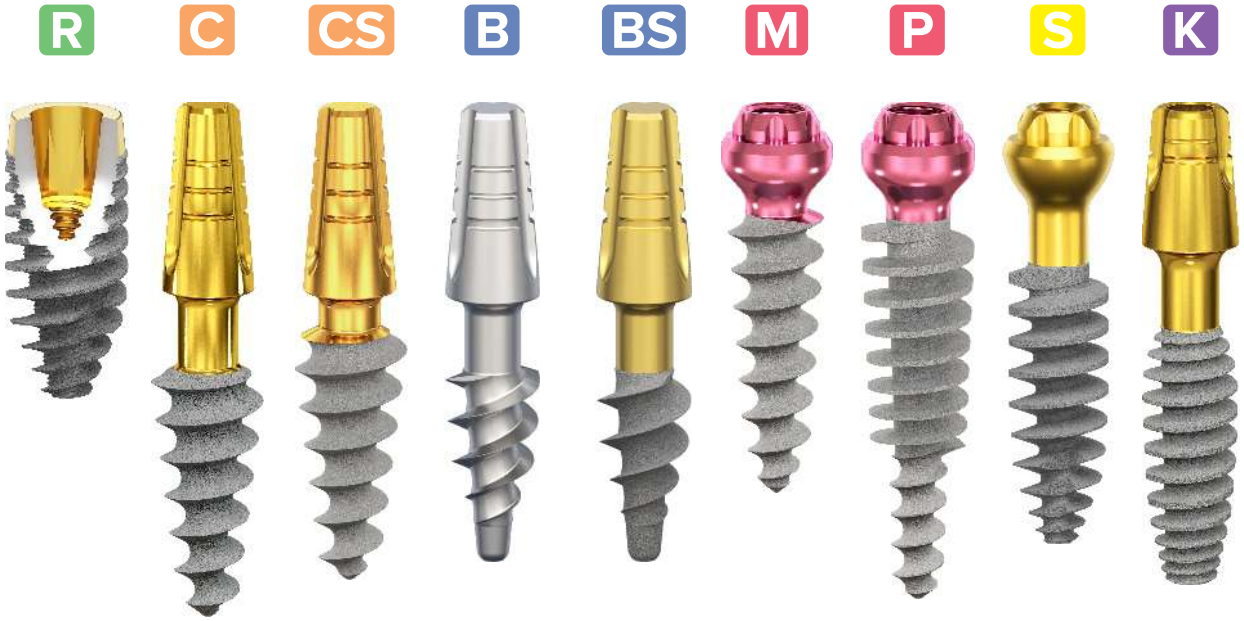
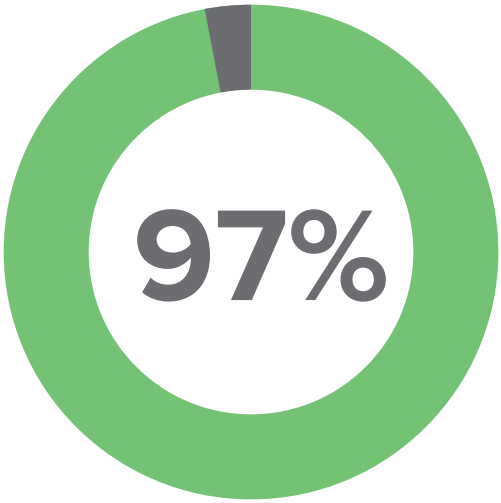
ROOTT



System overview

Excellent 5 years clinical evidence with ROOTT implants



Average survival rate

The post-market clinical follow-up study showed a significantly high average survival rate of 97.86% of the entire ROOTT Dental Implant System.
Report from 2021-05-24

High quality and safety standards

Medical devices under this catalog are in compliance with established EU regulatory requirements.

Confidence with traditional approach

Cement Screw Telescopic

ROOTT R

Minimally invasive alternatives

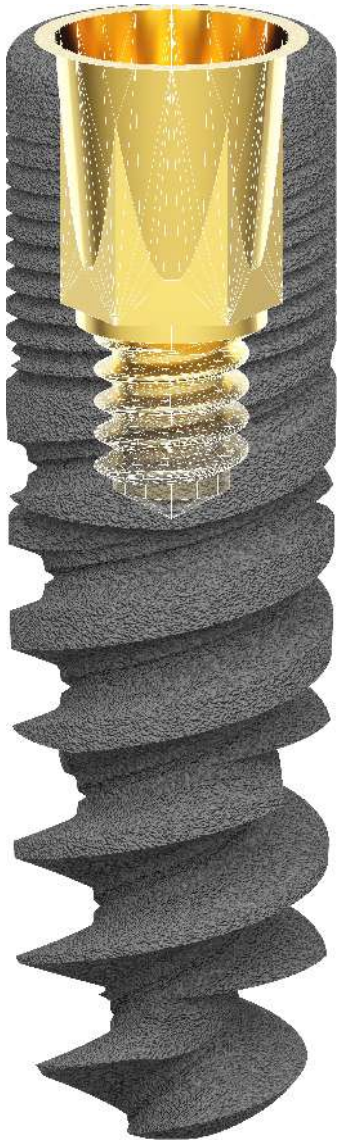
Cement Screw Telescopic

ROOTT C CS
B BS
P M S
K

ROOTT R

Cement & screw retained

Two-piece implant



- Multiple and single restorations.
- Immediate & delayed placement.

* Use CRE as a support when forming a healing abutment with composite.

Single platform

10° cone & internal hex

Secure connection

No microgap /
no micromovement

Primary stability

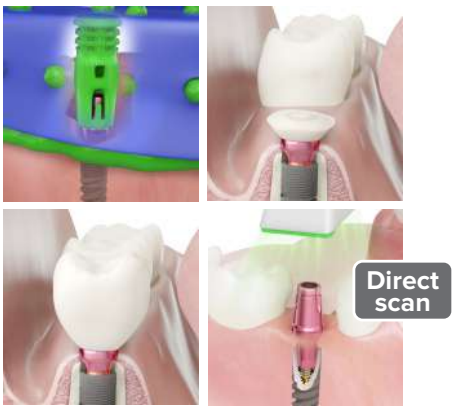
V-shape design
Efficient insertion

RBM blasted, acid etched surface
Optimum adhesion

Variable threads
Bone condensation

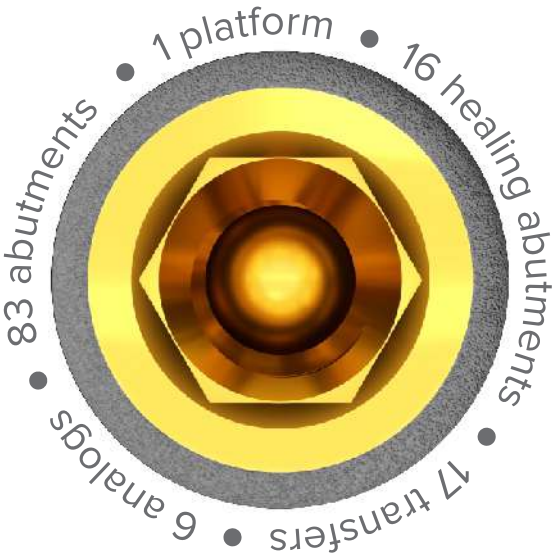
1 package – does it all

- Healing abutment *
- Regular abutment
- Direct scan
- Transfer



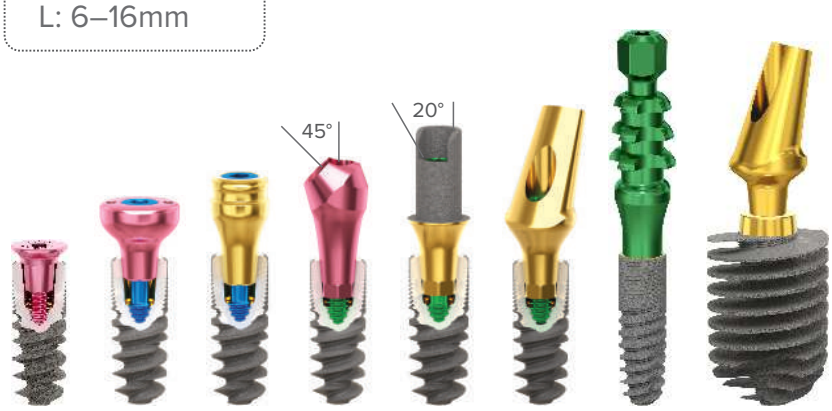
Multiple possibilities

ROOTT R

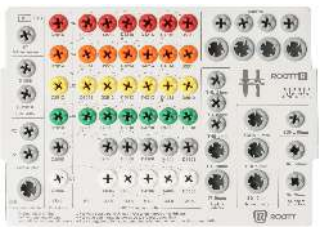


Freedom and flexibility with switching platform and morse taper connection for all prosthetic components & all implant sizes of

Ø: 3.0–5.5mm
L: 6–16mm



Easy management



TRR

TRR-mini

Clinical cases

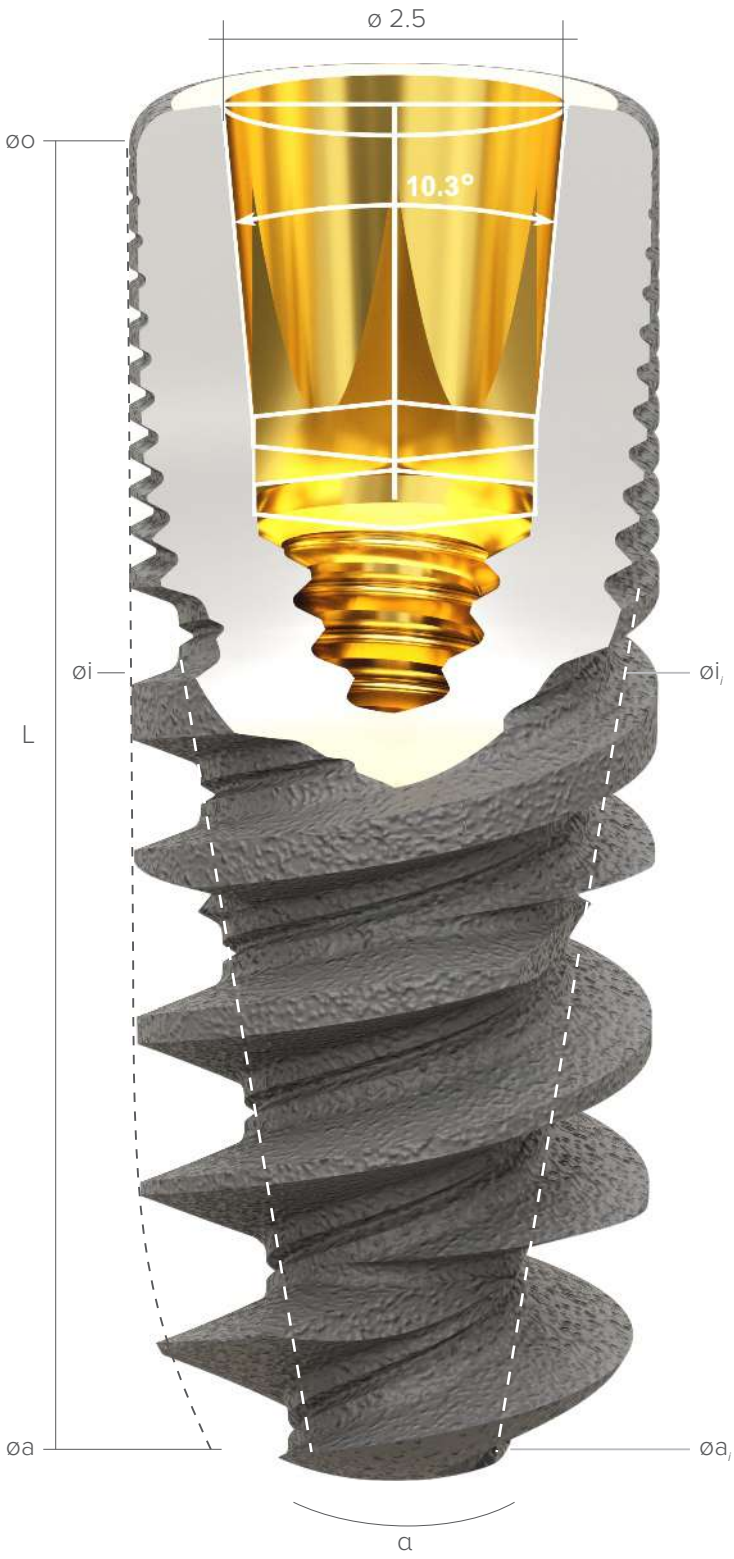
By Dr. Mohamad El Moheb

By Dr. Roman Novichenko

More cases

ROOTT R

M1.6x0.35 6H



o - occlusal diameter (mm); i - intraosseous diameter (mm); a - apical diameter (mm);
α - total internal angle (°); s - intraosseous square area (mm^2); *i* = internal.

