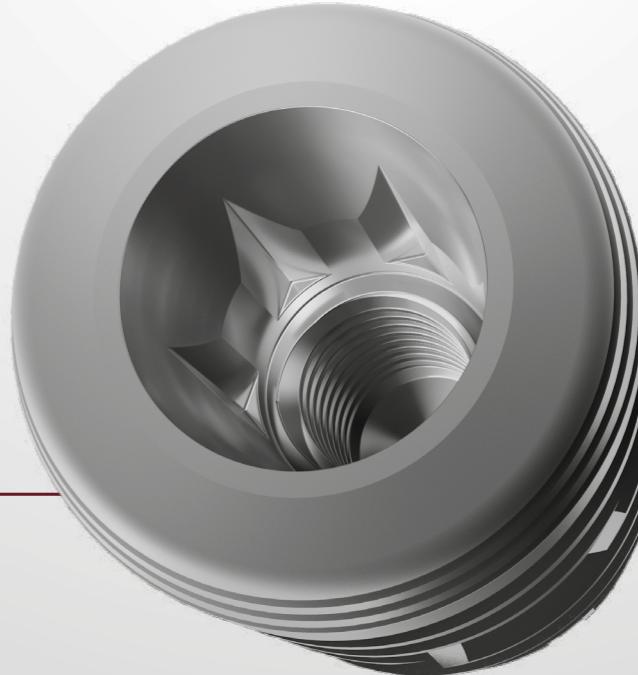
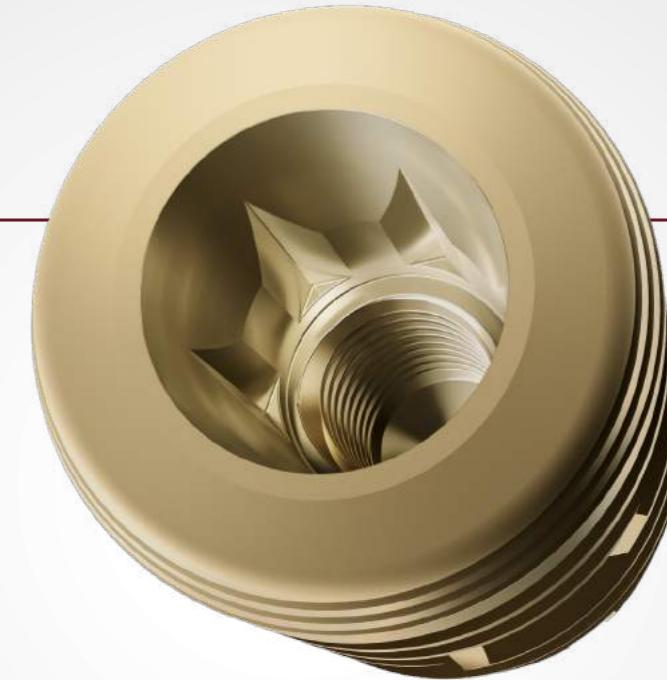
MORSE TAPER 11.5°

- 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 hydrophilic 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
- 4.5 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



EPIKUT MORSE TAPER 11.5 DRILLING SEQUENCE

FOR SOFT TYPE BONES

Drilling sequence used
for bone type IV.

		1.200 RPM		800 RPM						
	∅ DIÂM. (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)
	ILCM35xx	3,5	●	●						
	ILCM38xx	3,8	●	●	●					
	ILCM45xx	4,5	●	●	●	●	●			
	ILCM50xx	5,0	●	●	●	●	●	●	●	●

FOR MEDIUM TYPE BONES

Drilling sequence used
for bone type II e III.

		1.200 RPM		800 RPM						
	∅ DIÂM. (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)
	ILCM35xx	3,5	●	●	●	●				
	ILCM38xx	3,8	●	●	●	●	●			
	ILCM45xx	4,5	●	●	●	●	●	●	●	●
	ILCM50xx	5,0	●	●	●	●	●	●	●	●

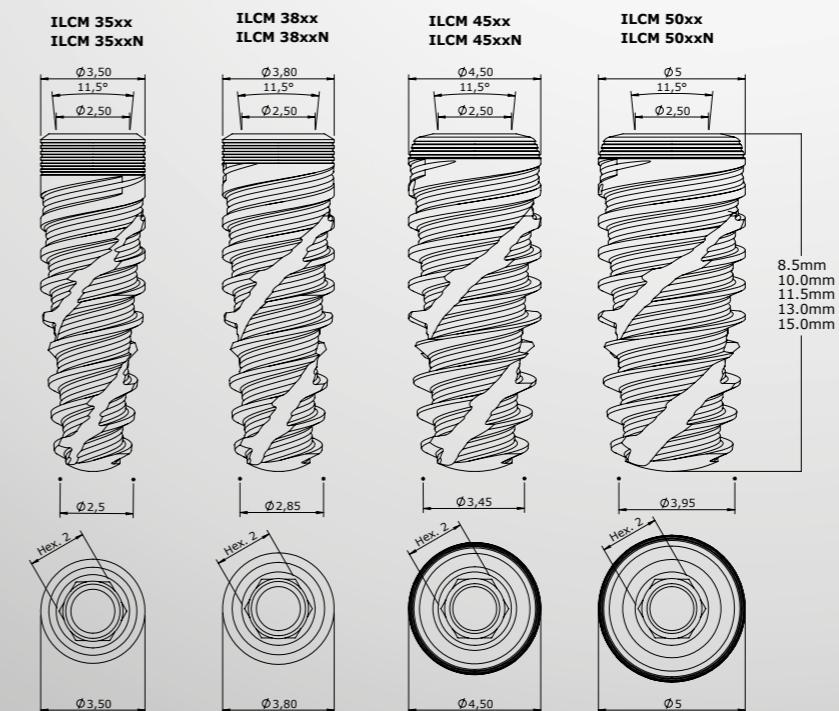
● Use of drill with countersink function - depth of 5 mm

FOR HARD TYPE BONES

Drilling sequence used
for bone type I.

		1.200 RPM		800 RPM						
	∅ DIÂM. (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)
	ILCM35xx	3,5	●	●	●	●	●			
	ILCM38xx	3,8	●	●	●	●	●	●	●	●
	ILCM45xx	4,5	●	●	●	●	●	●	●	●
	ILCM50xx	5,0	●	●	●	●	●	●	●	●

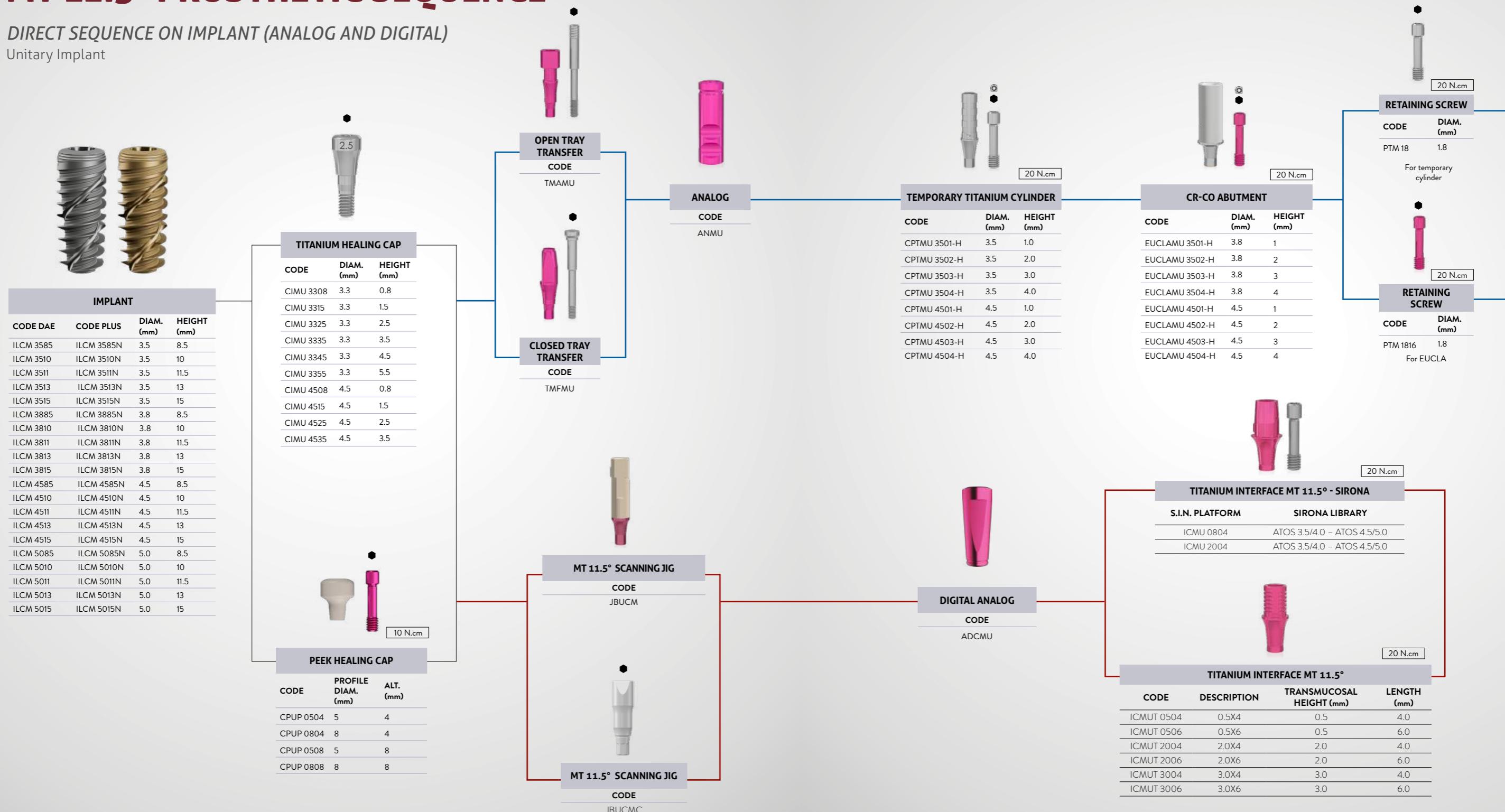
Technical measures EPIKUT MORSE TAPER 11.5°



MT 11.5° PROSTHETIC SEQUENCE

DIRECT SEQUENCE ON IMPLANT (ANALOG AND DIGITAL)

Unitary Implant



* 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)

Universal abutment pre-made posts



IMPLANT

CODE DAE	CODE PLUS	DIAM. (mm)	HEIGHT (mm)
ILCM 3585	ILCM 3585N	3.5	8.5
ILCM 3510	ILCM 3510N	3.5	10
ILCM 3511	ILCM 3511N	3.5	11.5
ILCM 3513	ILCM 3513N	3.5	13
ILCM 3515	ILCM 3515N	3.5	15
ILCM 3885	ILCM 3885N	3.8	8.5
ILCM 3810	ILCM 3810N	3.8	10
ILCM 3811	ILCM 3811N	3.8	11.5
ILCM 3813	ILCM 3813N	3.8	13
ILCM 3815	ILCM 3815N	3.8	15
ILCM 4585	ILCM 4585N	4.5	8.5
ILCM 4510	ILCM 4510N	4.5	10
ILCM 4511	ILCM 4511N	4.5	11.5
ILCM 4513	ILCM 4513N	4.5	13
ILCM 4515	ILCM 4515N	4.5	15
ILCM 5085	ILCM 5085N	5.0	8.5
ILCM 5010	ILCM 5010N	5.0	10
ILCM 5011	ILCM 5011N	5.0	11.5
ILCM 5013	ILCM 5013N	5.0	13
ILCM 5015	ILCM 5015N	5.0	15



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

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.

ABUTMENT PROTECTOR

CODE
PAM 48

PEEK HEALING CAP

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

10 N.cm



OPEN TRAY TRANSFER

CODE
TMAAM 00
TMAAM 06

ANALOG

CODE
ANAM

CLOSED TRAY TRANSFER

CODE
TMFAM 00
TMFAM 06

MULTIFUNCTIONAL ABUT SCANNING JIG

CODE
JBAM00
JBAM06

MULTIFUNCTIONAL ABUT SCANNING JIG

CODE
JBAM 00C
JBAM 06C



TEMPORARY TITANIUM CYLINDER

CODE
PTAM 00
PTAM 06

CALCINABLE AND CR-CO CYLINDER

CODE
CCAM 00
CCAM 06
CCRAM 00 Cobalt chrome
CCRAM 06 Cobalt chrome

MULTIFUNCTIONAL ABUT DIGITAL ANALOG

CODE
ADAM

MULTIFUNCTIONAL ABUT

CODE LENGTH (mm)
IAMC 0400 4.0
IAMC 0600 6.0

CODE LENGTH (mm)
IAMC 0406 4.0
IAMC 0606 6.0

TITANIUM INTERFACE MULTIFUNCTIONAL ABUT

CODE LENGTH (mm)
IAMT 0400 4.0
IAMT 0600 6.0

CODE LENGTH (mm)
IAMT 0406 4.0
IAMT 0606 6.0

RETAINING SCREW

CODE
PRA 01
10 N.cm

CODE
PPAM 01
10 N.cm

POLISHING PROTECTOR

CODE
PTMAL 01

CODE
LABORATORY SCREW

CHROME INTERFACE MULTIFUNCTIONAL ABUT

CODE LENGTH (mm)
IAMC 0400 4.0
IAMC 0600 6.0

CODE LENGTH (mm)
IAMC 0406 4.0
IAMC 0606 6.0

TITANIUM INTERFACE MULTIFUNCTIONAL ABUT

CODE LENGTH (mm)
IAMT 0400 4.0
IAMT 0600 6.0

CODE LENGTH (mm)
IAMT 0406 4.0
IAMT 0606 6.0

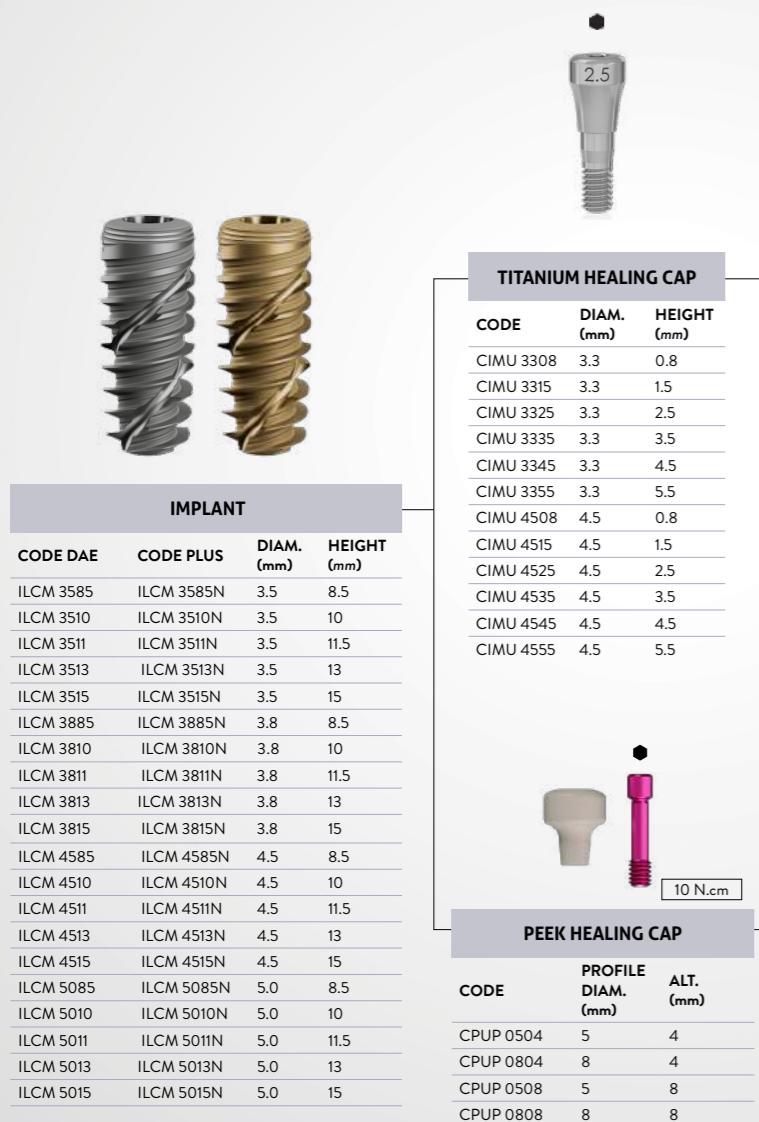
- * Analog sequence
- * Digital sequence

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

MT 11.5° PROSTHETIC SEQUENCE

MULTI-UNIT ABUTMENTS (ANALOG AND DIGITAL)

