

Strong SW

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

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



RESHAPE
the **FUTURE** with a
SMILE.

RESHAPE the **FUTURE** with Strong SW & SW PLUS



Scientific Evidence

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

Production Excellence

- › Large investments in technological updating of our manufacturing facilities over the past three years in state-of-the-art equipment.
- › Annual production of over 5 million items.

Global Presence

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

Guaranteed Quality and Certifications

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



RESHAPE the **FUTURE** with **Strong SW**



DOWNLOAD S.I.N. APP AND
SEE IT IN EXPANDED REALITY.
Place the cellphone camera over the image.



*Check the availability of this product in your region

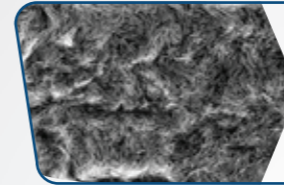
Strong SW PLUS

The versatility of Strong SW line that you already know, with HAnano® surface and accelerated osseointegration. Developed at the most important Swedish universities, this nanosurface considerably accelerates the quality of osseointegration.



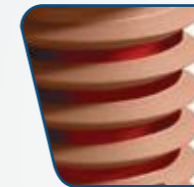
*Check the availability of this product in your region

NANOTECHNOLOGY IN FAVOR OF VERSATILITY.



› Exclusive HAnano® surface

Developed at the main Swedish universities, HAnano® was evaluated by more than 50 preclinical and clinical studies, which verify a faster osseointegration, besides promoting a superior bone quality.



› More bone, more speed.

The high hydrophilicity, which is generated by an ultrafine and homogeneous layer of hydroxyapatite, increases the activity of the proteins involved in the process of osseointegration.



› One implant, many possibilities.

The advantages of the best nanosurface of the world in any connection (External Hex., Internal Hex. and Cone Morse).



› Indicated for any bone type.

The hybrid macrogeometry of Strong SW Plus allows the implant installation in any bone density, including after tooth extraction.



› Clinical Convenience.

A single surgical kit for installation of the entire Strong SW and Strong SW Plus line.



› Success verified through a solid scientific research.

With more than one decade in the market, the implants line Strong SW has approximately more than 2.2 million implants sold and approximately 60 scientific papers published around the world. This is proof of the quality and superiority of Strong SW.

HA^{nano} Surface

THINNER, FASTER AND STRONGER

GET TO KNOW THE GOLDEN STANDARD OF OSSEOINTEGRATION

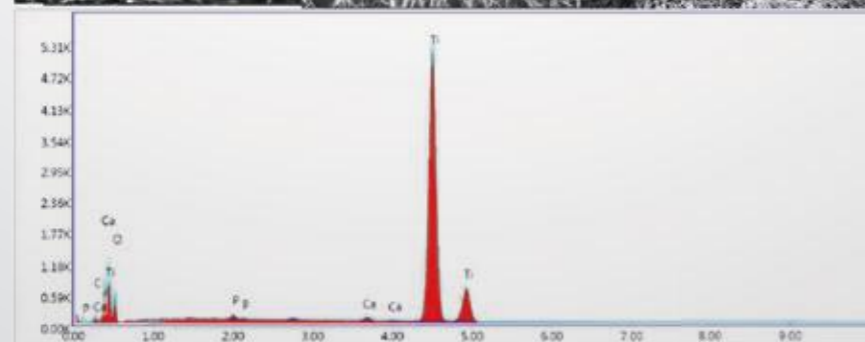
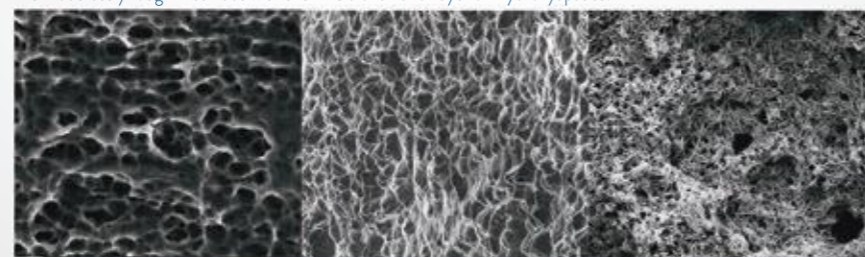
Hydroxyapatite (HA), which is the main mineral present in the natural bone structure, when applied on the surface of nanostructured titanium implants, forms a homogeneous and stable coating functioning as a scar catalyst that speeds up osseointegration when compared to conventional surfaces.

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

The HAnano® coating is formed by hydroxyapatite nanocrystals, with size and shape similar to those of human bone, sintered on a microrough titanium measuring 20 nm thick that promotes a change on surface energy, increasing the hydrophilicity

and providing substrate that stimulates a greater osteoblasts multiplication. The HAnano® present on the surface of the Unitite and Strong SW Plus implants has shown an improvement in scar response in molecular tests of signal transduction, where the proteins involved in the scar process recorded a substantial increase in concentration, presenting the coating positive effect on the interaction with the pre-osteoblastic cells. Likewise, there was an increase in the concentration of important osteogenic markers, such as alkaline phosphatase and osteocalcin, in a clear signaling of the mineralization process acceleration. Among the most relevant aspects, with the greatest clinical significance, is the bone mechanical quality which is formed around this highly hydrophilic Unitite and Strong SW Plus surface, which derives from the resulting ionic potential of the HAnano®.

The image below shows the SW 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.



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

*Check the availability of this product in your region

SCIENTIFIC PUBLICATIONS

The positive and superior results of HAnano® have been evaluated and proven by numerous scientific studies in several recognized universities and research institutions worldwide.

NANO HYDROXYAPATITE STRUCTURES INFLUENCE EARLY BONE FORMATION.

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

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

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

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

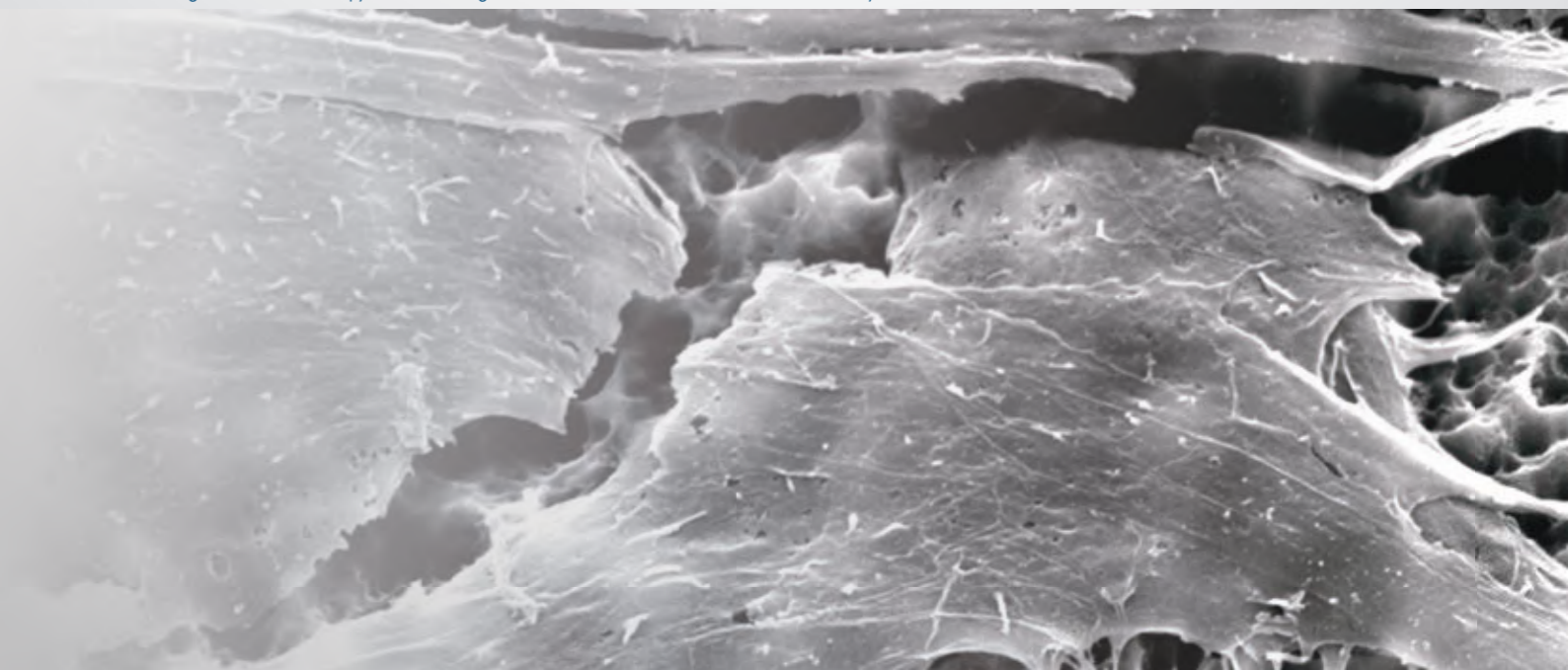
The International Journal of Oral and Maxillofacial Implants Volume 23, Issue 4, 2008, pp. 641-647

NANO HYDROXYAPATITE COATED IMPLANTS IMPROVE BONE NANOMECHANICAL PROPERTIES.

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

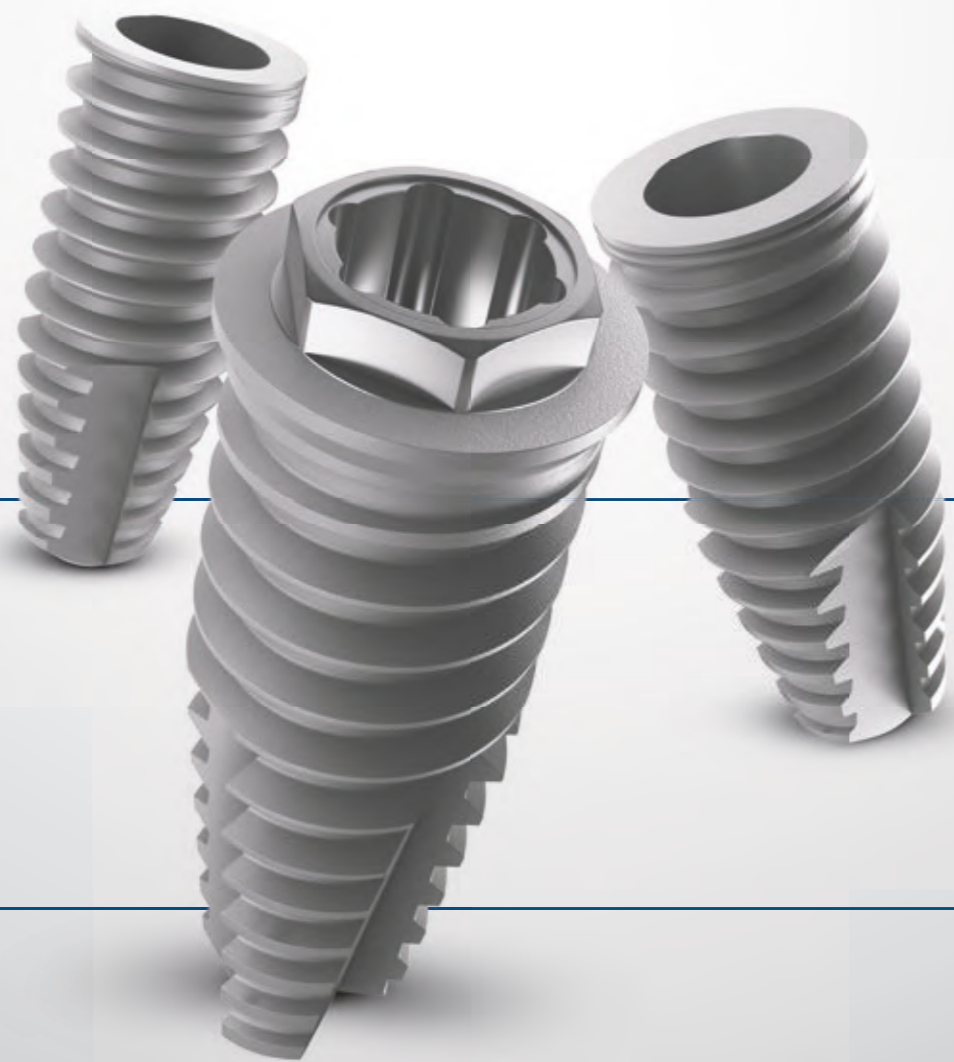
A.J Dent Res. 2012;91(12):1172-7

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



Strong SW

The Strong SW line delivers a unique experience to those professionals who aim for outstanding results. With an exceptional clinical practicality the Strong SW line has a full range of implants.

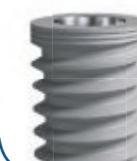


A UNIVERSE OF POSSIBILITIES AND BENEFITS



› Apex:

Support and stability for cases of thin bone thickness.



› Cervical microthreads:

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



› Accurate fit:

Exclusive prosthetic components and high resistance to dissipate transverse and axial forces.

› Manufactured in Titanium Grade 4:

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



› Hybrid macrogeometry, cylindrical body and conical apex:

Combining the best of tapered and cylindrical implants. Indicated for all bone densities. Full contact between implant and bone.

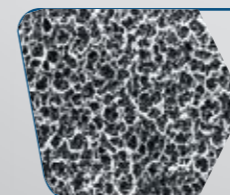


› Trapezoidal thread:

The depth and space of its threads offer high primary stability and faster insertion.

› Ultra Threading:

The sharper profile threads simplify the implant placement.

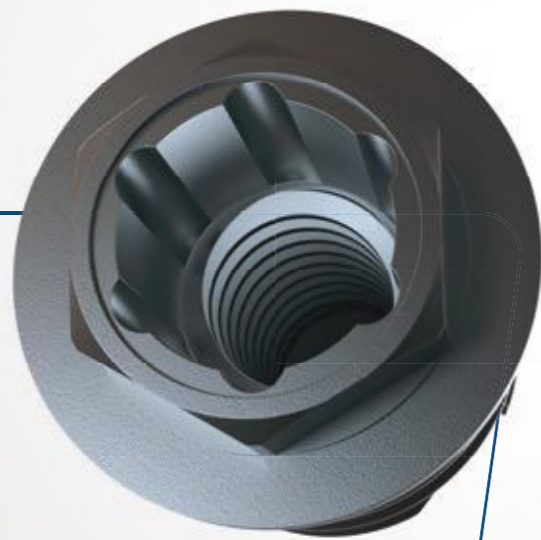


› Complete surface treatment:

Double acid etching up to the cervical area of the implant. The Cone Morse offers the treatment up to the connection area.

Strong SW

EXTERNAL HEXAGON



- › Indicated for immediate or late loading rehabilitation and for single or multiple implants.
- › It allows the installation in any type of bone, including post-extraction.
- › Hexalobular connection: Key does not latch, supports higher torque and connection does not deform.
- › Allows Platform Switching technique.
- › 3 key options for installation (contra-angle, ratchet and digital key).

