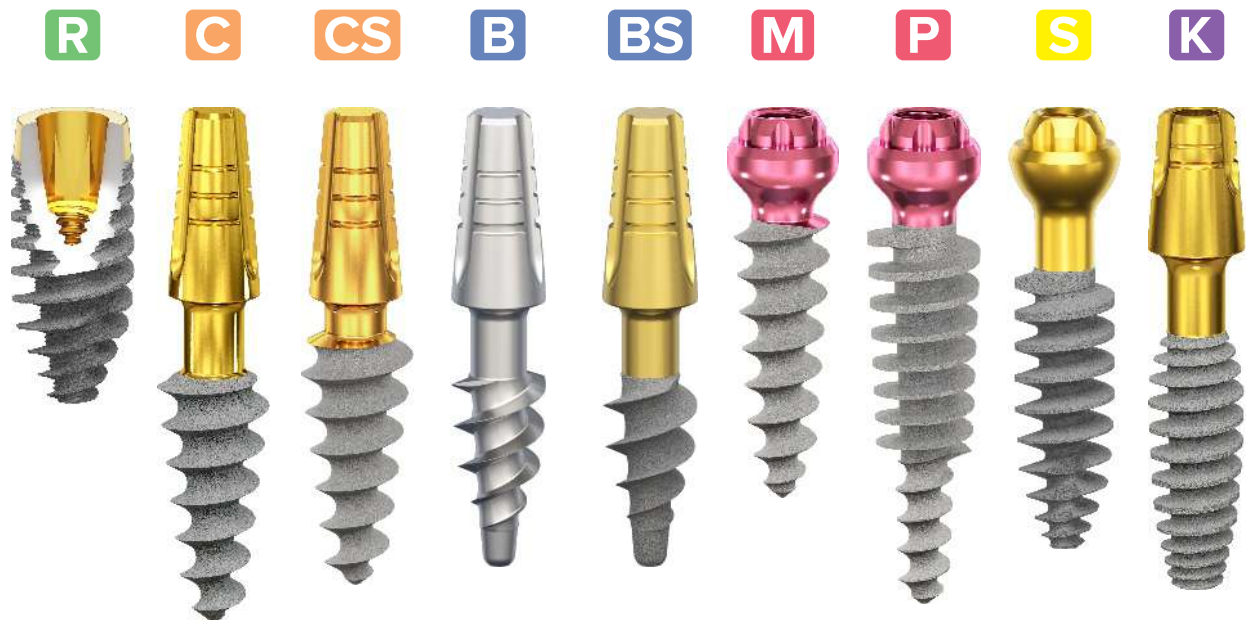


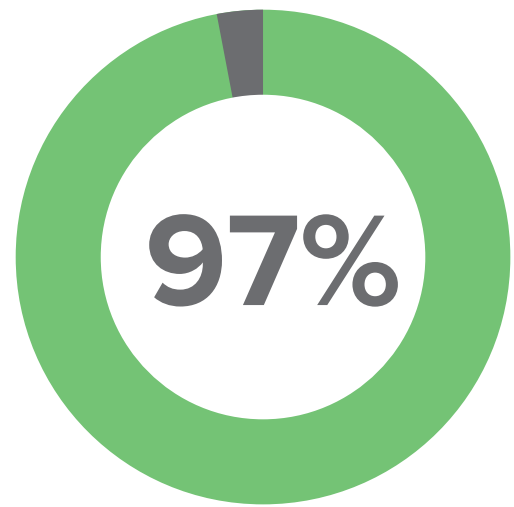


ROOTT



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



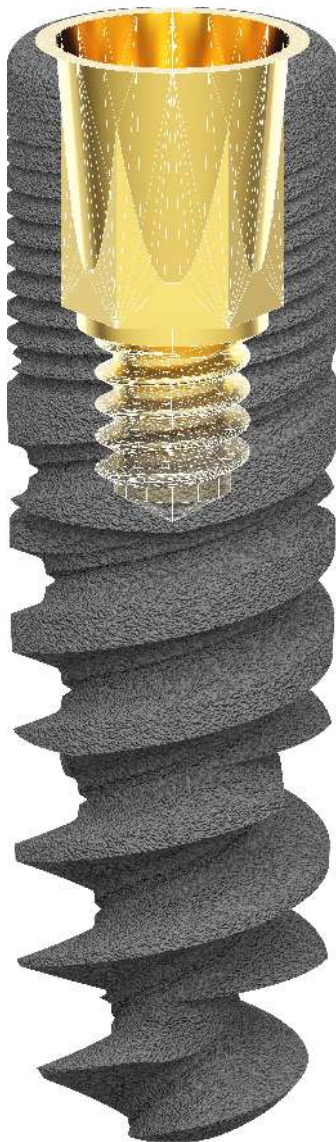
Telescopic

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

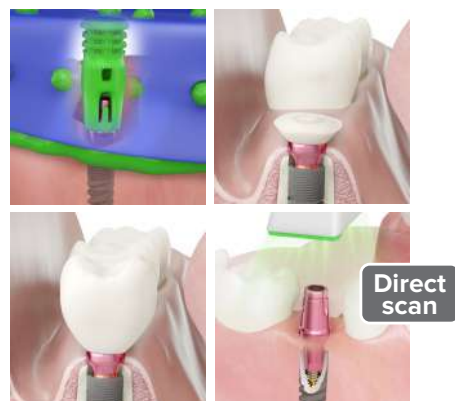
- 10° 10° cone & internal hex
- Secure connection
- No microgap / no micromovement

Primary stability

- V-shape design
Efficient insertion
- RBM blasted, acid etched surface
Optimum adhesion
- Variable threads
Bone condensation

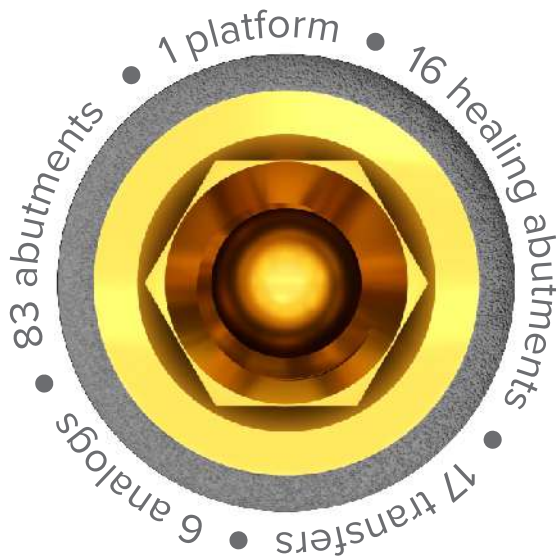
1 package – does it all

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



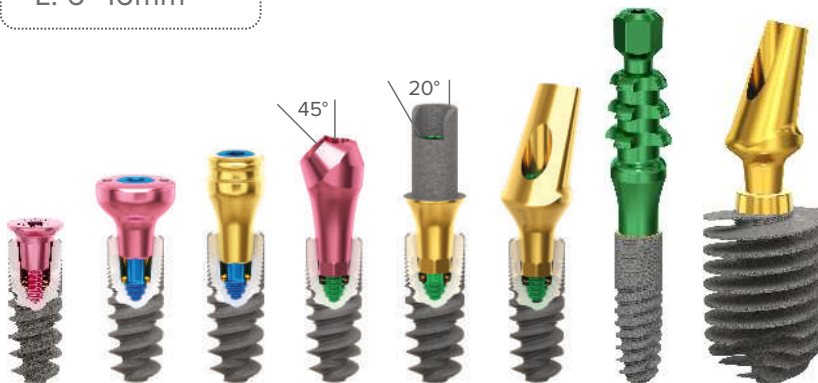
Multiple possibilities

ROOTT R

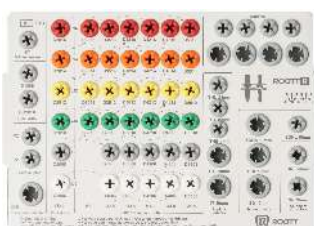


Freedom and flexibility with switching platform and morse taper connection for all prosthetic components & all implant sizes of