ø 3.0	ø 3.5	ø 3.8	ø 4.2	ø 4.8	o / L
øi | ø*i* ø*a* | ø*a* S | α Ti6Al4V ELI	R3506 3.5 | 3.3 3.4 | 1.8 85 | 24 	R3806 3.8 | 3.4 3.7 | 1.6 95 | 28 	R4206 4.2 | 3.4 3.4 | 2.0 109 | 26.6 	R4806 4.8 | 3.9 3.6 | 1.8 132 | 38.5 	6 mm
	R3508 3.5 | 3.3 3.4 | 1.7 111 | 20 	R3808 3.8 | 3.4 3.7 | 1.3 128 | 21 	R4208 4.2 | 3.4 3.4 | 2.0 151 | 21.7 	R4808 4.8 | 3.9 3.6 | 1.8 179 | 38.5 	8 mm
R3010 3.0 | 2.5 2.8 | 1.4 114 | 14 	R3510 3.5 | 3.2 3.3 | 0.8 137 | 21 	R3810 3.8 | 3.4 3.6 | 1.2 159 | 15 	R4210 4.2 | 2.8 1.7 | 1.0 165 | 20.1 	R4810 4.8 | 3.2 1.4 | 1.0 196 | 40 	10 mm
R3012 3.0 | 2.5 2.7 | 1.4 137 | 10 	R3512 3.4 | 3.2 3.3 | 0.7 164 | 17 	R3812 3.7 | 3.4 3.6 | 1.2 190 | 12 	R4212 4.2 | 2.7 1.7 | 1.0 211 | 16.4 	R4812 4.8 | 3.2 1.7 | 1.0 248 | 40 	12 mm
R3014 3.0 | 2.5 2.5 | 1.4 159 | 7.5 	R3514 3.4 | 3.2 3.2 | 0.7 188 | 14 	R3814 3.7 | 3.4 3.5 | 1.1 220 | 10 	R4214 4.2 | 2.7 1.7 | 1.0 255 | 13.9 	R4814 4.8 | 3.2 1.7 | 1.0 302 | 40 	14 mm
R3016 2.9 | 2.4 2.4 | 1.4 178 | 6 	R3516 3.3 | 3.2 3.1 | 0.6 215 | 12 	R3816 3.6 | 3.4 3.4 | 1.0 249 | 9 	R4216 4.2 | 2.8 1.7 | 1.0 303 | 12.0 	R4816 4.8 | 3.2 1.7 | 1.0 355 | 40 	16 mm

ROOTT R

o - occlusal diameter (mm); i - intraosseous diameter (mm); a - apical diameter (mm);
α - total internal angle (°); s - intraosseous square area (mm^2); *i* = internal.

ø 5.5	ø 6.5	ø 7.5	ø 8.5	ø / L
R5506 5.5 | 3.9 4.1 | 1.8 167 | 38.5 	R6506 6.5 | 3.9 4.1 | 1.8 226 | 38.5 	R7506 7.5 | 3.9 4.1 | 1.8 302 | 38.5 	R8506 8.5 | 3.9 4.1 | 1.8 381 | 38.5 	6 mm
R5508 5.5 | 3.9 4.1 | 1.8 230 | 38.5 	R6508 6.5 | 4.0 4.1 | 1.8 317 | 38.5 	R7508 7.5 | 4.0 4.1 | 1.8 431 | 38.5 	R8508 8.5 | 4.0 4.1 | 1.8 550 | 38.5 	8 mm
R5510 5.5 | 3.2 1.7 | 1.0 246 | 40 	R6510 6.5 | 3.5 3.8 | 1.0 338 | 40 	R7510 7.5 | 3.5 3.8 | 1.0 456 | 40 	R8510 8.5 | 3.5 3.8 | 1.0 566 | 38.5 	10 mm
R5512 5.5 | 3.2 1.7 | 1.0 315 | 40 	R6512 6.5 | 3.5 3.8 | 1.0 435 | 40 	R7512 7.5 | 3.5 3.8 | 1.0 591 | 40 	R8512 8.5 | 3.5 3.8 | 1.0 741 | 40 	12 mm
R5514 5.5 | 3.2 1.7 | 1.0 385 | 40 	R6514 6.5 | 3.6 3.8 | 1.0 533 | 40 	R7514 7.5 | 3.6 3.8 | 1.0 726 | 40 	R8514 8.5 | 3.6 3.8 | 1.0 917 | 40 	14 mm
R5516 5.5 | 3.2 1.7 | 1.0 454 | 40 				16 mm

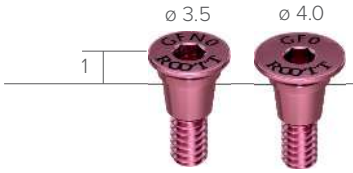
øi | ø*i*
øa | ø*ai*
S | α

Ti6Al4V ELI

Healing abutments

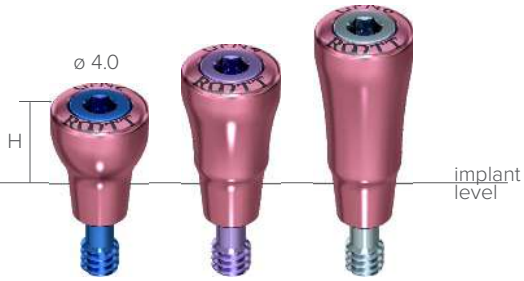
Instructions

Bone build-up



REF	GFN0	GF0

Narrow



REF	GFN2	GFN4	GFN6
H	3.8 mm	5.8 mm	7.8 mm

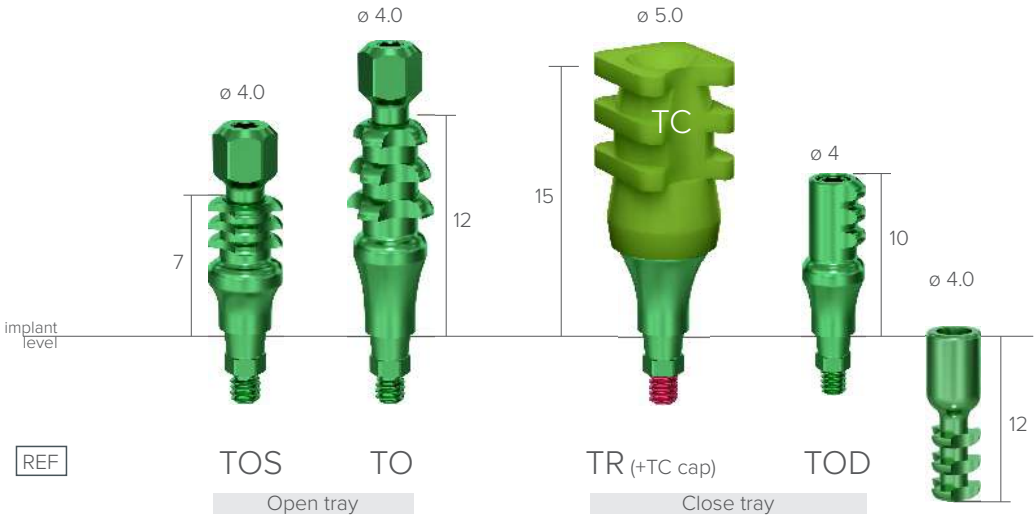
Regular

REF	GF1	GF2	GF3	GF4	GF5	GF6	GF7
H	3.1 mm	3.8 mm	4.8 mm	5.8 mm	6.8 mm	7.8 mm	8.8 mm