› Bone level installation.

- › Speed of the Initial drills: 1.500 rpm.
- › Speed of the Drills 3.5 to 5.0mm: 800 rpm.
- › Speed of the Bone tap: 25 rpm*
- › Insertion speed: 20 to 40 rpm.
- › Immediate loading: recommended torque from 45 to 80 N.cm.**
- › Late loading: maximum Torque 45 N.cm.

* The use of the bone tap is optional in bone type I and II because it is a compressive implant, however the maximum torque must always be respected.

** Relative contraindication in patients with systemic or local problems and at professional's discretion.

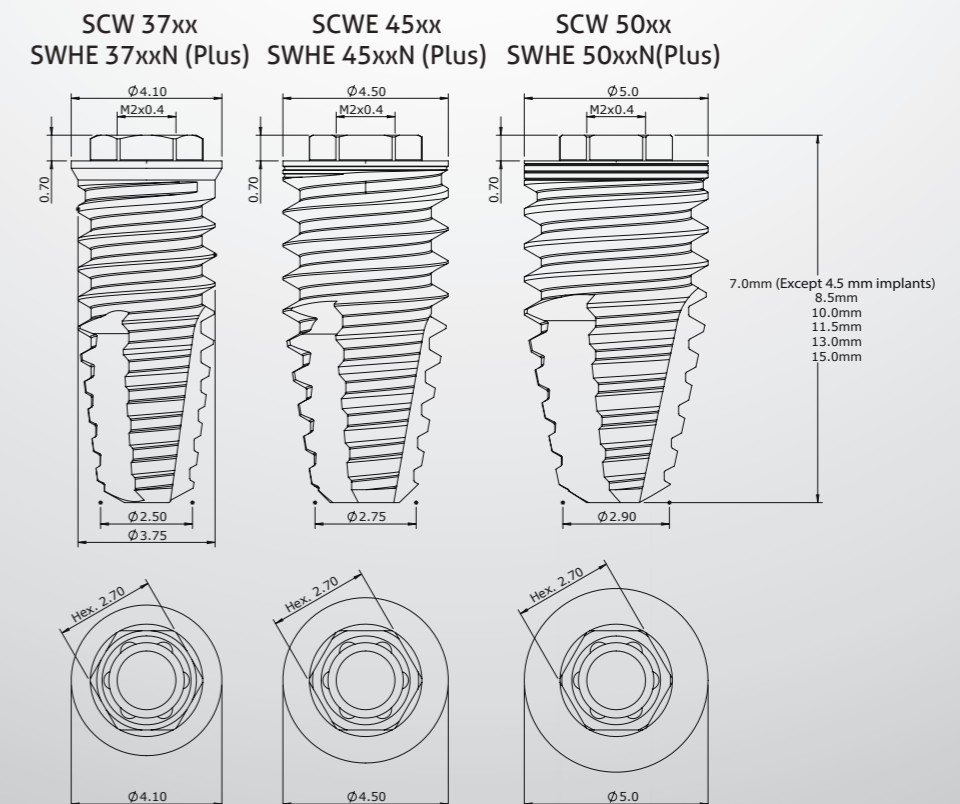
DRILLING SEQUENCE GUIDE

		1500 rpm			800 rpm				25 rpm				
		FRD	FHD	FRWD	FRWD	FCWD	FRWD	FRWD	CMRIW	CMRIW	CMRIW	CMRIW	CMRIW
PLAT. (mm)	DIAM. (mm)	2020 Ø 2.0	2015 Ø 2.0	35 Ø 3.05	38 Ø 3.3	41 Ø 4.1	45 Ø 4.0	50 Ø 4.25	35 Ø 3.5	37 Ø 3.75	38 Ø 3.8	45 Ø 4.5	50 Ø 5.0
4,1	3,75	•	•	•	•	•				•			
4,5	4,5	•	•	•	•		•					•	
5	5	•	•	•	•		•	•					•

Strong SW

Strong SW Plus

Technical measures





3.6 FIT LINE

Platform Switching is a technique where the diameter of the component used is smaller than the implant platform diameter; thus, a 90 degree “step” is created between the implant and the component.

S.I.N. brings the best of this concept to Strong SW line.

- › A line of 3.6 mm components for 4.1 mm implants.
- › It helps on the maintenance of the bone levels.
- › It simplifies the clinical settlement of the prosthesis components.
- › It improves the dissipation of forces in the cervical region of the implant.
- › It minimizes the marginal bone loss.
- › It improves the marginal sealing for a better settlement of the peri-implant tissue.
- › It promotes a better aesthetics, and rehabilitation with the highest biocompatibility.



EXTERNAL HEX PROSTHETIC SEQUENCE

TEMPORARY/CEMENTED/SCREW RETAINED

COMPATIBLE WITH LINE



IMPLANT

CODE. SW	CODE. SW PLUS	PLAT. (mm)	DIAM. (mm)	LENGTH (mm)
SCW 3707	SWHE 3707N	4,1	3,75	7
SCW 3710	SWHE 3710N	4,1	3,75	10
SCW 3711	SWHE 3711N	4,1	3,75	11,5
SCW 3713	SWHE 3713N	4,1	3,75	13
SCW 3715	SWHE 3715N	4,1	3,75	15
SCW 3785	SWHE 3785N	4,1	3,75	8,5
SCWE 4510	SWHE 4510N	5	4,5	10
SCWE 4511	SWHE 4511N	5	4,5	11,5
SCWE 4513	SWHE 4513N	5	4,5	13
SCWE 4515	SWHE 4515N	5	4,5	15
SCWE 4585	SWHE 4585N	5	4,5	8,5
SCW 5007	SWHE 5007N	5	5	7
SCW 5010	SWHE 5010N	5	5	10
SCW 5011	SWHE 5011N	5	5	11,5
SCW 5013	SWHE 5013N	5	5	13
SCW 5015	SWHE 5015N	5	5	15
SCW 5085	SWHE 5085N	5	5	8,5

HEALING CAP

CODE	DIAM. (mm)	LENGTH (mm)
TI 3600	3,6	1
TI 3602	3,6	2
CI 4102	4,1	2
CI 4104	4,1	4
CI 3602	5	2
CI 4152	5	2
CI 3604	5	4
CI 4154	5	4
CI 3606	5	6
CI 4156	5	6
CI 4158	5	8
CI 5052	5,5	2
CI 5054	5,5	4
CI 5056	5,5	6
CI 5058	5,5	8

OPEN TRAY TRANSFER

CODE	PLAT. (mm)
TMAI 3605	3,6
TMAI 4105	4,1
TMAI 5005	5,0



CLOSED TRAY TRANSFER

CODE	PLAT. (mm)
TMFI 3605	3,6
TMFI 4105	4,1
TMFI 5005	5,0



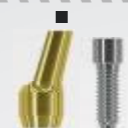
ANALOG

CODE
AN 4100
AN 5000



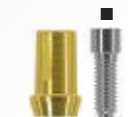
TEMPORARY TITANIUM CYLINDER

CODE	PLAT. (mm)
CPT 360-H	3,6
CPT 366-H	3,6
CPT 400-H	4,1
CPT 406-H	4,1
CPT 500-H	5,0
CPT 506-H	5,0



17° ANGLED CEMENTED ABUTMENT

CODE	PLAT. (mm)	LENGTH (mm)
AIA 3651-Q	3,6	1,0
AIA 3652-Q	3,6	2,0
AIA 3653-Q	3,6	3,0
AIA 3654-Q	3,6	4,0
AIA 4151-Q	4,1	1,0
AIA 4152-Q	4,1	2,0
AIA 4154-Q	4,1	4,0
AIA 5052-Q	5,0	2,0
AIA 5054-Q	5,0	4,0



STRAIGHT CEMENTED ABUTMENT

CODE	PLAT. (mm)	LENGTH (mm)
AI 3651-Q	3,6	1,0
AI 3652-Q	3,6	2,0
AI 3653-Q	3,6	3,0
AI 3654-Q	3,6	4,0
AI 4151-Q	4,1	1,0
AI 4152-Q	4,1	2,0
AI 4153-Q	4,1	3,0
AI 4154-Q	4,1	4,0
AI 5051-Q	5,0	1,0
AI 5052-Q	5,0	2,0
AI 5053-Q	5,0	3,0
AI 5054-Q	5,0	4,0



CO-CR ABUTMENT

CODE
EUCLA 360-Q
EUCLA 366-Q
EUCLA 400-Q
EUCLA 406-Q
EUCLA 500-Q
EUCLA 506-Q



PLASTIC ABUTMENT

CODE
UCLA 360-Q
UCLA 366-Q
UCLA 400-Q
UCLA 406-Q
UCLA 500-Q
UCLA 506-Q



LABORATORY SCREW

CODE	
PLPA 1	external Hex.
PTMA 22-1	

2.0 mm screw



RETAINING SCREW

CODE	
PTQ 2008	Titanium Squared
PT 2008	Titanium Hex.

2.0 mm screw



POLISHING PROTECTOR

CODE
PPI 41
PPI 4100

- Hex Screw
- ⊗ Anti-Rotational Component
- Squared Screw
- ⊕ Abutment Screw

EXTERNAL HEX

EXTERNAL HEX PROSTHETIC SEQUENCE

MULTI-UNIT ABUTMENT
MULTIPLE SCREW RETAINED RESTORATIONS

COMPATIBLE WITH LINE



20 N.cm

STRAIGHT MULTI-UNIT ABUTMENT

CODE	PLAT. (mm)	DIAM. (mm)	LENGTH (mm)
MA 3601	3,6	4,8	1
MA 3602	3,6	4,8	2
MA 3603	3,6	4,8	3
MA 3604	3,6	4,8	4
MA 4101	4,1	4,8	1
MA 4102	4,1	4,8	2
MA 4103	4,1	4,8	3
MA 4104	4,1	4,8	4
MA 5001	5	4,8	1
MA 5002	5	4,8	2
MA 5003	5	4,8	3
MA 5004	5	4,8	4



IMPLANT

CODE SW	CODE SW PLUS	PLAT. (mm)	DIAM. (mm)	LENGTH (mm)
SCW 3707	SWHE 3707N	4,1	3,75	7
SCW 3710	SWHE 3710N	4,1	3,75	10
SCW 3711	SWHE 3711N	4,1	3,75	11,5
SCW 3713	SWHE 3713N	4,1	3,75	13
SCW 3715	SWHE 3715N	4,1	3,75	15
SCW 3785	SWHE 3785N	4,1	3,75	8,5
SCWE 4510	SWHE 4510N	5	4,5	10
SCWE 4511	SWHE 4511N	5	4,5	11,5
SCWE 4513	SWHE 4513N	5	4,5	13
SCWE 4515	SWHE 4515N	5	4,5	15
SCWE 4585	SWHE 4585N	5	4,5	8,5
SCW 5007	SWHE 5007N	5	5	7
SCW 5010	SWHE 5010N	5	5	10
SCW 5011	SWHE 5011N	5	5	11,5
SCW 5013	SWHE 5013N	5	5	13
SCW 5015	SWHE 5015N	5	5	15
SCW 5085	SWHE 5085N	5	5	8,5



20 N.cm

17° ANGLED MULTI-UNIT ABUTMENT

CODE	PLAT. (mm)	DIAM. (mm)	LENGTH (mm)
MAA 3602	3,6	4,8	2
MAA 3604	3,6	4,8	4
MAA 4102	4,1	4,8	2
MAA 4103	4,1	4,8	3



20 N.cm

30° ANGLED MULTI-UNIT ABUTMENT

CODE	PLAT. (mm)	DIAM. (mm)	LENGTH (mm)
MAA 3632	3,6	4,8	2
MAA 3634	3,6	4,8	4
MAA 4132	4,1	4,8	2
MAA 4134	4,1	4,8	4



ABUTMENT PROTECTOR

CODE
PMA 4855
5,0mm profile



OPEN TRAY TRANSFER

CODE
TMAM 4800



CLOSED TRAY TRANSFER

CODE
TMFM 4800



ANALOG

CODE
ANMA 4800



10 N.cm

TEMPORARY TITANIUM CYLINDER

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



POLISHING PROTECTOR

CODE
PPM 01



LABORATORY SCREW

CODE DIAM. (mm)
PL 1405 Short 1,4
PTMA 13-1 Long 1,4



10 N.cm

RETAINING SCREW

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

- Hex Screw
- ⊙ Anti-Rotational Component
- Squared Screw
- ⊕ Abutment Screw

EXTERNAL HEX PROSTHETIC SEQUENCE

CONICAL ABUTMENT
SINGLE/MULTIPLE SCREW RETAINED RESTORATIONS

COMPATIBLE WITH LINE



20 N.cm



OPEN TRAY TRANSFER

CODE
TMAA 4800
TMAA 4806/ with Hex.



CLOSED TRAY TRANSFER

CODE
TMFA 4800
TMFA 4806/ with Hex.



ANALOG

CODE
ANAC



10 N.cm

TEMPORARY TITANIUM CYLINDER

CODE
PTA 4800-3
PTA 4806-3 with Hex.



10 N.cm

CALCINABLE AND CO-CR CYLINDER

CODE
CPAC 00-3 Plastic
CALE 00-3 Cobalt Chrome
CPAC 06-3 Plastic with Hex.
CALE 06-3 Cobalt Chrome with Hex.