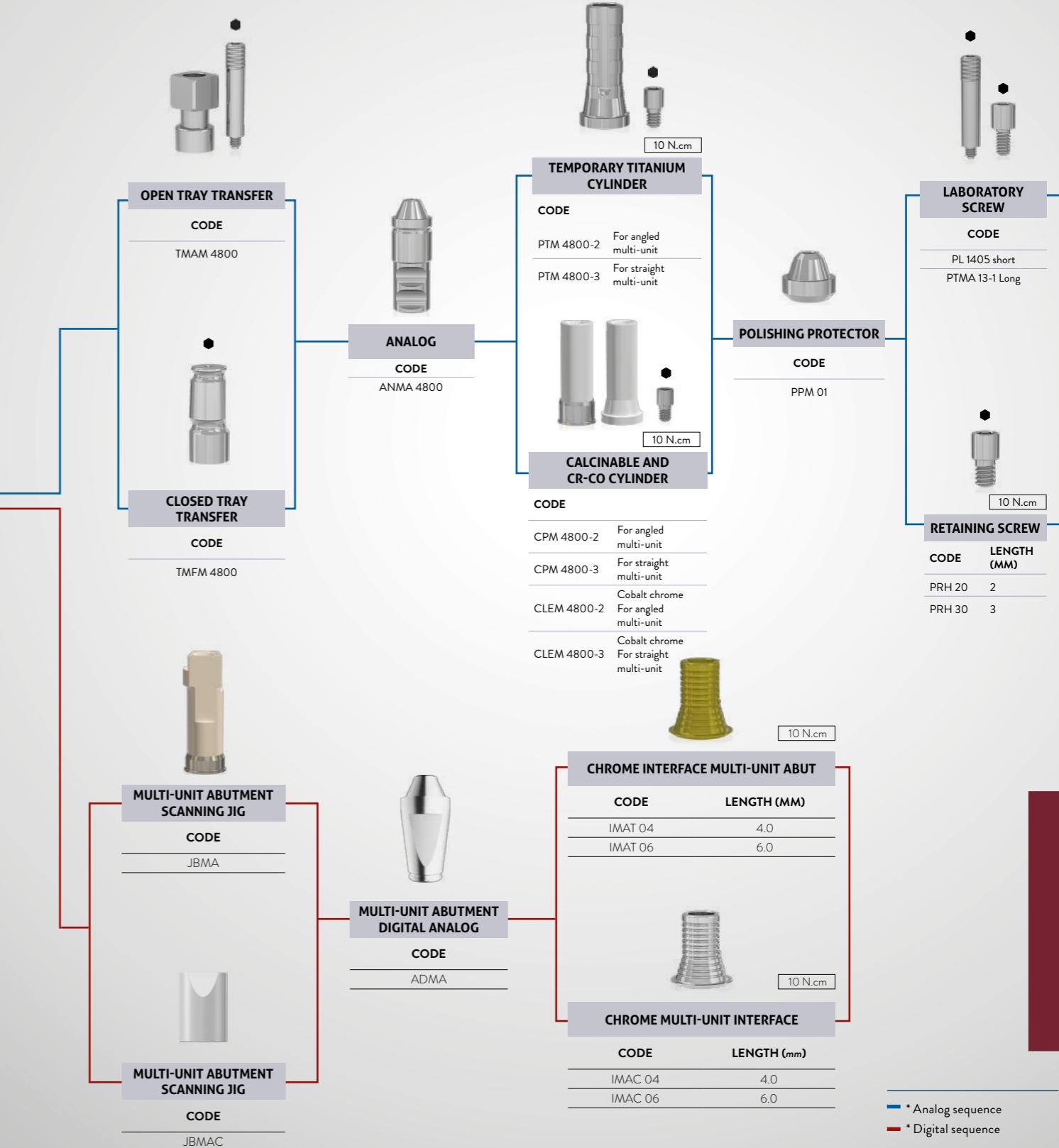
Multiple screw retained restorations



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	

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

Use hexagonal driver 1.2 mm



EPIKUT MT 11.5°

* Analog sequence

* Digital sequence

* Hex driver

* Anti-Rotational component

* Squared Screw

* Abutment Screw

* Rotational component

MT 11.5° PROSTHETIC SEQUENCE

MICRO MULTI-UNIT ABUTMENTS

Single / Multiple screw retained restorations



IMPLANT			
CODE DAE	CODE PLUS	DIAM. (mm)	HEIGHT (mm)
ILCM 3585	ILCM 3585N	3.5	8.5
ILCM 3510	ILCM 3510N	3.5	10
ILCM 3511	ILCM 3511N	3.5	11.5
ILCM 3513	ILCM 3513N	3.5	13
ILCM 3515	ILCM 3515N	3.5	15
ILCM 3885	ILCM 3885N	3.8	8.5
ILCM 3810	ILCM 3810N	3.8	10
ILCM 3811	ILCM 3811N	3.8	11.5
ILCM 3813	ILCM 3813N	3.8	13
ILCM 3815	ILCM 3815N	3.8	15
ILCM 4585	ILCM 4585N	4.5	8.5
ILCM 4510	ILCM 4510N	4.5	10
ILCM 4511	ILCM 4511N	4.5	11.5
ILCM 4513	ILCM 4513N	4.5	13
ILCM 4515	ILCM 4515N	4.5	15
ILCM 5085	ILCM 5085N	5.0	8.5
ILCM 5010	ILCM 5010N	5.0	10
ILCM 5011	ILCM 5011N	5.0	11.5
ILCM 5013	ILCM 5013N	5.0	13
ILCM 5015	ILCM 5015N	5.0	15

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)	ALT. (mm)
CPUP 0504	5	4
CPUP 0804	8	4
CPUP 0508	5	8
CPUP 0808	8	8

ABUTMENT PROTECTOR

ABUTMENT PROTECTOR

CODE
PMM 33

MICRO MINI 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

ABUTMENT SCANNING JIG

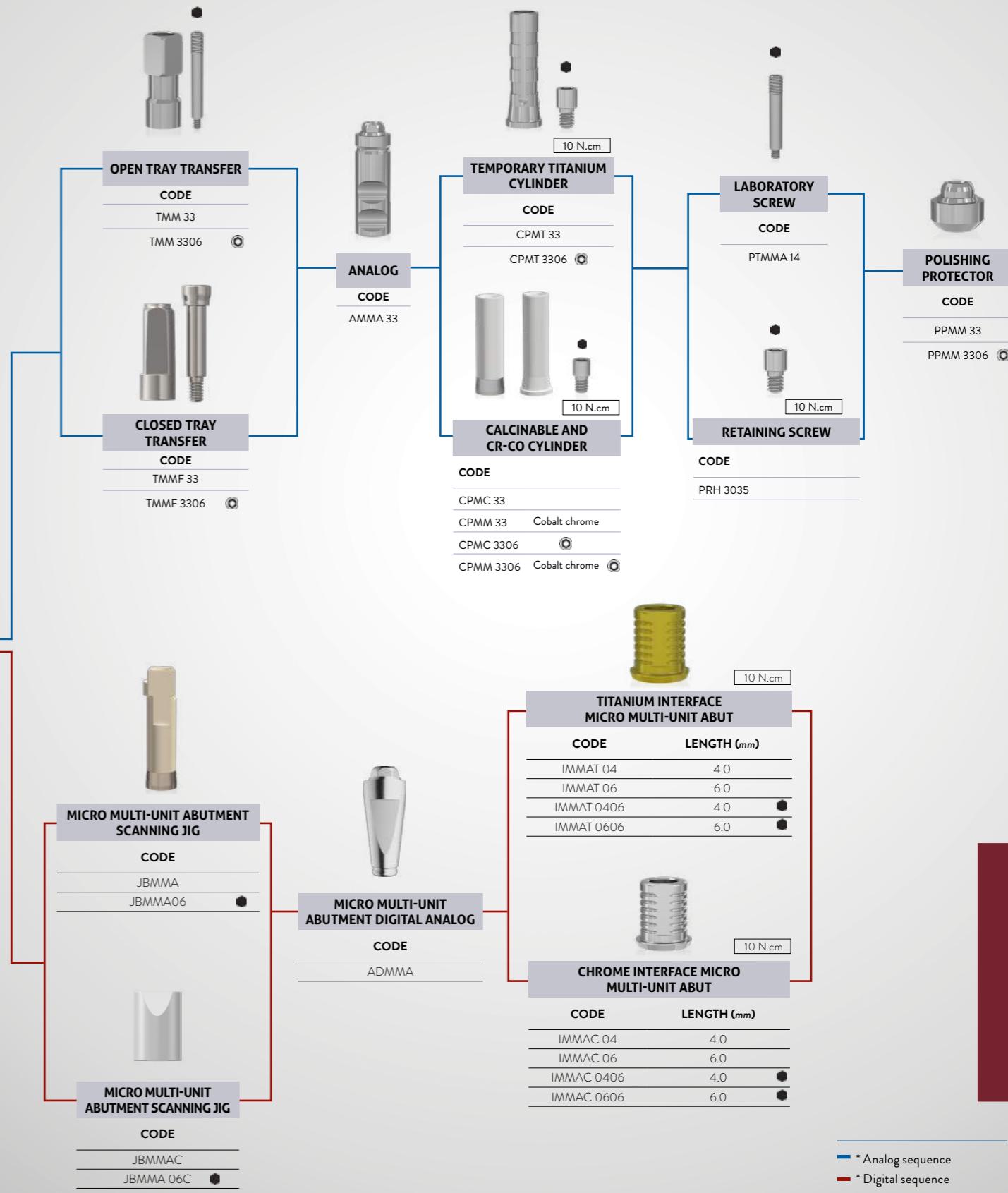
CODE	LENGTH (mm)
JBMMA	4.0
JBMMA06	6.0

ABUTMENT DIGITAL ANALOG

CODE	LENGTH (mm)
ADMMA	4.0

ABUTMENT SCANNING JIG

CODE	LENGTH (mm)
JBMMAC	4.0
JBMMAC06C	6.0



* Analog sequence

* Digital sequence

* Hex driver

* Anti-Rotational component

* Squared Screw

* Abutment Screw

* Rotational component

MT 11.5° PROSTHETIC SEQUENCE

OVERDENTURE SOLUTIONS (ANALOG AND DIGITAL)



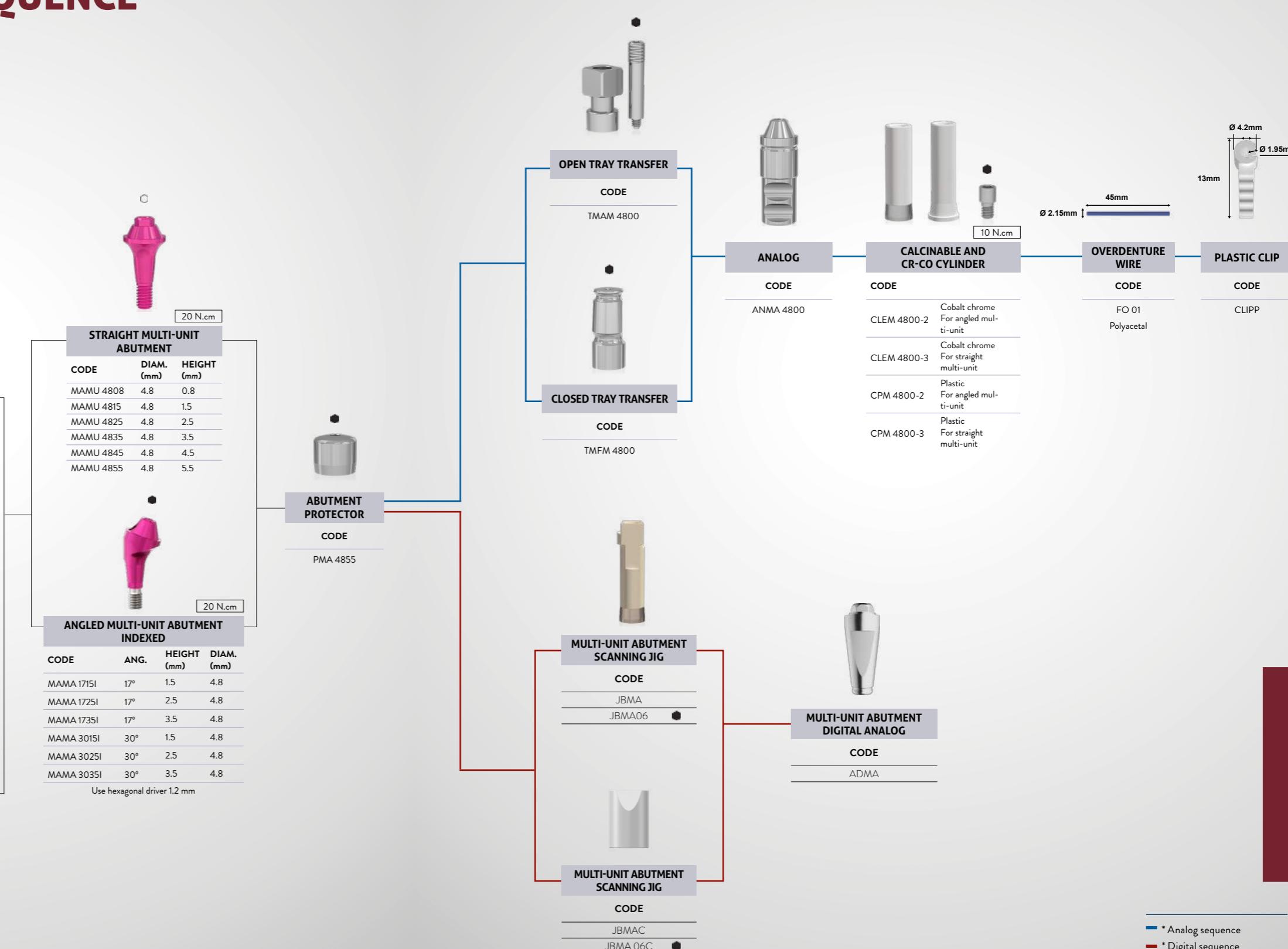
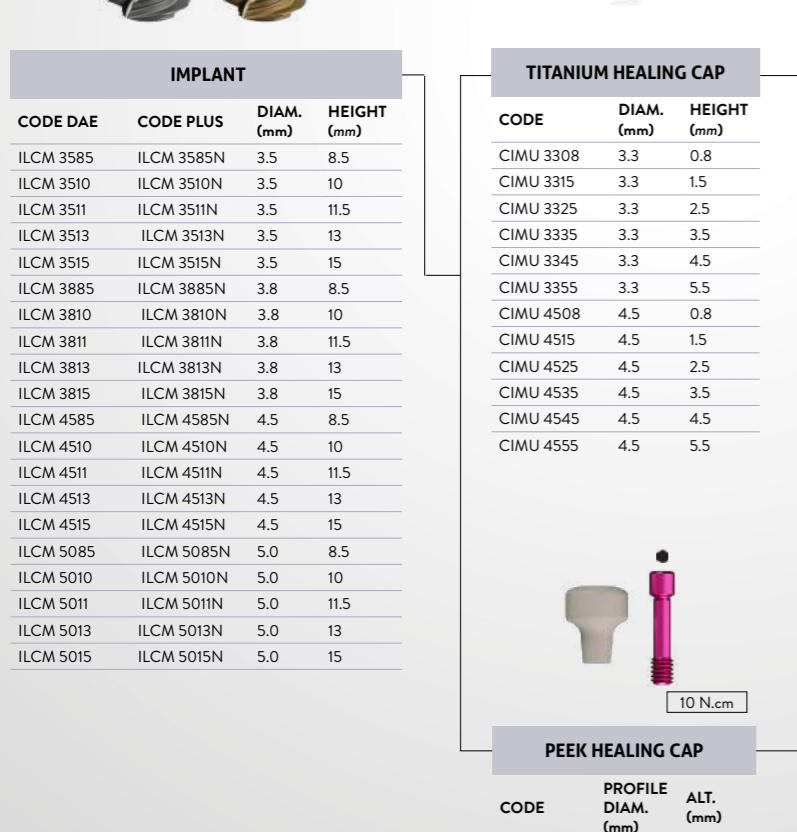
IMPLANT			
CODE DAE	CODE PLUS	DIAM. (mm)	HEIGHT (mm)
ILCM 3585	ILCM 3585N	3.5	8.5
ILCM 3510	ILCM 3510N	3.5	10
ILCM 3511	ILCM 3511N	3.5	11.5
ILCM 3513	ILCM 3513N	3.5	13
ILCM 3515	ILCM 3515N	3.5	15
ILCM 3885	ILCM 3885N	3.8	8.5
ILCM 3810	ILCM 3810N	3.8	10
ILCM 3811	ILCM 3811N	3.8	11.5
ILCM 3813	ILCM 3813N	3.8	13
ILCM 3815	ILCM 3815N	3.8	15
ILCM 4585	ILCM 4585N	4.5	8.5
ILCM 4510	ILCM 4510N	4.5	10
ILCM 4511	ILCM 4511N	4.5	11.5
ILCM 4513	ILCM 4513N	4.5	13
ILCM 4515	ILCM 4515N	4.5	15
ILCM 5085	ILCM 5085N	5.0	8.5
ILCM 5010	ILCM 5010N	5.0	10
ILCM 5011	ILCM 5011N	5.0	11.5
ILCM 5013	ILCM 5013N	5.0	13
ILCM 5015	ILCM 5015N	5.0	15

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)	ALT. (mm)
CPUP 0504	5	4
CPUP 0804	8	4
CPUP 0508	5	8
CPUP 0808	8	8



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 hydrophilic 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 - Região Anterior
- 4,0 mm - Região Anterior e posterior
- 4,5 mm - Região posterior

- 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

● Uso da fresa opcional

	1.200 RPM		800 RPM					
	FL 2024	FHE 2324	FHE 3024	FHE 3324	FHI 3624	FHI 3824	FHI 4024	FHI 4324
∅ DIAM. (mm)	FL 2024 (A)	FHE 2324 (B)	FHE 3024 (C)	FHE 3324 (D)	FHI 3624 (E)	FHI 3824 (E+)	FHI 4024 (F)	FHI 4324 (G)
ILCM38xx	3,8	●	●	●				
ILCM40xx	4,0	●	●	●	●			
ILCM45xx	4,5	●	●	●	●	●		

FOR HARD TYPE BONES

Drilling sequence used
for bone type I.