One-piece

REF	GFP3	GFP4	GFP5
H	5 mm	6 mm	7 mm

Transfers & implant analogs



Instructions

REF

TOS TO

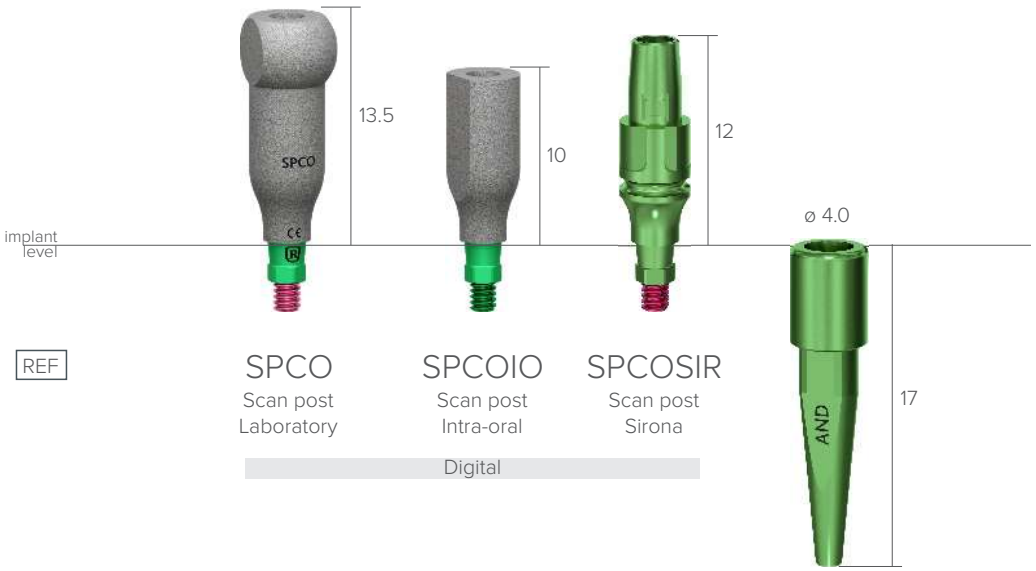
Open tray

TR (+TC cap) TOD

Close tray

AN

Analog



REF

SPCO

Scan post
Laboratory

SPCOIO

Scan post
Intra-oral

SPCOSIR

Scan post
Sirona

Digital

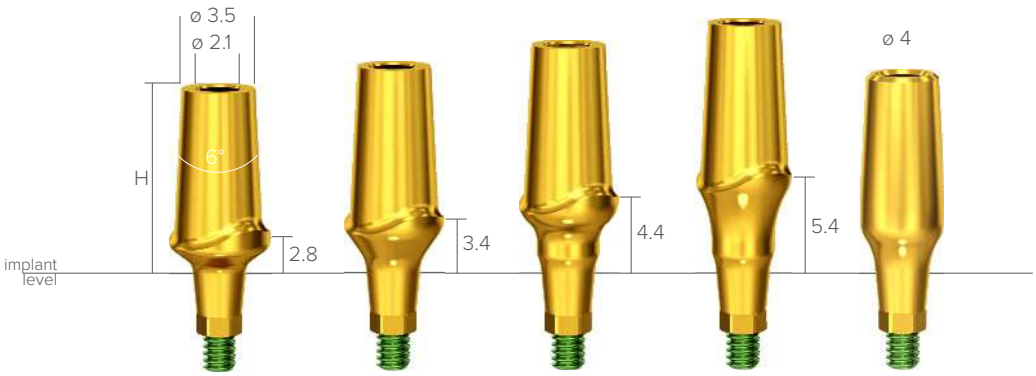
AND

Digital analog

Abutments

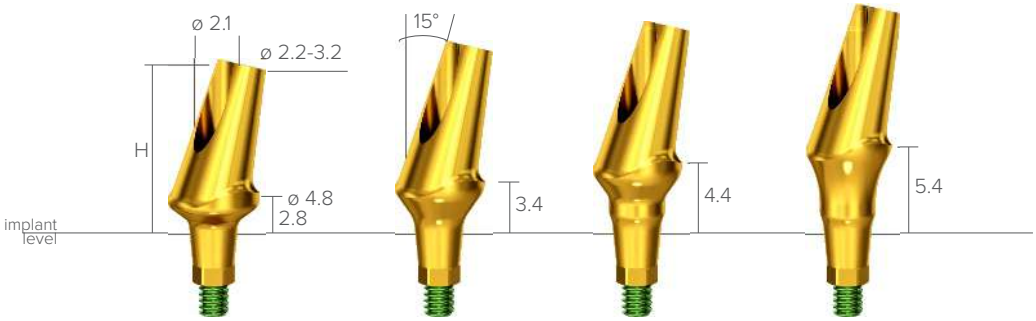
Instructions

Straight anatomical abutments



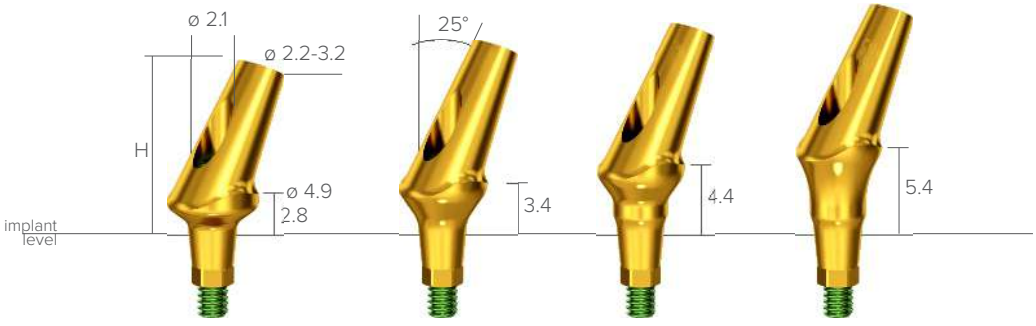
REF	A1	A2	A3	A4	A1N
H	9.3 mm	10.3 mm	11.3 mm	12.3 mm	9.75 mm

15° angled anatomical abutments



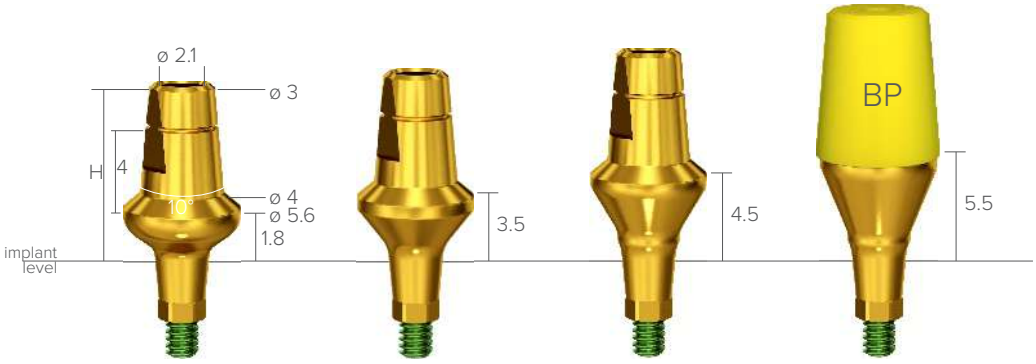
REF	A1A15	A2A15	A3A15	A4A15
H	9.4 mm	10.4 mm	11.4 mm	12.4 mm

25° angled anatomical abutments



REF	A1A25	A2A25	A3A25	A4A25
H	9.4 mm	10.4 mm	11.4 mm	12.4 mm

Transgingival abutments



REF	AT1	AT2	AT3	AT4
H	8.9 mm	9.4 mm	10.4 mm	11.4 mm

BP — free burn out part with each transgingival abutment

How it works

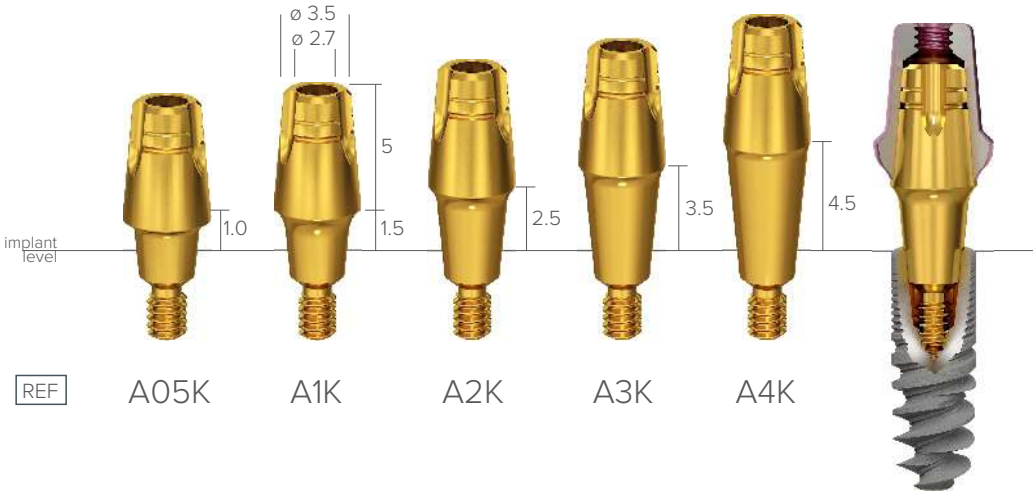
Place BP cap on AT abutment

Adjust height by cutting

Use wax for modelling future crown

Fix crown to AT abutment

One-piece abutments for telescopic fixation



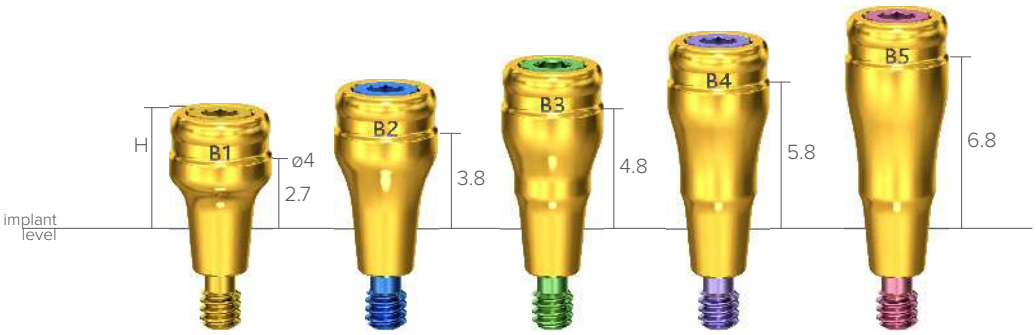
Narrow abutments for telescopic fixation

Titanium abutments for telescopic fixation

	TCK0	TCK1	TCK2	TCK3	REF
H	0 mm	1 mm	2 mm	3 mm	

	TCKXS1	TCKS0	TCKS1	TCKS2	REF
H	1 mm	0 mm	1 mm	2 mm	

Attachments



REF	B1	B2	B3	B4	B5
H	4.3 mm	5.2 mm	6.2 mm	7.2 mm	8.2 mm

B1-B5 abutments have TiN coated surface for better wear resistance

REF	HBC	BCW	BCY	BCP

Burn-out abutments

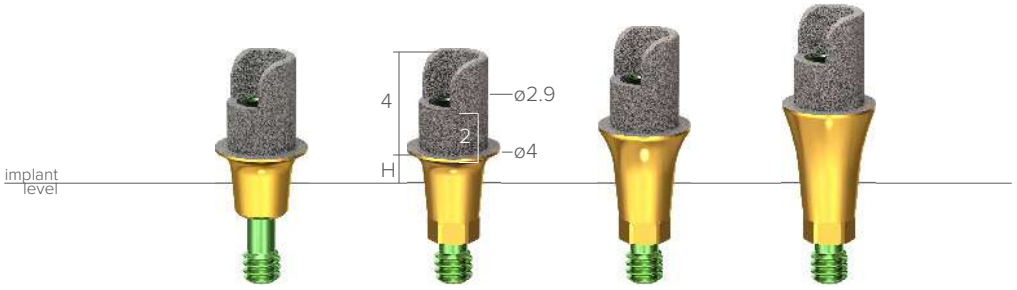
REF	AB	ABR	ABM	A1NP
	Burnout with positioning Can be used with PCO1S...PCO3S	Burnout without positioning Can be used with PCO1...PCO3, PCO1S....PCO3S	Burnout with titanium base	Burnout straight, narrow

Titanium base

Regular

REF	PCOR	PCO1	PCO2	PCO3
H	1.5 mm	1.5 mm	2.5 mm	3.5 mm

Short



REF	PCORs	PCO1s	PCO2s	PCO3s
H	1.5 mm	1.5 mm	2.5 mm	3.5 mm

For Sirona

REF	ATR1	ATR2	ATR3	ATR4
H	1.27	2.27	3.27	4.27

Pre-milled abutment

PMAB

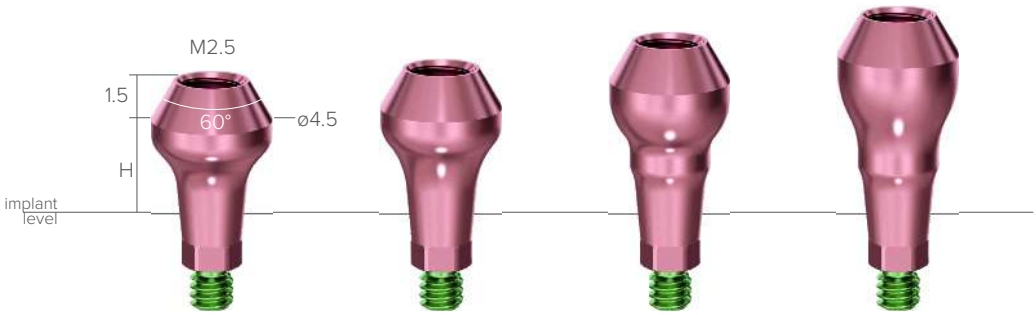
Ø 11.5mm

Multi-unit abutments

Small multi-unit abutments

REF	MS1	MS2	MS3	MS4
H	3 mm	3.5 mm	4.5 mm	5.5 mm

Regular multi-unit abutments



REF	M1	M2	M3	M4
H	3 mm	3.5 mm	4.5 mm	5.5 mm

15° angled multi-unit abutments

REF	M1A15	M2A15	M3A15	M4A15
H	3 mm	3.5 mm	4.5 mm	5.5 mm

30° angled multi-unit abutments

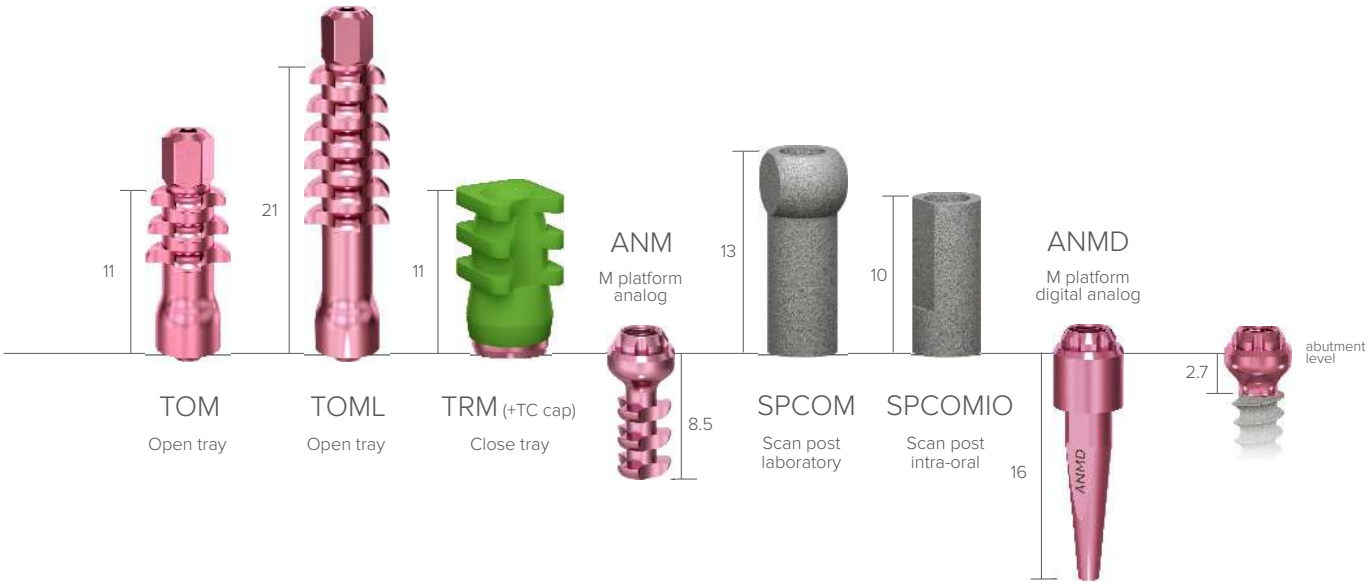
REF	M1A30	M2A30	M3A30	M4A30
H	3 mm	3.5 mm	4.5 mm	5.5 mm