Ø: 3.0–5.5mm
L: 6–16mm



Easy management



TRR



TRR-mini

Clinical cases



By Dr. Mohamad El Moheb



By Dr. Roman Novichenko

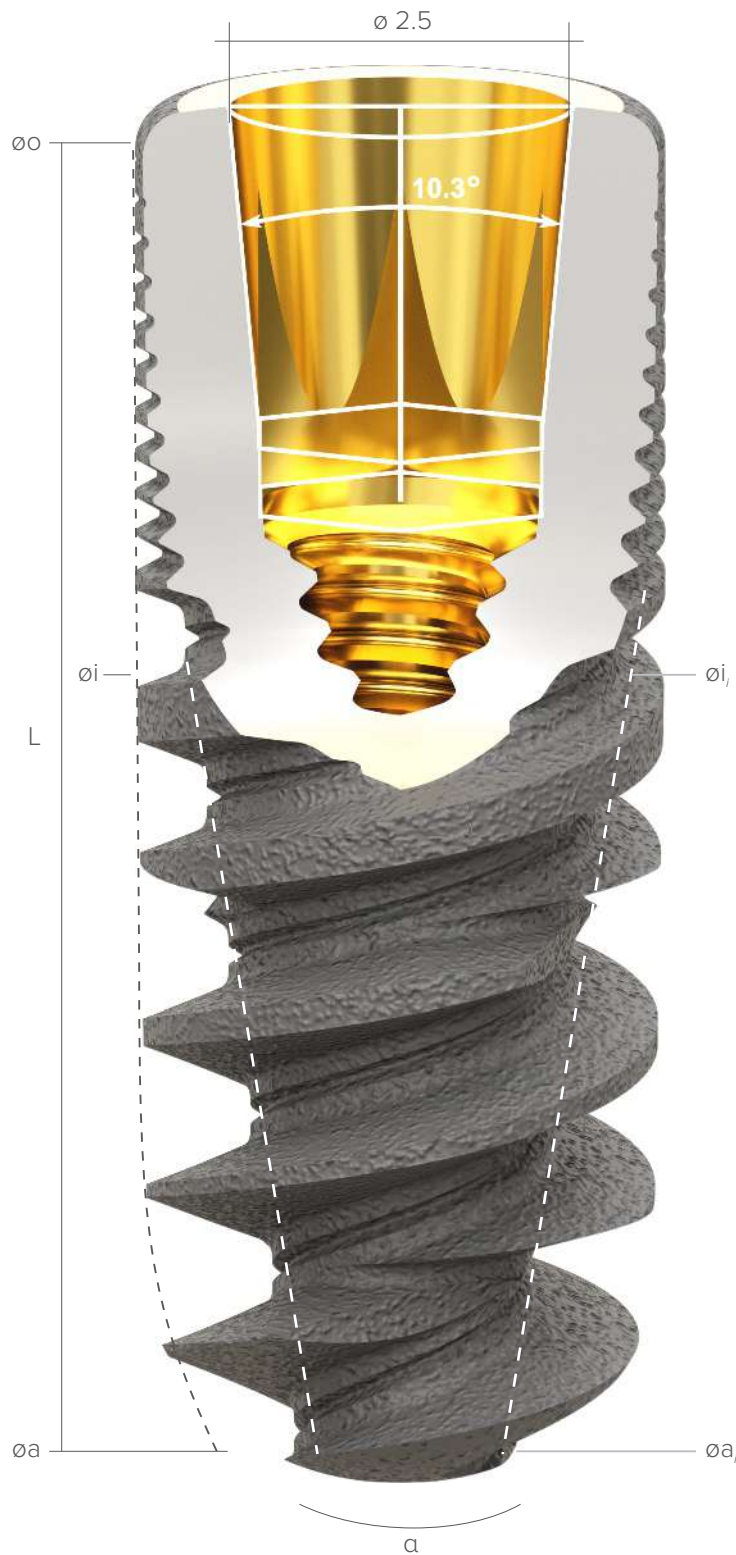


More cases



ROOTT **R**

M1.6x0.35 6H



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

ø 3.0

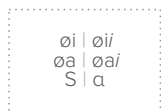
ø 3.5

ø 3.8

ø 4.2

ø 4.8

o / L



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 C

Cement & telescopic retained

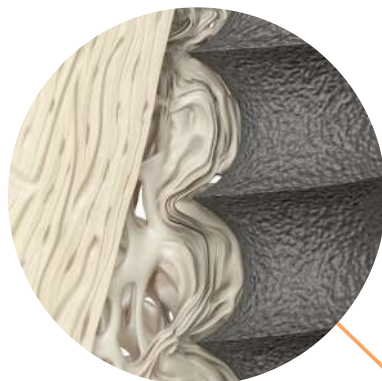
One-piece implant

Simple solution to bone atrophy

One-piece implant for more comfort and simplicity with a bendable neck for up to 15°. It ensures extreme time and cost-saving, which also comes with less complications and more patient acceptance.

Due to its thin design, excellent fit for narrow ridge and ensured safety due to the alveolar canal nerve bypass. Developed for single and multiple restorations.

Condensing thread



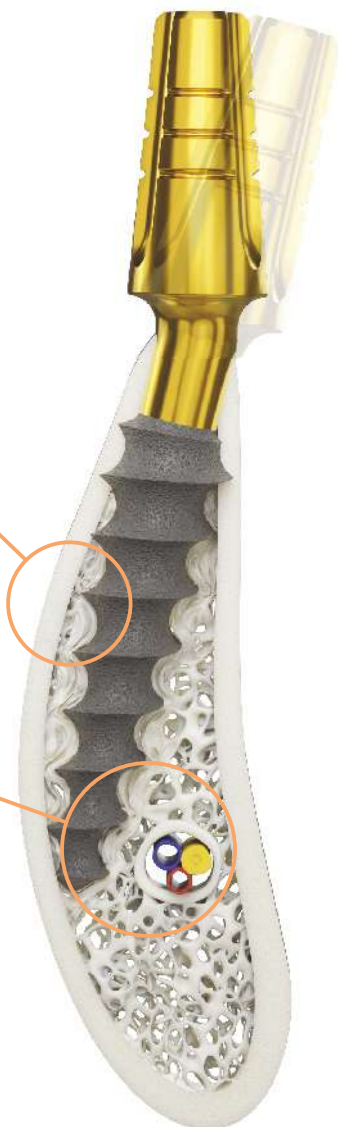
Avoiding inferior alveolar canal nerve







ROOTT C



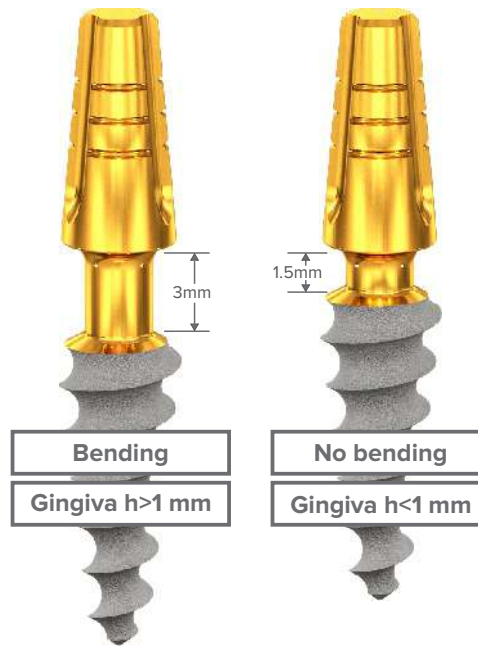
Together with special condensing threads and embedded abutment with no microgaps, implant achieves excellent initial stability from the very beginning.



-  Significant time & cost saving
-  Immediate loadings
-  Excellent for narrow ridge
-  May avoid bone augmentation

ROOTT **C**

ROOTT **CS**



Clinical cases



By Dr. Alvaro Bastida

“FILO System is suitable in all clinical cases. Even esthetic area, narrow spaces, post-extraction and soft tissues management”

Prosthetic variety

Cement retain with trimmable external platform, burnouts or cement-free option with patented telescopic abutments.