Epikut
Long Epikut
Long Plus

	1.200 RPM		800 RPM					
	∅ DIAM. (mm)	FL 2024 (A)	FHE 2324 (B)	FHE 3024 (C)	FHI 3024 (D)	FHI 3624 (E)	FHI 3824 (E+)	FHI 4024 (F)
ILCM38xx	3,8	●		●		●		●
ILCM40xx	4,0	●	●	●	●	●	●	●
ILCM45xx	4,5	●	●	●	●	●	●	●

Technical measures EPIKUT LONG 11,5°

FOR MEDIUM TYPE BONES

Drilling sequence used
for bone type II e III.



Epikut
Long Plus

	1.200 RPM		800 RPM					
	FL 2024 (A)	FHE 2324 (B)	FHE 3024 (C)	FHE 3324 (D)	FHI 3624 (E)	FHI 3824 (E+)	FHI 4024 (F)	FHI 4324 (G)
∅ DIAM. (mm)	FL 2024 (A)	FHE 2324 (B)	FHE 3024 (C)	FHE 3324 (D)	FHI 3624 (E)	FHI 3824 (E+)	FHI 4024 (F)	FHI 4324 (G)
ILCM38xx	3,8	●	●	●	●			
ILCM40xx	4,0	●	●	●	●	●		
ILCM45xx	4,5	●	●	●	●	●	●	●

ILCM 38XX
ILCM 38XXN



ILCM 40XX
ILCM 40XXN



ILCM 45XX
ILCM 45XXN



MT 11.5° LONG PROSTHETIC SEQUENCE

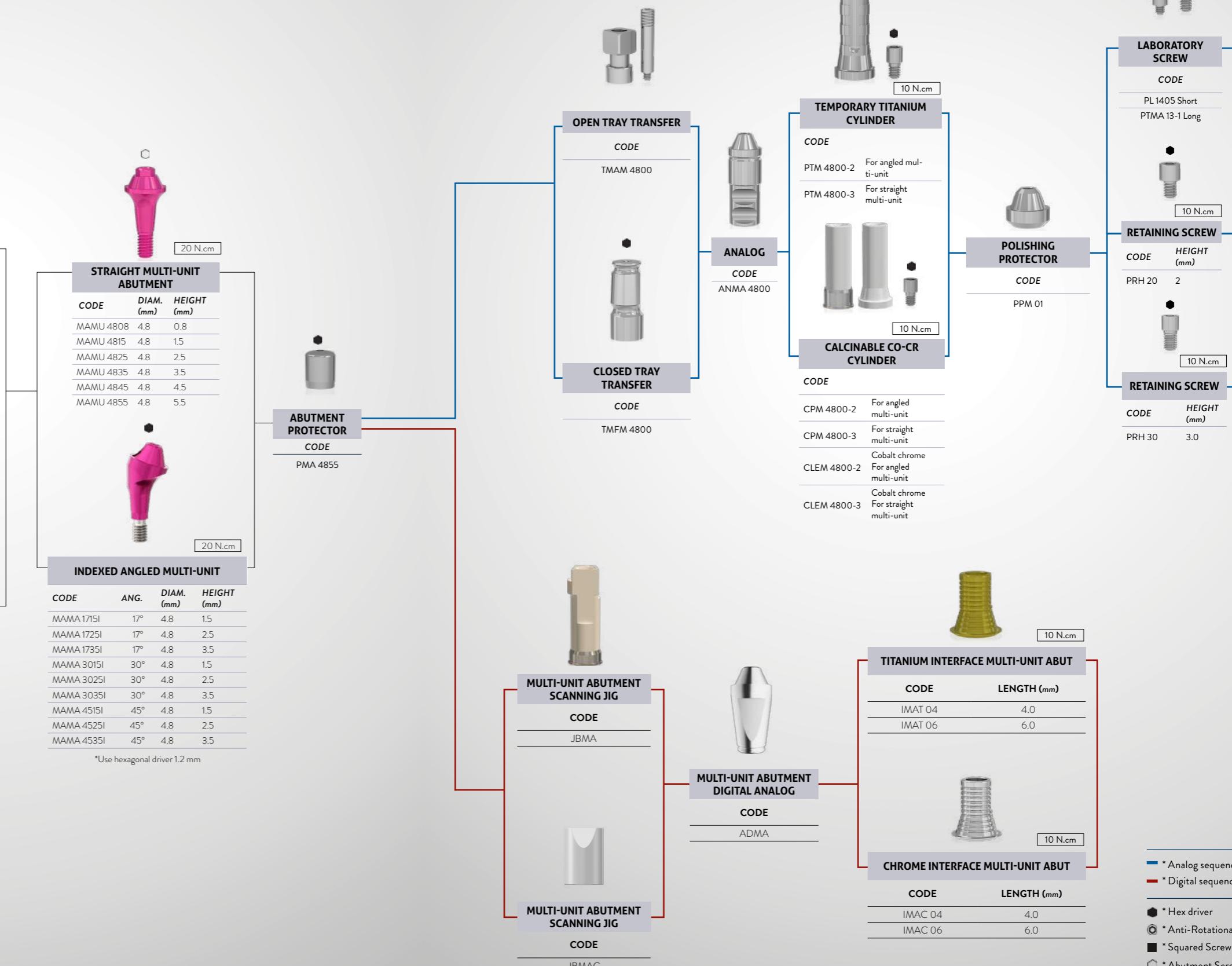
MULTI-UNIT ABUTMENTS (ANALOG AND DIGITAL)

Multiple screw retained restorations



*Use hexagonal driver 1.2 mm

*Check product availability in your country.



Epikut

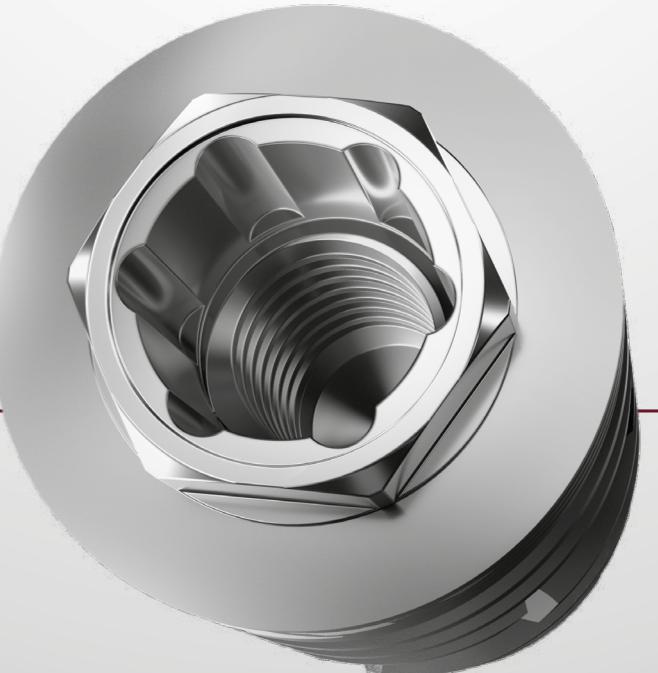
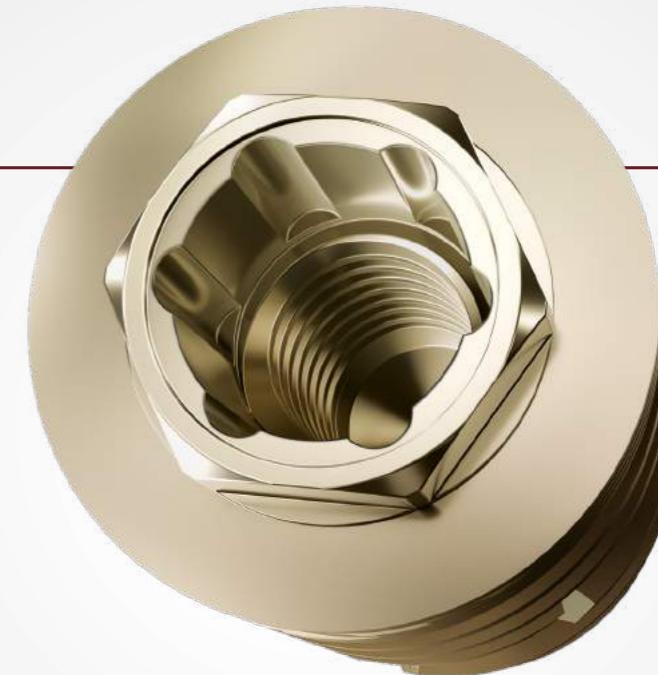
EXTERNAL HEXAGON

- Hexalobular connection: wrench does not block and supports higher torque, without deforming the connection.
- EPIKUT External Hex makes the Platform Switching technique possible.

INDICATIONS FOR CLINICAL USE:

- 3.5 mm - Central incisors and lateral incisors
- 3.75 mm - Central 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

- Installation at bone level
- Initial rotation of the cutter: 1.200 rpm
- Rotation of cutters from 2.7 mm to 4.8 mm: 800 rpm
- Insertion rotation: 20 to 40 rpm
- Maximum torque: 80 N.cm
- Immediate loading*: recommended torque 45 to 80 N.cm
- Late load: torque up to 45 N.cm



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

EPIKUT EH DRILLING SEQUENCE

FOR SOFT TYPE BONES

Drilling sequence used for bone type IV.

	1.200	800 RPM									
		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)	FC 41
	ILHE35xx	3,5	●	●							
	ILHE37xx	3,75	●	●	●						
	ILHE40xx	4,0	●	●	●	●					
	ILHE45xx	4,5	●	●	●	●	●				
	ILHE50xx	5,0	●	●	●	●	●	●	●	●	

Epikut Epikut Plus

FOR HARD TYPE BONES

Drilling sequence used for bone type I.

	1.200	800 RPM									
		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)	FC 41
	ILHE35xx	3,5	●	●	●	●	●				
	ILHE37xx	3,75	●	●	●	●	●	●	●	●	●
	ILHE40xx	4,0	●	●	●	●	●	●	●	●	●
	ILHE45xx	4,5	●	●	●	●	●	●	●	●	●
	ILHE50xx	5,0	●	●	●	●	●	●	●	●	●

FOR MEDIUM TYPE BONES

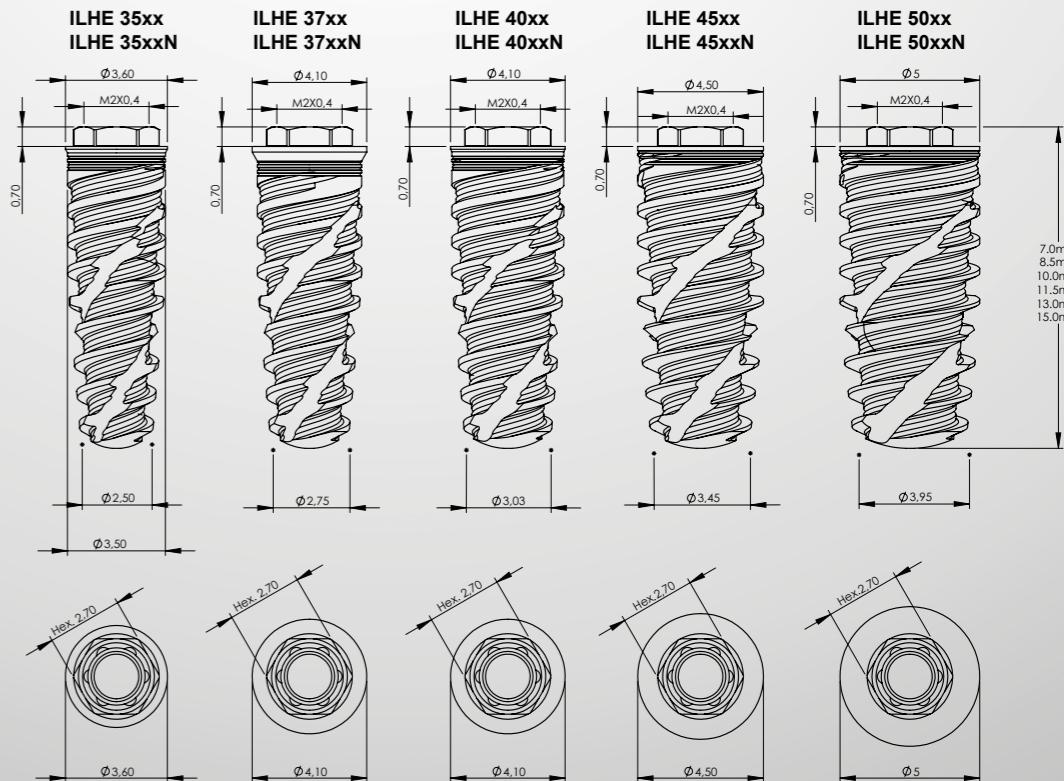
Drilling sequence used for bone type II e III.

	1.200	800 RPM									
		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)	FC 41
	ILHE35xx	3,5	●	●	●	●					
	ILHE37xx	3,75	●	●	●	●					●
	ILHE40xx	4,0	●	●	●	●					●
	ILHE45xx	4,5	●	●	●	●					
	ILHE50xx	5,0	●	●	●	●	●	●	●	●	

Epikut Epikut Plus

- Use of drill with countersink function - depth of 5 mm

Technical measures EPIKUT EXTERNAL HEXAGON



EH PROSTHETIC SEQUENCE

UNIVERSAL ABUTMENT PRE-MADE POSTS (ANALOG AND DIGITAL)

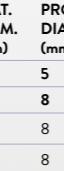
Cemented retained restorations



IMPLANT				
CODE DAE	CODE PLUS	DIAM. (mm)	HEIGHT (mm)	PLAT. (mm)
ILHE 3507	ILHE 3507N	3.5	7	3.6
ILHE 3585	ILHE 3585N	3.5	8.5	3.6
ILHE 3510	ILHE 3510N	3.5	10	3.6
ILHE 3511	ILHE 3511N	3.5	11.5	3.6
ILHE 3513	ILHE 3513N	3.5	13	3.6
ILHE 3515	ILHE 3515N	3.5	15	3.6

TITANIUM HEALING CAP			
CODE	DIAM. (mm)	HEIGHT (mm)	PLAT. (mm)
CIHE 3602	4.0	2	3.6
CIHE 3604	4.0	4	3.6
CIHE 3606	4.0	6	3.6

PEEK HEALING CAP			
CODE	PLAT. (mm)	PROFILE DIAM. (mm)	HEIGHT (mm)
CPHE 3505	3.6	5	6
CPHE 3508	3.6	8	6
CPHE 4108	4.1	8	6
CPHE 5008	5.0	8	6



UNIVERSAL ABUTMENT			
CODE	DIAM. (mm)	TRANSMUCOSAL LENGTH (mm)	CEMENTATION LENGTH (mm)
AIUNHE 334002	3.3	2	4
AIUNHE 334003	3.3	3	4
AIUNHE 334004	3.3	4	4
AIUNHE 336002	3.3	2	6
AIUNHE 336003	3.3	3	6
AIUNHE 336004	3.3	4	6