45° angled multi-unit abutments

REF	M1A45	M2A45	M3A45	M4A45
H	3 mm	3.5 mm	4.5 mm	5.5 mm

Superstructures for multi-unit abutments

Transfers & analogs



TOM
Open tray

TOML
Open tray

TRM (+TC cap)
Close tray

SPCOM
Scan post laboratory

SPCOMIO
Scan post intra-oral

Abutments

PCOM
Titanium base

AM
Straight abutment

ABMU
Burnout abutment

ABMUA
15° angled burn-out abutment

Healing abutments

GFM0
3.0 mm

GFM2
5.3 mm

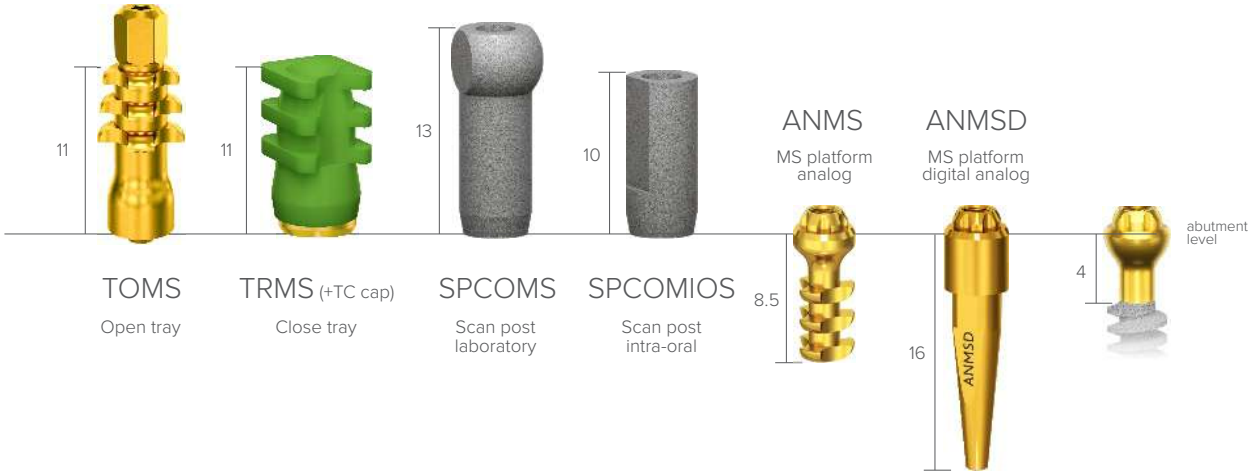
GFM4
7.3 mm

GFM6
9.3 mm

H

Superstructures for small multi-unit abutments

Transfers & analogs



TOMS
Open tray

TRMS (+TC cap)
Close tray

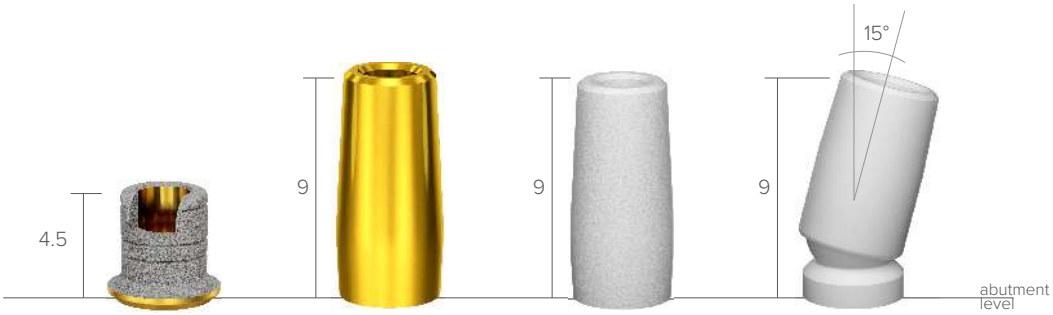
SPCOMS
Scan post laboratory

SPCOMIOS
Scan post intra-oral

ANMS
MS platform analog

ANMSD
MS platform digital analog

Abutments



PCOMS
Titanium base

AMS
Straight abutment

ABMUS
Burnout abutment

ABMUSA
15° angled burn-out abutment

Healing abutments

GFMS0
3 mm

GFMS2
5.3 mm

GFMS4
7.3 mm

GFMS6
9.3 mm

H

Instruments

Drills

Lance drill

D1508

Twist drills

D20xx
6-26 mm

Universal drills

D2516

D2816

D3216

D3616

D4016

D4316

D4616

D5016

D5316

ROOTT B

DB20xx
10-26 mm

DB23xx
10-18 mm

ROOTT R

D30xx
10-16 mm

D35xx
6-16 mm

D38xx
6-16 mm

D42xx
6-16 mm

D48xx
6-16 mm

D55xx
6-16 mm

ROOTT C

DC30xx
6-20 mm

DC35xx
6-20 mm

DC40xx
6-20 mm

DC45xx
6-20 mm

DC50xx
6-14 mm

DC55xx
6-14 mm

Taps

ROOTT R

TR30xx
10-16 mm

TR35xx
6-16 mm

TR38xx
6-16 mm

TR42xx
6-16 mm

TR48xx
6-16 mm

TR55xx
6-16 mm

ROOTT C

CS30xx
6-20 mm

CS35xx
6-20 mm

CS40xx
6-20 mm

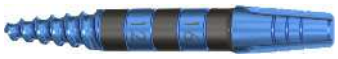
CS45xx
6-20 mm

CS50xx
6-14 mm

CS55xx
6-14 mm

Universal taps

CS2518F



CS3018F

CS4016F

Handles

ETH

Surgical handle, handpiece

ETR

Surgical handle, ratchet

ETAO

Surgical handle, AO

DW

Handle for implant driver

Gauges

DPG

Implant depth gauge

DIR

Alignment bar

P2

Parallel pin

Screwdrivers

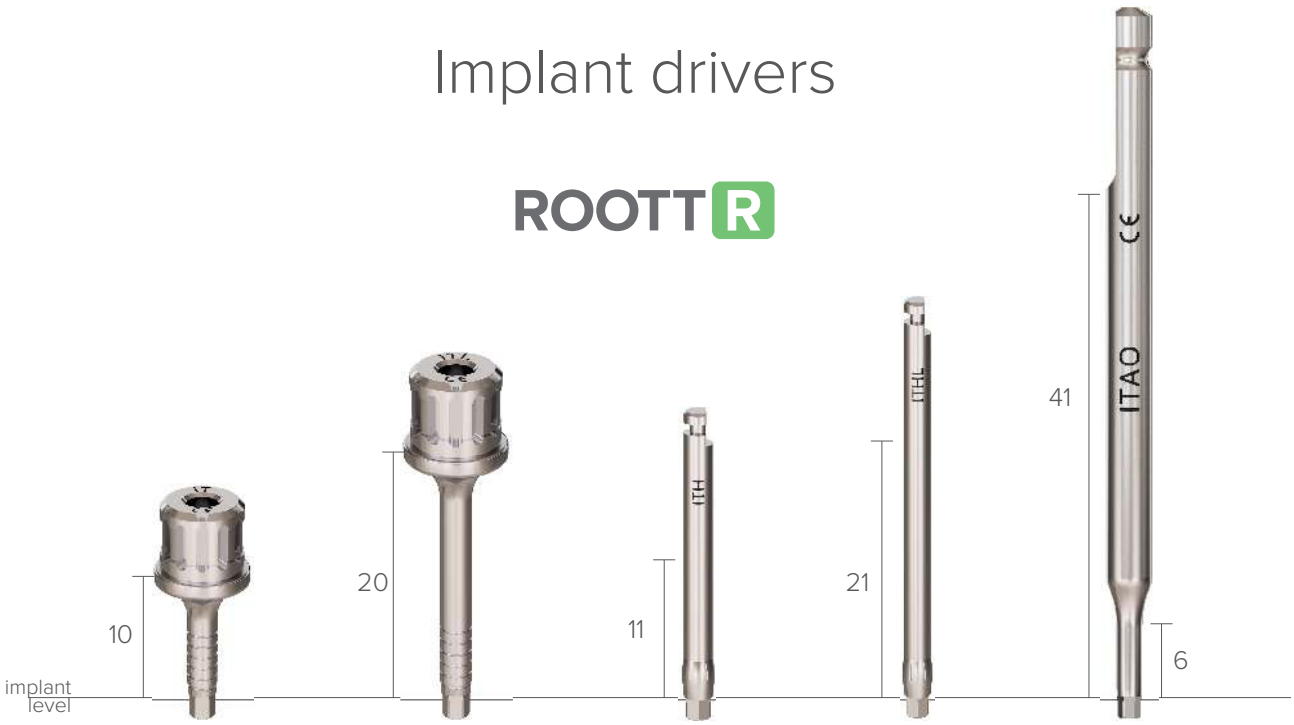
SD SDL SDXL SDLB SDXLB SDH SDHL SDHXL SDAO SDM SDML