Telescopic

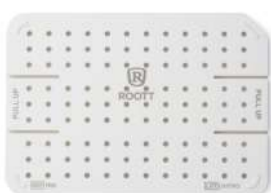


Direct scan

5mm
4mm
3mm



Easy management

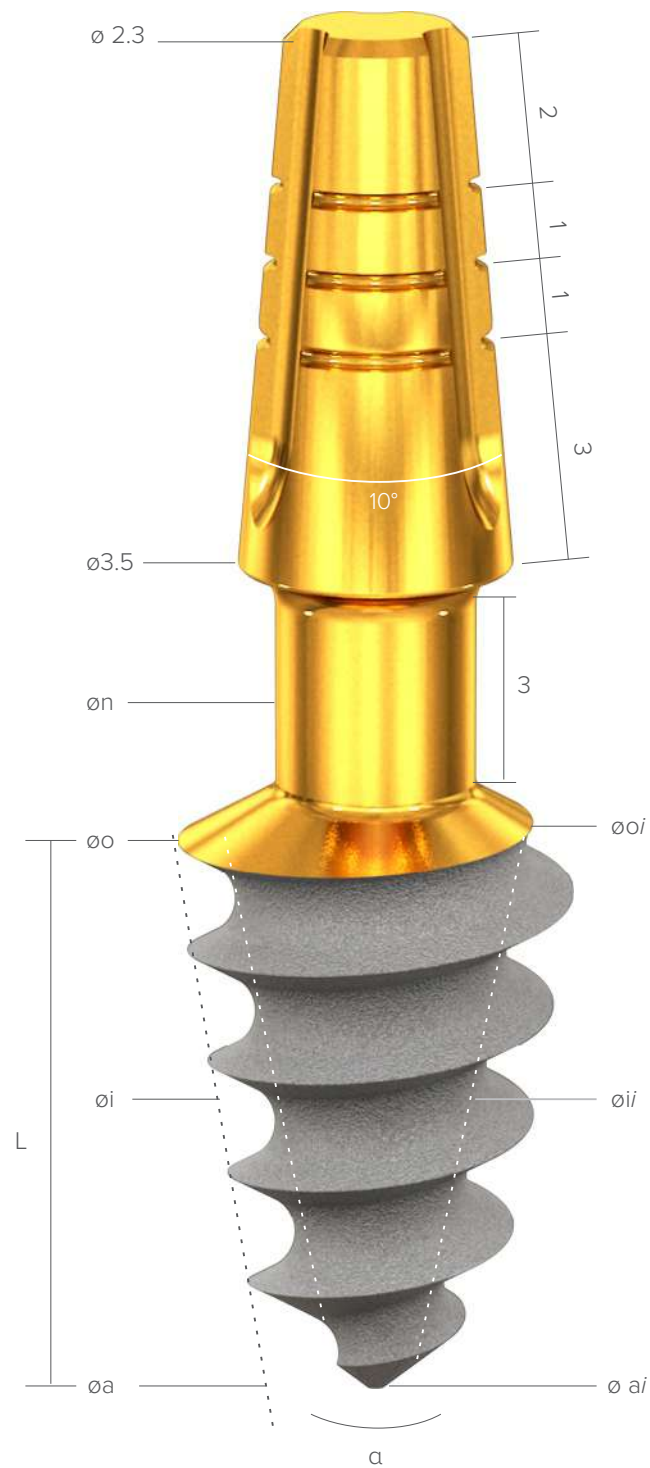


TRS


























































TRS-mini

More cases





o - occlusal diameter (mm); i - intraosseous diameter (mm); a - apical diameter (mm); n - neck diameter;
 α - total internal angle ($^\circ$); s - intraosseous square area (mm²); i = internal.

L / o	ø 3.0	ø 3.5	ø 4.0	ø 4.5	ø 5.0	ø 5.5	ø 6.5	ø 7.5	ø 8.5
	oi 2.05 n 2.05	oi 2.46 n 2.05	oi 2.95 n 2.05	oi 3.05 n 2.35	oi 3.55 n 2.35	oi 4.04 n 2.55	oi 4.0 n 2.55	oi 4.0 n 2.55	oi 4.04 n 2.55
6 mm	 C3006 2.4 1.4 1.9 0.9 45 12	 C3506 2.6 1.6 1.9 0.9 49 17	 C4006 3.1 2.0 2.4 1.2 59 18	 C4506 3.5 2.1 2.9 1.4 73 18	 C5006 3.9 2.4 3.2 1.7 82 21	 C5506 4.1 2.7 3.2 1.8 88 27	 C6506 5.1 2.6 4.5 1.9 126 27	 C7506 6.1 2.3 5.8 2.6 144 27	 C8506 7.1 2.7 7.1 2.6 158 26
8 mm	 C3008 2.4 1.4 1.9 0.9 59 9	 C3508 2.6 1.6 1.9 0.9 65 13	 C4008 3.1 2.0 2.4 1.2 80 13	 C4508 3.6 2.2 2.9 1.4 100 13	 C5008 4.0 2.5 3.2 1.8 113 15	 C5508 4.2 2.7 3.2 1.8 121 19	 C6508 5.2 2.7 4.4 1.9 177 19	 C7508 6.2 2.6 5.6 2.1 208 19	 C8508 7.2 2.7 6.7 2.3 231 19
10 mm	 C3010 2.4 1.4 1.9 0.9 74 7	 C3510 2.6 1.6 1.9 0.9 82 10	 C4010 2.9 1.8 1.9 0.8 92 13	 C4510 3.4 1.9 2.4 1.0 117 13	 C5010 3.7 2.2 2.6 1.2 131 15	 C5510 3.8 2.4 2.5 1.0 139 19	 C6510 4.9 2.4 3.6 1.2 211 19	 C7510 5.8 2.7 4.5 2.4 251 19	 C8510 3.8 2.4 2.5 1.0 287 19
12 mm	 C3012 2.3 1.3 1.7 0.7 86 6	 C3512 2.6 1.6 1.8 0.8 97 9	 C4012 2.8 1.8 1.8 0.8 109 11	 C4512 3.3 1.9 2.4 0.9 139 11	 C5012 3.8 2.4 2.8 1.4 163 12	 C5512 3.9 2.5 2.5 1.1 167 16	 C6512 4.9 2.4 3.6 1.2 258 16	 C7512 5.9 2.4 4.8 1.3 309 16	 C8512 6.9 2.4 5.9 1.4 357 16
14 mm	 C3014 2.4 1.3 1.9 0.7 99 5	 C3514 2.6 1.5 1.8 0.7 111 8	 C4014 2.9 1.8 1.8 0.8 128 10	 C4514 3.3 1.9 2.3 0.9 162 10	 C5014 3.6 2.2 2.4 0.9 179 12	 C5514 3.8 2.3 2.3 0.8 191 14	 C6514 4.8 2.4 3.4 0.9 297 14	 C7514 5.8 2.4 4.5 1.1 359 14	 C8514 6.8 2.4 5.6 1.2 415 14
16 mm	 C3016 2.4 1.4 1.7 0.8 118 4	 C3516 2.6 1.6 1.8 0.8 129 6	 C4016 2.9 1.8 1.8 0.8 146 8	 C4516 3.3 1.9 2.3 0.8 184 9					
18 mm	 C3018 2.4 1.3 1.7 0.7 128 4	 C3518 2.6 1.7 1.8 0.8 146 6	 C4018 2.9 1.8 1.8 0.8 164 7	 C4518 3.3 1.9 2.2 0.8 206 8					
20 mm	 C3020 2.4 1.3 1.7 0.7 143 4	 C3520 2.6 1.6 1.8 0.7 161 5	 C4020 2.9 1.8 1.8 0.7 180 7	 C4520 3.3 1.9 2.2 0.8 229 7					