POLISHING PROTECTOR

CODE
PPAC 01



LABORATORY SCREW

CODE	DIAM. (mm)
PL 1405 Short	1,4
PTMA 13-1 Long	1,4



10 N.cm

RETAINING SCREW

CODE	LENGTH (mm)
PRH 30	3

IMPLANT				
CODE SW	CODE SW PLUS	PLAT. (mm)	DIAM. (mm)	LENGTH (mm)
SCW 3707	SWHE 3707N	4,1	3,75	7
SCW 3710	SWHE 3710N	4,1	3,75	10
SCW 3711	SWHE 3711N	4,1	3,75	11,5
SCW 3713	SWHE 3713N	4,1	3,75	13
SCW 3715	SWHE 3715N	4,1	3,75	15
SCW 3785	SWHE 3785N	4,1	3,75	8,5
SCWE 4510	SWHE 4510N	5	4,5	10
SCWE 4511	SWHE 4511N	5	4,5	11,5
SCWE 4513	SWHE 4513N	5	4,5	13
SCWE 4515	SWHE 4515N	5	4,5	15
SCWE 4585	SWHE 4585N	5	4,5	8,5
SCW 5007	SWHE 5007N	5	5	7
SCW 5010	SWHE 5010N	5	5	10
SCW 5011	SWHE 5011N	5	5	11,5
SCW 5013	SWHE 5013N	5	5	13
SCW 5015	SWHE 5015N	5	5	15
SCW 5085	SWHE 5085N	5	5	8,5

CONICAL ABUTMENT			
CODE	PLAT. (mm)	DIAM. (mm)	LENGTH (mm)
AC 3601	3,6	4,8	1
AC 3602	3,6	4,8	2
AC 3603	3,6	4,8	3
AC 3604	3,6	4,8	4
AC 4101	4,1	4,8	1
AC 4102	4,1	4,8	2
AC 4103	4,1	4,8	3
AC 4104	4,1	4,8	4
AC 5001	5	4,8	1
AC 5002	5	4,8	2
AC 5003	5	4,8	3
AC 5004	5	4,8	4

ABUTMENT PROTECTOR
CODE
PA 4855
5,0 mm profile

- Hex Screw
- ⊙ Anti-Rotational Component
- Squared Screw
- ⊕ Abutment Screw

EXTERNAL HEX PROSTHETIC SEQUENCE

OVERDENTURE SOLUTIONS
BAR-CLIP ATTACHMENT

COMPATIBLE WITH LINE



IMPLANT				
CODE SW	CODE SW PLUS	PLAT. (mm)	DIAM. (mm)	LENGTH (mm)
SCW 3707	SWHE 3707N	4,1	3,75	7
SCW 3710	SWHE 3710N	4,1	3,75	10
SCW 3711	SWHE 3711N	4,1	3,75	11,5
SCW 3713	SWHE 3713N	4,1	3,75	13
SCW 3715	SWHE 3715N	4,1	3,75	15
SCW 3785	SWHE 3785N	4,1	3,75	8,5
SCWE 4510	SWHE 4510N	5	4,5	10
SCWE 4511	SWHE 4511N	5	4,5	11,5
SCWE 4513	SWHE 4513N	5	4,5	13
SCWE 4515	SWHE 4515N	5	4,5	15
SCWE 4585	SWHE 4585N	5	4,5	8,5
SCW 5007	SWHE 5007N	5	5	7
SCW 5010	SWHE 5010N	5	5	10
SCW 5011	SWHE 5011N	5	5	11,5
SCW 5013	SWHE 5013N	5	5	13
SCW 5015	SWHE 5015N	5	5	15
SCW 5085	SWHE 5085N	5	5	8,5



HEALING CAP		
CODE	DIAM. (mm)	LENGTH (mm)
CI 4102	4,1	2
CI 3604	5	4
CI 4154	5	4
CI 3606	5	6
CI 4156	5	6
CI 4158	5	8
CI 5052	5,5	2
CI 5054	5,5	4
CI 5056	5,5	6
CI 5058	5,5	8
CI 3602	5	2
CI 4104	4,1	4
CI 4152	5	2



OPEN TRAY TRANSFER

CODE	PLAT. (mm)
TMAI 3605	3,6
TMAI 4105	4,1
TMAI 5005	5,0



CLOSED TRAY TRANSFER

CODE	PLAT. (mm)
TMFI 3605	3,6
TMFI 4105	4,1
TMFI 5005	5,0



ANALOG

CODE
AN 4100
AN 5000



32 N.cm

CO-CR ABUTMENT

CODE
EUCLA 360-Q
EUCLA 366-Q
EUCLA 400-Q
EUCLA 406-Q
EUCLA 500-Q
EUCLA 506-Q



32 N.cm

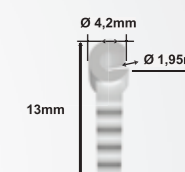
PLASTIC ABUTMENT

CODE
UCLA 360-Q
UCLA 366-Q
UCLA 400-Q
UCLA 406-Q
UCLA 500-Q
UCLA 506-Q



OVERDENTURE BAR

CODE
FO 01
Polycetal



PLASTIC CLIP

CODE
CLIPP

EXTERNAL HEX

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

EXTERNAL HEX PROSTHETIC SEQUENCE

OVERDENTURE SOLUTIONS
MULTI-UNIT + BAR-CLIP RESTORATIONS

COMPATIBLE WITH LINE



IMPLANT

CODE SW	CODE SW PLUS	PLAT. (mm)	DIAM. (mm)	LENGTH (mm)
SCW 3707	SWHE 3707N	4,1	3,75	7
SCW 3710	SWHE 3710N	4,1	3,75	10
SCW 3711	SWHE 3711N	4,1	3,75	11,5
SCW 3713	SWHE 3713N	4,1	3,75	13
SCW 3715	SWHE 3715N	4,1	3,75	15
SCW 3785	SWHE 3785N	4,1	3,75	8,5
SCWE 4510	SWHE 4510N	5	4,5	10
SCWE 4511	SWHE 4511N	5	4,5	11,5
SCWE 4513	SWHE 4513N	5	4,5	13
SCWE 4515	SWHE 4515N	5	4,5	15
SCWE 4585	SWHE 4585N	5	4,5	8,5
SCW 5007	SWHE 5007N	5	5	7
SCW 5010	SWHE 5010N	5	5	10
SCW 5011	SWHE 5011N	5	5	11,5
SCW 5013	SWHE 5013N	5	5	13
SCW 5015	SWHE 5015N	5	5	15
SCW 5085	SWHE 5085N	5	5	8,5



20 N.cm

STRAIGHT MULTI-UNIT ABUTMENT

CODE	PLAT. (mm)	DIAM. (mm)	LENGTH (mm)
MA 3601	3,6	4,8	1
MA 3602	3,6	4,8	2
MA 3603	3,6	4,8	3
MA 3604	3,6	4,8	4
MA 4101	4,1	4,8	1
MA 4102	4,1	4,8	2
MA 4103	4,1	4,8	3
MA 4104	4,1	4,8	4
MA 5001	5	4,8	1
MA 5002	5	4,8	2
MA 5003	5	4,8	3
MA 5004	5	4,8	4



20 N.cm

17° ANGLED MULTI-UNIT ABUTMENT

CODE	PLAT. (mm)	DIAM. (mm)	LENGTH (mm)
MAA 3602	3,6	4,8	2
MAA 3604	3,6	4,8	4
MAA 4102	4,1	4,8	2
MAA 4103	4,1	4,8	3



20 N.cm

30° ANGLED MULTI-UNIT ABUTMENT

CODE	PLAT. (mm)	DIAM. (mm)	LENGTH (mm)
MAA 3632	3,6	4,8	2
MAA 3634	3,6	4,8	4
MAA 4132	4,1	4,8	2
MAA 4134	4,1	4,8	4



ABUTMENT PROTECTOR

CODE

PMA 4855



OPEN TRAY TRANSFER

CODE

TMAM 4800



CLOSED TRAY TRANSFER

CODE

TMFM 4800



ANALOG

CODE

ANMA 4800



10 N.cm

CO-CR CYLINDER

CODE

CLEM 4800-2 For angled multi-unit
CLEM 4800-3 For straight multi-unit

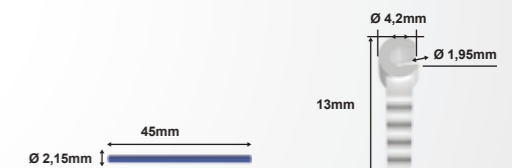


10 N.cm

CALCINABLE CYLINDER

CODE

CPM 4800-2 For angled multi-unit
CPM 4800-3 For straight multi-unit



OVERDENTURE BAR

CODE

FO 01
Polyacetal

PLASTIC CLIP

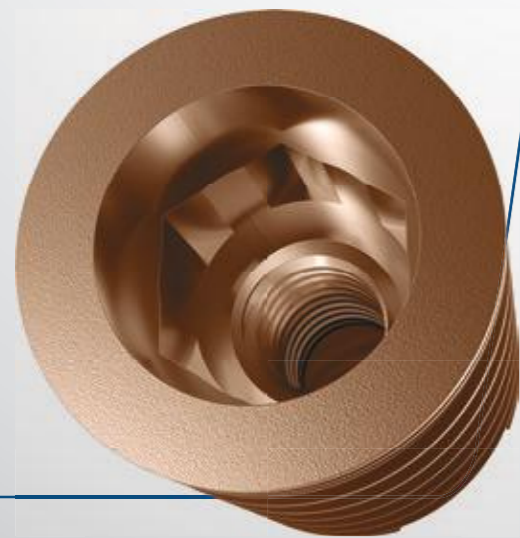
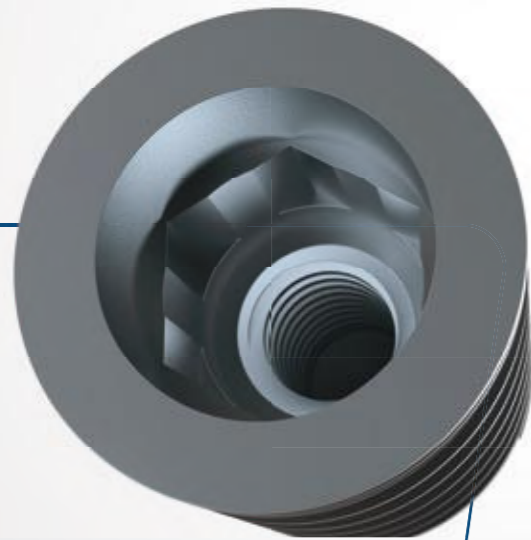
CODE

CLIPP

- Hex Screw
- ⊙ Anti-Rotational Component
- Squared Screw
- ⊕ Abutment Screw

Strong SW

INTERNAL HEXAGON



- › Indicated for immediate or late loading rehabilitation and for single or multiple implants.
- › It allows the installation in any type of bone, including post-extraction.
- › 3 key options for installation (contra-angle, ratchet and digital key).


› Bone level installation.

- › Speed of the Initial drills: 1.500 rpm.
- › Speed of the Drills 3.5 to 5.0mm: 800 rpm.
- › Speed of the Bone tap: 25 rpm*.
- › Insertion speed: 20 to 40 rpm.
- › Immediate loading: recommended torque from 45 to 80 N.cm.**
- › Late loading: maximum Torque 45 N.cm.

* The use of the bone tap is optional in bone type I and II because it is a compressive implant, however the maximum torque must always be respected.

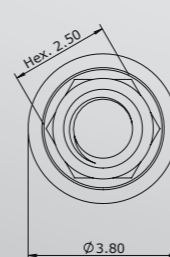
** Relative contraindication in patients with systemic or local problems and at professional's discretion.

DRILLING SEQUENCE GUIDE

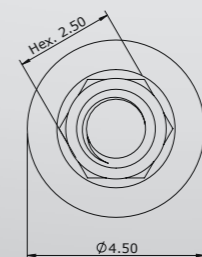
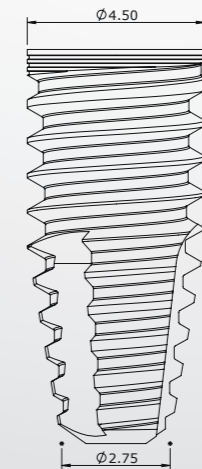
		1500 rpm			800 rpm				25 rpm				
		FRD	FHD	FRWD	FRWD	FCWD	FRWD	FRWD	CMRIW	CMRIW	CMRIW	CMRIW	CMRIW
PLAT. (mm)	DIAM. (mm)	2020 Ø 2.0	2015 Ø 2.0	35 Ø 3.05	38 Ø 3.3	41 Ø 4.1	45 Ø 4.0	50 Ø 4.25	35 Ø 3.5	37 Ø 3.75	38 Ø 3.8	45 Ø 4.5	50 Ø 5.0
 Strong SW	3,8	•	•	•	•						•		
	4,5	•	•	•	•		•					•	
	5	•	•	•	•		•	•					•

Technical measures

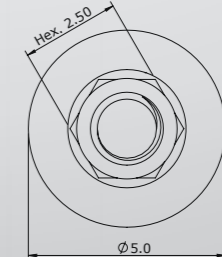
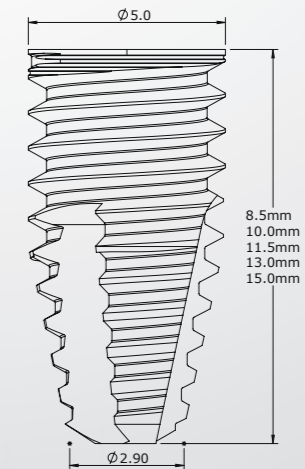
SW 38xx
SWHI 38xxN (Plus)



SW 45xx
SWHI 45xxN (Plus)

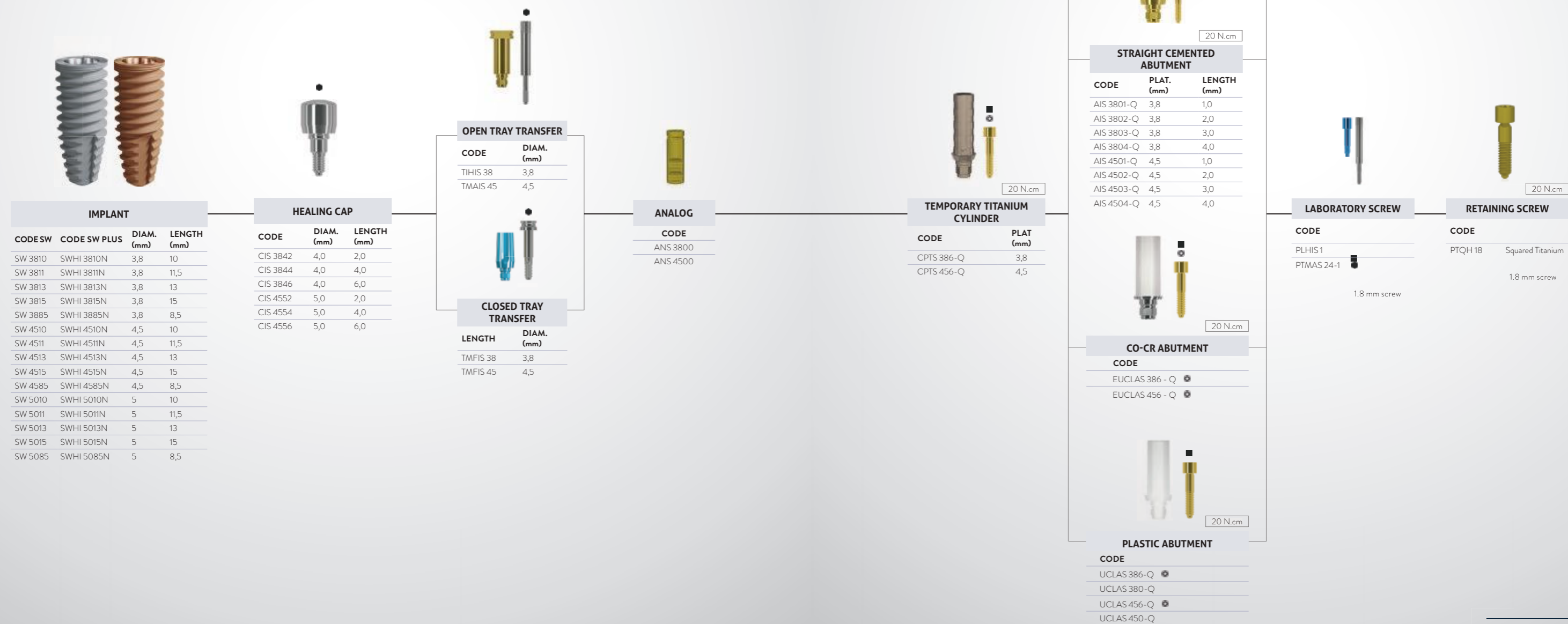


SW 50xx
SWHI 50xxN (Plus)