20 N.cm

10 N.cm

POLYACETAL TRANSFER		
CODE	DIAM. (mm)	HEIGHT (mm)
TSIT 3340	3.3	4
TSIT 3360	3.3	6

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

UNIVERSAL ABUTMENT SCANNING JIG	
CODE	
JBSIT 3340	●
JBSIT 3360	●
JBSIT 4540	●
JBSIT 4560	●

UNIVERSAL ABUTMENT DIGITAL ANALOG	
CODE	
ADUA 3340	
ADUA 3360	
ADUA 4540	
ADUA 4560	



TEMPORARY ACRYLIC CYLINDER		
CODE	DIAM. (mm)	HEIGHT (mm)
CPSIT 3340	3.3	4
CPSIT 3360	3.3	6

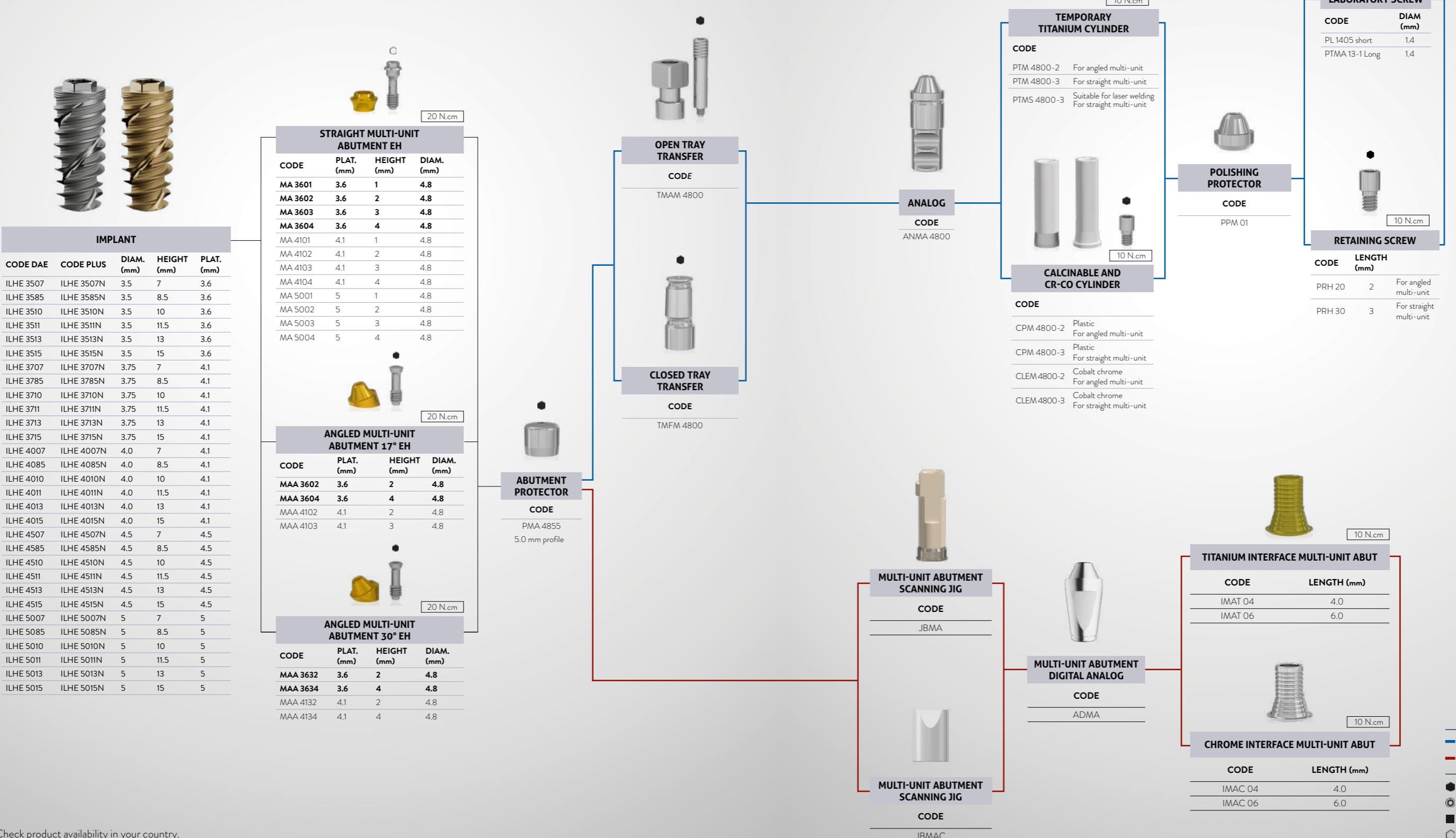


CALCINABLE POLYACETAL CYLINDER		
CODE	DIAM. (mm)	HEIGHT (mm)
CCSIT 3340	3.3	4
CCSIT 3360	3.3	6

EH PROSTHETIC SEQUENCE

MULTI-UNIT ABUTMENTS (ANALOG AND DIGITAL)

Multiple screw retained restorations



*Check product availability in your country.

**For external hex implants of diam. of 3.5, consider the components in bold.

EH PROSTHETIC SEQUENCE

MULTI-UNIT ABUTMENTS (ANALOG AND DIGITAL)

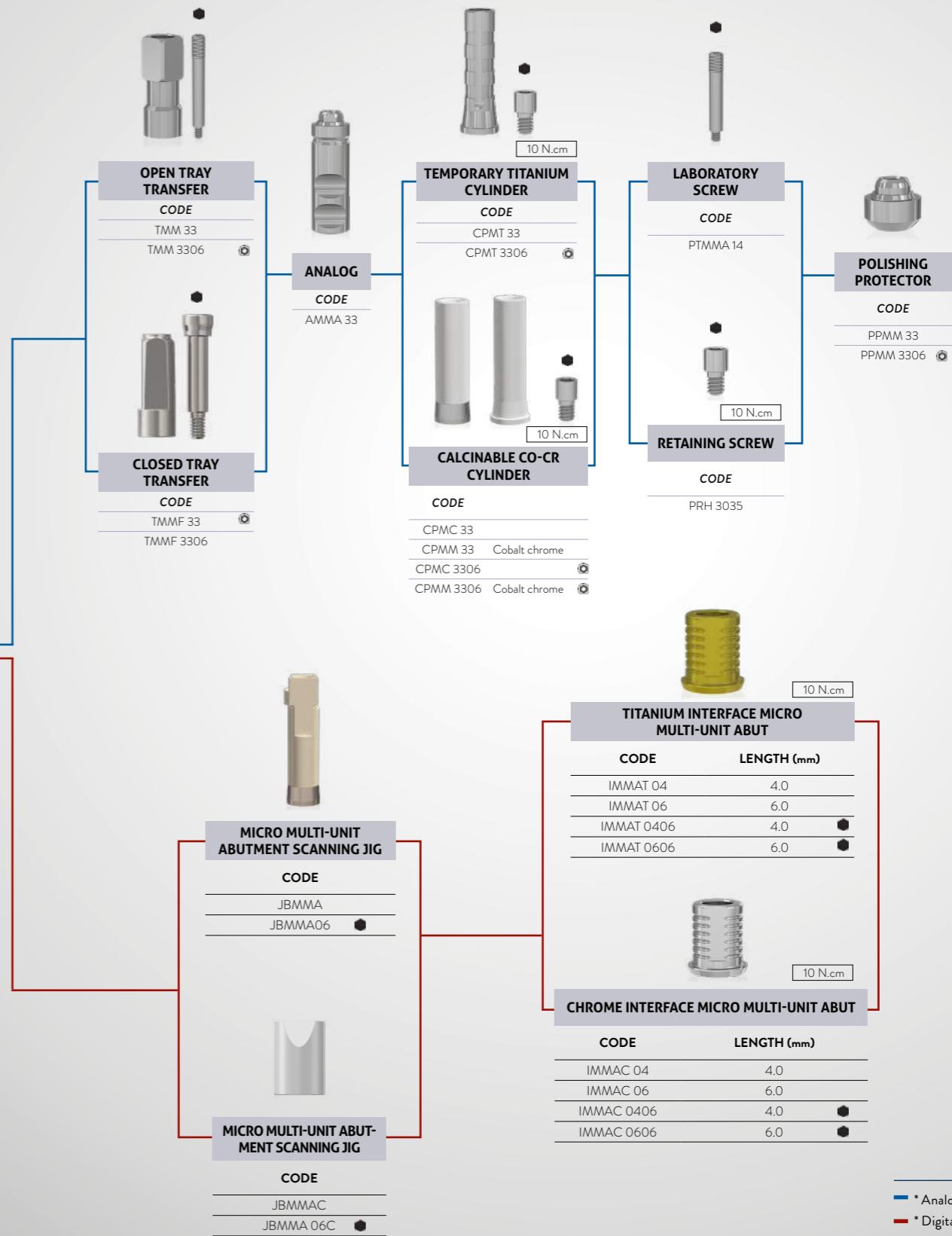
Multiple screw retained restorations



IMPLANT				
CODE DAE	CODE PLUS	DIAM. (mm)	HEIGHT (mm)	PLAT. (mm)
ILHE 3507	ILHE 3507N	3.5	7	3.6
ILHE 3585	ILHE 3585N	3.5	8.5	3.6
ILHE 3510	ILHE 3510N	3.5	10	3.6
ILHE 3511	ILHE 3511N	3.5	11.5	3.6
ILHE 3513	ILHE 3513N	3.5	13	3.6
ILHE 3515	ILHE 3515N	3.5	15	3.6

MICRO MINI ABUTMENT			
CODE	PLAT. (mm)	HEIGHT (mm)	DIAM. (mm)
MMAHE 3502	3.6	2	3.5
MMAHE 3503	3.6	3	3.5
MMAHE 3504	3.6	4	3.5

ABUTMENT PROTECTOR	
CODE	PMM 33



* Analog sequence

* Digital sequence

* Hex driver

* Anti-Rotational component

* Squared Screw

* Abutment Screw

* Rotational component

*Check product availability in your country.

**For external hex implants of diam. of 3.5, consider the components in bold.

EH PROSTHETIC SEQUENCE

CONICAL ABUTMENT (ANALOG AND DIGITAL)

Single / Multiple screw retained restoration

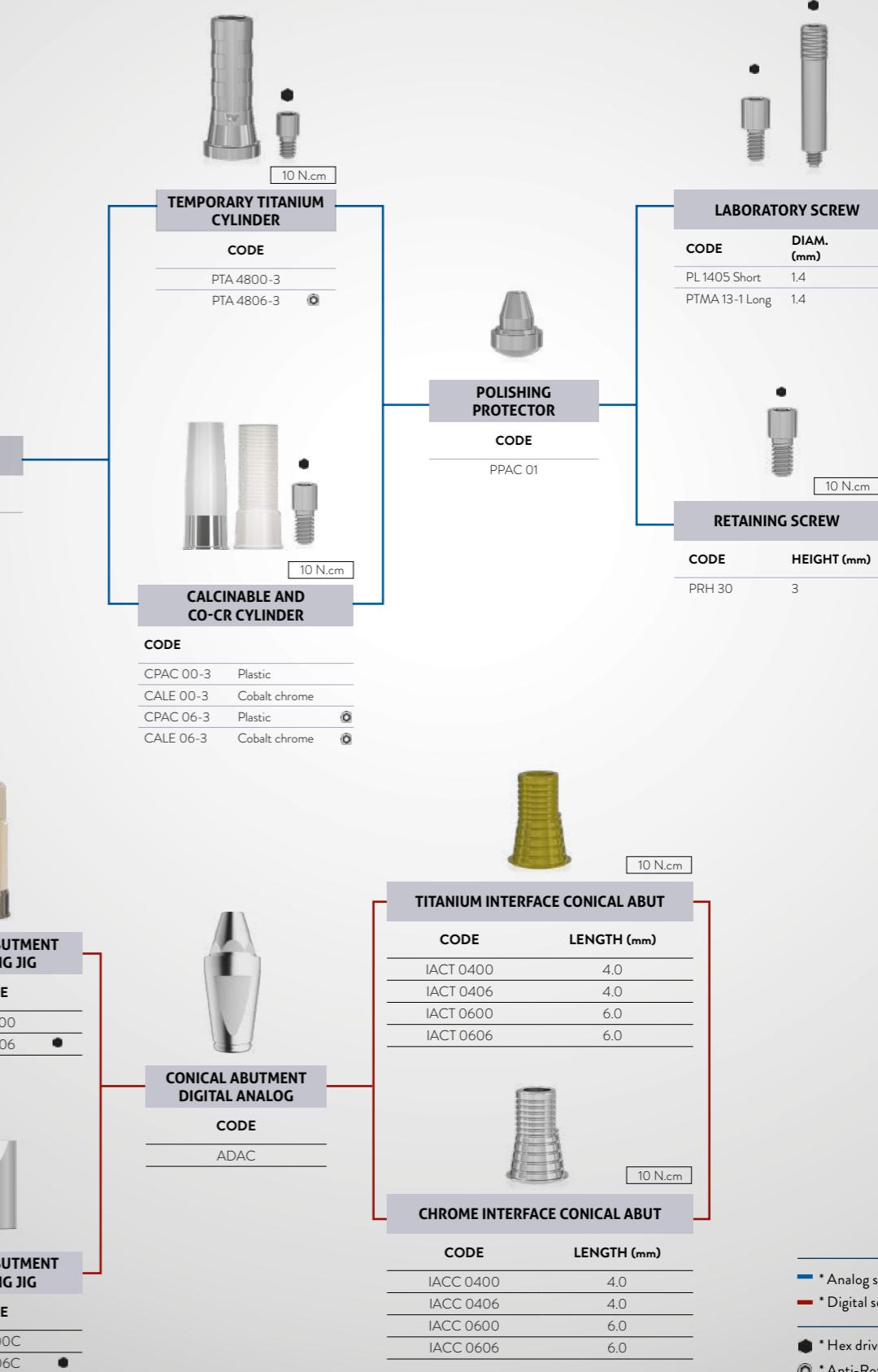
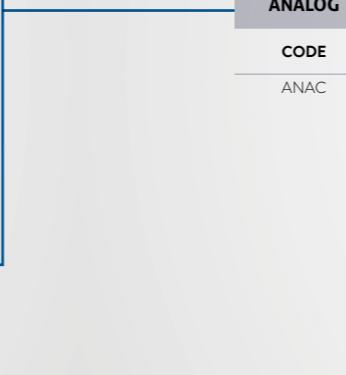
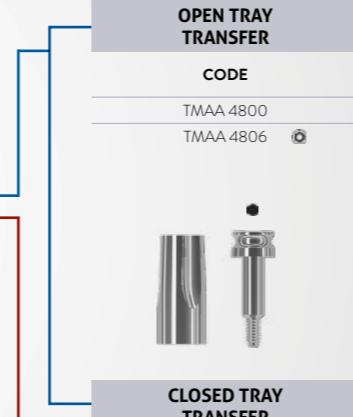


IMPLANT				
CODE DAE	CODE PLUS	DIAM. (mm)	HEIGHT (mm)	PLAT. (mm)
ILHE 3507	ILHE 3507N	3.5	7	3.6
ILHE 3585	ILHE 3585N	3.5	8.5	3.6
ILHE 3510	ILHE 3510N	3.5	10	3.6
ILHE 3511	ILHE 3511N	3.5	11.5	3.6
ILHE 3513	ILHE 3513N	3.5	13	3.6
ILHE 3515	ILHE 3515N	3.5	15	3.6
ILHE 3707	ILHE 3707N	3.75	7	4.1
ILHE 3785	ILHE 3785N	3.75	8.5	4.1
ILHE 3710	ILHE 3710N	3.75	10	4.1
ILHE 3711	ILHE 3711N	3.75	11.5	4.1
ILHE 3713	ILHE 3713N	3.75	13	4.1
ILHE 3715	ILHE 3715N	3.75	15	4.1
ILHE 4007	ILHE 4007N	4.0	7	4.1
ILHE 4085	ILHE 4085N	4.0	8.5	4.1
ILHE 4010	ILHE 4010N	4.0	10	4.1
ILHE 4011	ILHE 4011N	4.0	11.5	4.1
ILHE 4013	ILHE 4013N	4.0	13	4.1
ILHE 4015	ILHE 4015N	4.0	15	4.1
ILHE 4507	ILHE 4507N	4.5	7	4.5
ILHE 4585	ILHE 4585N	4.5	8.5	4.5
ILHE 4510	ILHE 4510N	4.5	10	4.5
ILHE 4511	ILHE 4511N	4.5	11.5	4.5
ILHE 4513	ILHE 4513N	4.5	13	4.5
ILHE 4515	ILHE 4515N	4.5	15	4.5
ILHE 5007	ILHE 5007N	5	7	5
ILHE 5085	ILHE 5085N	5	8.5	5
ILHE 5010	ILHE 5010N	5	10	5
ILHE 5011	ILHE 5011N	5	11.5	5
ILHE 5013	ILHE 5013N	5	13	5
ILHE 5015	ILHE 5015N	5	15	5



CONICAL ABUTMENT			
CODE	PLAT. (mm)	HEIGHT (mm)	DIAM. (mm)
AC 3601	3.6	1	4.8
AC 3602	3.6	2	4.8
AC 3603	3.6	3	4.8
AC 3604	3.6	4	4.8
AC 4101	4.1	1	4.8
AC 4102	4.1	2	4.8
AC 4103	4.1	3	4.8
AC 4104	4.1	4	4.8
AC 5001	5	1	4.8
AC 5002	5	2	4.8
AC 5003	5	3	4.8
AC 5004	5	4	4.8