oi | oii
 oa | oai
 S | a

Ti6Al4V ELI

Instruments

Drills

Lance drill



Twist drills



Universal drills



ROOTT^R



ROOTT^C



ROOTT^B



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

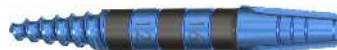


CS55xx
6-14 mm

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

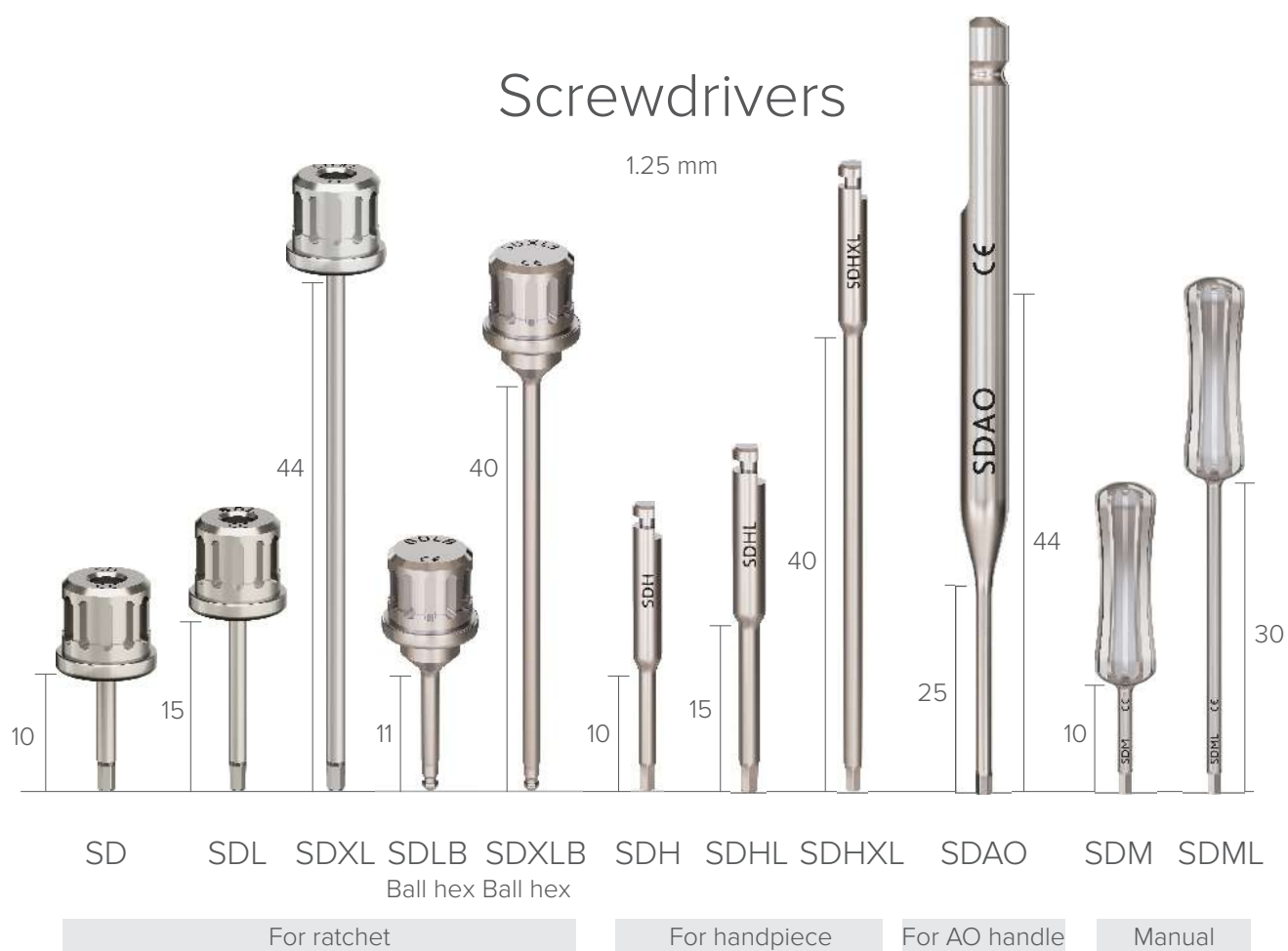
Alignment bar



P2

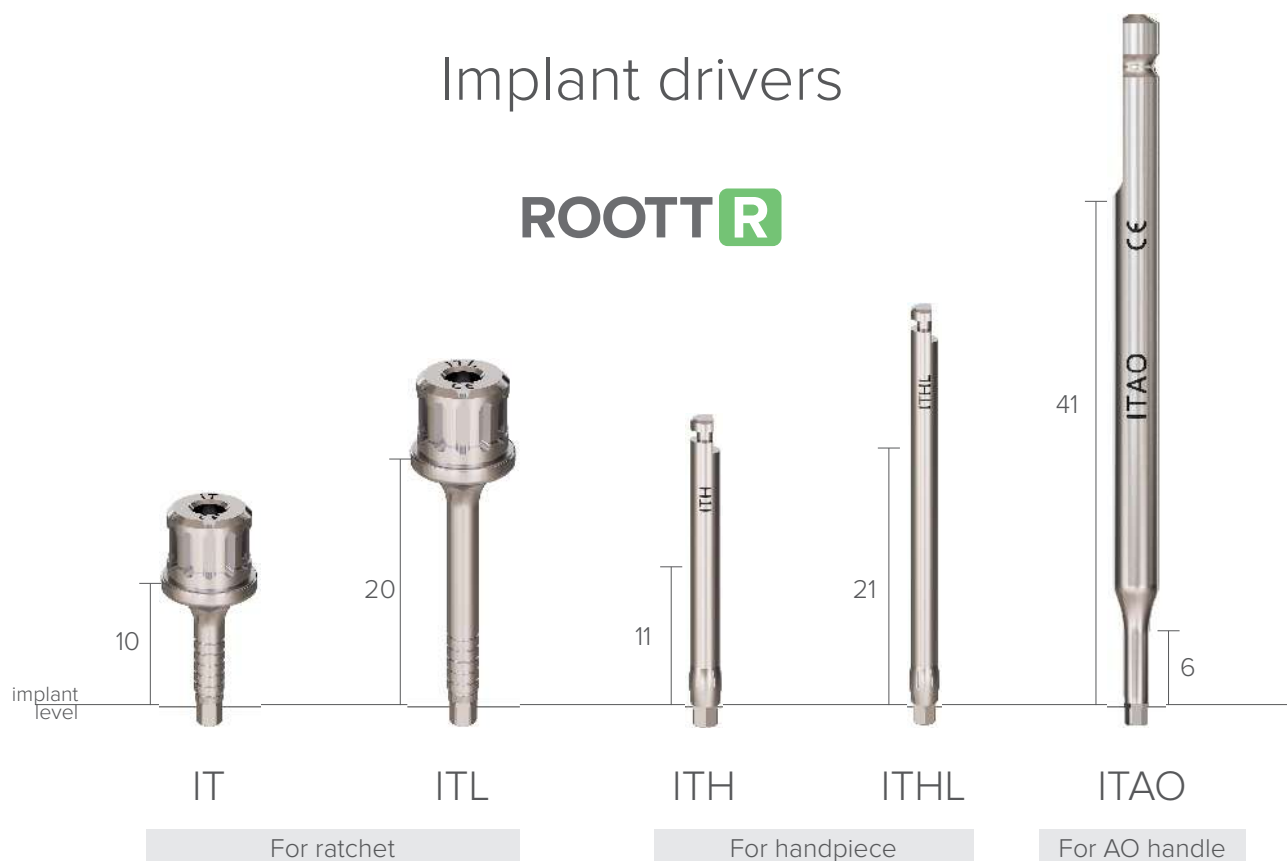
Parallel pin

Screwdrivers



Implant drivers

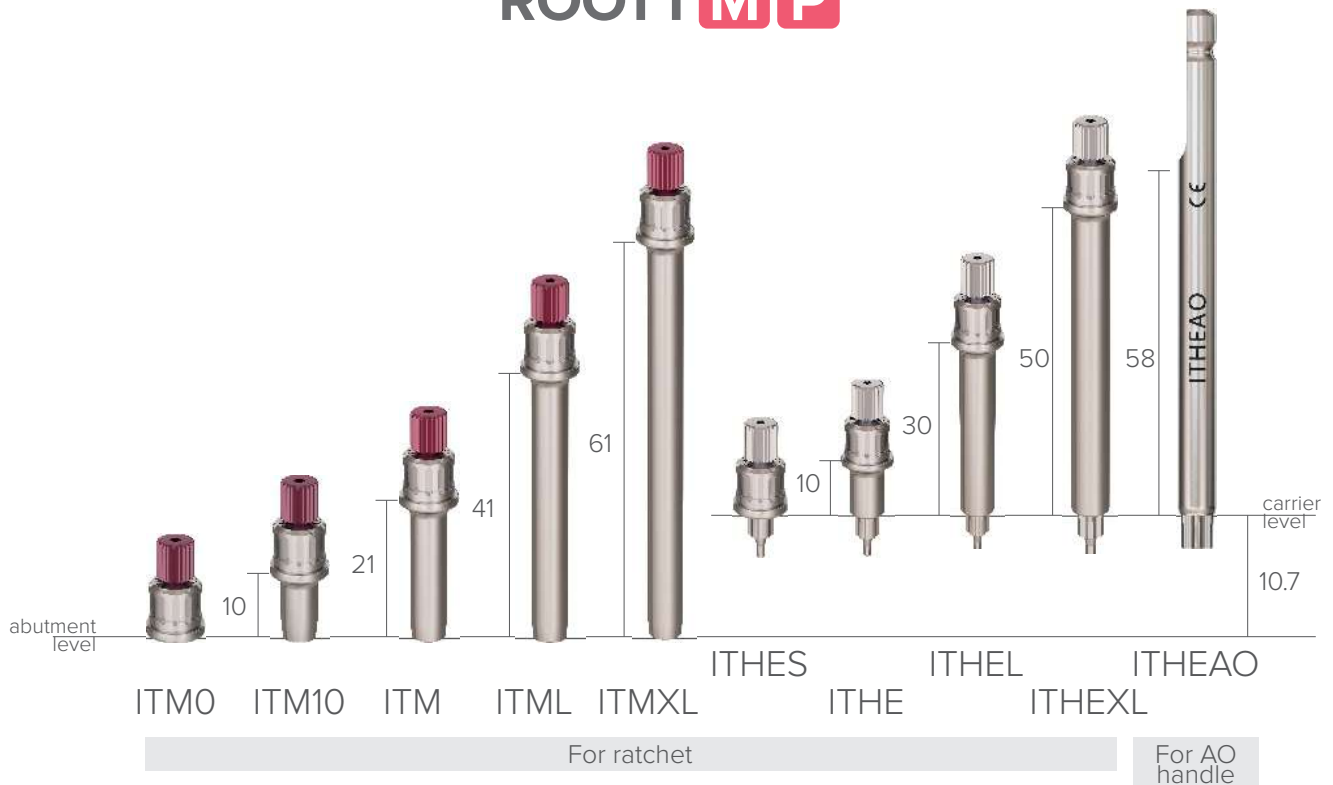
ROOTT^R



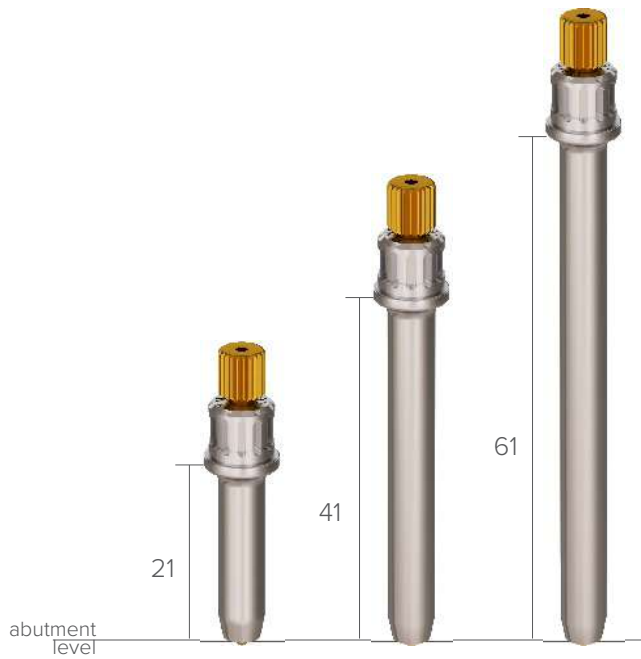
ROOTT C CS B BS



ROOTT M P

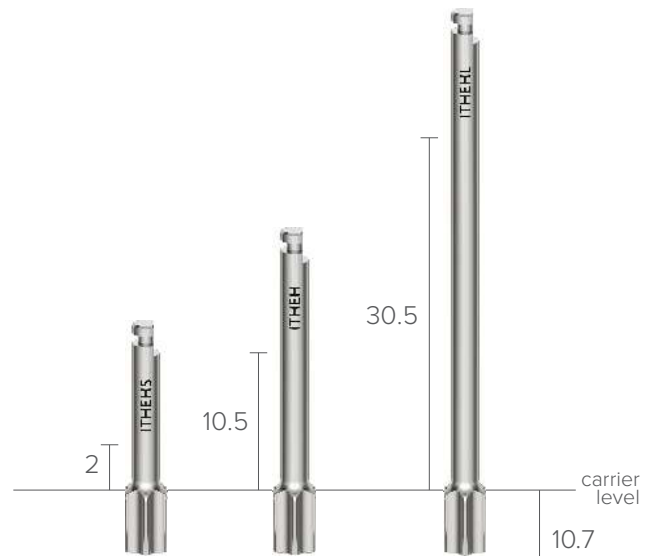


ROOTT **S**



ITMS ITMSL ITMSXL
For ratchet

ROOTT **M P**