INTERNAL HEX PROSTHETIC SEQUENCE

RESTORATIVE OPTIONS
TEMPORARY/CEMENTED/SCREW RETAINED

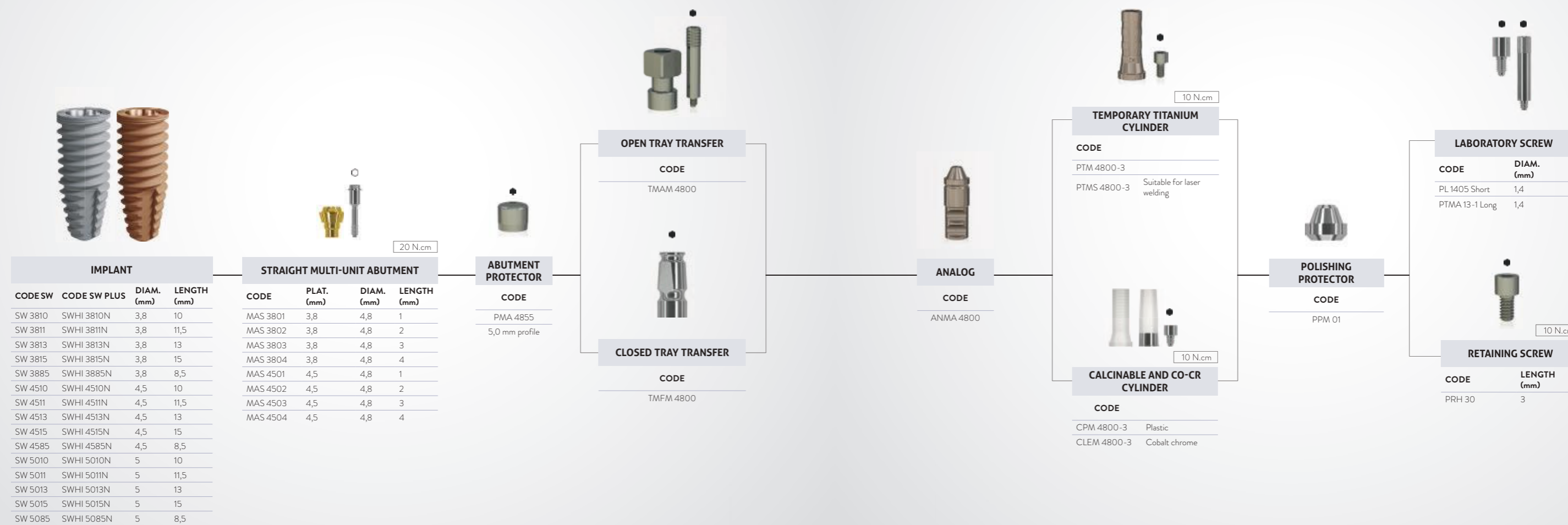


INTERNAL HEX

- Hex Screw
- ⊗ Anti-Rotational Component
- Squared Screw
- ⊕ Abutment Screw

INTERNAL HEX PROSTHETIC SEQUENCE

MULTI-UNIT ABUTMENT
MULTIPLE SCREW RETAINED RESTORATIONS



IMPLANT			
CODESW	CODE SW PLUS	DIAM. (mm)	LENGTH (mm)
SW 3810	SWHI 3810N	3,8	10
SW 3811	SWHI 3811N	3,8	11,5
SW 3813	SWHI 3813N	3,8	13
SW 3815	SWHI 3815N	3,8	15
SW 3885	SWHI 3885N	3,8	8,5
SW 4510	SWHI 4510N	4,5	10
SW 4511	SWHI 4511N	4,5	11,5
SW 4513	SWHI 4513N	4,5	13
SW 4515	SWHI 4515N	4,5	15
SW 4585	SWHI 4585N	4,5	8,5
SW 5010	SWHI 5010N	5	10
SW 5011	SWHI 5011N	5	11,5
SW 5013	SWHI 5013N	5	13
SW 5015	SWHI 5015N	5	15
SW 5085	SWHI 5085N	5	8,5

STRAIGHT MULTI-UNIT ABUTMENT			
CODE	PLAT. (mm)	DIAM. (mm)	LENGTH (mm)
MAS 3801	3,8	4,8	1
MAS 3802	3,8	4,8	2
MAS 3803	3,8	4,8	3
MAS 3804	3,8	4,8	4
MAS 4501	4,5	4,8	1
MAS 4502	4,5	4,8	2
MAS 4503	4,5	4,8	3
MAS 4504	4,5	4,8	4

ABUTMENT PROTECTOR
CODE
PMA 4855
5,0 mm profile

OPEN TRAY TRANSFER
CODE
TMAM 4800

CLOSED TRAY TRANSFER
CODE
TMFM 4800

ANALOG
CODE
ANMA 4800

TEMPORARY TITANIUM CYLINDER
CODE
PTM 4800-3
PTMS 4800-3 Suitable for laser welding

CALCINABLE AND CO-CR CYLINDER
CODE
CPM 4800-3 Plastic
CLEM 4800-3 Cobalt chrome

POLISHING PROTECTOR
CODE
PPM 01

LABORATORY SCREW	
CODE	DIAM. (mm)
PL 1405 Short	1,4
PTMA 13-1 Long	1,4

RETAINING SCREW	
CODE	LENGTH (mm)
PRH 30	3

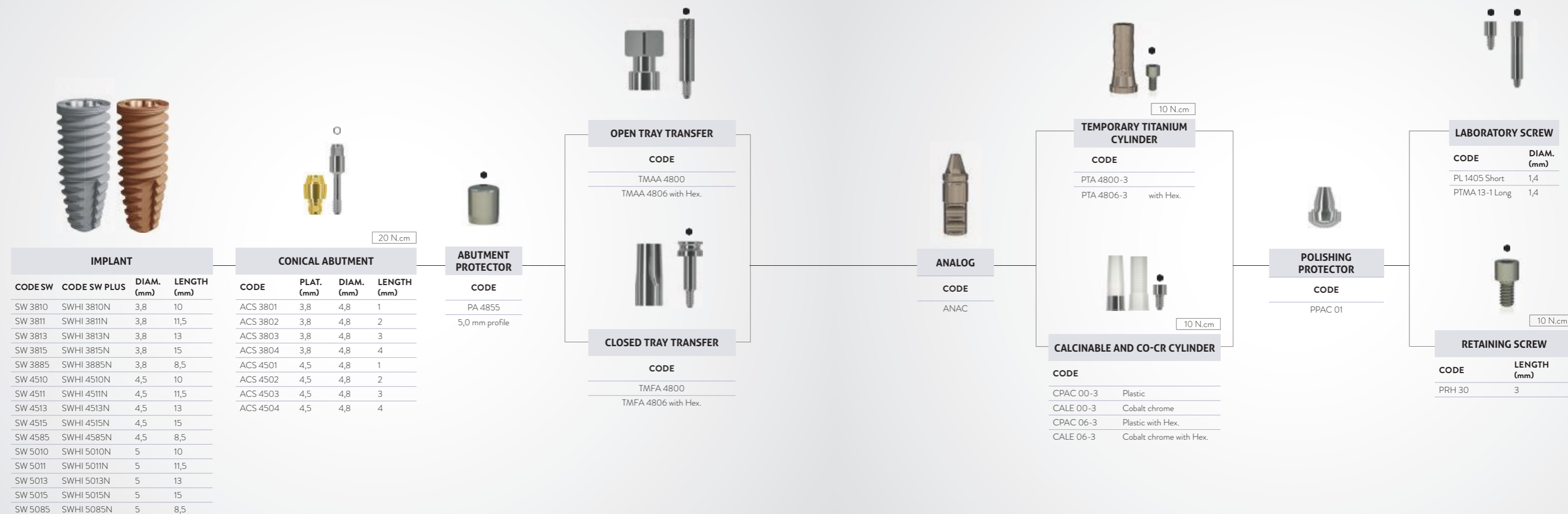
INTERNAL HEX

- Hex Screw
- ⊙ Anti-Rotational Component
- Squared Screw
- ⊕ Abutment Screw

INTERNAL HEX PROSTHETIC SEQUENCE

CONICAL ABUTMENT

SINGLE/MULTIPLE SCREW RETAINED RESTORATIONS



IMPLANT			
CODESW	CODE SW PLUS	DIAM. (mm)	LENGTH (mm)
SW 3810	SWHI 3810N	3,8	10
SW 3811	SWHI 3811N	3,8	11,5
SW 3813	SWHI 3813N	3,8	13
SW 3815	SWHI 3815N	3,8	15
SW 3885	SWHI 3885N	3,8	8,5
SW 4510	SWHI 4510N	4,5	10
SW 4511	SWHI 4511N	4,5	11,5
SW 4513	SWHI 4513N	4,5	13
SW 4515	SWHI 4515N	4,5	15
SW 4585	SWHI 4585N	4,5	8,5
SW 5010	SWHI 5010N	5	10
SW 5011	SWHI 5011N	5	11,5
SW 5013	SWHI 5013N	5	13
SW 5015	SWHI 5015N	5	15
SW 5085	SWHI 5085N	5	8,5

CONICAL ABUTMENT			
CODE	PLAT. (mm)	DIAM. (mm)	LENGTH (mm)
ACS 3801	3,8	4,8	1
ACS 3802	3,8	4,8	2
ACS 3803	3,8	4,8	3
ACS 3804	3,8	4,8	4
ACS 4501	4,5	4,8	1
ACS 4502	4,5	4,8	2
ACS 4503	4,5	4,8	3
ACS 4504	4,5	4,8	4

ABUTMENT PROTECTOR
CODE
PA 4855
5,0 mm profile

OPEN TRAY TRANSFER
CODE
TMAA 4800
TMAA 4806 with Hex.

CLOSED TRAY TRANSFER
CODE
TMFA 4800
TMFA 4806 with Hex.

ANALOG
CODE
ANAC

TEMPORARY TITANIUM CYLINDER
CODE
PTA 4800-3
PTA 4806-3 with Hex.

CALCINABLE AND CO-CR CYLINDER
CODE
CPAC 00-3 Plastic
CALE 00-3 Cobalt chrome
CPAC 06-3 Plastic with Hex.
CALE 06-3 Cobalt chrome with Hex.

POLISHING PROTECTOR
CODE
PPAC 01

LABORATORY SCREW	
CODE	DIAM. (mm)
PL 1405 Short	1,4
PTMA 13-1 Long	1,4

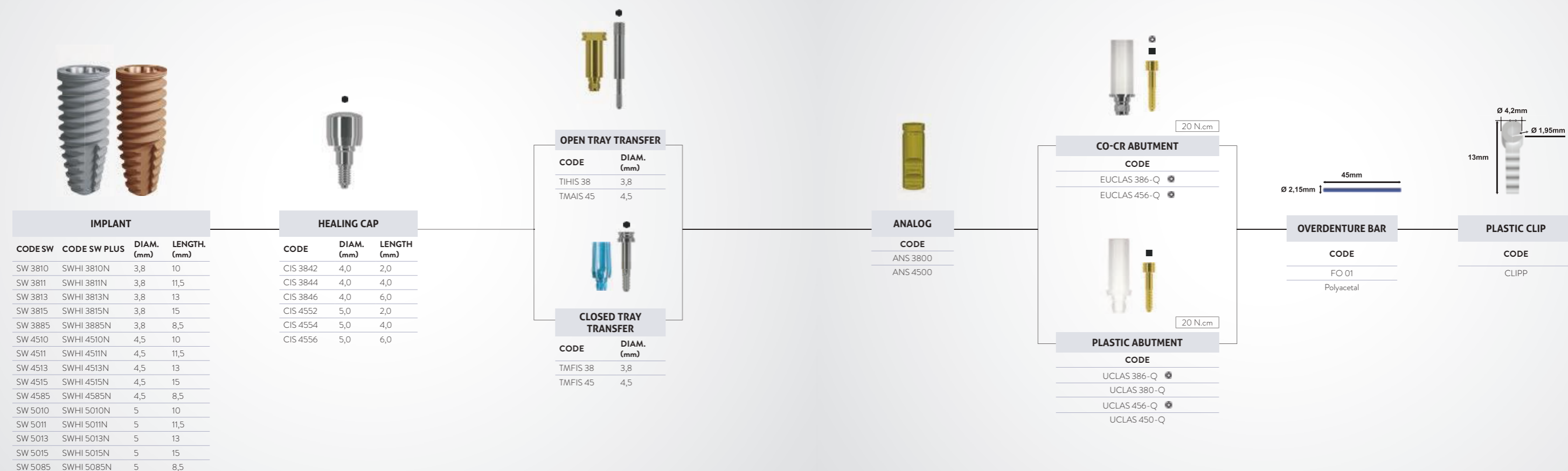
RETAINING SCREW	
CODE	LENGTH (mm)
PRH 30	3

- Hex Screw
- ⊙ Anti-Rotational Component
- Squared Screw
- ⬡ Abutment Screw

INTERNAL HEX

INTERNAL HEX PROSTHETIC SEQUENCE

OVERDENTURE SOLUTIONS
BAR-CLIP ATTACHMENT



INTERNAL HEX

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

INTERNAL HEX PROSTHETIC SEQUENCE

OVERDENTURE SOLUTIONS
MULTI-UNIT + BAR-CLIP RESTORATIONS



IMPLANT

CODE SW	CODE SW PLUS	DIAM. (mm)	LENGTH (mm)
SW 3810	SWHI 3810N	3,8	10
SW 3811	SWHI 3811N	3,8	11,5
SW 3813	SWHI 3813N	3,8	13
SW 3815	SWHI 3815N	3,8	15
SW 3885	SWHI 3885N	3,8	8,5
SW 4510	SWHI 4510N	4,5	10
SW 4511	SWHI 4511N	4,5	11,5
SW 4513	SWHI 4513N	4,5	13
SW 4515	SWHI 4515N	4,5	15
SW 4585	SWHI 4585N	4,5	8,5
SW 5010	SWHI 5010N	5	10
SW 5011	SWHI 5011N	5	11,5
SW 5013	SWHI 5013N	5	13
SW 5015	SWHI 5015N	5	15
SW 5085	SWHI 5085N	5	8,5