CODE
PA 4855
5.0 mm profile



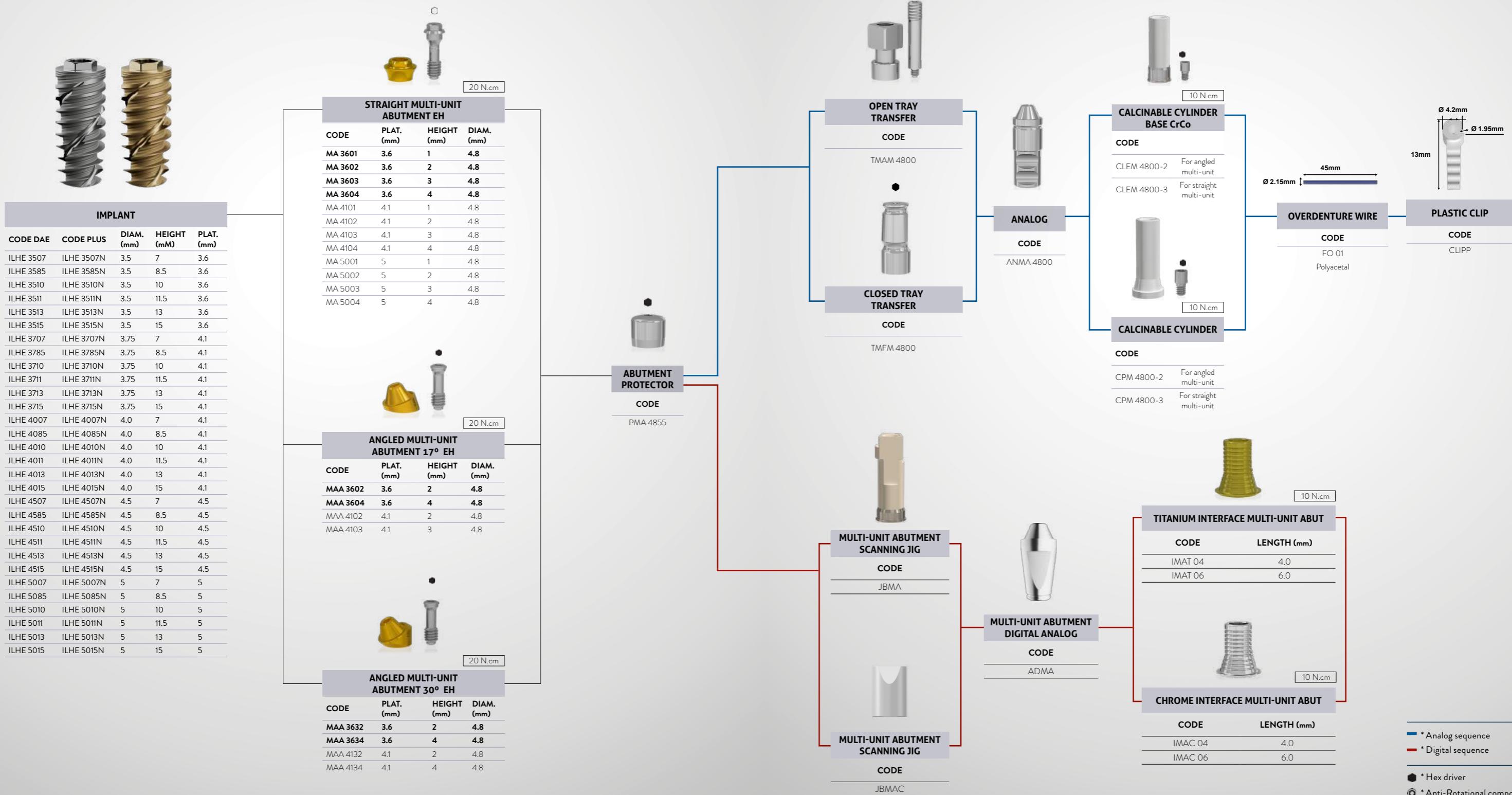
- * Analog sequence
- * Digital sequence
- * Hex driver
- ◎ * Anti-Rotational component
- * Squared Screw
- * Abutment Screw
- ◎ * Rotational component

*Check product availability in your country.

**For external hex implants of diam. of 3.5, consider the components in bold.

EH PROSTHETIC SEQUENCE

OVERDENTURE SOLUTIONS (ANALOGIC AND DIGITAL)

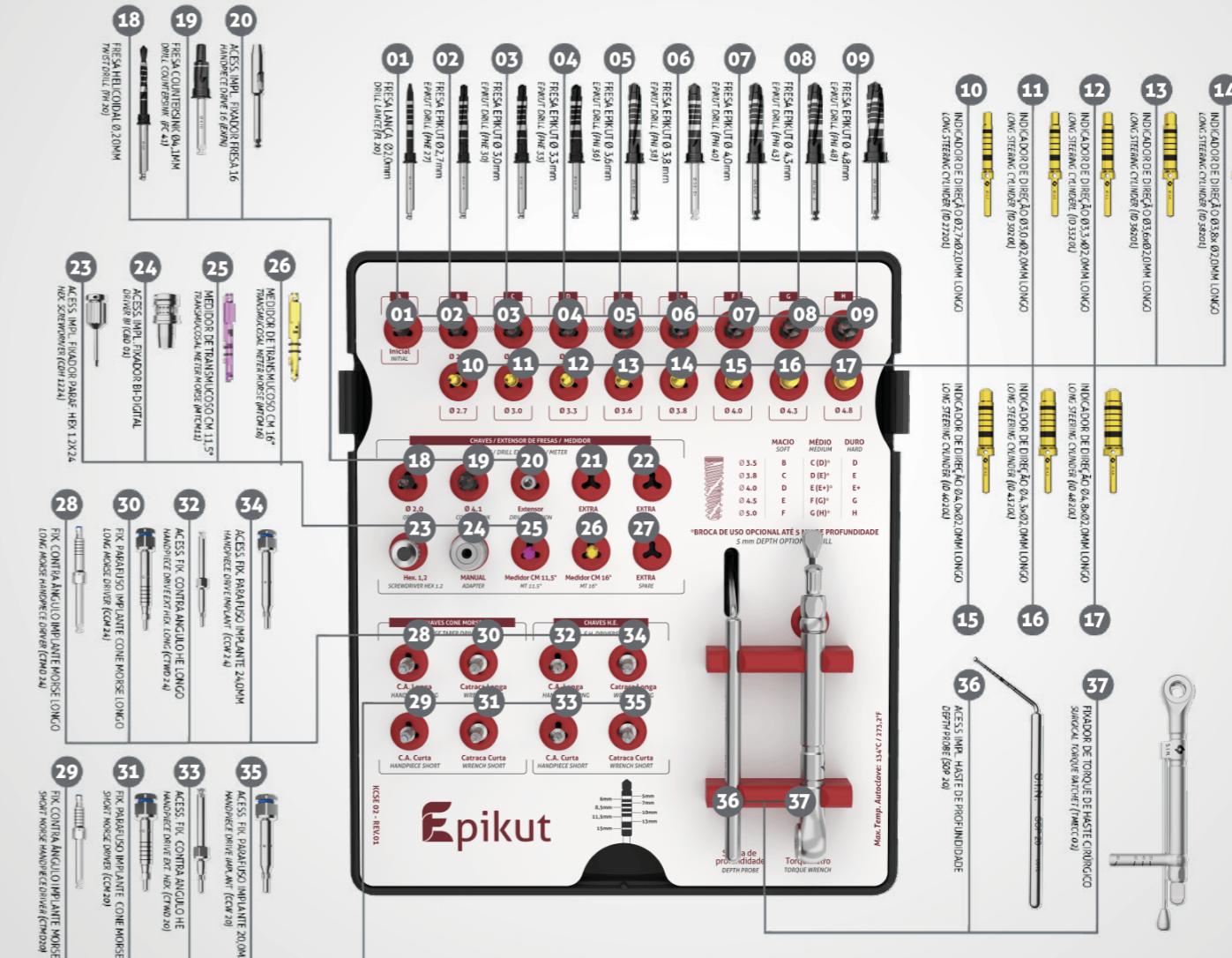
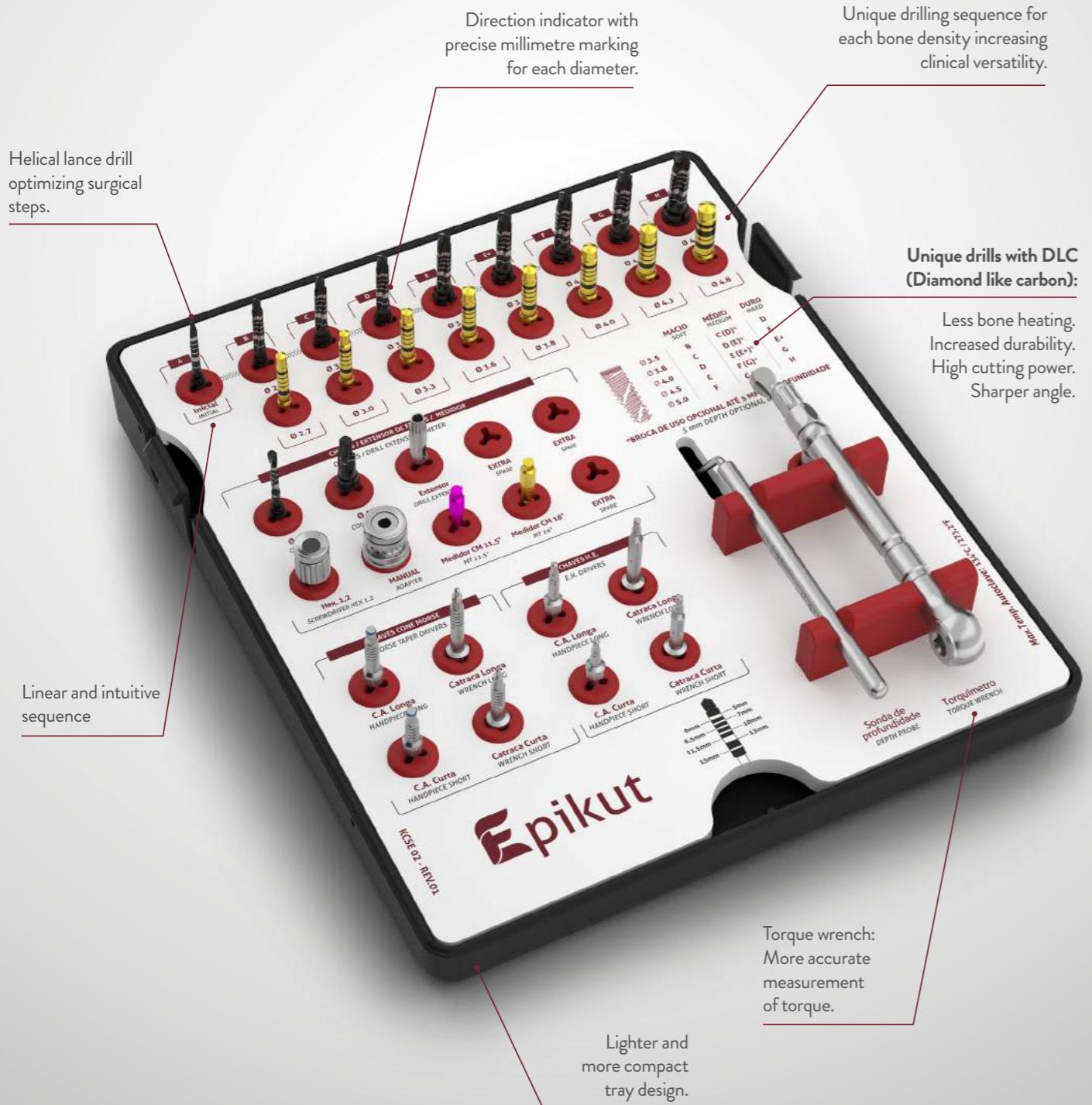


*Check product availability in your country.

**For external hex implants of diam. of 3.5, consider the components in bold.

EPIKUT SURGICAL KIT

MAXIMUM FUNCTIONALITY AND SIMPLICITY FOR YOUR SURGERIES

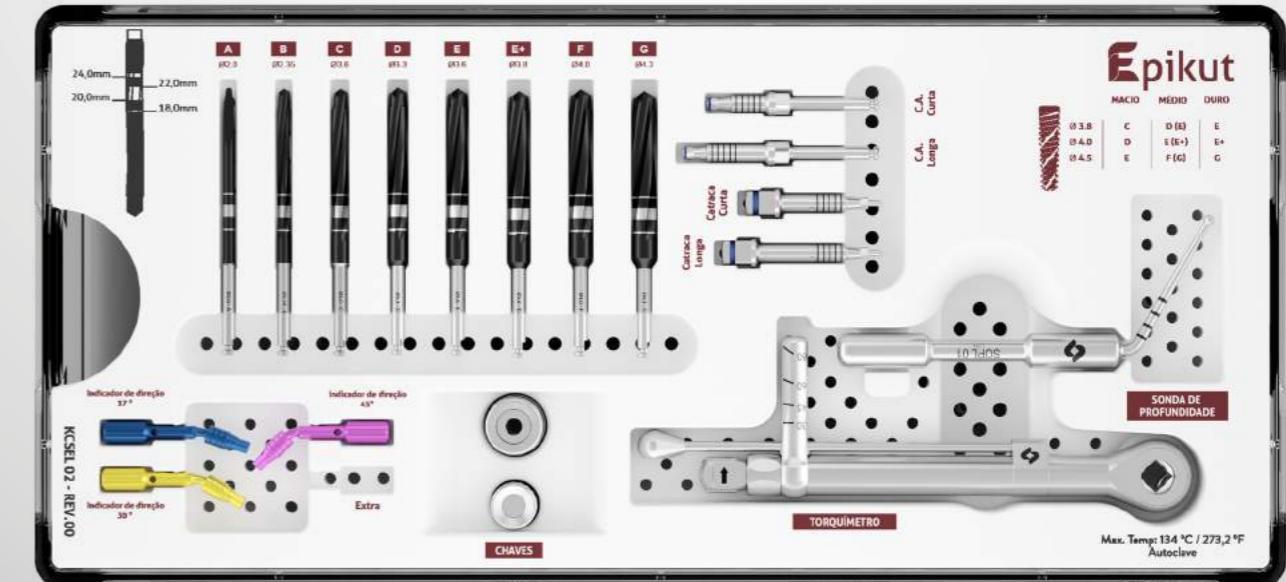
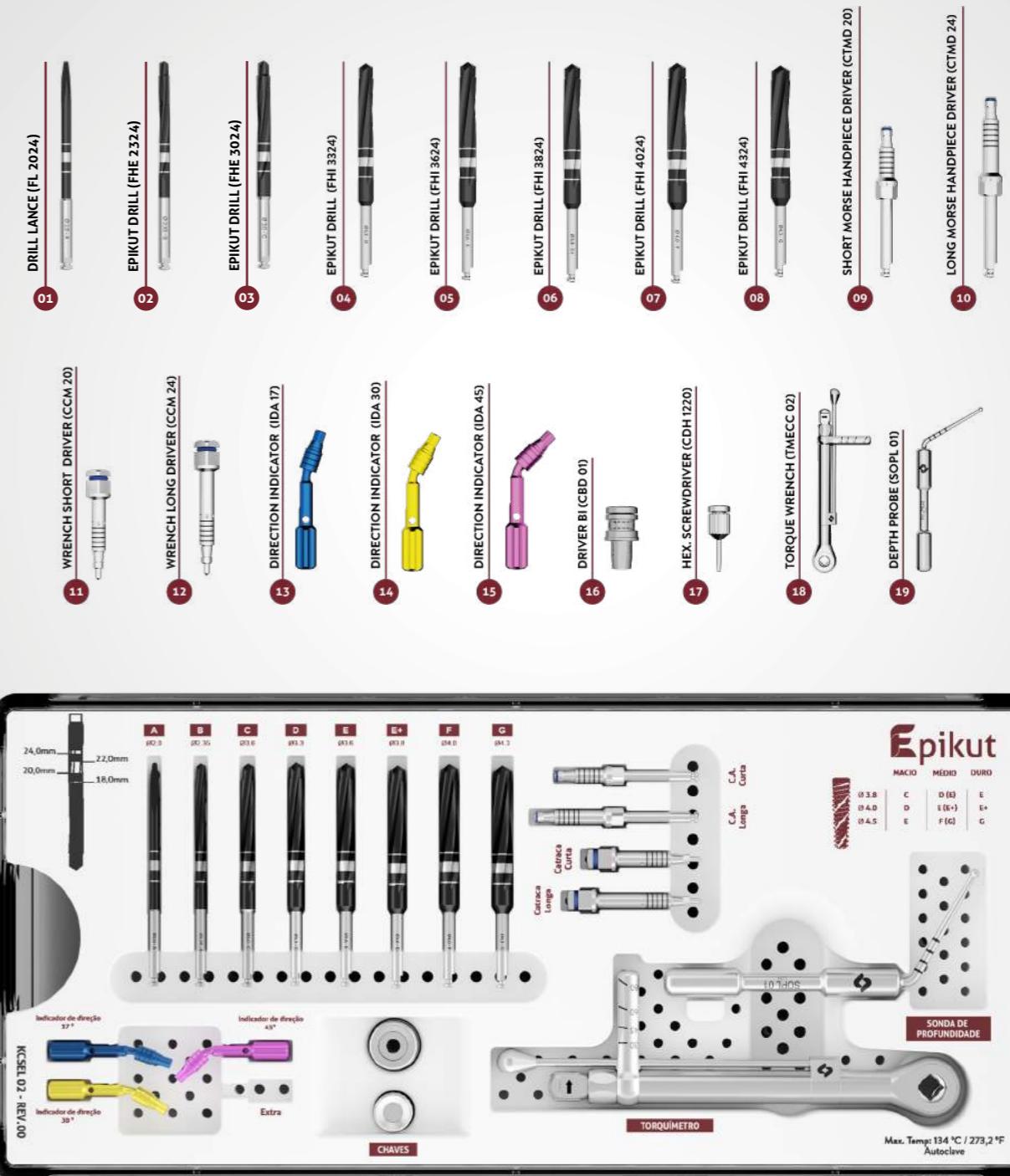
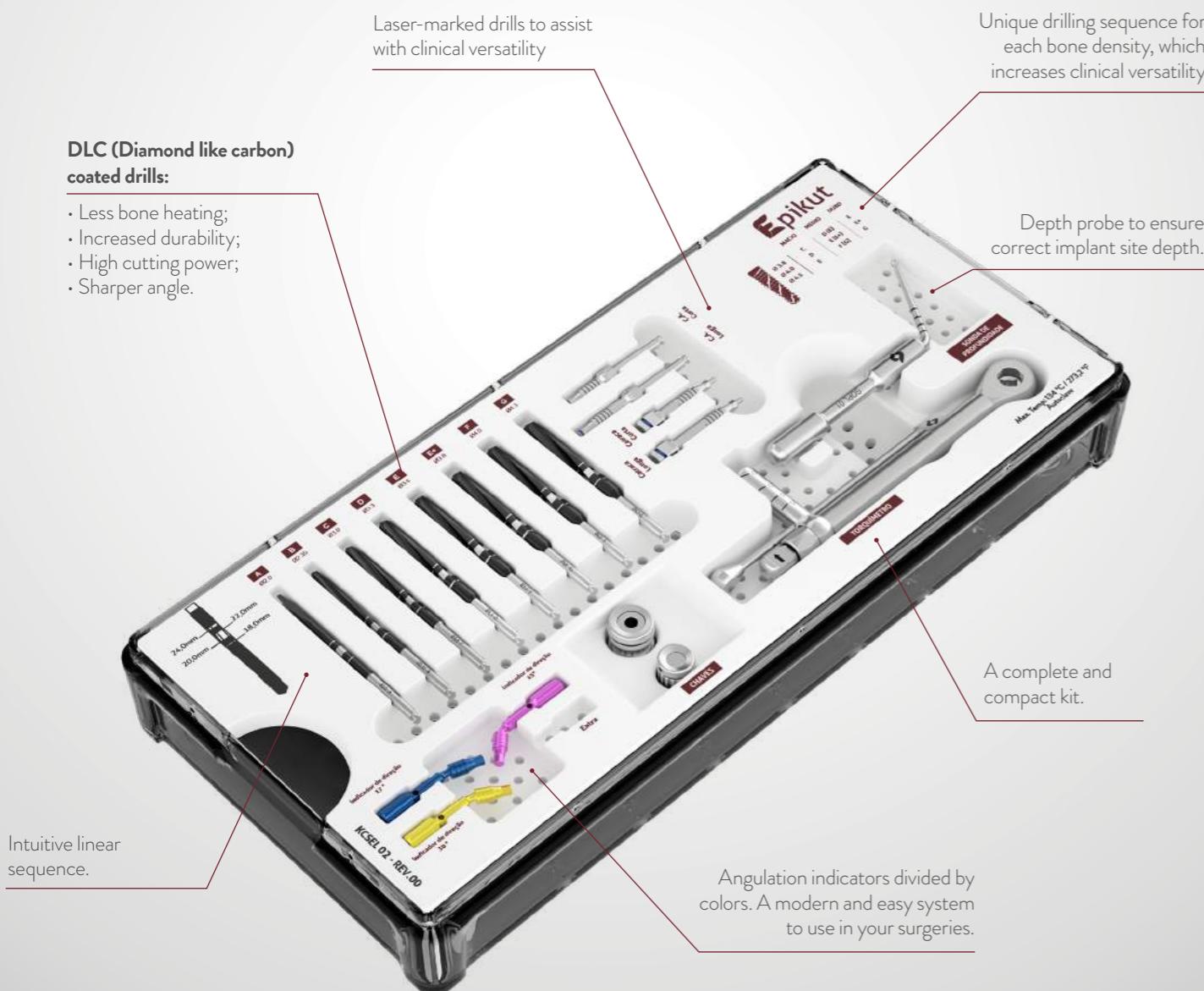