ITHEHS ITHEH ITHEHL
For handpiece

ROOTT **K**



ITEKS ITEK ITEKL ITEKXL
For ratchet

ITEHK ITEHKL ITEAOK
For handpiece 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**



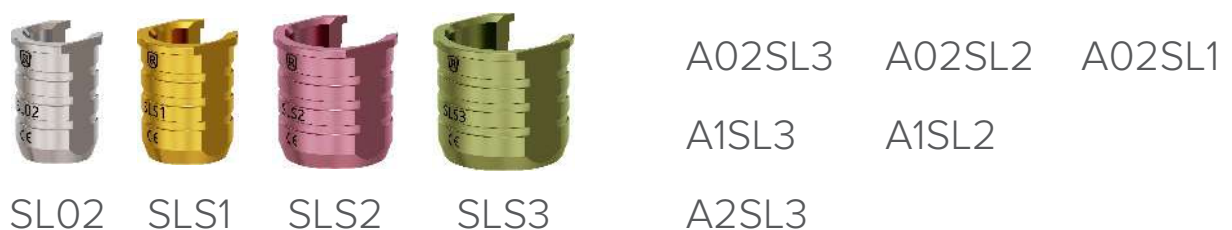
PRS
Abutment extractor, screwdriver for ROOTT **K**

Guided system

Stoppers



Sleeves and drills handles



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 C S 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.

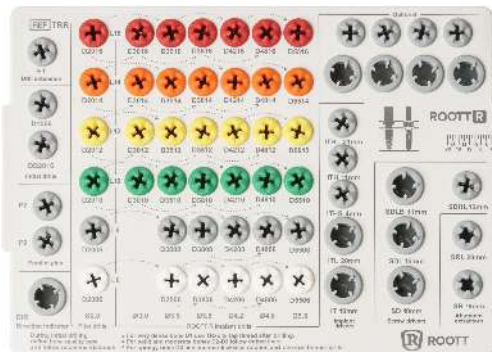


Manual



TRS-mini **R C C S 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.



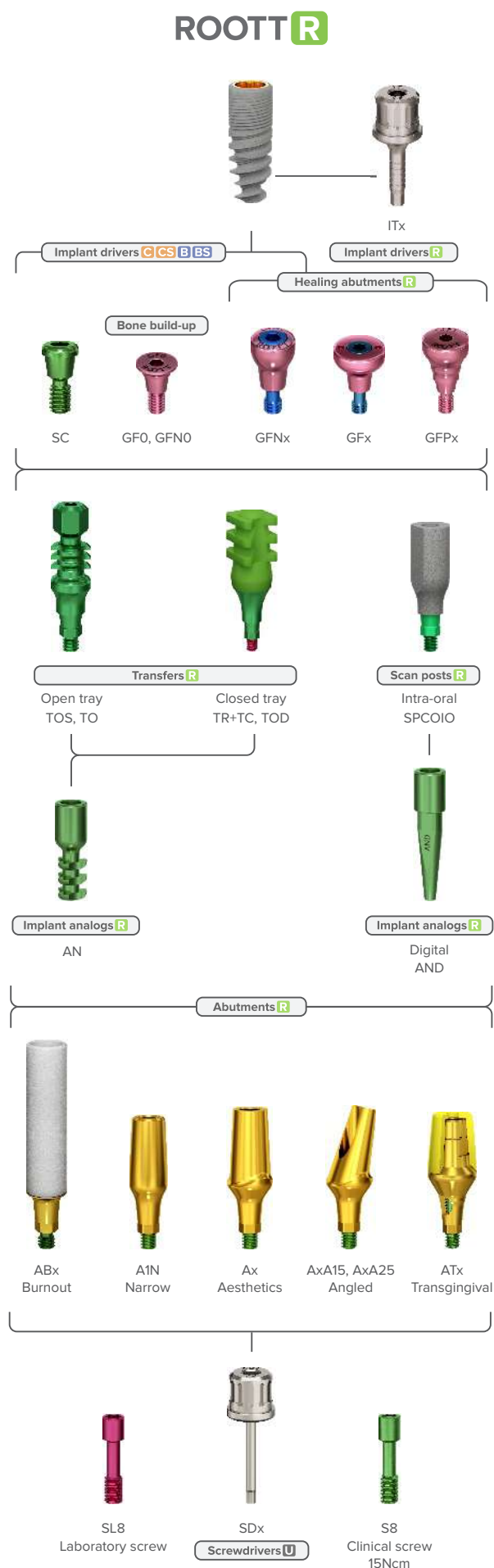
Manual

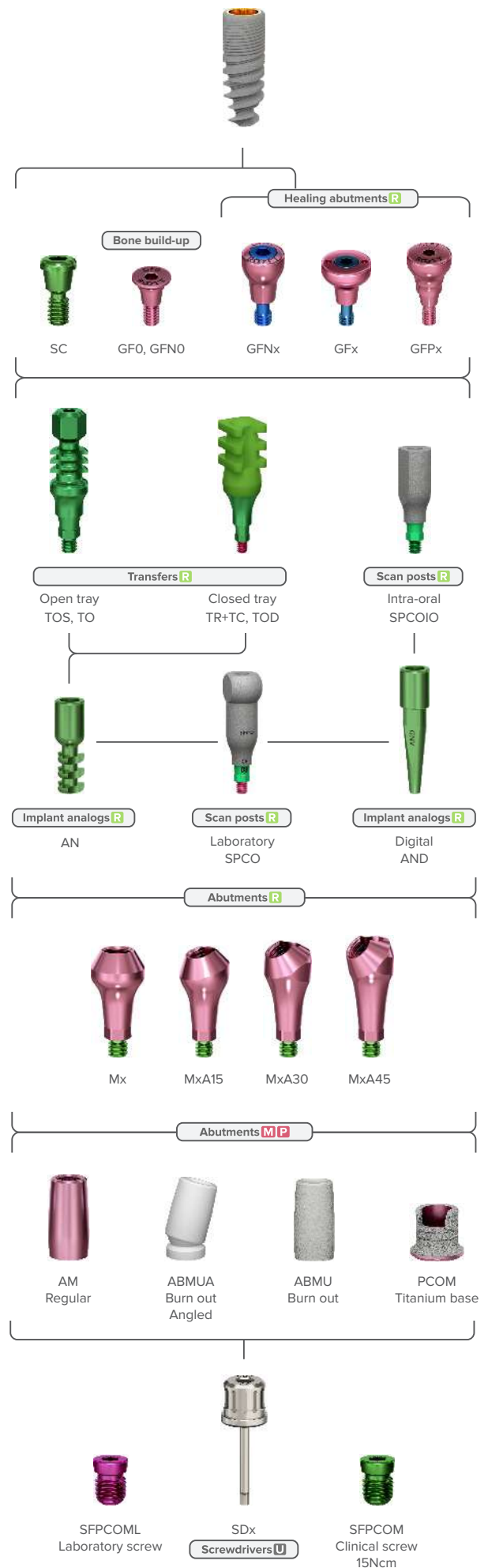
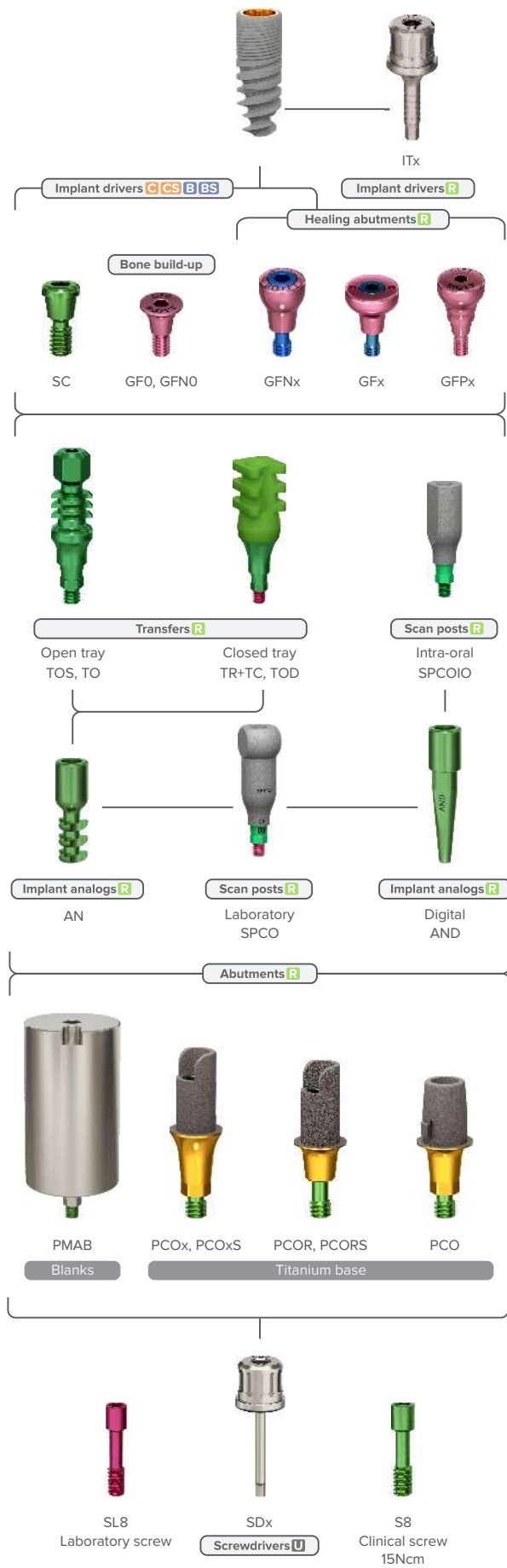