MULTI-UNIT ABUTMENT

CODE	PLAT. (mm)	DIAM. (mm)	LENGTH (mm)
MAS 3801	3,8	4,8	1
MAS 3802	3,8	4,8	2
MAS 3803	3,8	4,8	3
MAS 3804	3,8	4,8	4
MAS 4501	4,5	4,8	1
MAS 4502	4,5	4,8	2
MAS 4503	4,5	4,8	3
MAS 4504	4,5	4,8	4



ABUTMENT PROTECTOR

CODE
PMA 4855



OPEN TRAY TRANSFER

CODE

TMAM 4800



CLOSED TRAY TRANSFER

CODE

TMFM 4800



ANALOG

CODE

ANMA 4800



CO-CR CYLINDER

CODE

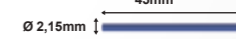
CLEM 4800-2 For angled multi-unit
CLEM 4800-3 For straight multi-unit



CALCINABLE CYLINDER

CODE

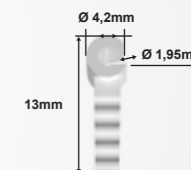
CPM 4800-2 For angled multi-unit
CPM 4800-3 For straight multi-unit



OVERDENTURE BAR

CODE

FO 01
Polyacetal



PLASTIC CLIP

CODE

CLIPP

- Hex Screw
- ⊙ Anti-Rotational Component
- Squared Screw
- ⊕ Abutment Screw

INTERNAL HEX

Strong SW

CONE MORSE

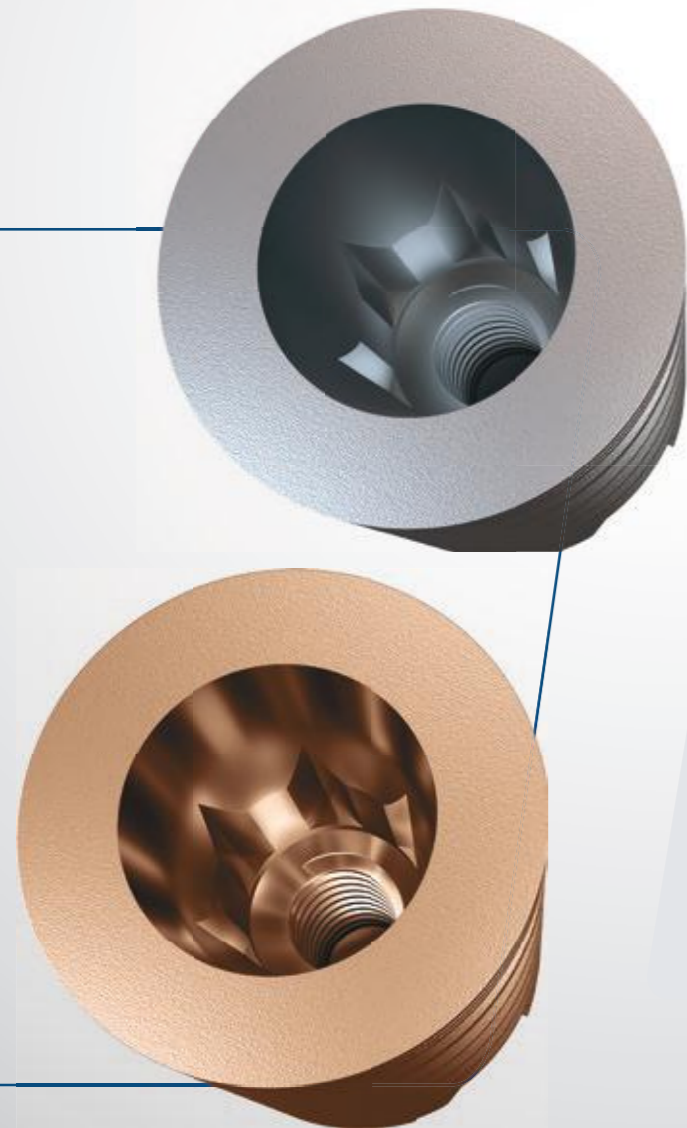
- › Indicated for all bone types and for rehabilitation with immediate or late loading.
- › Also recommended for small mesiodistal spaces (lower incisors and upper lateral).
- › It allows the installation in any type of bone, including post-extraction.
- › Single or multiple implants.
- › 3 key options for installation (contra-angle, ratchet and digital key).
- › For installation at bone level, purchase the TIMC implant cover.

› 1.5 mm infra-bone installation.



- › Internal angle of 16°.
- › Speed of the Initial drills: 1.500 rpm.
- › Speed of the Drills 3.5 to 5.0mm: 800 rpm.
- › Speed of the Bone tap: 25 rpm*.
- › Insertion speed: 20 to 40 rpm
- › Immediate loading: recommended torque from 45 to 80 N.cm.**
- › Late loading: maximum Torque 45 N.cm.

* The use of the bone tap is optional in bone type I and II because it is a compressive implant, however the maximum torque must always be respected.

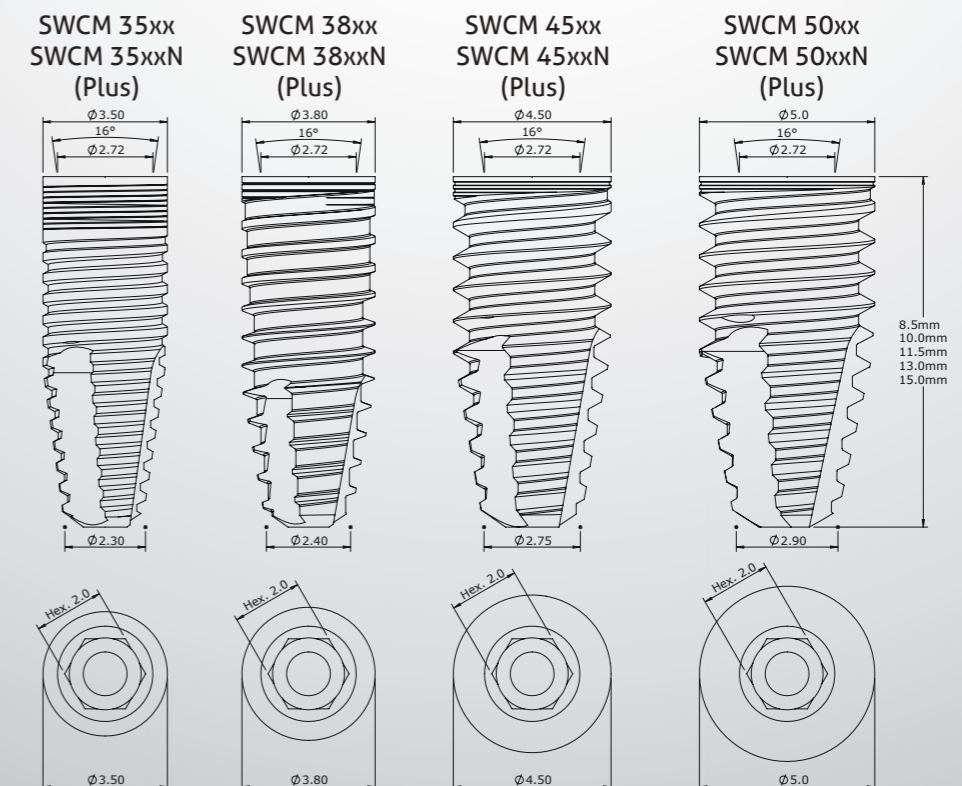
** Relative contraindication in patients with systemic or local problems and at professional's discretion.



DRILLING SEQUENCE GUIDE

		1500 rpm			800 rpm				25 rpm				
		FRLD	FHD	FRWD	FRWD	FCWD	FRWD	FRWD	CMRIW	CMRIW	CMRIW	CMRIW	CMRIW
PLAT. (mm)	DIAM. (mm)	2020 Ø 2.0	2015 Ø 2.0	35 Ø 3.05	38 Ø 3.3	41 Ø 4.1	45 Ø 4.0	50 Ø 4.25	35 Ø 3.5	37 Ø 3.75	38 Ø 3.8	45 Ø 4.5	50 Ø 5.0
 Strong SW	3,5	•	•	•					•				
 Strong SW Plus	3,8	•	•	•	•						•		
	4,5	•	•	•	•		•					•	
	5	•	•	•	•		•	•					•

Technical measures



CONE MORSE PROSTHETIC SEQUENCE

RESTORATIVE OPTIONS
TEMPORARY / CEMENTED / SCREW RETAINED



IMPLANT			
CODE SW	CODE SW PLUS	DIAM. (mm)	LENGTH (mm)
SWCM 3510	SWCM 3510N	3,5	10
SWCM 3511	SWCM 3511N	3,5	11,5
SWCM 3513	SWCM 3513N	3,5	13
SWCM 3515	SWCM 3515N	3,5	15
SWCM 3585	SWCM 3585N	3,5	8,5
SWCM 3810	SWCM 3810N	3,8	10
SWCM 3811	SWCM 3811N	3,8	11,5
SWCM 3813	SWCM 3813N	3,8	13
SWCM 3815	SWCM 3815N	3,8	15
SWCM 3885	SWCM 3885N	3,8	8,5
SWCM 4510	SWCM 4510N	4,5	10
SWCM 4511	SWCM 4511N	4,5	11,5
SWCM 4513	SWCM 4513N	4,5	13
SWCM 4515	SWCM 4515N	4,5	15
SWCM 4585	SWCM 4585N	4,5	8,5
SWCM 5010	SWCM 5010N	5	10
SWCM 5011	SWCM 5011N	5	11,5
SWCM 5013	SWCM 5013N	5	13
SWCM 5015	SWCM 5015N	5	15
SWCM 5085	SWCM 5085N	5	8,5

HEALING CAP

CODE	DIAM. (mm)	LENGTH (mm)
CIM 3502C	3,5	2,0
CIM 3504C	3,5	4,0
CIM 3506C	3,5	6,0
CIM 4502C	4,5	2,0
CIM 4504C	4,5	4,0
CIM 4506C	4,5	6,0

OPEN TRAY TRANSFER

CODE	DIAM. (mm)
TMAIM 35C	3,5
TMAIM 45C	4,5

CLOSED TRAY TRANSFER

CODE	DIAM. (mm)
TMFIM 35C	3,5
TMFIM 45C	4,5

ANALOG

CODE
ANMP 3800

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

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

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

LABORATORY SCREW

CODE	Hexagonal	Titanium Hex.
PTMAML 16	Hexagonal	
PTL 16	Titanium Hex.	

1,6mm screw

RETAINING SCREW

CODE	Titanium Hex.
PT 16	Titanium Hex.

1,6mm screw

- Hex Screw
- ⊙ Anti-Rotational Component
- Squared Screw
- ⊕ Abutment Screw

CONE MORSE PROSTHETIC SEQUENCE

UNIVERSAL ABUTMENT - PRE-MADE POSTS
CEMENTED RETAINED RESTORATIONS



IMPLANT

CODE SW	CODE SW PLUS	DIAM. (mm)	LENGTH (mm)
SWCM 3510	SWCM 3510N	3,5	10
SWCM 3511	SWCM 3511N	3,5	11,5
SWCM 3513	SWCM 3513N	3,5	13
SWCM 3515	SWCM 3515N	3,5	15
SWCM 3585	SWCM 3585N	3,5	8,5
SWCM 3810	SWCM 3810N	3,8	10
SWCM 3811	SWCM 3811N	3,8	11,5
SWCM 3813	SWCM 3813N	3,8	13
SWCM 3815	SWCM 3815N	3,8	15
SWCM 3885	SWCM 3885N	3,8	8,5
SWCM 4510	SWCM 4510N	4,5	10
SWCM 4511	SWCM 4511N	4,5	11,5
SWCM 4513	SWCM 4513N	4,5	13
SWCM 4515	SWCM 4515N	4,5	15
SWCM 4585	SWCM 4585N	4,5	8,5
SWCM 5010	SWCM 5010N	5	10
SWCM 5011	SWCM 5011N	5	11,5
SWCM 5013	SWCM 5013N	5	13
SWCM 5015	SWCM 5015N	5	15
SWCM 5085	SWCM 5085N	5	8,5



HEALING CAP

CODE	DIAM. (mm)	LENGTH (mm)
CIM 3502C	3,5	2,0
CIM 3504C	3,5	4,0
CIM 3506C	3,5	6,0
CIM 4502C	4,5	2,0
CIM 4504C	4,5	4,0
CIM 4506C	4,5	6,0



20 N.cm

CEMENTED UNIVERSAL ABUTMENT

CODE	DIAM. (mm)	LENGHT TRANSM. (mm)	LENGTH CIMENT. (mm)
AIM 33401C	3,3	1	4
AIM 33402C	3,3	2	4
AIM 33403C	3,3	3	4
AIM 33404C	3,3	4	4
AIM 33405C	3,3	5	4
AIM 33601C	3,3	1	6
AIM 33602C	3,3	2	6
AIM 33603C	3,3	3	6
AIM 33604C	3,3	4	6
AIM 33605C	3,3	5	6
AIM 45401C	4,5	1	4
AIM 45402C	4,5	2	4
AIM 45403C	4,5	3	4
AIM 45404C	4,5	4	4
AIM 45405C	4,5	5	4
AIM 45601C	4,5	1	6
AIM 45602C	4,5	2	6
AIM 45603C	4,5	3	6
AIM 45604C	4,5	4	6
AIM 45605C	4,5	5	6



10 N.cm

17° ANGLED CEMENTED UNIVERSAL ABUTMENT

CODE	DIAM. (mm)	LENGTH TRANSM. (mm)	LENGTH CIMENT. (mm)
AAIM 331741C	3,3	1,5	4
AAIM 331742C	3,3	2,5	4
AAIM 331743C	3,3	3,5	4
AAIM 331761C	3,3	1,5	6
AAIM 331762C	3,3	2,5	6
AAIM 331763C	3,3	3,5	6
AAIM 451741C	4,5	1,5	4
AAIM 451742C	4,5	2,5	4
AAIM 451743C	4,5	3,5	4
AAIM 451761C	4,5	1,5	6
AAIM 451762C	4,5	2,5	6
AAIM 451763C	4,5	3,5	6