PRODUCT CODE: KCSE 02
ORGANIZING BOX CODE: COSE 02

*Check product availability in your country.

EPIKUT LONG SURGICAL KIT

MAXIMUM FUNCTIONALITY AND SIMPLICITY FOR YOUR SURGERIES



CODE: KCSEL 02
ORGANIZING BOX CODE: COSEL 02

*Check product availability in your country.

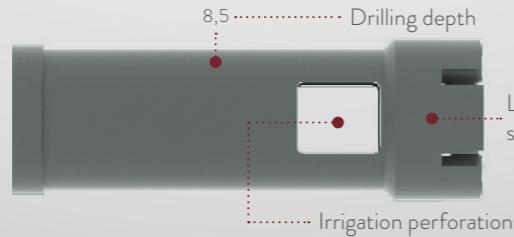
EPIKUT SAFE DRILL KIT

MAKING YOUR SURGERIES MORE PRACTICAL AND PRECISE

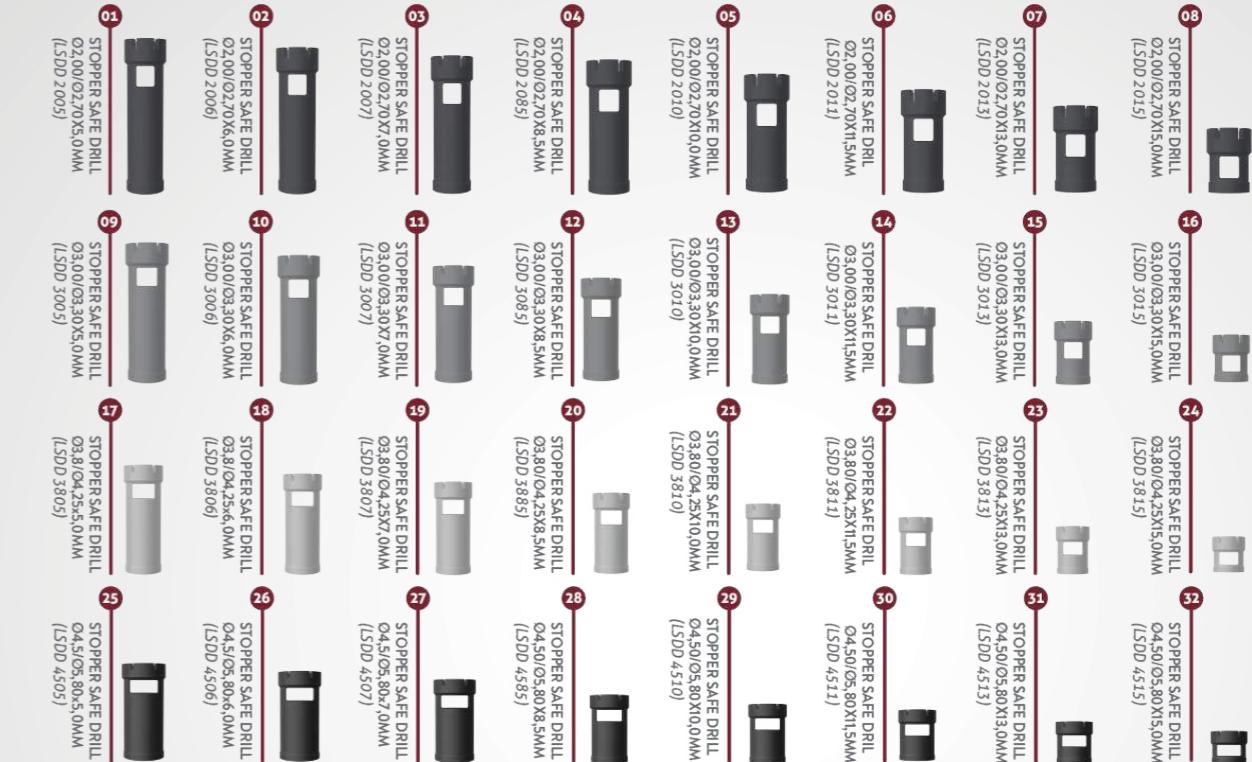
Performance and efficiency: exclusive polyacetal limiters with perfect fit and high resistance, which guarantees greater durability of the kit



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.



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



CODE: KESD 02
ORGANIZING BOX CODE: COESD 02

*Check product availability in your country.

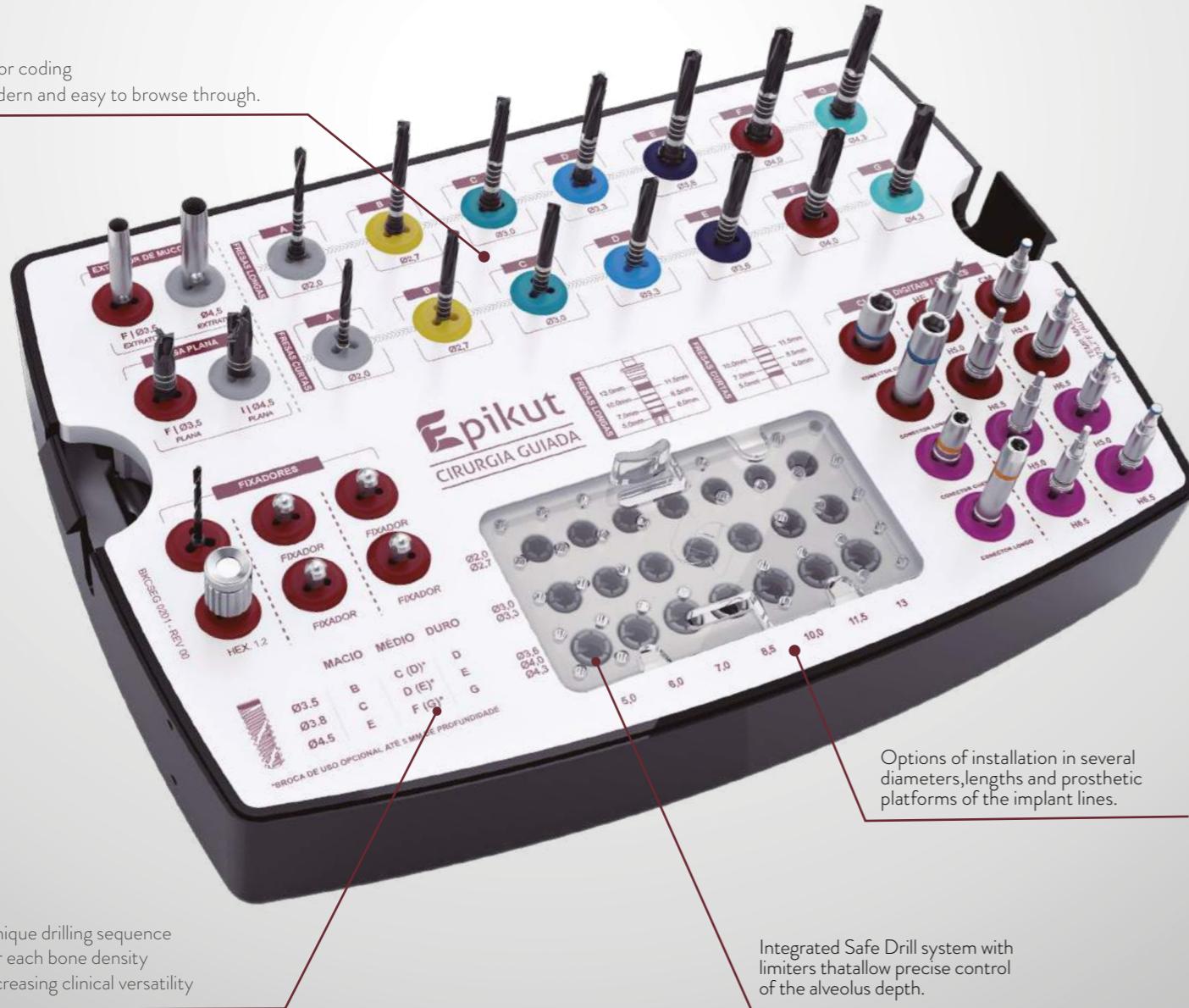
EPIKUT GUIDED SURGERY KIT

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.



* 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.

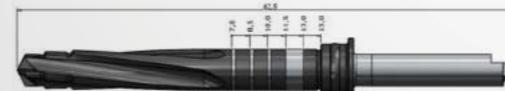
- Better postoperative recovery.
- Preservation of bone tissue volume around the implant.
- Better maintenance of soft tissue.
- Possibility of immediate installation of the prosthesis through a digital workflow.

Long and short drill system

- Greater range of options according to the clinical case.

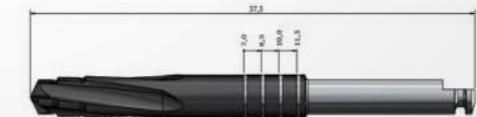
Standard drill: 42.5mm

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



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.