Ball hex Ball hex

For ratchet | For handpiece | For AO handle | Manual

Implant drivers

ROOTT R

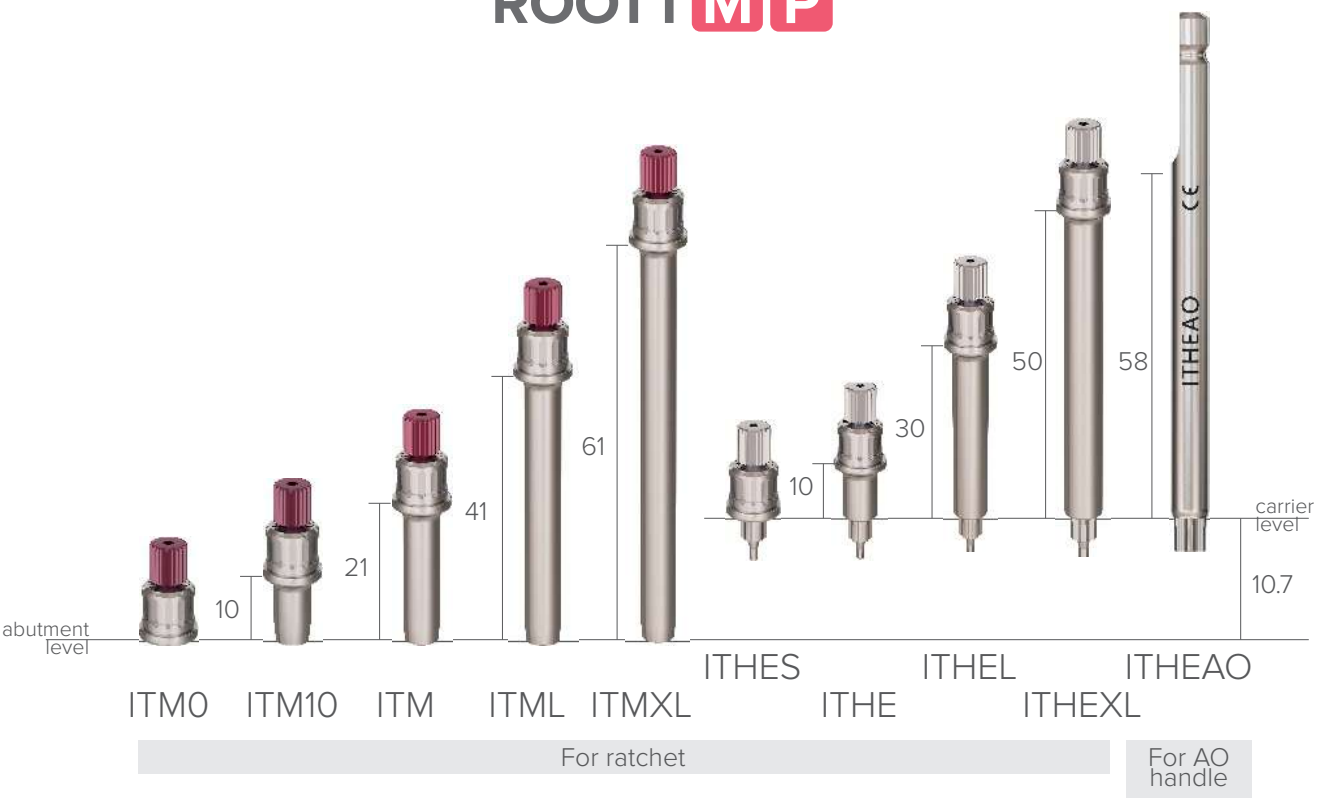


IT ITL ITH ITHL ITAO

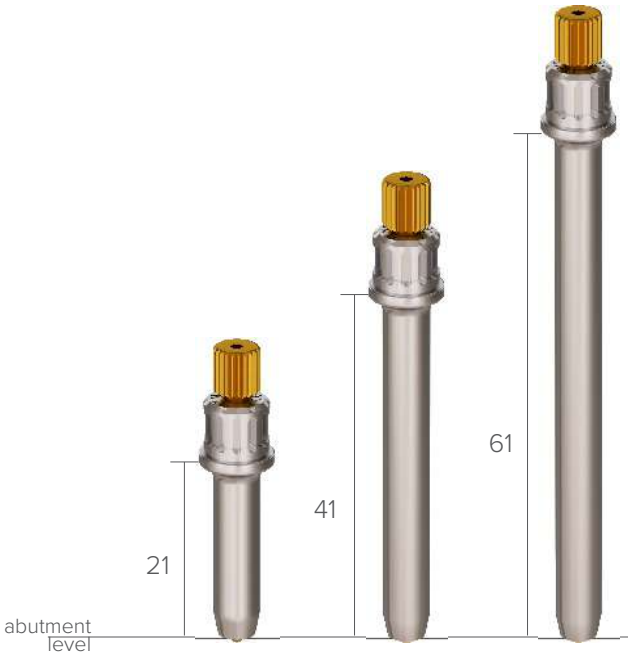
For ratchet | For handpiece | For AO handle

ROOTT C CS B BS

ROOTT M P



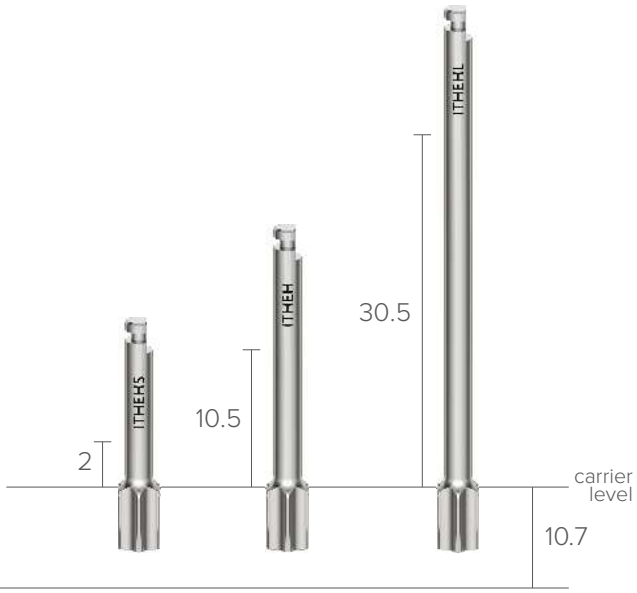
ROOTT S



ITMS ITMSL ITMSXL

For ratchet

ROOTT MP



ITHEHS ITHEH ITHEHL

For handpiece

ROOTT K

ITEKS ITEK ITEKL ITEKXL

For ratchet

ITEHK ITEHKL

For handpiece

ITEAOK

For AO handle

General instruments

TW50
Torque wrench 10-50 Ncm

TW70
Torque wrench 10-70 Ncm

RW, RWS
Ratchet wrench

BT
Abutment bender for ROOTT C B BS

BTK, BTKL
Abutment bender for ROOTT K

ET
Drill extension for handpiece

ETAO
Drill extension for AO handle

Abutment extractors

SR, SRL
Abutment extractors for ROOTT R

PRT
Abutment extractor for ROOTT K

PRS
Abutment extractor, screwdriver for ROOTT K

Guided system

Stoppers

Stoppers S1 compatible with drills DB2020, D2020, D2516, D2816, DC3006.....DC4520

S1L02 S1L04 S1L06 S1L08 S1L10 S1L12 S1L14 S1L16

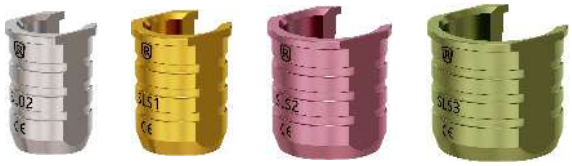
Stoppers S2 compatible with drills D3216, D3616, D4016, D4316, DC5006.....DC5514

S2L02 S2L04 S2L06 S2L08 S2L10 S2L12 S2L14 S2L16

Stoppers S3 compatible with drills D4616, D516, D5316

S3L02 S3L04 S3L06 S3L08 S3L10 S3L12 S3L14 S3L16

Sleeves and drills handles



SL02 SLS1 SLS2 SLS3

A02SL3 A02SL2 A02SL1

A1SL3 A1SL2

A2SL3

2Ingis system

Punches

D3024
ø 3 mm

D4024
ø 4 mm

D4029
ø 4 mm

D5024
ø 5 mm

Mills

D2824
ø 2.8 mm

D2829
ø 2.8 mm

D2834
ø 2.8 mm

D3524
ø 3.5 mm

D4124
ø 4.1 mm

Self drilling screw

S1415

Cassettes

Manual

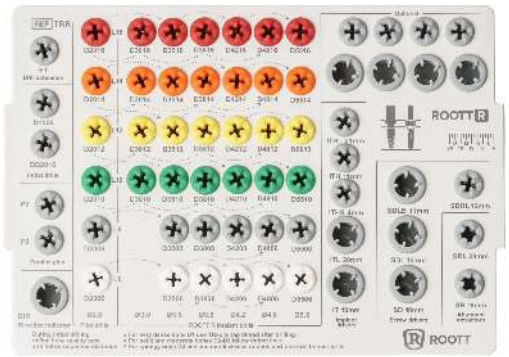
TRS R C CS M S

A large surgical kit tailored for experienced specialists seeking a versatile solution to address multiple clinical scenarios and implant procedures. This flexible kit offers a convenient bundle of tools that effectively cater to clinicians' needs.

Manual

TRS-mini R C CS M S

TRS-mini is an ideal choice for specialists who are looking for a compact and lightweight surgical implant kit that covers most scenarios. It includes essential tools such as implant drills, basic drivers, an abutment extractor, and a ratchet, providing a comprehensive response to your individual needs.



TRR R

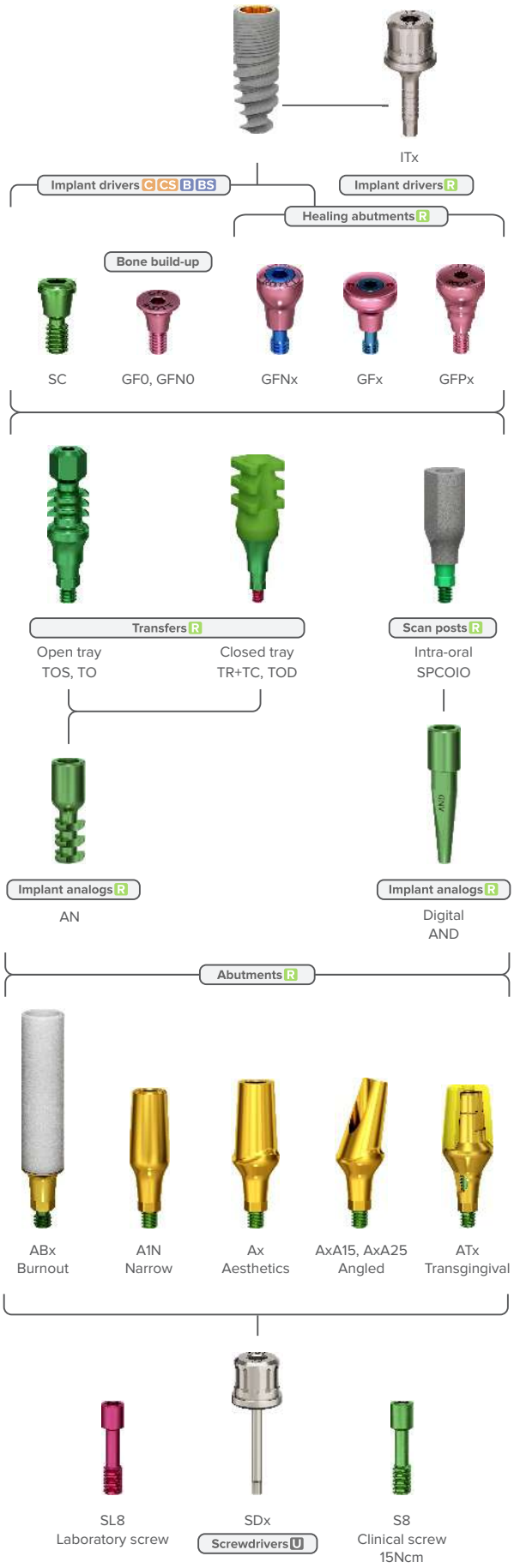
A large surgical kit tailored for experienced specialists working with ROOTT R implants.With a simplified protocol and increased efficiency through reduced drilling steps, this kit enhances the overall implantation process.