POLYACETAL TRANSFER

CODE	DIAM. (mm)	LENGTH (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



TITANIUM GRAU 5 ANALOG

CODE	DIAM. (mm)	LENGTH (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



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



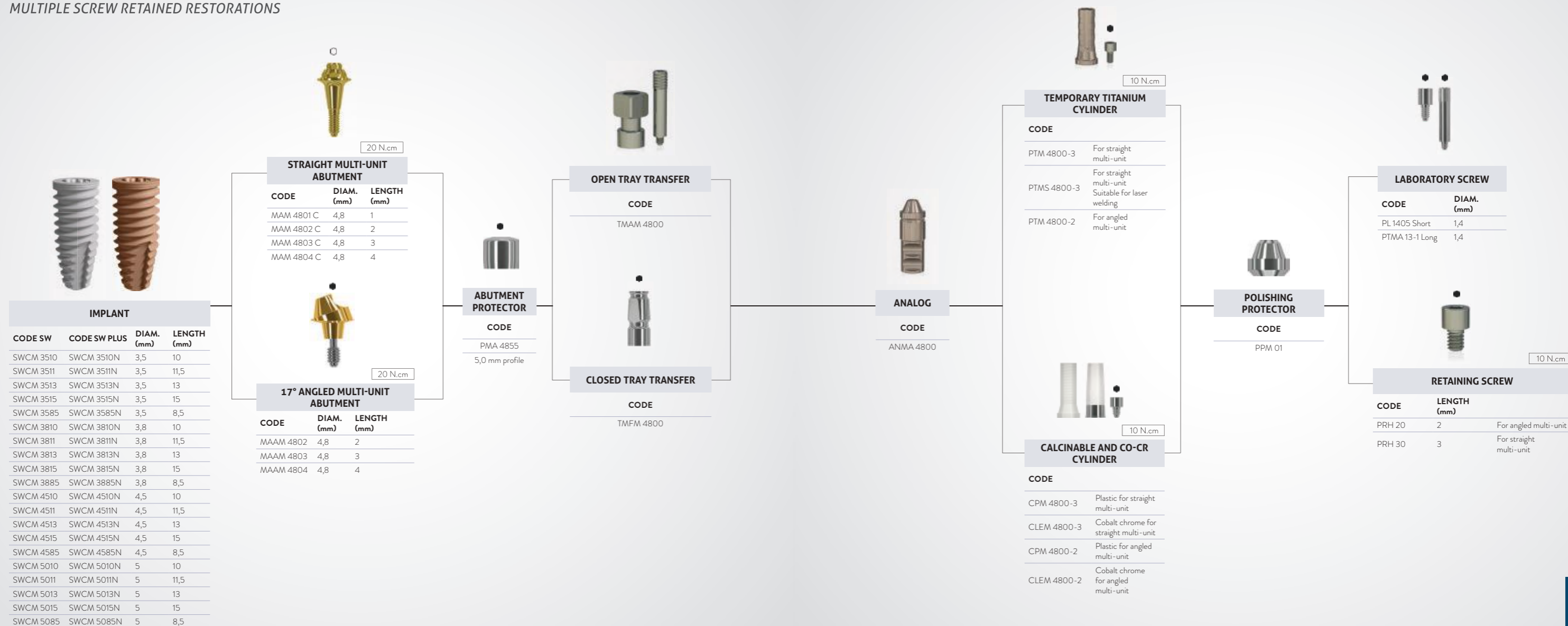
TEMPORARY ACRYLIC CYLINDER

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

- Hex Screw
- ⊙ Anti-Rotational Component
- Squared Screw
- ⊕ Abutment Screw

CONE MORSE PROSTHETIC SEQUENCE

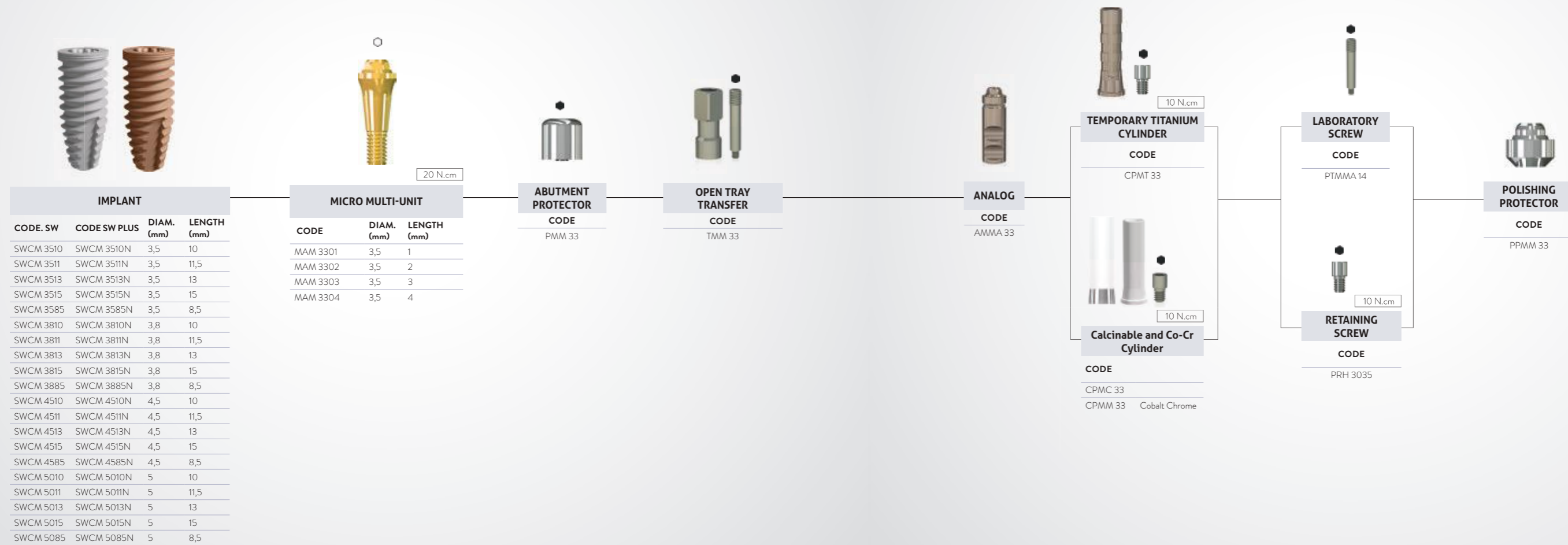
MULTI-UNIT ABUTMENT
MULTIPLE SCREW RETAINED RESTORATIONS



- Hex Screw
- ⊙ Anti-Rotational Component
- Squared Screw
- ⊕ Abutment Screw

CONE MORSE PROSTHETIC SEQUENCE

MICRO MULTI-UNIT ABUTMENT
MULTIPLE SCREW RETAINED RESTORATIONS



IMPLANT			
CODE. SW	CODE SW PLUS	DIAM. (mm)	LENGTH (mm)
SWCM 3510	SWCM 3510N	3,5	10
SWCM 3511	SWCM 3511N	3,5	11,5
SWCM 3513	SWCM 3513N	3,5	13
SWCM 3515	SWCM 3515N	3,5	15
SWCM 3585	SWCM 3585N	3,5	8,5
SWCM 3810	SWCM 3810N	3,8	10
SWCM 3811	SWCM 3811N	3,8	11,5
SWCM 3813	SWCM 3813N	3,8	13
SWCM 3815	SWCM 3815N	3,8	15
SWCM 3885	SWCM 3885N	3,8	8,5
SWCM 4510	SWCM 4510N	4,5	10
SWCM 4511	SWCM 4511N	4,5	11,5
SWCM 4513	SWCM 4513N	4,5	13
SWCM 4515	SWCM 4515N	4,5	15
SWCM 4585	SWCM 4585N	4,5	8,5
SWCM 5010	SWCM 5010N	5	10
SWCM 5011	SWCM 5011N	5	11,5
SWCM 5013	SWCM 5013N	5	13
SWCM 5015	SWCM 5015N	5	15
SWCM 5085	SWCM 5085N	5	8,5

MICRO MULTI-UNIT		
CODE	DIAM. (mm)	LENGTH (mm)
MAM 3301	3,5	1
MAM 3302	3,5	2
MAM 3303	3,5	3
MAM 3304	3,5	4

ABUTMENT PROTECTOR
CODE
PMM 33

OPEN TRAY TRANSFER
CODE
TMM 33

ANALOG
CODE
AMMA 33

TEMPORARY TITANIUM CYLINDER
CODE
CPMT 33

Calcifiable and Co-Cr Cylinder
CODE
CPMC 33
CPMM 33 Cobalt Chrome

LABORATORY SCREW
CODE
PTMMA 14

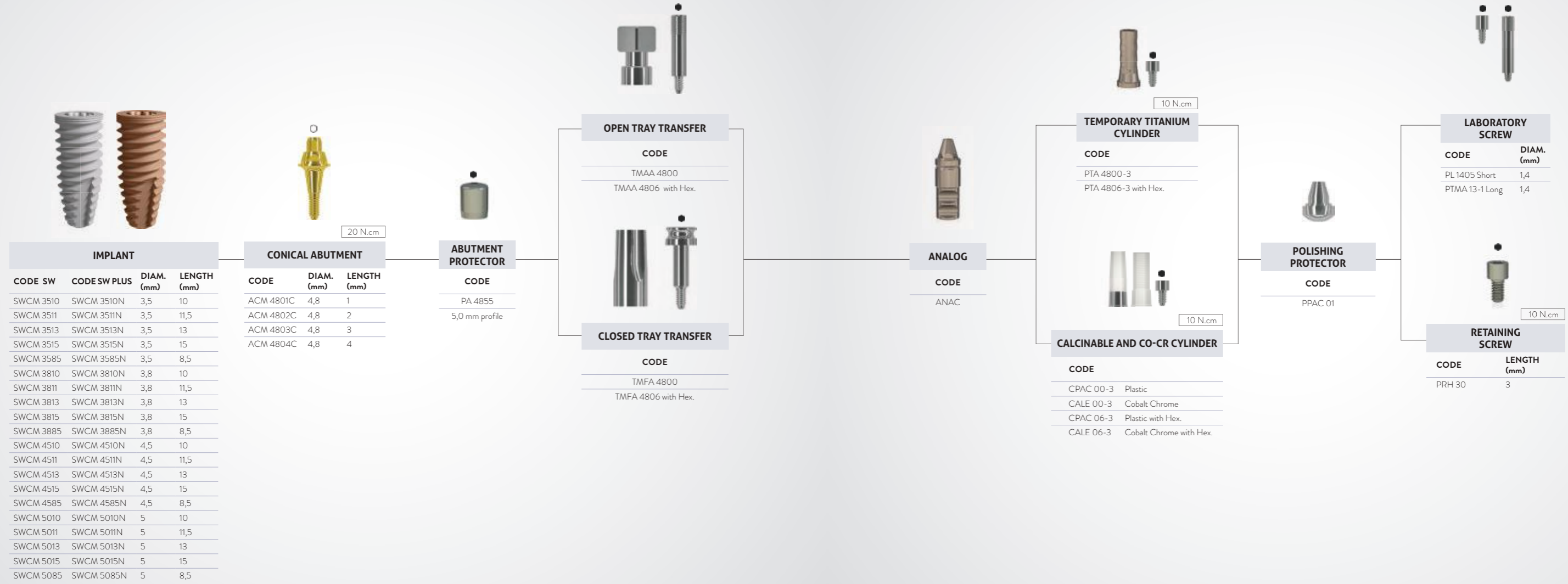
RETAINING SCREW
CODE
PRH 3035

POLISHING PROTECTOR
CODE
PPMM 33

- Hex Screw
- ⊙ Anti-Rotational Component
- Squared Screw
- ⊕ Abutment Screw

CONE MORSE PROSTHETIC SEQUENCE

CONICAL ABUTMENT
SINGLE/MULTIPLE SCREW RETAINED RESTORATIONS



- Hex Screw
- ⊙ Anti-Rotational Component
- Squared Screw
- ⊕ Abutment Screw

CONE MORSE PROSTHETIC SEQUENCE

OVERDENTURE SOLUTIONS
MULTI-UNIT + BAR-CLIP RESTORATIONS



IMPLANT			
CODE SW	CODE SW PLUS	DIAM. (mm)	LENGTH (mm)
SWCM 3510	SWCM 3510N	3,5	10
SWCM 3511	SWCM 3511N	3,5	11,5
SWCM 3513	SWCM 3513N	3,5	13
SWCM 3515	SWCM 3515N	3,5	15
SWCM 3585	SWCM 3585N	3,5	8,5
SWCM 3810	SWCM 3810N	3,8	10
SWCM 3811	SWCM 3811N	3,8	11,5
SWCM 3813	SWCM 3813N	3,8	13
SWCM 3815	SWCM 3815N	3,8	15
SWCM 3885	SWCM 3885N	3,8	8,5
SWCM 4510	SWCM 4510N	4,5	10
SWCM 4511	SWCM 4511N	4,5	11,5
SWCM 4513	SWCM 4513N	4,5	13
SWCM 4515	SWCM 4515N	4,5	15
SWCM 4585	SWCM 4585N	4,5	8,5
SWCM 5010	SWCM 5010N	5	10
SWCM 5011	SWCM 5011N	5	11,5
SWCM 5013	SWCM 5013N	5	13
SWCM 5015	SWCM 5015N	5	15
SWCM 5085	SWCM 5085N	5	8,5



20 N.cm

STRAIGHT MULTI-UNIT ABUTMENT

CODE	DIAM. (mm)	LENGTH (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

17° ANGLED MULTI-UNIT ABUTMENT

CODE	DIAM. (mm)	LENGTH (mm)
MAAM 4802	4,8	2
MAAM 4803	4,8	3
MAAM 4804	4,8	4




ABUTMENT PROTECTOR

CODE

PMA 4855


5,0 mm profile



OPEN TRAY TRANSFER

CODE

TMAM 4800



CLOSED TRAY TRANSFER

CODE

TMFM 4800



ANALOG

CODE

ANMA 4800



10 N.cm

CO-CR CYLINDER

CODE

CLEM 4800-2 For angled multi-unit

CLEM 4800-3 For straight multi-unit



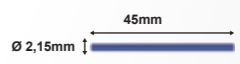
10 N.cm

CALCINABLE CYLINDER

CODE

CPM 4800-2 For angled multi-unit

CPM 4800-3 For straight multi-unit



45mm

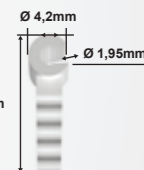
Ø 2,15mm

OVERDENTURE BAR

CODE

FO 01

Polyacetal



13mm





Ø 4,2mm

Ø 1,95mm

PLASTIC CLIP

CODE

CLIPP

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

STRONG SW SURGICAL KIT

A SINGLE KIT, SEVERAL POSSIBILITIES

Only 7 drills:

- › Very simple drilling protocol.
- › Color coding sequence.

Exclusive design, high standards in finishing details.

Drills with DLC (Diamond Like Carbon): Less bone heating and high cutting power.

Drills with depth indication.