Flexible sleeve positioning system

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



Narrow sleeve system

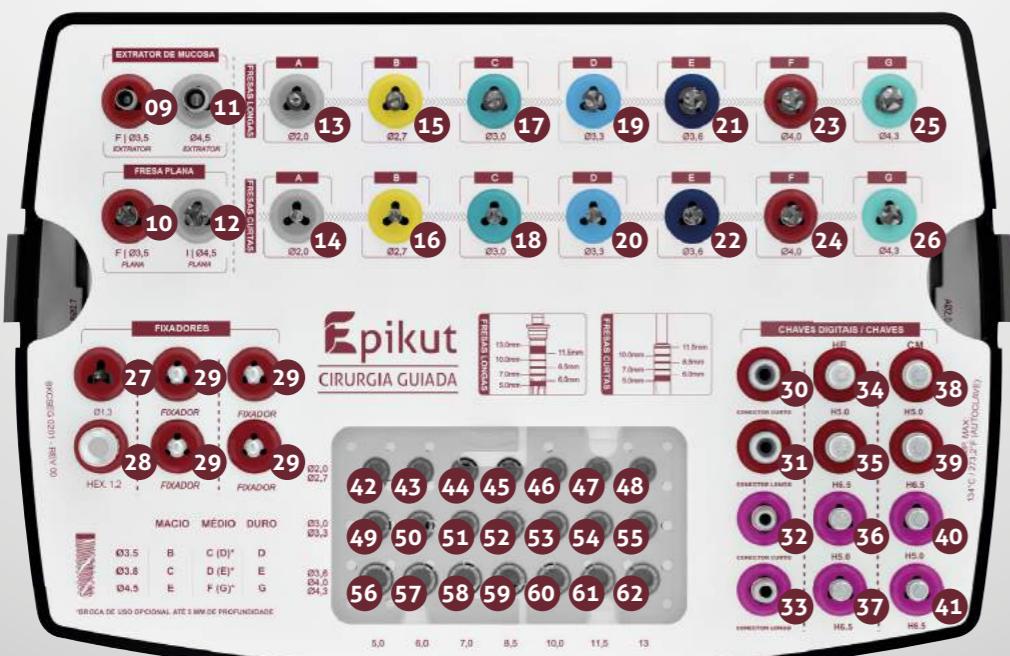
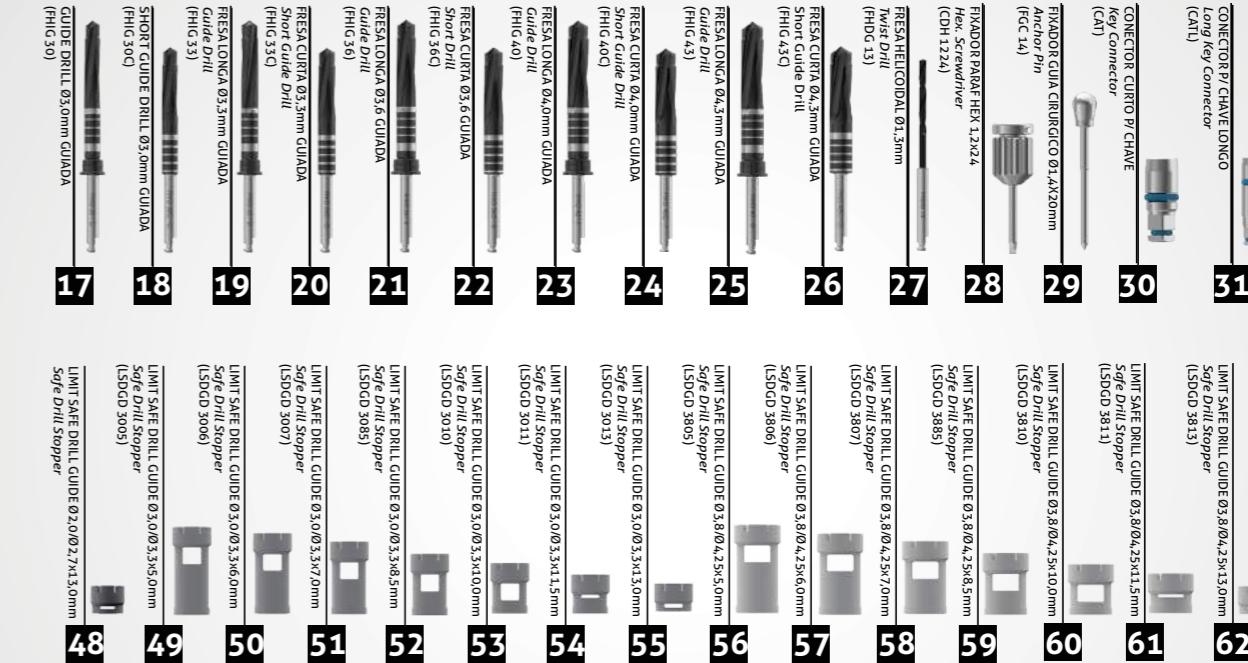
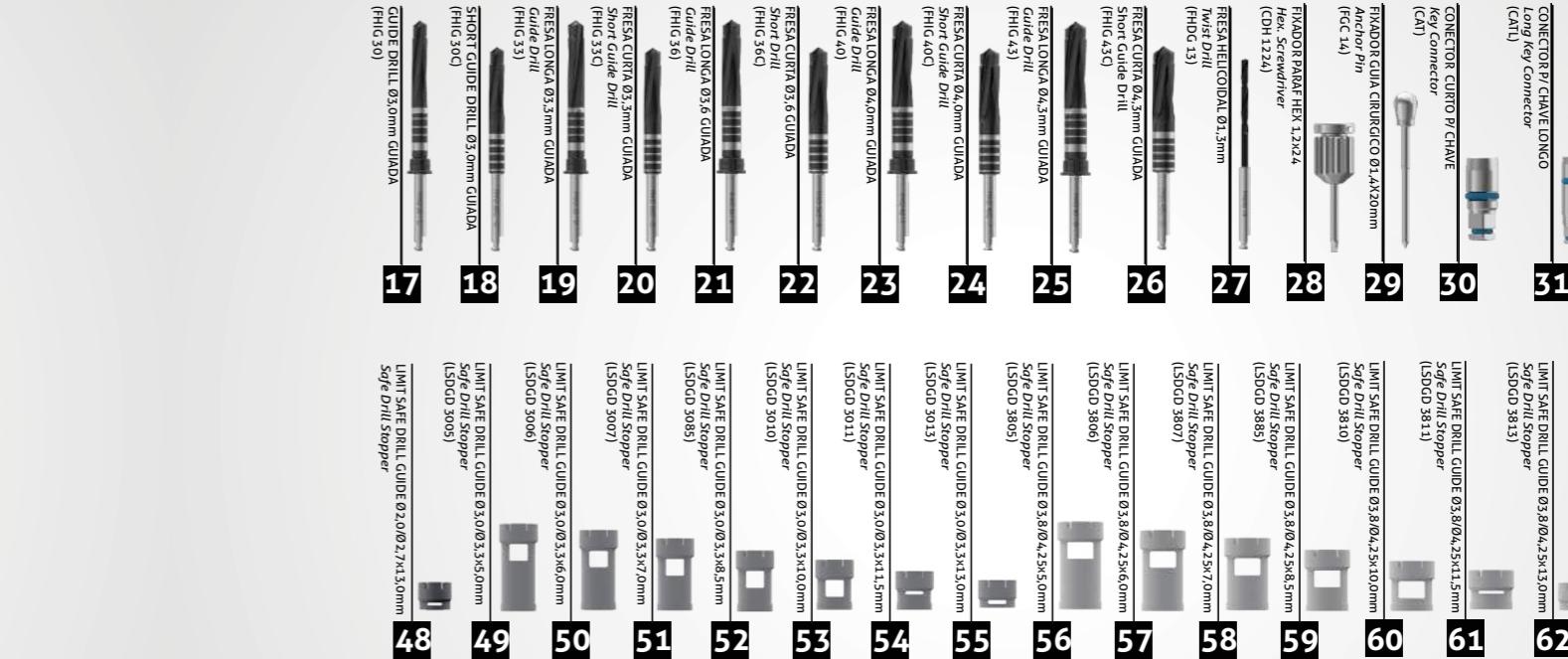
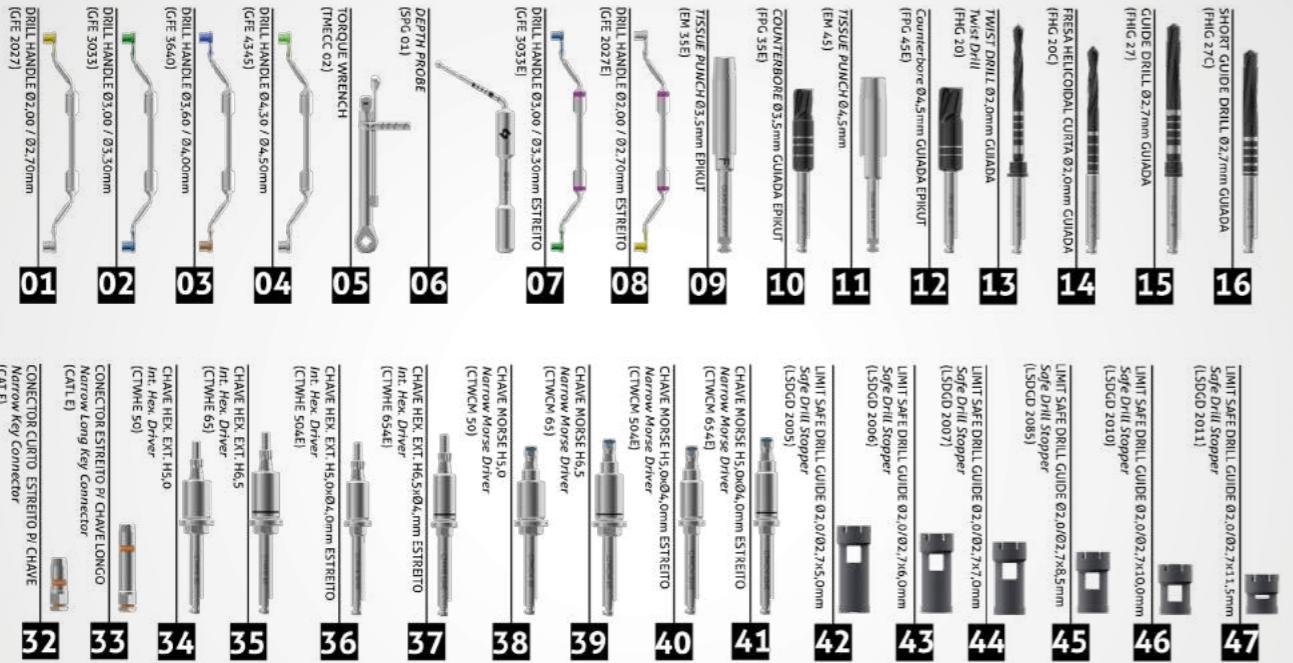
- It AVOIDS COLLISION BETWEEN GUIDE SLEEVES and orientation errors at short mesio-distal distances.



CODE	DESCRIPTION
AFG14	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

ORGANIZING BOX

EPIKUT GUIDED SURGERY KIT

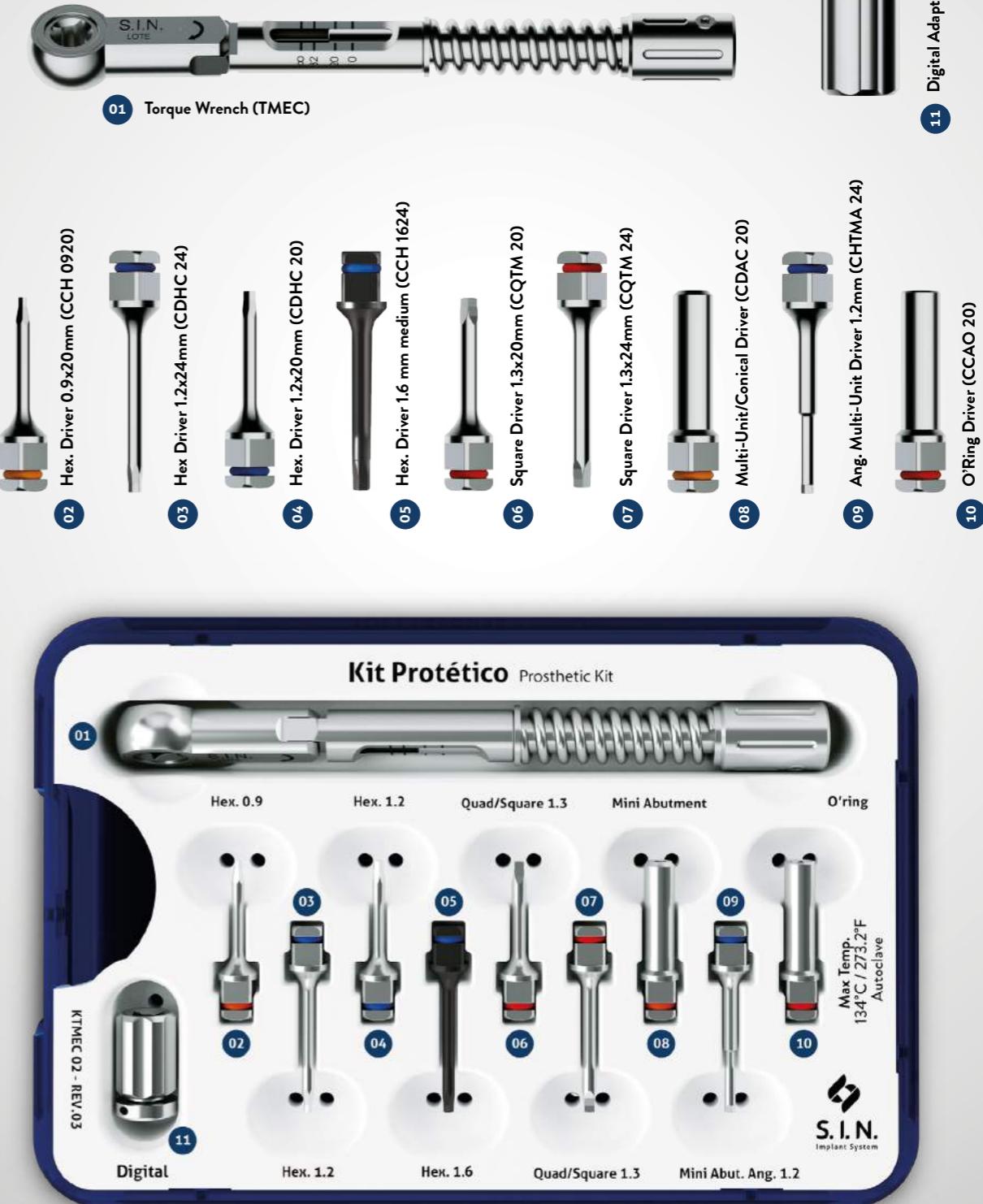


CODE: KCSEG 01
ORGANIZING BOX CODE: COSEG 01

*Check product availability in your country.

PROSTHETIC KIT

FUNCTIONAL, PRACTICAL AND COMPACT

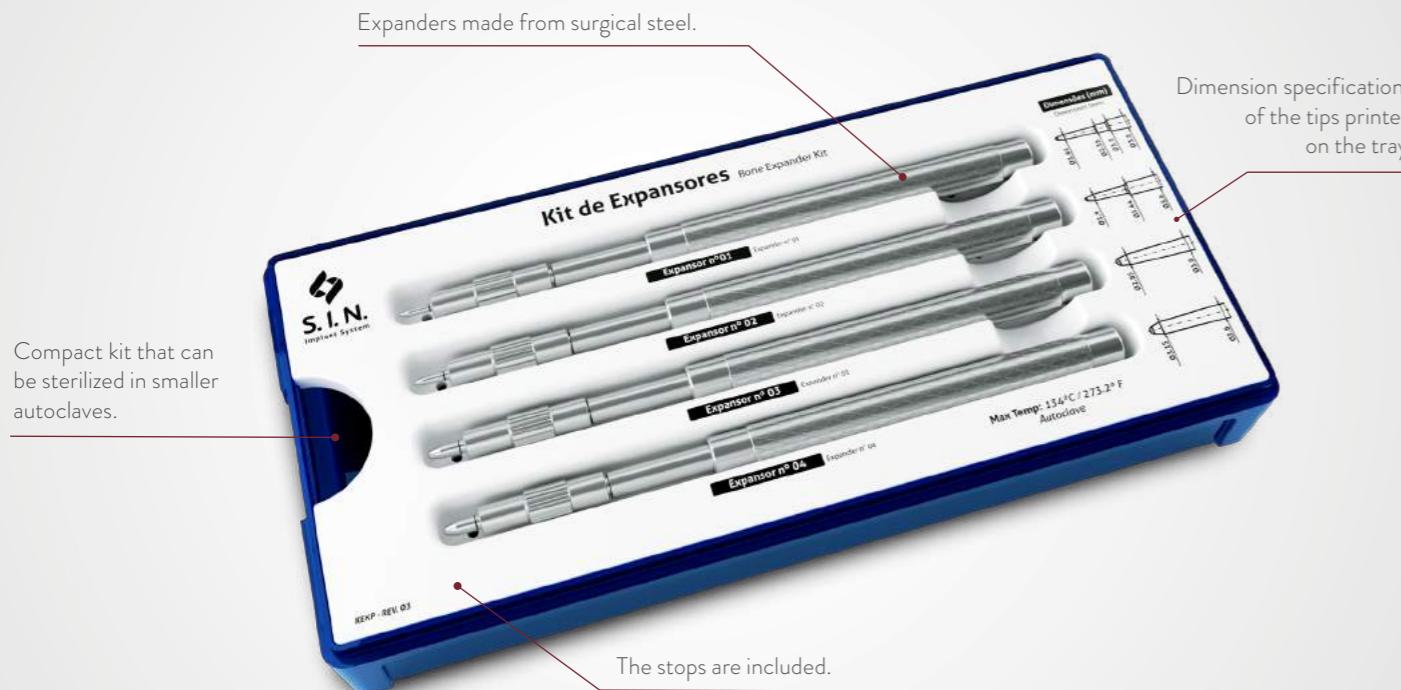


*Check product availability in your country.

CODE: KTMEC 02 | ORGANIZING BOX CODE: COTMEC 02

BONE EXPANDER KIT

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

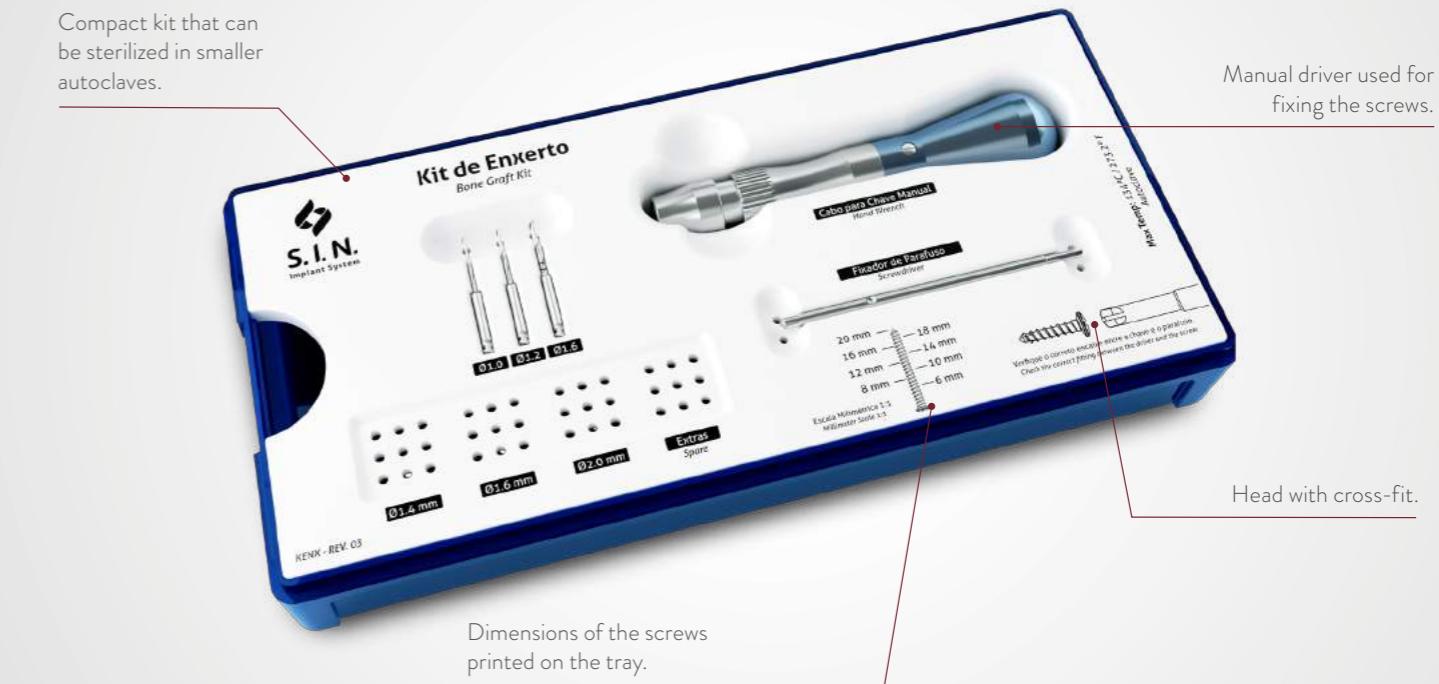


CODE: KEXP
ORGANIZING BOX CODE: COEXP

CODE	DESCRIPTION
SXPS 01	Expander with stop 1 - ø 1.65 mm Tip
SXPS 02	Expander with stop 2 - ø 1.90 mm Tip
SXPS 03	Expander with stop 3 - ø 2.85 mm Tip
SXPS 04	Expander with stop 4 - ø 3.15 mm Tip
COEXP	Expander Organizing 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
ORGANIZING BOX CODE: COENX