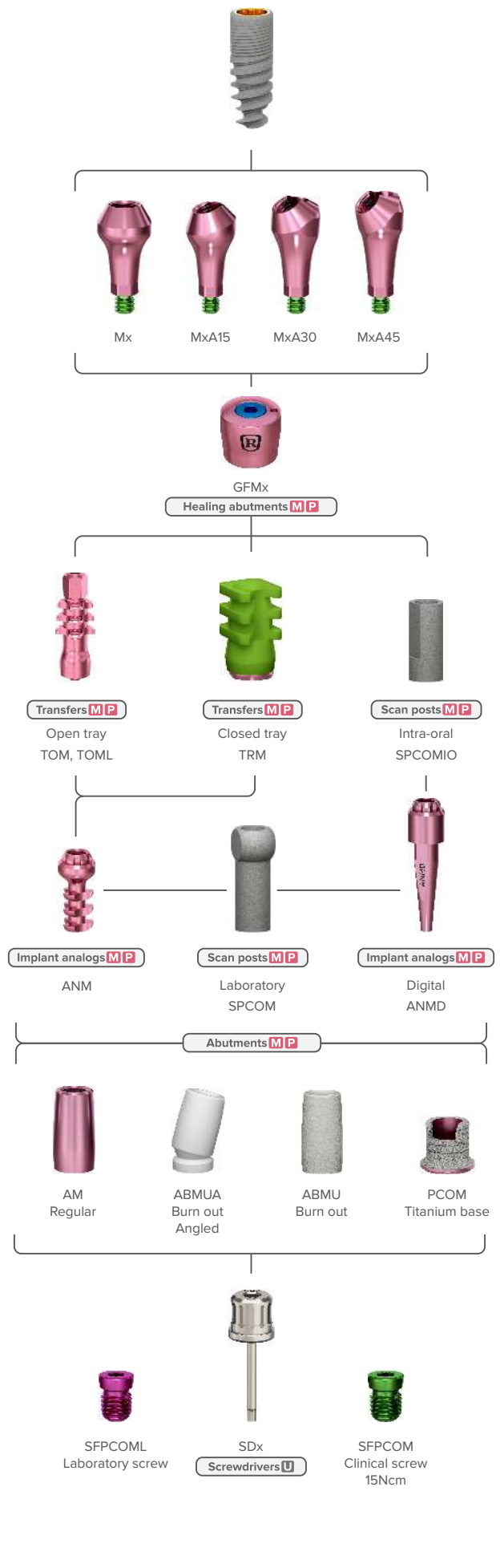
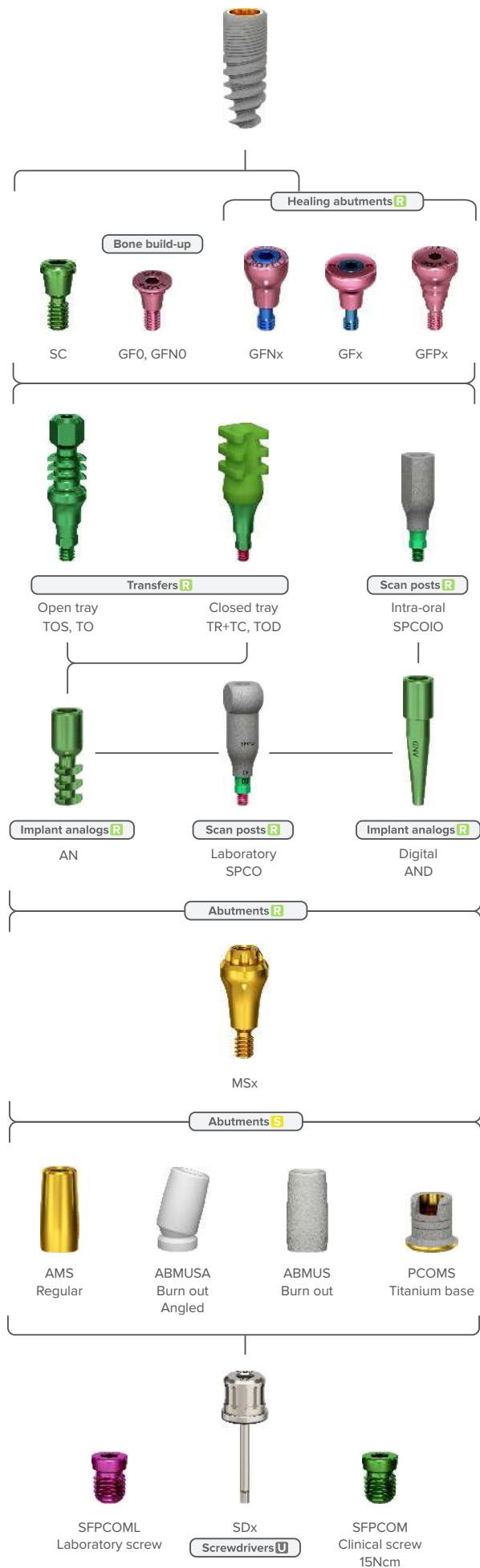
TRR-mini **R**

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.