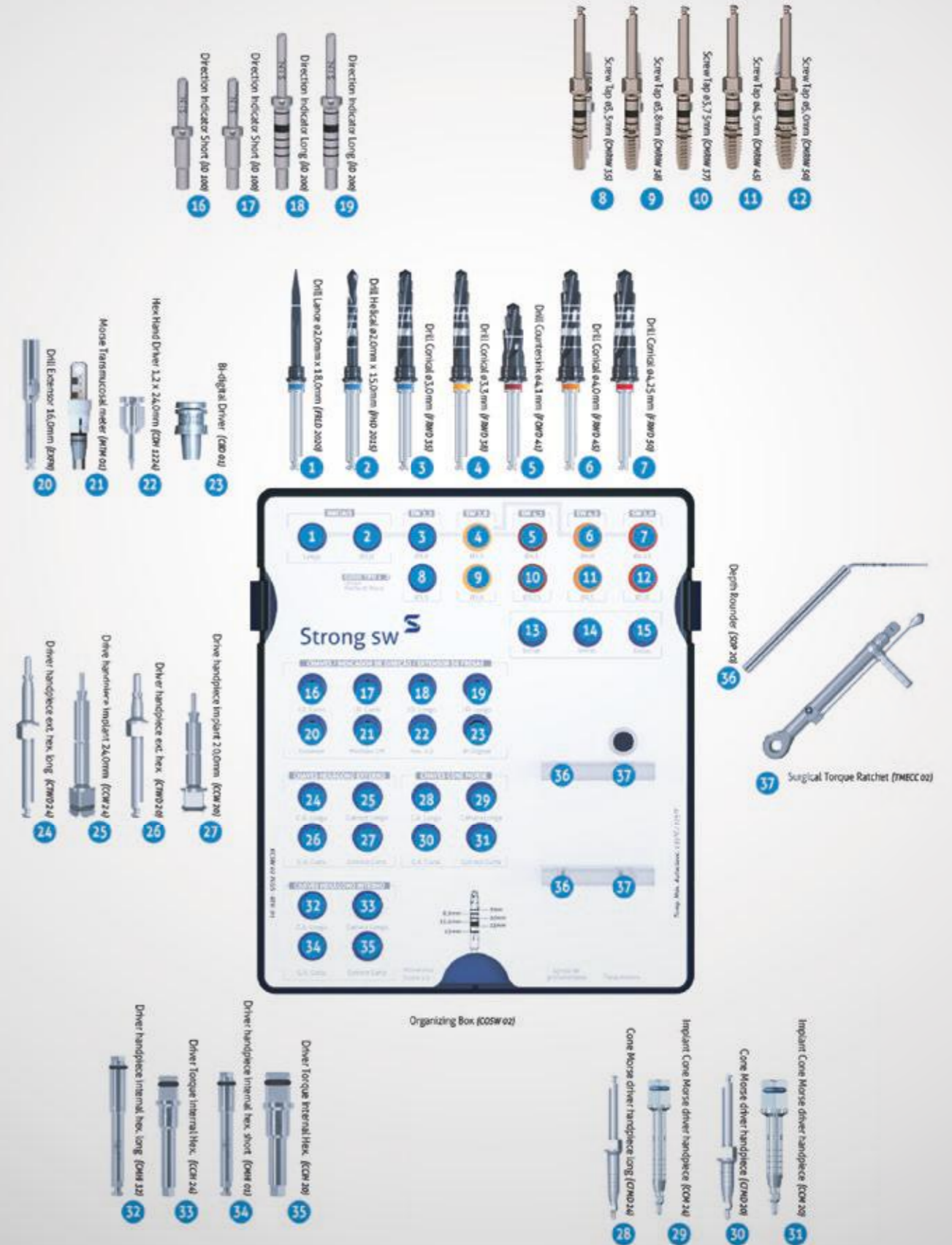
Includes Duo-digital key.

Torque wrench with torque gauge.

Organizer box allows sterilization even in small autoclaves.

Small lightweight and compact design.

A single kit for the entire Strong SW line: possibility of installing Cone Morse, External and Internal Hex implants with the same kit.



SAFE DRILL KIT

ACCURACY, SAFETY AND LESS SURGERY TIME.

The Safe Drill Strong SW Kit is only compatible with the Strong SW Surgical Kit.

Color-coding system simplifies the clinical use.



Performance and efficiency: unique titanium stoper with perfect fit and high strength, which ensures greater durability of the kit.

Safe drilling to the desired depth eliminates visual control and pauses for checking the osteotomy.

Scan the QR Code to watch the demo video on how to use the Safe Drill Kit.



For the cone Morse infra-bone installation, it is required to use the ring with 1.5 mm higher than the desired implant height.

SAFE DRILL KIT SW: KSD 02

CODE	DESCRIPTION
LSD 2007	SAFE DRILL STOPPER Ø2.00/Ø2.70X7.0MM
LSD 2085	SAFE DRILL STOPPER Ø2.00/Ø2.70X8.5MM
LSD 2010	SAFE DRILL STOPPER Ø2.00/Ø2.70X10.0MM
LSD 2011	SAFE DRILL STOPPER Ø2.00/Ø2.70X11.5MM
LSD 2013	SAFE DRILL STOPPER Ø2.00/Ø2.70X13.0MM
LSD 2015	SAFE DRILL STOPPER Ø2.00/Ø2.70X15.0MM
LSD 3007	SAFE DRILL STOPPER Ø3.00/Ø3.30X7.0MM
LSD 3085	SAFE DRILL STOPPER Ø3.00/Ø3.30X8.5MM
LSD 3010	SAFE DRILL STOPPER Ø3.00/Ø3.30X10.0MM
LSD 3011	SAFE DRILL STOPPER Ø3.00/Ø3.30X11.5MM

CODE	DESCRIPTION
LSD 3013	SAFE DRILL STOPPER Ø3.00/Ø3.30X13.0MM
LSD 3015	SAFE DRILL STOPPER Ø3.00/Ø3.30X15.0MM
LSD 3807	SAFE DRILL STOPPER Ø3.80/Ø4.25X7.0MM
LSD 3885	SAFE DRILL STOPPER Ø3.80/Ø4.25X8.5MM
LSD 3810	SAFE DRILL STOPPER Ø3.80/Ø4.25X10.0MM
LSD 3811	SAFE DRILL STOPPER Ø3.80/Ø4.25X11.5MM
LSD 3813	SAFE DRILL STOPPER Ø3.80/Ø4.25X13.0MM
LSD 3815	SAFE DRILL STOPPER Ø3.80/Ø4.25X15.0MM
COSD 02	SAFE DRILL ORGANIZING BOX SW

SHORT DRILL KIT

STRONG SW COMPLETE MILLING SYSTEM



Drill length: 27; 28.5 and 29 mm.

Milimetric markings of 7; 8.5 and 10 mm.

Stainless steel and DLC coating (Diamond Like Carbon): increased cutting power, ensuring less bone heating.

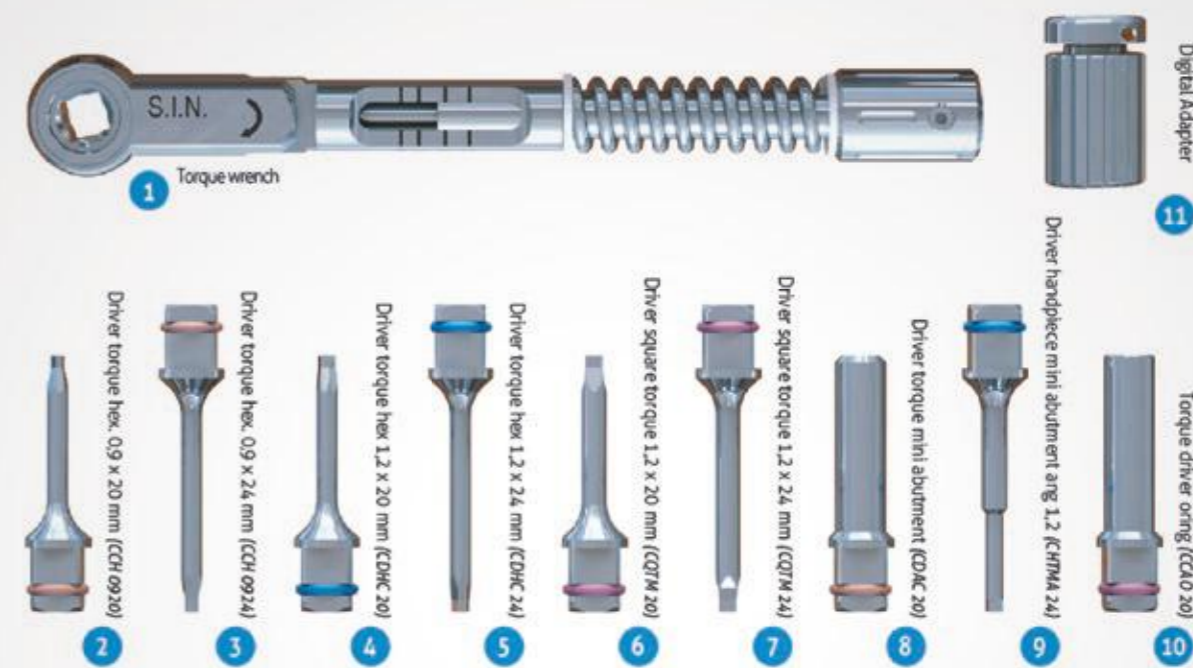


SHORT DRILL KIT: KSDSW

CODE	DESCRIPTION
FRLD 2020C	LANCE DRILL Ø2.0MM SHORT
FHD 2010C	HELICAL DRILL Ø2.0X10MM SHORT
FRWD 35C	CONICAL DRILL Ø3.0MM SHORT
FRWD 38C	CONICAL DRILL Ø3.3MM SHORT
FRWD 45C	CONICAL DRILL Ø4.0MM SHORT
FRWD 50C	CONICAL DRILL Ø4.25MM SHORT
FCWD 41C	COUNTERSINK DRILL Ø4.1MM SHORT

PROSTHETIC KIT

FUNCTIONAL, PRACTICAL AND COMPACT



Organizing box (COTMEC)

BONE EXPANDER KIT

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



CODE: KEXP

CODE	DESCRIPTION
SXPS 01	Expansor with stop 1 - ø 1,65 mm Tip
SXPS 02	Expansor with stop 2 - ø 1,90 mm Tip
SXPS 03	Expansor with stop 3 - ø 2,85 mm Tip
SXPS 04	Expansor with stop 4 - ø 2,85 mm Tip
COEXP	Expander Organing Box

BONE GRAFT SURGICAL KIT

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



CODE: KENX

BONE GRAFT SCREWS



CODE	DIAM.	LENGTH
PEX 1408	1,4 mm	8,0 mm
PEX 1410	1,4 mm	10,0 mm
PEX 1412	1,4 mm	12,0 mm
PEX 1608	1,6 mm	8,0 mm
PEX 1610	1,6 mm	10,0 mm
PEX 1612	1,6 mm	12,0 mm

CODE	DESCRIPTION
CDM 02	Hand Wrench
CPEX	Screwdriver
FH 1015	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

SINUS LIFT KIT

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



CODE: KLEV 02

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

OSTEOTOME KIT

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



CODE: KOST

CODE	DESCRIPTION
SOST 01	OSTEOTOME SUMMER W/ STOP 1 - ø 1,60 mm Tip
SOST 02	OSTEOTOME SUMMER W/ STOP 2 - ø 1,90 mm Tip
SOST 03	OSTEOTOME SUMMER W/ STOP 3 - ø 2,90 mm Tip
SOST 04	OSTEOTOME SUMMER W/ STOP 4 - ø 3,20 mm Tip
COOST	OSTEOTOME ORGANIZING BOX

ROTARY EXPANDING KIT

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



CODE: KER

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
FRL2020	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: KITOTN

CODE	DESCRIPTION
CMPO 70	Hand wrench for micro orthodontic screws - High Utility
CMPOC 70	Hand wrench for orthodontic cross head screws - Wire Di-namic
CCPO 24	Hand wrench for orthodontic screws - High Utility
CCPOC 24	Counter-angle wrench for cross-head orthodontic micro screws - Wire Dinamic
FML 70	Manual lance-type drill
FH 1015	Helical Drill 1,0 x 15 mm
CDM 02	Hand wrench
CDPO 24	Digital Key for Orthodontic Screw (for final screw installation only)
CKOTN	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.	LENGTH
POT 1406	1,4 mm	6,0 mm
POT 1408	1,4 mm	8,0 mm
POT 1400	1,4 mm	10,0 mm
POT 1606	1,6 mm	6,0 mm
POT 1608	1,6 mm	8,0 mm
POT 1600	1,6 mm	10,0 mm
POT 1806	1,8 mm	6,0 mm
POT 1808	1,8 mm	8,0 mm
POT 1800	1,8 mm	10,0 mm

SELF-DRILLING WITHOUT TRANSMUCOSAL PROFILE (2MM)



CODE	DIAM.	LENGTH
POT 1420	1,4 mm	10,0 mm
POT 1428	1,4 mm	8,0 mm
POT 1620	1,6 mm	10,0 mm
POT 1628	1,6 mm	8,0 mm
POT 1820	1,8 mm	10,0 mm
POT 1828	1,8 mm	8,0 mm

SELF-DRILLING WITHOUT TRANSMUCOSAL PROFILE (1MM)



CODE	DIAM.	LENGTH
POT 1416	1,4 mm	6,0 mm
POT 1418	1,4 mm	8,0 mm
POT 1410	1,4 mm	10,0 mm
POT 1616	1,6 mm	6,0 mm
POT 1618	1,6 mm	8,0 mm
POT 1610	1,6 mm	10,0 mm
POT 1816	1,8 mm	6,0 mm
POT 1818	1,8 mm	8,0 mm
POT 1810	1,8 mm	10,0 mm










SELF-DRILLING WITHOUT TRANSMUCOSAL PROFILE (3MM)




CODE	DIAM.	LENGTH
POT 1438	1,4 mm	8,0 mm
POT 1430	1,4 mm	10,0 mm
POT 1638	1,6 mm	8,0 mm
POT 1630	1,6 mm	10,0 mm
POT 1838	1,8 mm	8,0 mm
POT 1830	1,8 mm	10,0 mm

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 to set the implant cover screw. 0.9mm tip
	CDH 0924	HEXAGONAL DIGITAL SCREWDRIVER 24,0MM	LONG	Used to set the implant cover screw. 0.9mm tip
	CDH 1220	HEXAGONAL DIGITAL SCREWDRIVER 20,0MM	SHORT	Used to set the mounting piece, healing, transfer, retaining screw (PTL 16, PT 2006, PT 2008, PRH 20 and PRH 30) and lab screws. 1.2mm hexagonal tip
	CDH 1224	HEXAGONAL DIGITAL SCREWDRIVER 24,0MM	LONG	Used to set the mounting piece, healing, transfer, retaining screw (PTL 16, PT 2006, PT 2008, PRH 20 and PRH 30) and lab screws. 1.2mm hexagonal tip
	CDHA 1220	HEX. DIGITAL SCREWDRIVER 20.0MM ANG. MINI-ABUTMENT	SHORT	Used to set the angular mini-abutment screw 1.2mm hexagonal tip (except for the Unitite angular mini-abutment).
	CDHA 1224	HEX. DIGITAL SCREWDRIVER 24.0MM ANG. MINI-ABUTMENT	LONG	Used to set the angular mini-abutment screw 1.2mm hexagonal tip (except for the Unitite angular mini-abutment).
	CDHA 1237	HEX. DIGITAL SCREWDRIVER 37.0MM ANG. MINI-ABUTMENT	EXTRA LONG	Used to set the angular mini-abutment screw 1.2mm hexagonal tip (except for the Unitite angular mini-abutment).
	CDQ 1220	SQUARE DIGITAL SCREWDRIVER 20,0MM	SHORT	Used to set the square-fit retaining screws (PTQ 2008, PTQH 18 and PTQ 2006). 1.3mm tip
	CDQ 1224	SQUARE DIGITAL SCREWDRIVER 24,0MM	LONG	Used to set the square-fit locking screws (PTQ 2008, PTQH 18 and PTQ 2006). 1.3mm tip
	CDQ 1237	SQUARE DIGITAL SCREWDRIVER 37,0MM	EXTRA LONG	Used to set the square-fit locking screws (PTQ 2008, PTQH 18 and PTQ 2006). 1.3mm tip
	CLH 1277	HEX. SCREWDRIVER 77,0MM	EXTRA LONG	Lab screwdriver. Used to set retaining screws (PTL 16, PT 2006, PT 2008, PRH 20 and PRH 30) and lab screws. 1.2mm hexagonal tip
	CLQ 1277	HEX. SCREWDRIVER 77,0MM	EXTRA LONG	Lab screwdriver. Used to set the square-fit retaining screws (PTQ 2008, PTQH 18 and PTQ 2006). 1.3mm tip
	CRC 16	PROVISIONAL CYLINDER REMOVAL SCREWDRIVER	SHORT	Used to remove 1.6mm Cone Morse Strong SW provisional cylinder
	CRC 18	PROVISIONAL CYLINDER REMOVAL SCREWDRIVER	SHORT	Used to remove the 1.8 mm Cone Morse Strong SW provisional cylinder

SURGICAL HAMMER

ITEM	CODE	DESCRIPTION
	MART 1	<ul style="list-style-type: none"> > Surgical-grade stainless steel used with Osteotome and Expander kits. > Contact end made of synthetic material that provides improved sensitivity, less impact and reduced trauma during use.