BONE GRAFT SCREWS

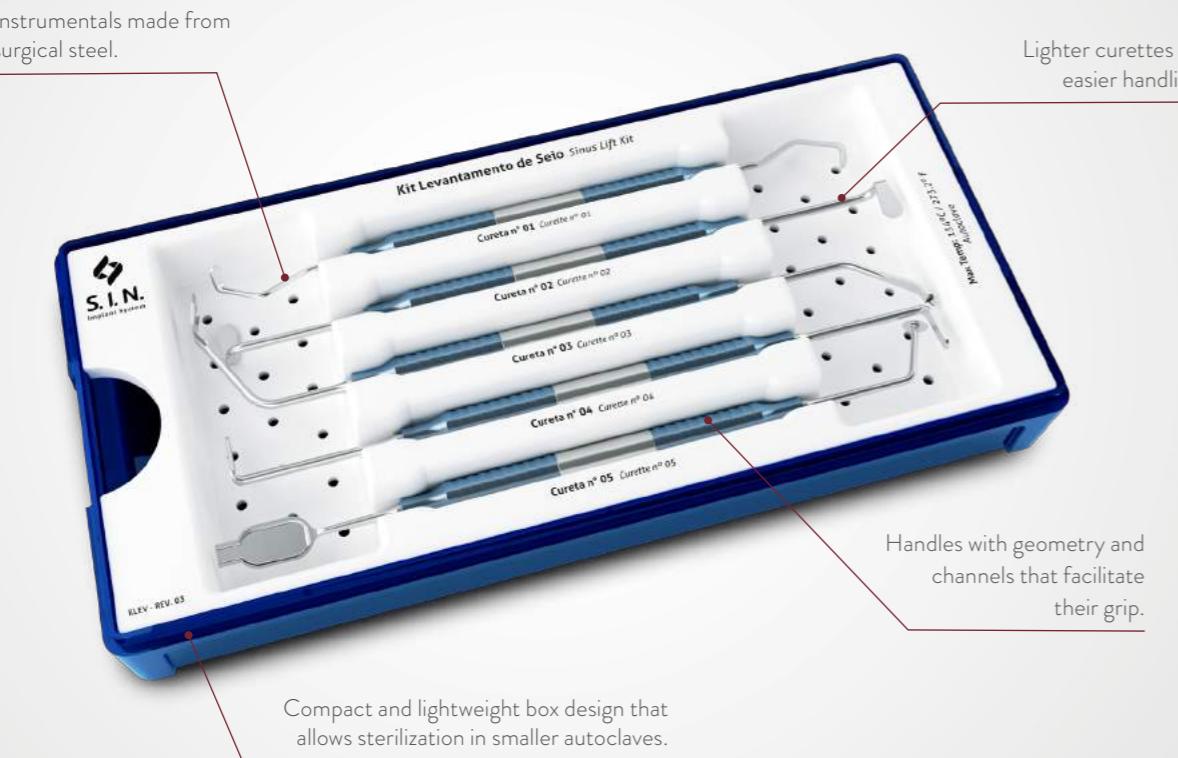
CODE	DIAM.	LENGTH
PEX1408	1.4 mm	8.0 mm
PEX1410	1.4 mm	10.0 mm
PEX1412	1.4 mm	12.0 mm
PEX1608	1.6 mm	8.0 mm
PEX1610	1.6 mm	10.0 mm
PEX1612	1.6 mm	12.0 mm

NOTE: Screws are sold separately.

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

SINUS LIFT KIT

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

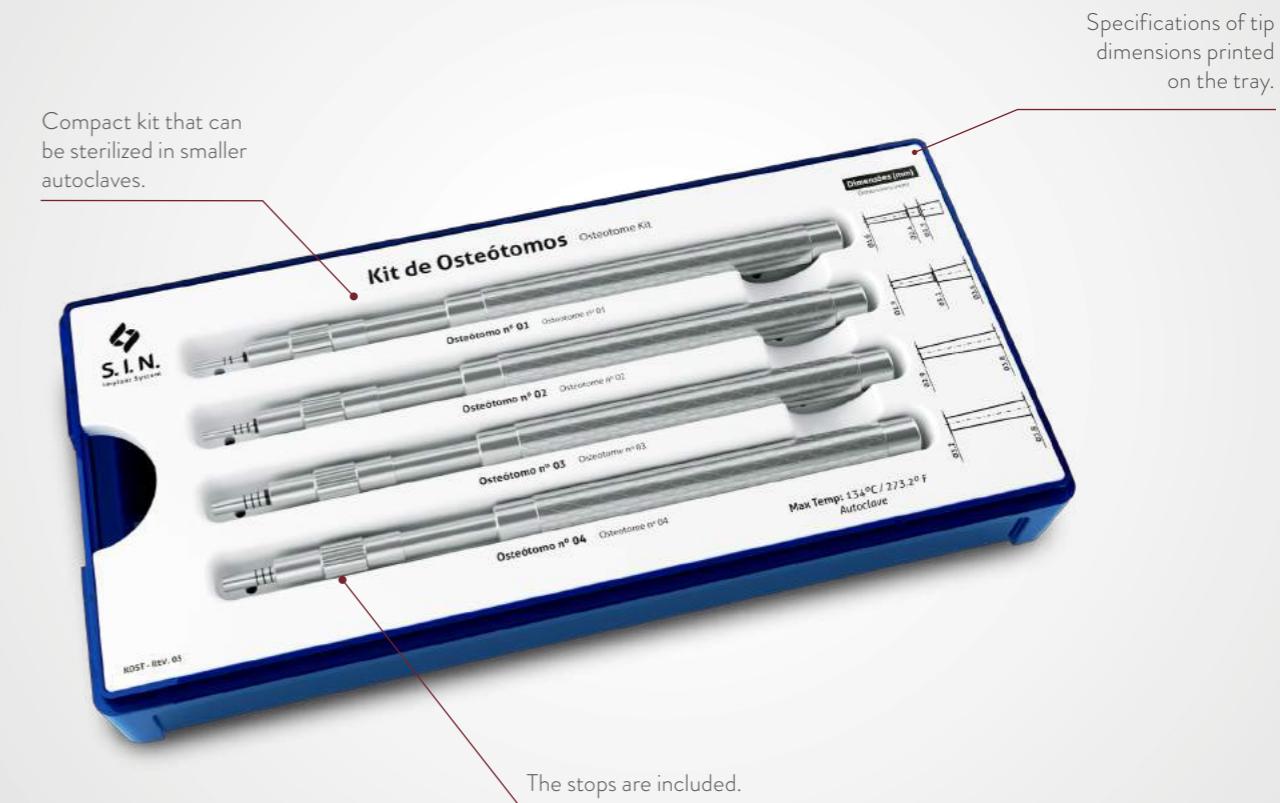


CODE: KLEV 02
ORGANIZING BOX CODE: COLEV

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

OSTEOTOME KIT

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



CODE: KOST
ORGANIZING 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

ROTARY EXPANDING KIT

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



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

ORTHODONTIC KIT

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



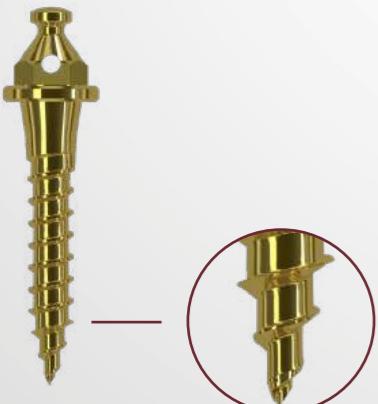
CODE	DESCRIPTION
CMPO 70	Hand wrench for micro orthodontic screws - High Utility
CCPO 24	Hand wrench for orthodontic screws - High Utility
FML 70	Manual lance-type drill
FH 1015	Twist Drill 1,0 x 15 mm
CDM 02	Hand wrench
CDPO 24	Digital Key for Orthodontic Screw (for final screw installation only)
COOR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

NOTE: Screws are sold separately.

ORTHODONTIC MINI-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.

➤ Diameter:

1.4 mm
1.6 mm
1.8 mm

SELF-DRILLING WITHOUT TRANSMUCOSAL PROFILE



CODE	DIAM.	HEIGHT
POT1406	1.4 mm	6.0 mm
POT1408	1.4 mm	8.0 mm
POT1400	1.4 mm	10.0 mm
POT1606	1.6 mm	6.0 mm
POT1608	1.6 mm	8.0 mm
POT1600	1.6 mm	10.0 mm
POT1806	1.8 mm	6.0 mm
POT1808	1.8 mm	8.0 mm
POT1800	1.8 mm	10.0 mm

SELF-DRILLING WITHOUT TRANSMUCOSAL PROFILE (2MM)



CODE	DIAM.	HEIGHT
POT1420	1.4 mm	10.0 mm
POT1428	1.4 mm	8.0 mm
POT1620	1.6 mm	10.0 mm
POT1628	1.6 mm	8.0 mm
POT1820	1.8 mm	10.0 mm
POT1828	1.8 mm	8.0 mm

SELF-DRILLING WITHOUT TRANSMUCOSAL PROFILE (1MM)



CODE	DIAM.	HEIGHT
POT1416	1.4 mm	6.0 mm
POT1418	1.4 mm	8.0 mm
POT1410	1.4 mm	10.0 mm
POT1616	1.6 mm	6.0 mm
POT1618	1.6 mm	8.0 mm
POT1610	1.6 mm	10.0 mm
POT1816	1.8 mm	6.0 mm
POT1818	1.8 mm	8.0 mm
POT1810	1.8 mm	10.0 mm

SELF-DRILLING WITHOUT TRANSMUCOSAL PROFILE (3MM)



CODE	DIAM.	HEIGHT
POT1438	1.4 mm	8.0 mm
POT1430	1.4 mm	10.0 mm
POT1638	1.6 mm	8.0 mm
POT1630	1.6 mm	10.0 mm
POT1838	1.8 mm	8.0 mm
POT1830	1.8 mm	10.0 mm

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-ABUT-MENT	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-ABUT-MENT	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-ABUT-MENT	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

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

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.

BONE PROFILING MILLING CUTTERS

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

COUNTER-ANGLE 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

HELICAL MILLING CUTTERS

ITEM	CODE	MEASUREMENTS	DESCRIPTION
	FH 2010	ø 2,0x 10,0 mm	<ul style="list-style-type: none"> > 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	

TREPINE MILLING CUTTERS

ITEM	CODE	MEASUREMENTS	DESCRIPTION
	FTR 02	ø 2,0 mm	<ul style="list-style-type: none"> > 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	

MORE EASILY AND SAFETY FOR YOUR CLINICAL PROCEDURES

S.I.N. Implant System 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.



The implant should not be captured with the ratchet wrench.

- › 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 1.2 mm hexagonal digital key.

SUPERIOR QUALITY AND TECHNOLOGY

WE WARRANT, BECAUSE WE ARE PROUD OF OUR PRODUCTS.

S.I.N. Implant System'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/3tHHnU8>



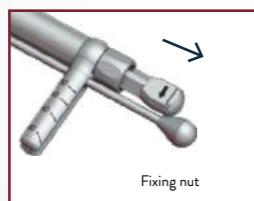
TORQUE WRENCH CLEANING PROCEDURES

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.

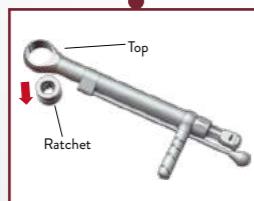
Pull the inverter stem back on.

› 01



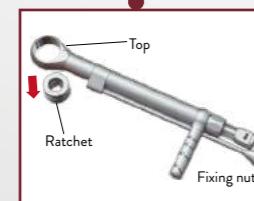
Remove the ratchet.

› 02



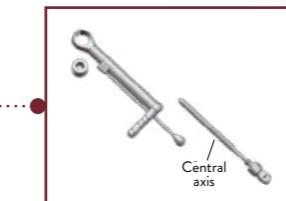
Rotate the fastening nut in a counter-clockwise direction.

› 03



Remove the central axle.

› 04



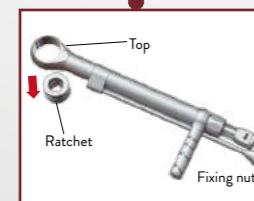
Remove the stem torque graduation.

› 05



Begin the washing procedure.

› 06



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.



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 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.

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**
Rodrigo A. da Silva, Geórgia da Silva Feltran, Marcel Rodrigues Ferreira, Patrícia Fretes Wood, Fabio Bezerra and Willian F. Zambuzzi. *Hindawi BioMed Research International* - 2020
- › **FAILURE MODES AND SURVIVAL OF ANTERIOR CROWNS SUPPORTED BY NARROW IMPLANT SYSTEMS**
Edmara T. P. Bergamo, Everardo N. S. de Araújo-Júnior, Adolfo C. O. Lopes, Paulo G. Coelho, Abbas Zahoui, Ernesto B. Benalcázar Jalkh and Estevam A. Bonfante. *Hindawi BioMed Research International* - 2020
- › **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, Michael Greenberg, Gregory Kurgansky, Paulo G. Coelho. *Clinical Oral Implants Research* - 2011
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- › **DIFFERENTIAL INFLAMMATORY LANDSCAPE STIMULUS DURING TITANIUM SURFACES-OBTAINED OSTEOGENIC PHENOTYPE**
Georgia da S. Feltran¹, Fábio Bezerra¹, Célio Júnior da Costa Fernandes¹, Marcel Rodrigues Ferreira¹, Willian F. Zambuzzi¹. 2019
- › **THE BIOLOGICAL RESPONSE TO THREE DIFFERENT NANOSTRUCTURES APPLIED ON SMOOTH IMPLANT SURFACES**
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Fábio Bezerra, Marcel R. Ferreira, Giselle N. Fontes, Celio Jr da Costa Fernandes, Denise C. Andia, Nilson C. Cruz, Rodrigo A. da Silva, Willian F. Zambuzzi. *Biotechnology and Bioengineering*, 2017
- › **EVALUATION OF A TITANIUM SURFACE TREATED WITH HYDROXYapatite NANOCRYSTALS ON OSTEOBLASTIC CELL BEHAVIOR: AN IN VITRO STUDY**
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- › **GENETIC RESPONSES TO NANOSTRUCTURED CALCIUM-PHOSPHATE-COATED IMPLANTS**
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- › **HISTOLOGICAL AND THREE-DIMENSIONAL EVALUATION OF OSSEointegration TO NANOSTRUCTURED CALCIUM PHOSPHATE-COATED IMPLANTS**
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- › **NANO HYDROXYapatite STRUCTURES INFLUENCE EARLY BONE FORMATION**
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- › **NANO HYDROXYapatite-COATED IMPLANTS IMPROVE BONE NANOMECHANICAL PROPERTIES**
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- › **TOPOGRAPHY AND SURFACE ENERGY OF DENTAL IMPLANTS: A METHODOLOGICAL APPROACH**
Tarsis Prado Barbosa · Marina Melo Naves · Helder Henrique Machado Menezes · Pedro Henrique Cunha Pinto · José Daniel Biasoli de Mello · Henara Lillian Costa. *Technical Paper* - 2017
- › **OSSEointegration: HIERARCHICAL DESIGNING ENCOMPASSING THE MACROMETER, MICROMETER AND NANOMETER LENGTH SCALES**
Paulo G. Coelho, Ryo Jimbo, Nick Tovar, Estevam A. Bonfante. *Dental Materials* - 2015
- › **BUCCAL AND LINGUAL BONE LEVEL ALTERATIONS AFTER IMMEDIATE IMPLANTATION OF FOUR IMPLANT SURFACES: A STUDY IN DOGS**
Estevam A. Bonfante, Malvin N. Janal, Rodrigo Granato, Charles Marin, Marcelo Suzuki, Nick Tovar, Paulo G. Coelho.
- › **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, Michael Greenberg, Gregory Kurgansky, Paulo G. Coelho. *Journal of Dentistry* - 2020

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