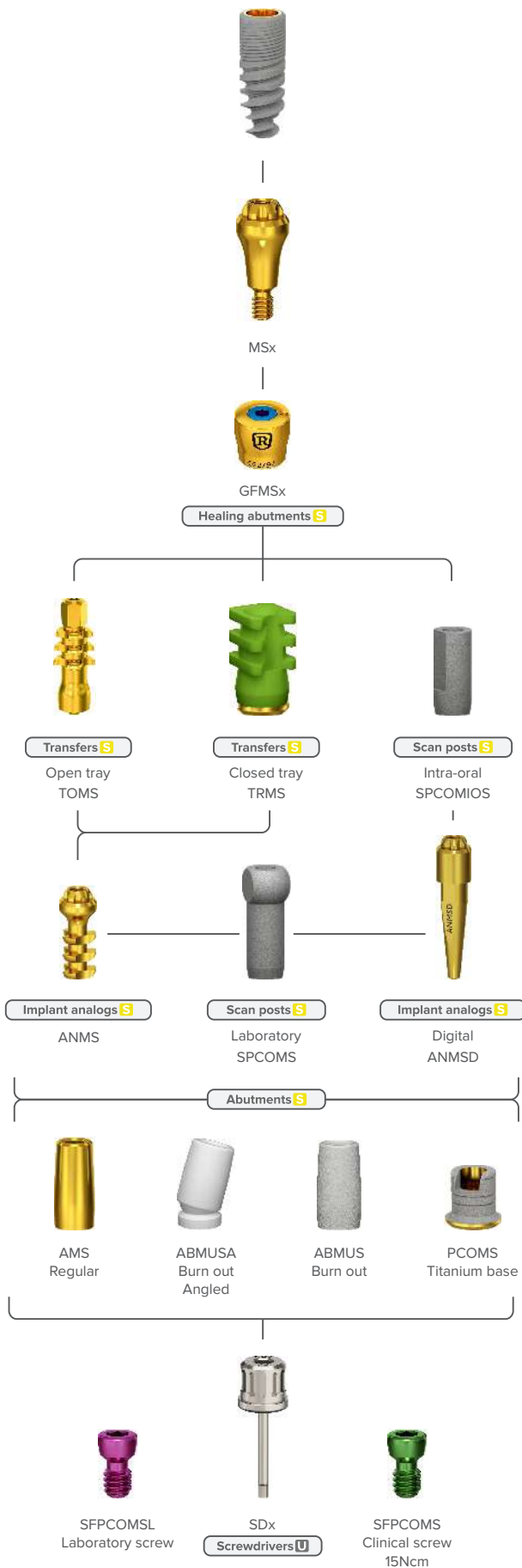
Prosthetic workflows



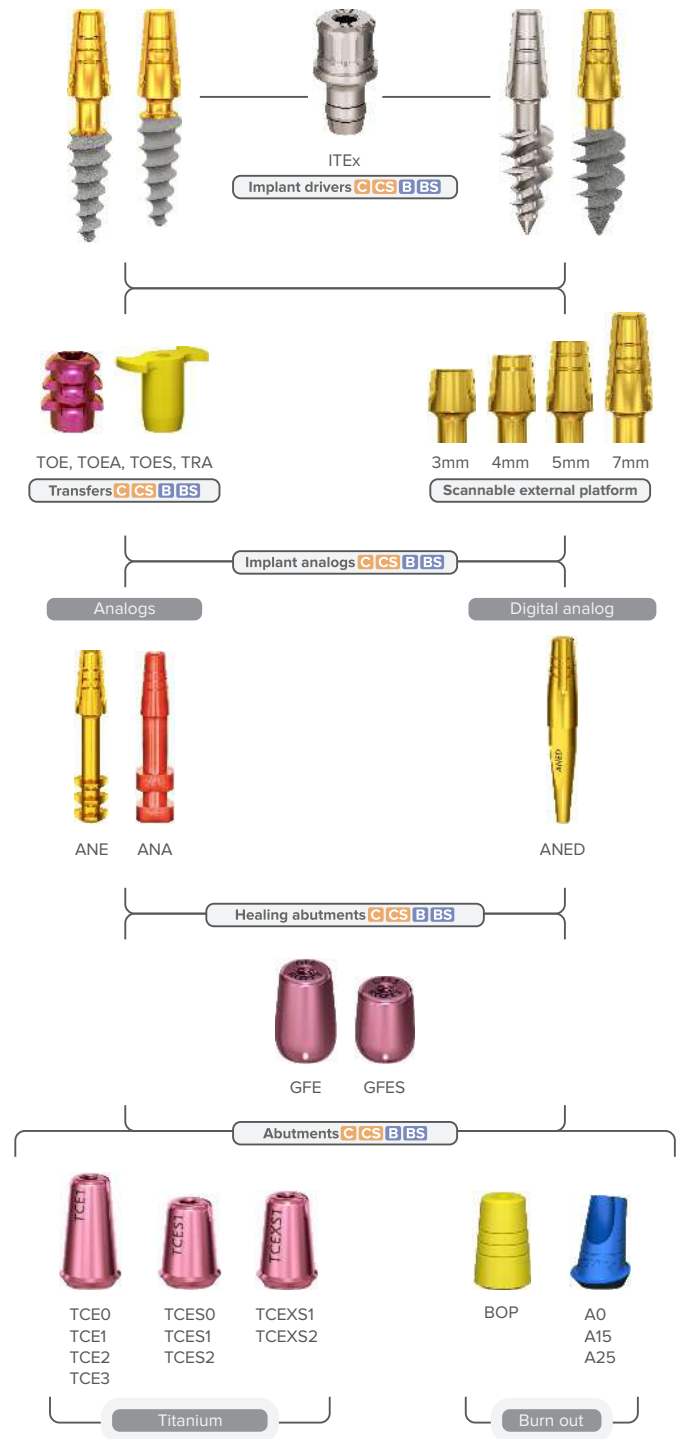


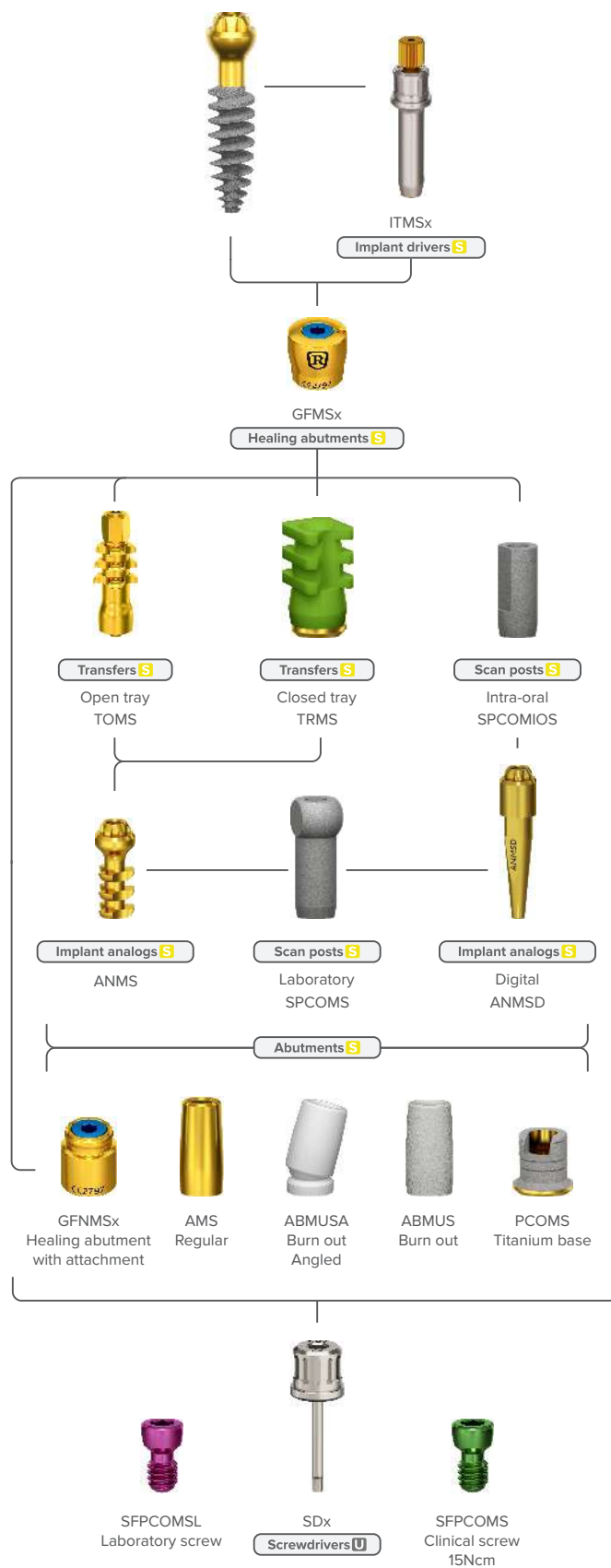
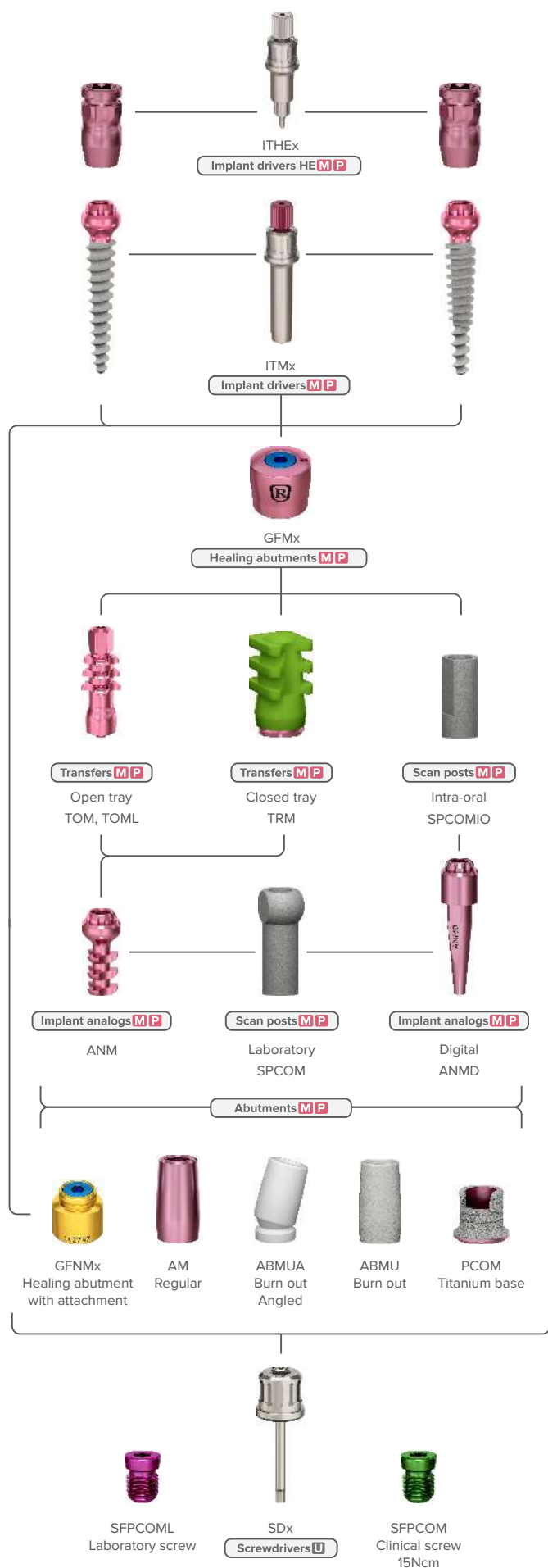