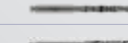
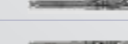
BONE PROFILING MILLING CUTTERS

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

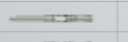



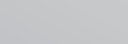
COUNTER-ANGLE SCREWDRIVER

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 to set the cover screw. 0.9mm tip
	CTH 1220	COUNTER-ANGLE HEXAGONAL TORQUE SCREWDRIVER 20,0MM	SHORT	Used to set the mounting piece, healing, transfer, retaining screws (PTL 16, PT 2006, PT 2008, PRH 20 and PRH 30) and lab screws. 1.2mm hexagonal tip
	CTH 1224	COUNTER-ANGLE HEXAGONAL TORQUE SCREWDRIVER 24,0MM	LONG	Used to set the mounting piece, healing, transfer, retaining screws (PTL 16, PT 2006, PT 2008, PRH 20 and PRH 30) and lab screws. 1.2mm hexagonal tip
	CTH 1230	COUNTER-ANGLE HEXAGONAL TORQUE SCREWDRIVER 30,0MM	EXTRA LONG	Used to set the mounting piece, healing, transfer, retaining screws (PTL 16, PT 2006, PT 2008, PRH 20 and PRH 30) and lab screws. 1.2mm hexagonal tip
	CTHA 1220	ANGULAR MINI-ABUTMENT COUNTER-ANGLE HEXAGONAL TORQUE SCREWDRIVER 20,0MM	SHORT	Used to set the angular mini-abutment screw 1.2mm hexagonal tip (except for the Unitite angular mini-abutment).
	CTHA 1224	ANGULAR MINI-ABUTMENT COUNTER-ANGLE HEXAGONAL TORQUE SCREWDRIVER 24,0MM	LONG	Used to set the angular mini-abutment screw 1.2mm hexagonal tip (except for the Unitite angular mini-abutment).
	CTQ 20	SQUARE TORQUE SCREWDRIVER 20,0MM	SHORT	Used counter-angle to set square-fit retaining screws (PTQ 2008, PTQH 18 and PTQ 2006). 1.3mm tip
	CTQ 24	SQUARE TORQUE SCREWDRIVER 24,0MM	LONG	Used counter-angle to set square-fit retaining screws (PTQ 2008, PTQH 18 and PTQ 2006). 1.3mm tip
	CTQ 30	SQUARE TORQUE SCREWDRIVER 30,0MM	EXTRA LONG	Used counter-angle to set square-fit retaining screws (PTQ 2008, PTQH 18 and PTQ 2006). 1.3mm tip

HELICAL MILLING CUTTERS

ITEM	CODE	MEASUREMENTS	DESCRIPTION
	FH 2010	∅ 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	∅ 2,0x 18,0 mm	
	FH3010	∅ 3,0x 10,0 mm	
	FH3020	∅ 3,0x 18,0 mm	

TREPHINE MILLING CUTTERS

ITEM	CODE	MEASUREMENTS	DESCRIPTION
	FTR 02	∅ 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	∅ 4,2 mm	
	FTR 05	∅ 5,1 mm	
	FTR 06	∅ 6,1 mm	
	FTR 08	∅ 8,0 mm	

MORE EASY AND SAFETY FOR YOUR CLINICAL PROCEDURES

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

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



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



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



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

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



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



The implant should not be captured with the ratchet wrench.

SUPERIOR QUALITY AND TECHNOLOGY



WE WARRANT, BECAUSE WE ARE PROUD OF OUR PRODUCTS.

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

INSPECTION IN A 100% OF THE BATCHES MANUFACTURED.

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



IMPLANTS WITH WARRANTY FOR LIFE*



5 YEARS OF WARRANTY PROSTHESIS COMPONENTS*



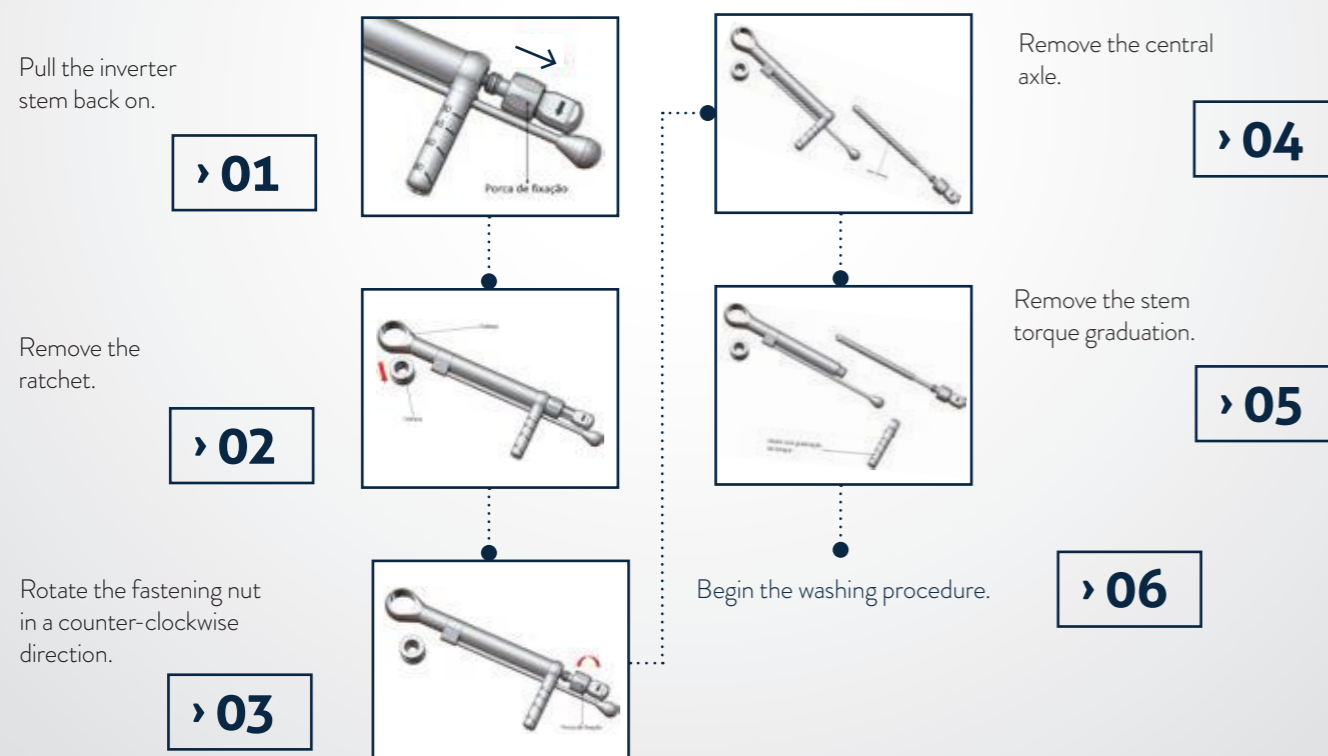
*SCAN THE LATERAL QR CODE TO ACCESS S.I.N WARRANTY TERMS OR ACCESS THE LINK [HTTPS://GOO.GL/DIHPFN](https://goo.gl/dihpfn)



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.



GENERAL INSTRUCTIONS

Special care and clarification on surgical instruments.



CLEANING

1st step: disassembly the piece (whenever applicable). For torque wrenches, disassembly it completely, remove all the internal organic material and go to the next step only after performing such procedures.

2nd step: take it to the ultrasound and immerse the piece in distilled water and neutral detergent, for at least 5 minutes.

3rd step: remove the organic material from the tooling, using soft bristle toothbrush.

4th step: clean with a lot of running water until completely removing the residues.

5th step: dry it with a soft clean and dry cloth or disposable paper.

6th step: perform the visual inspection, observing if there are failures in the cleaning process. When there is dirt, the piece shall be immersed in detergent again - 2nd step. Repeat the washing and drying sequence.

7th step: send it to the sterilization process.

RECOMMENDATIONS

- Use the right apparel (gloves, masks, goggles, caps, etc.).
- Start the cleaning right after the surgical use.
- Never let the instrument dry with organic residues in it after the surgical use
- Never let the instrument dry naturally after cleaning.
- Never use the salt solutions, mainly sodium hypochlorite and saline solution, disinfectant, hydrogen peroxide or alcohol for cleaning or rinsing of the surgical instruments.
- Never use steel wool and abrasive products, so that the instruments are not damaged.
- Do not stack the instruments in large quantities to avoid the deformation of smaller and delicate pieces.



STERILIZATION

Non-sterile product. It must be sterilized in autoclave before use.

Dry all the instruments before the steam sterilization cycle.

Use package compatible with the sterilization process.

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

Always put the case at the autoclave over a plain surface, away from the walls of the device.

Never overlap objects or other cases.

RECOMMENDATIONS

- Sterilize it the day before the procedure.
- The chemical sterilization is not recommended, once certain products may cause the discoloration and damages to the case.
- Do not use temperature over 60°C to dry the products.
- Never use dry heat stoves for sterilization of the instruments and S.I.N. sets.

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

(*) It is mandatory to use water in the autoclaves.

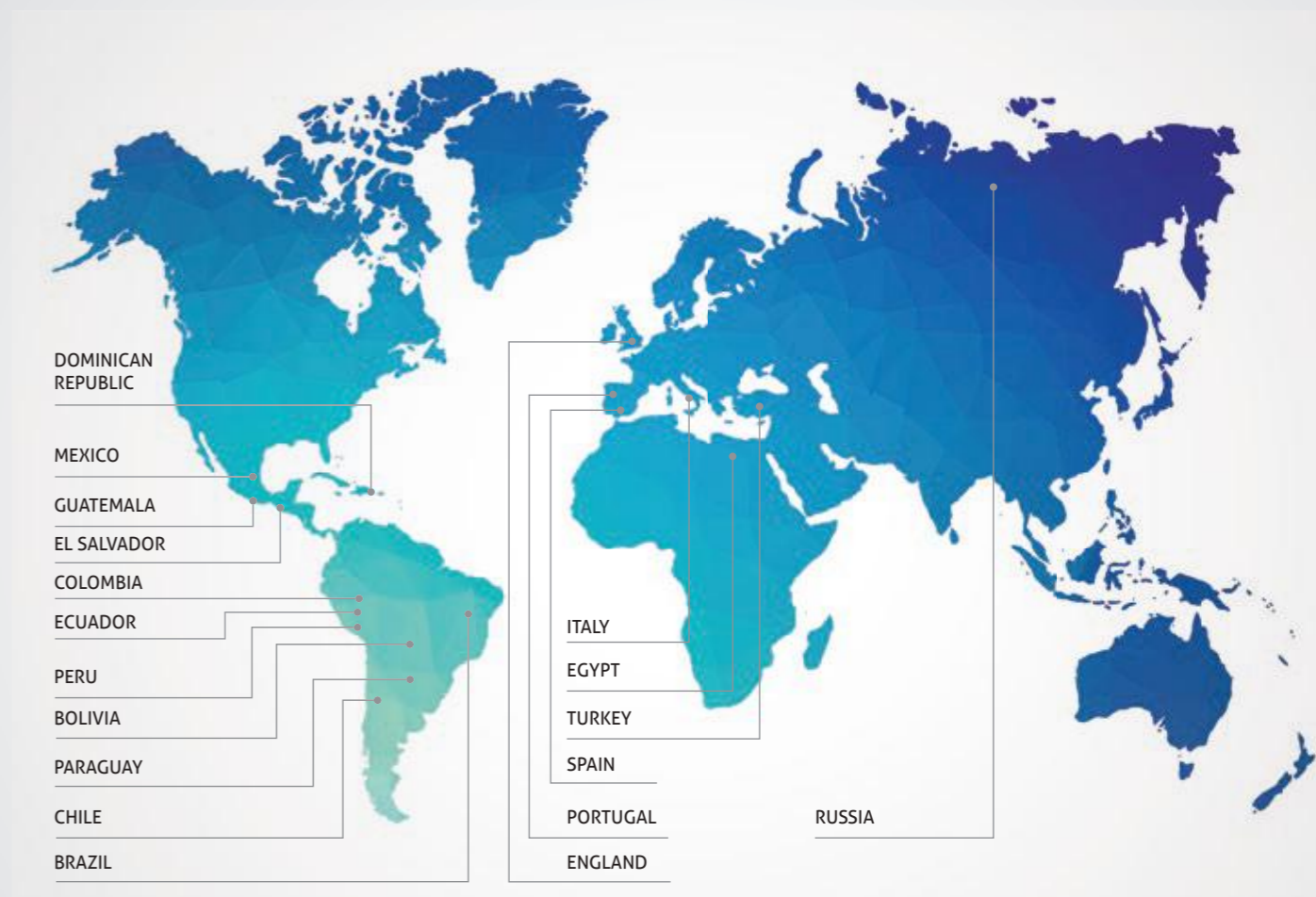
(**) We are not held responsible if parameters other than those specified above are used.

(**) Do not sterilize by dry heat.

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