Manual

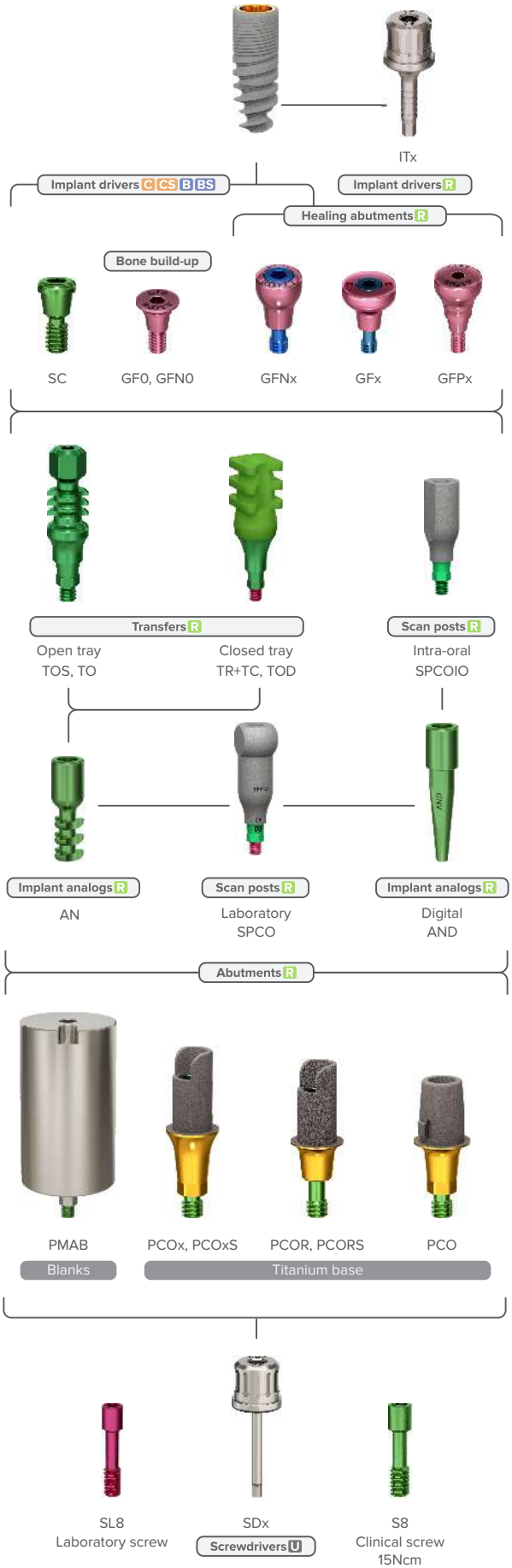
TRR-mini R

TRR-mini kit offers a hassle-free solution which is designed for specialists working with ROOTT R implants. It features ultra-sharp drills in various lengths, enabling effortless and immediate implant placement. With a simplified protocol and increased efficiency through reduced drilling steps, this kit enhances the overall implantation process.

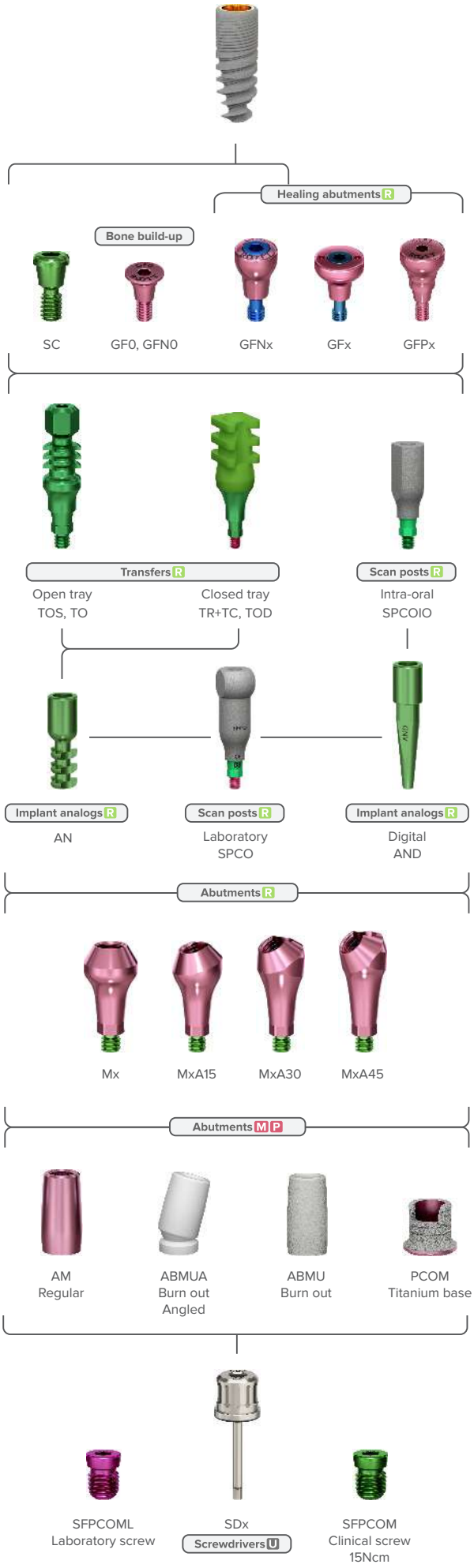
Prosthetic workflows



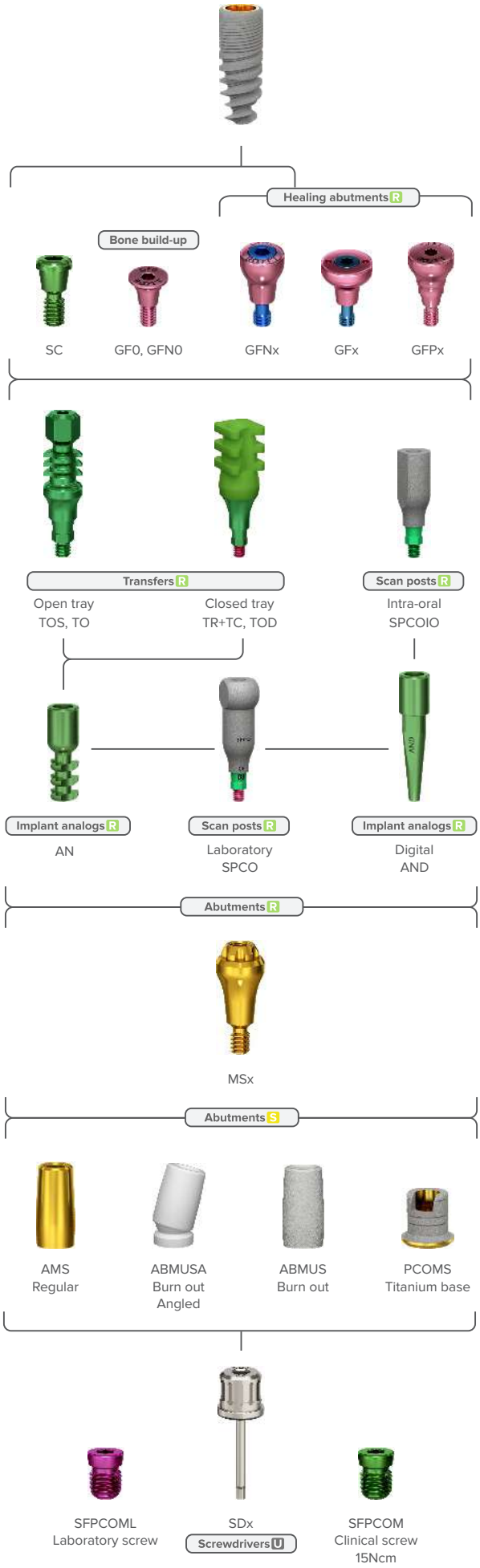
ROOTT R



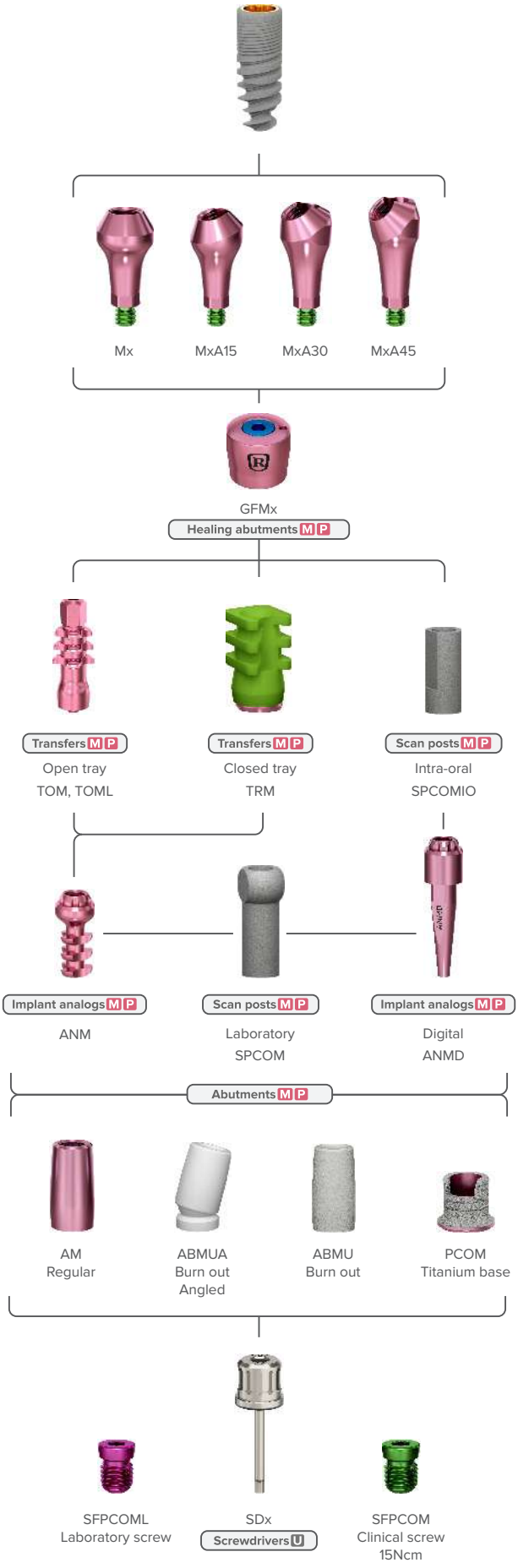
ROOTT R



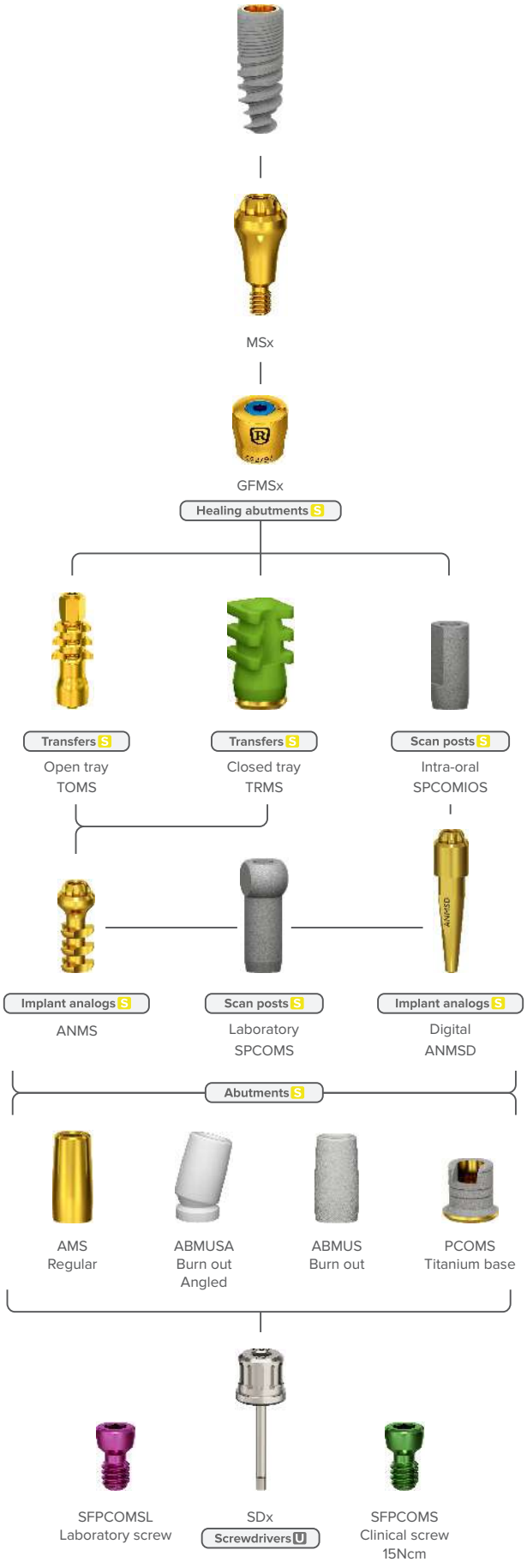
ROOTT R



ROOTT R

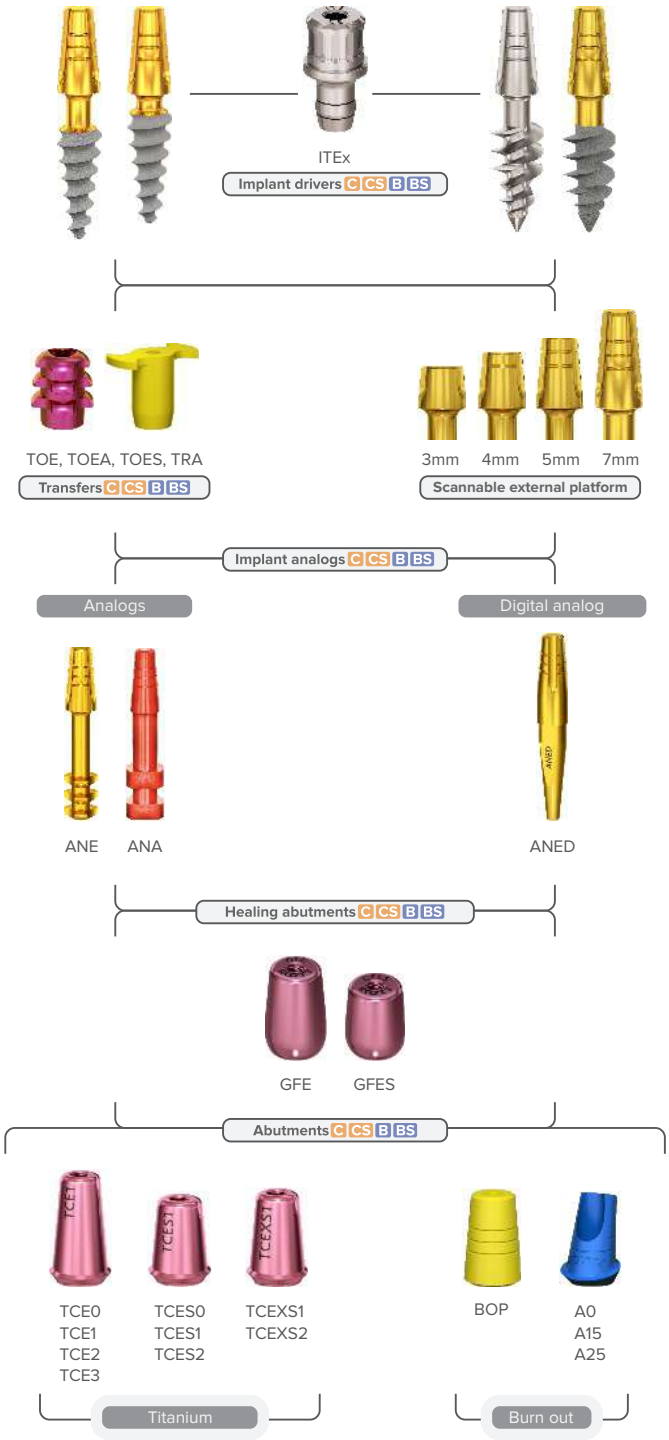


ROOTT R

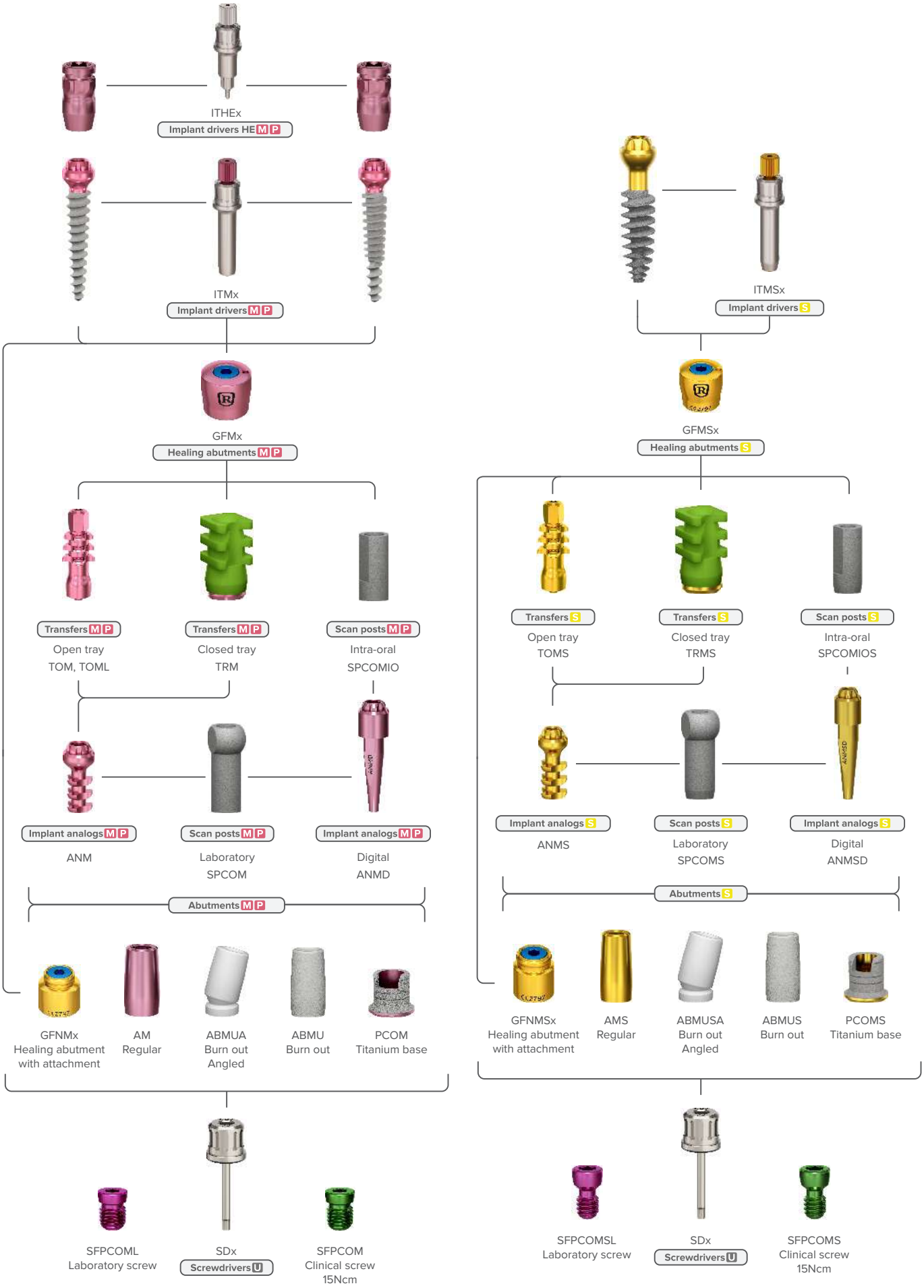


ROOTT C CS

ROOTT B BS



ROOTT M ROOTT P ROOTT S



ROOTT

Meet the intelligence with DIGITAL SOLUTIONS

Time-efficient and accurate options enhance quality possibilities and bring the modern approach to the dental industry that dental professionals seek.

Precision is essential considering the right angle, size, depth and width for dental professionals; therefore, ROOTT offers the digital workflow allowing the possibility of designing a complete dental solution. The digital library will provide options and introductions into using software and transferring the skills into the digital workflow from the tools required to design the exterior to components offered to solve basic or complex cases.

ROOTT digital libraries

PCOx
PCOxS
PCOR
PCORS

A1K

CRE.06
CRE.07

+

CRE.06/07
+ HE-end

SPCOIO
.02/.05

SPCOMIO.02/.03
+

SPCOMIOS.02/.03
+

Mx(Ax) MSx

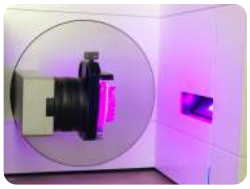
PMAB**

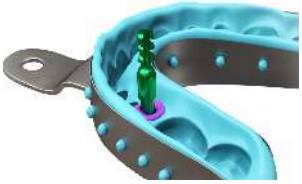
Intraoral scanner

AND

Scan/Impression

Extraoral scanner





AN

PCOx
PCOxS
PCOR
PCORS

A1K

CRE.06
CRE.07

+

CRE.06 + HE-end
CRE.07 + HE-end

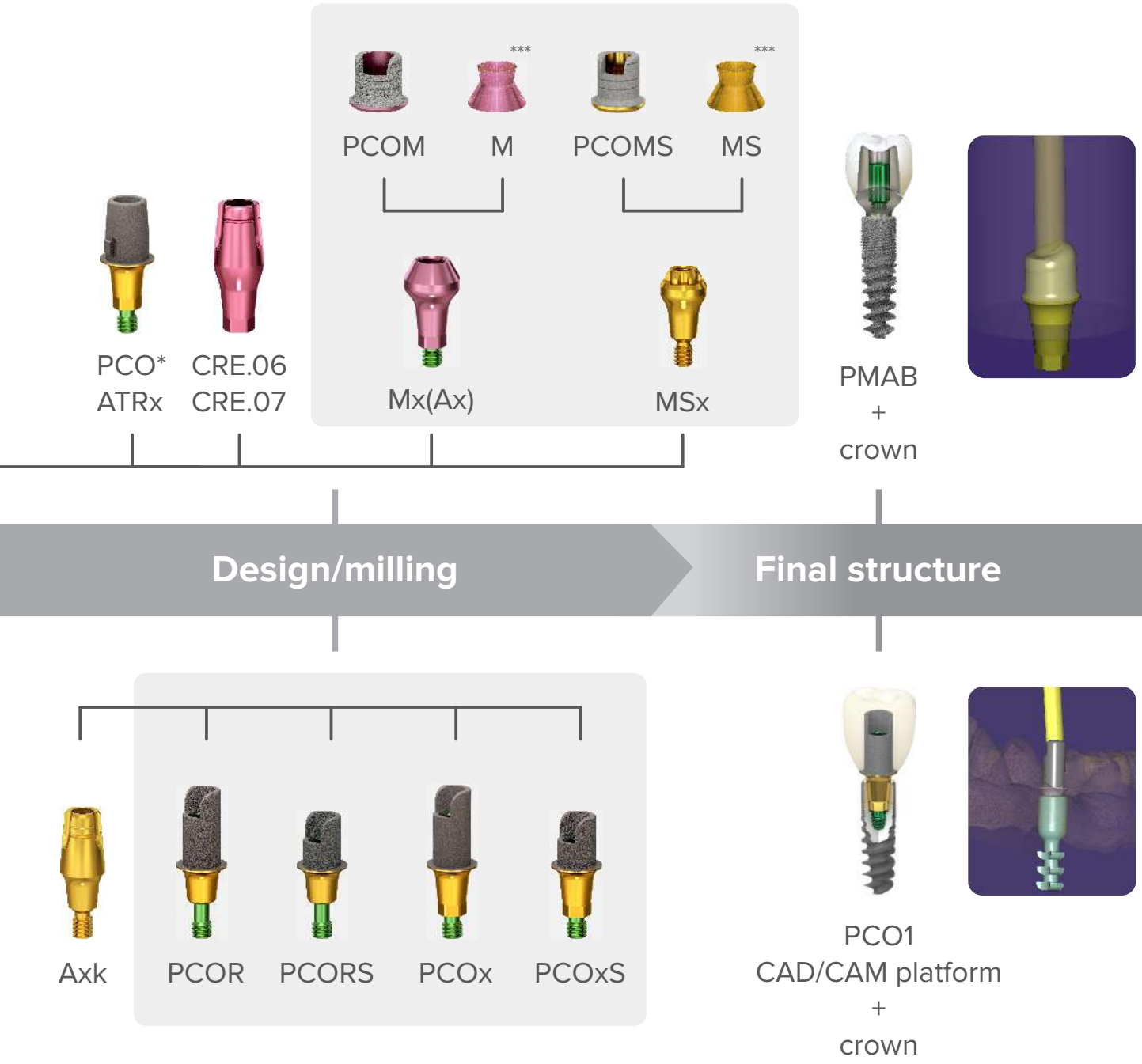
SPCO

SPCOM.02/.06
+

SPCOMS.02/.06
+

Mx(Ax) MSx

Digital workflow ROOTTR



* Cerec part for Sirona
** Premilled abutment blank
*** MU abutment is only accessible in digital library with angulation option and used with SFPCOMS screw for MS1, SFPCOM screw for M1

Abutments in the light grey background are angulated from 0° to 20° and are easily handled with an SDLB screw driver.

TRA TOES TOEA TOE HE

7mm 5mm 4mm 3mm

External platform

TCE
TCES
TCEXS

ANED

Intraoral

Scan/Impression

Extraoral

ANE

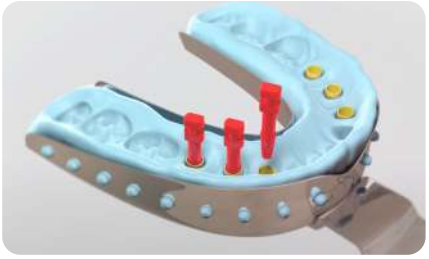
TRA TOES TOEA TOE HE

TCE
TCES
TCEXS

7mm 5mm 4mm 3mm

External platform

ANA



Digital workflow ROOTT C CS B BS

7mm 5mm 4mm 3mm
External platform

Metal framework

Prosthesis with cement

Design/milling → **Final structure**

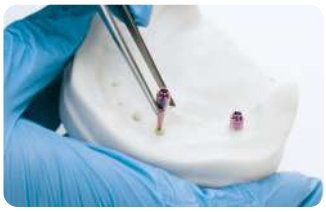
Telescopic abutments
External platform

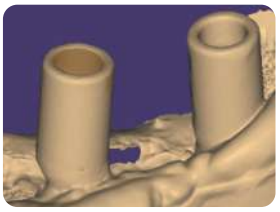
7mm 5mm

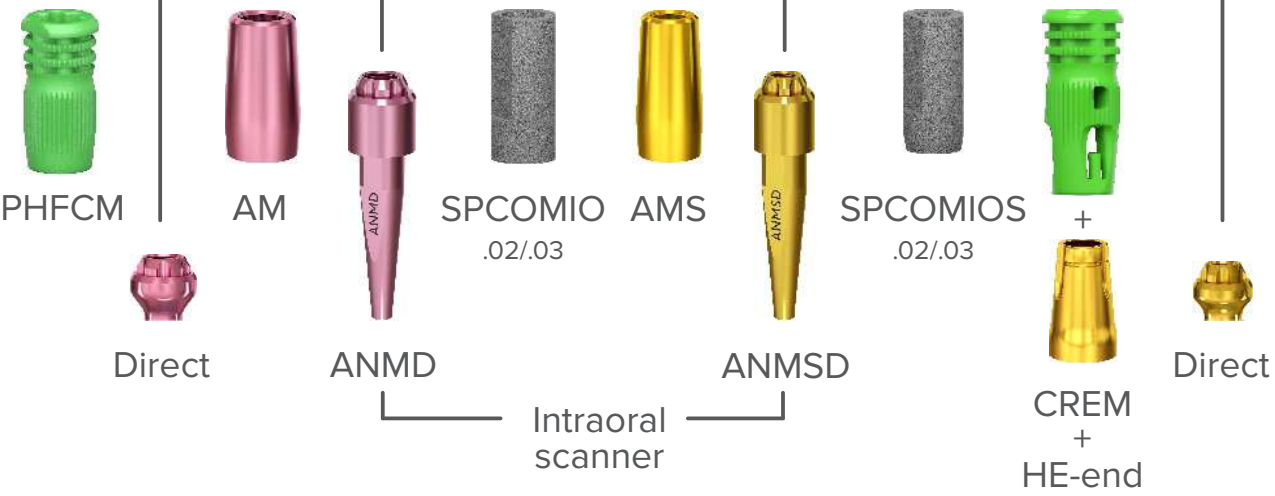
+

TCE
TCES
TCEXS

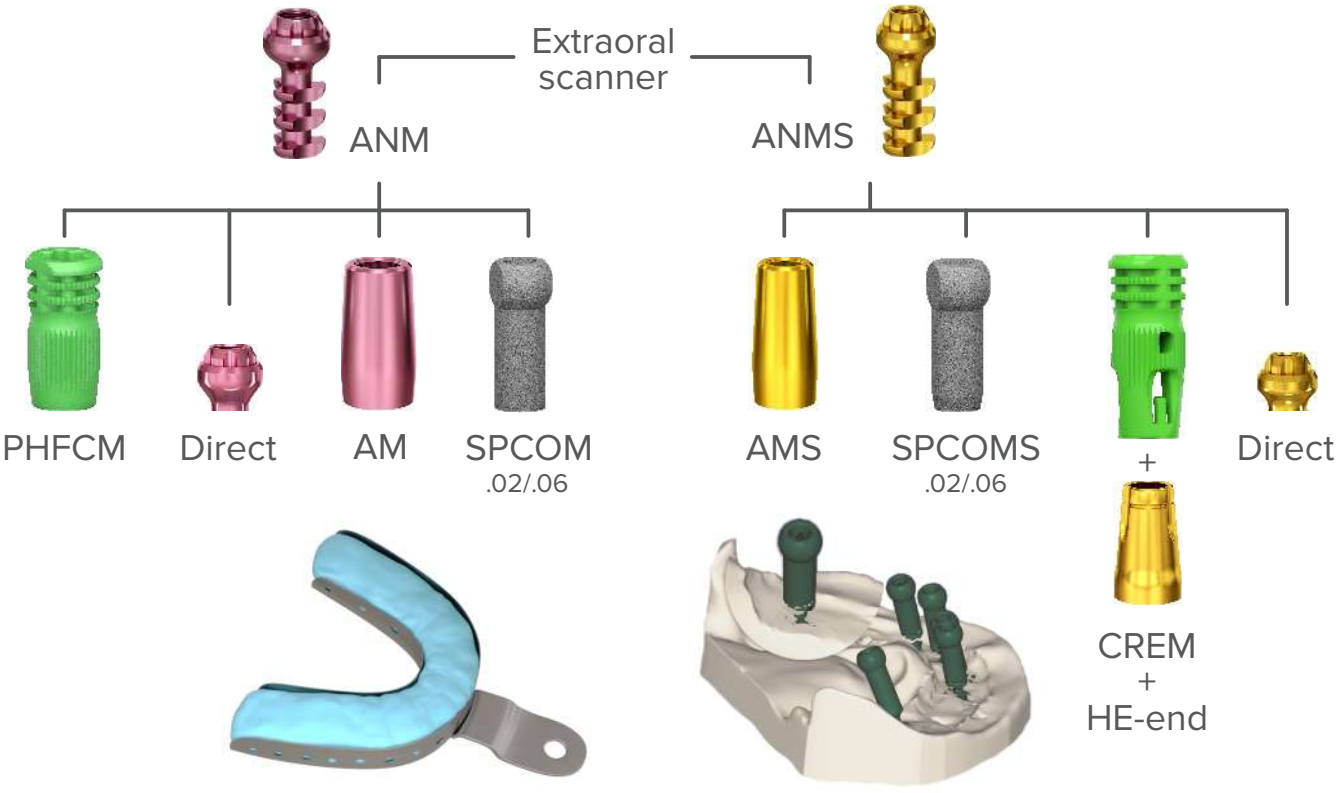
Prosthesis with telescopic solutions



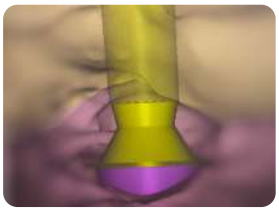




Scan/Impression



Digital workflow ROOTT M P S



M P

S

MU digital abutment *

Metal Framework

Design/milling

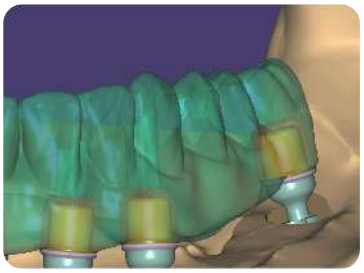
Final structure

PCOM

PCOMS

PCOM

PCOMS



* MU abutment is only accessible in digital library with angulation option and used with SFPCOMS screw for ROOTT S, SFPCOM screw for ROOTT M/P.

ROOTT

Together with specialists for standards that matters

ROOTT has always sought excellence and reliability by utilizing innovative approaches and solutions right from the design stage. Since its foundation, ROOTT has put research and cutting-edge innovation at the forefront of its mission. This is the result of diligent, dedicated work and close cooperation with the Open Dental Community (Luxembourg) – an independent, international team of expert dentists and academic professionals, which provides a significant link between industry and dental professionals.

ROOTT never compromises on functionality and simplicity dedicated to dental professionals.

Simplicity

Built with profound knowledge and insight of what is necessary for practitioners to achieve perfection in their successful clinical practice.

Functionality

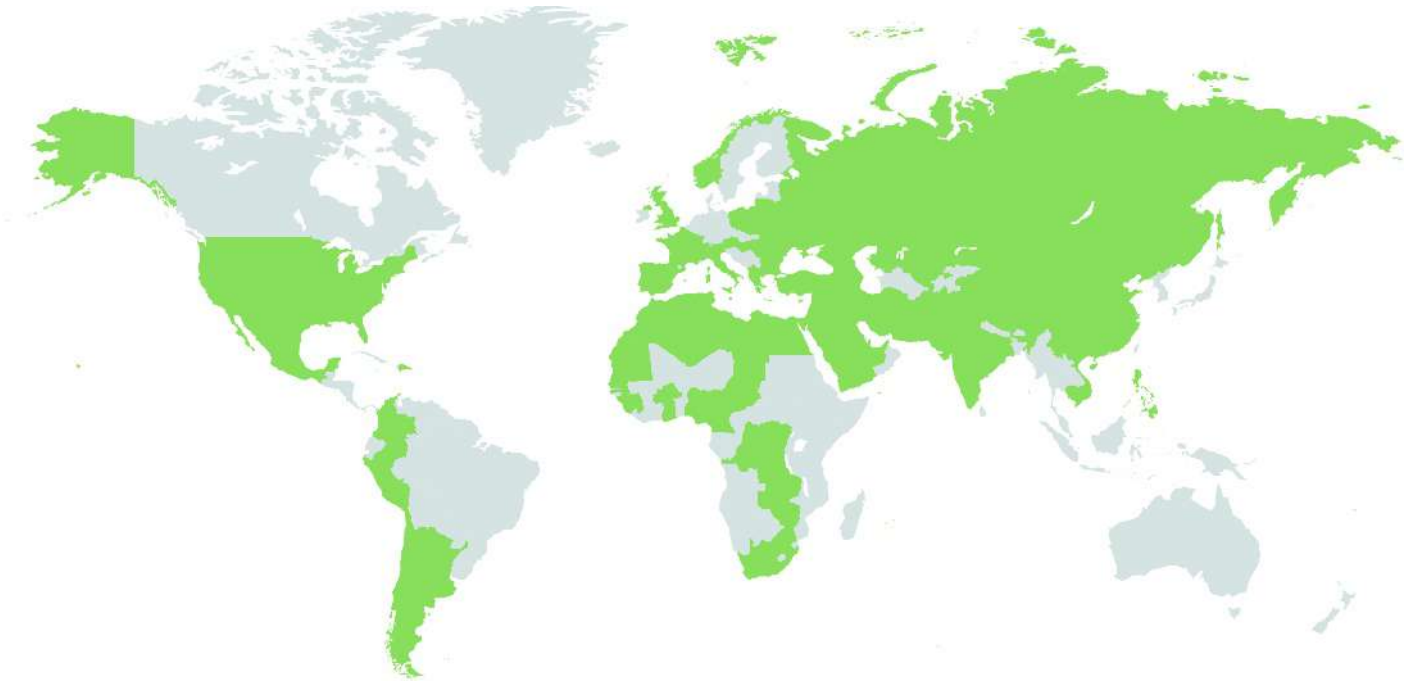
To ensure functionality and flexibility every product is probed, diligent and dedicated for every specialist need. Each and every single piece of product is created with the research of doctors.

Open Dental Community

Innovations and development network of dental specialists around the world.
Life learning concept and constant improvement of global dental knowledge and skills.

70+

distributors



Products & events

roott.ch

Clinical cases

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