ROOTT R



ROOTT C CS





Meet the intelligence with DIGITAL SOLUTIONS

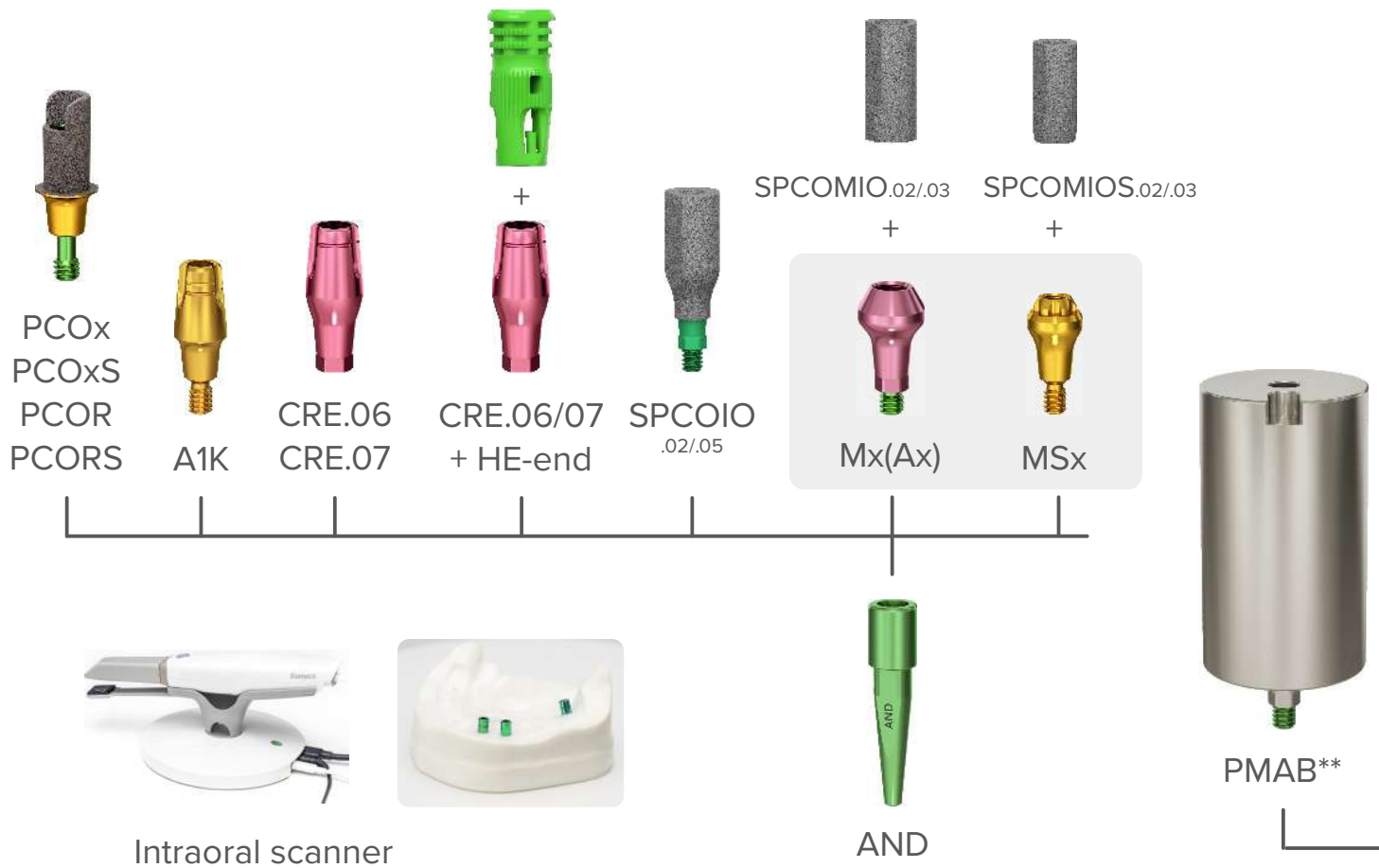
Time-efficient and accurate options enhance quality possibilities and bring the modern approach to the dental industry that dental professionals seek.

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.

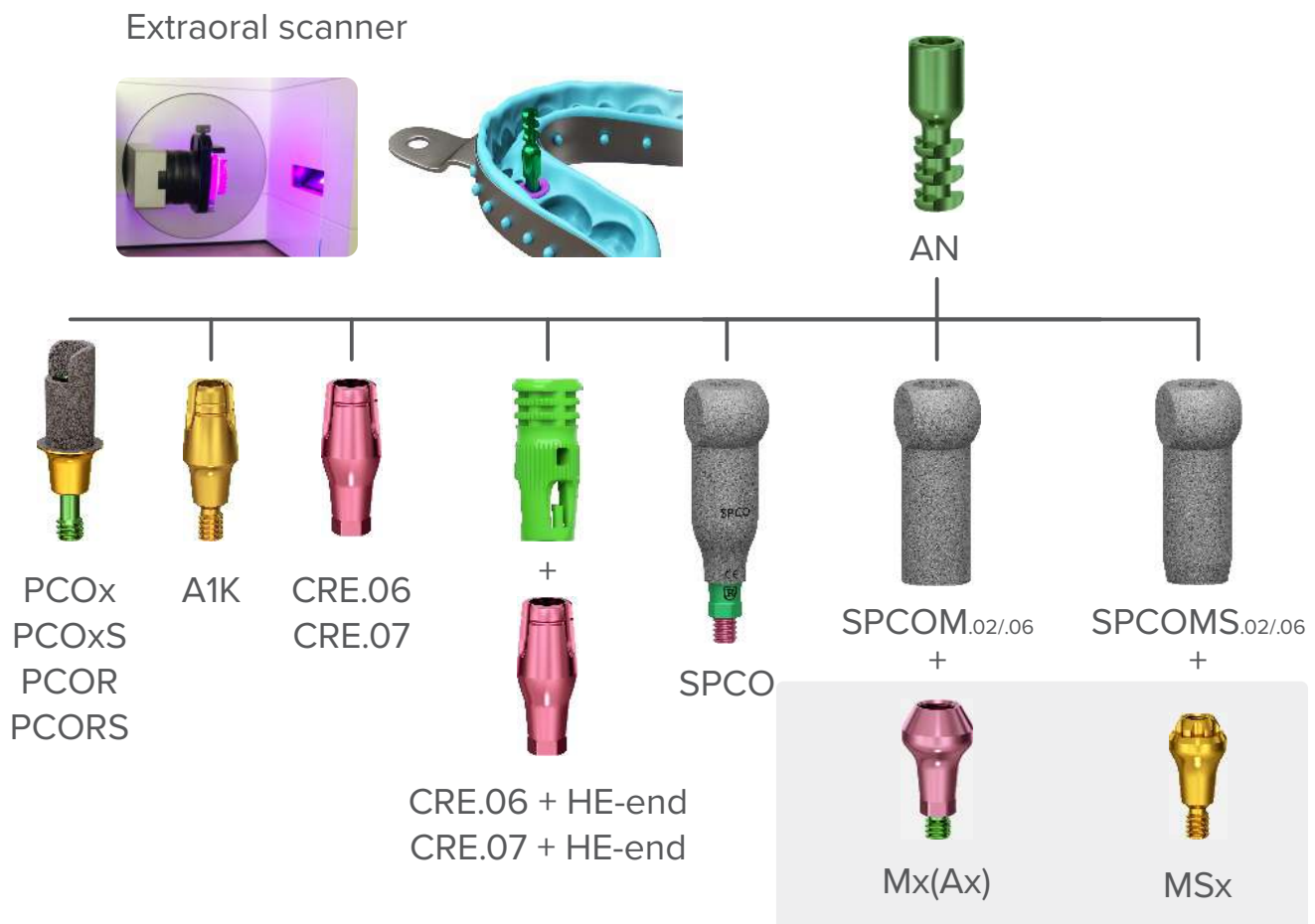


ROOTT
digital
libraries

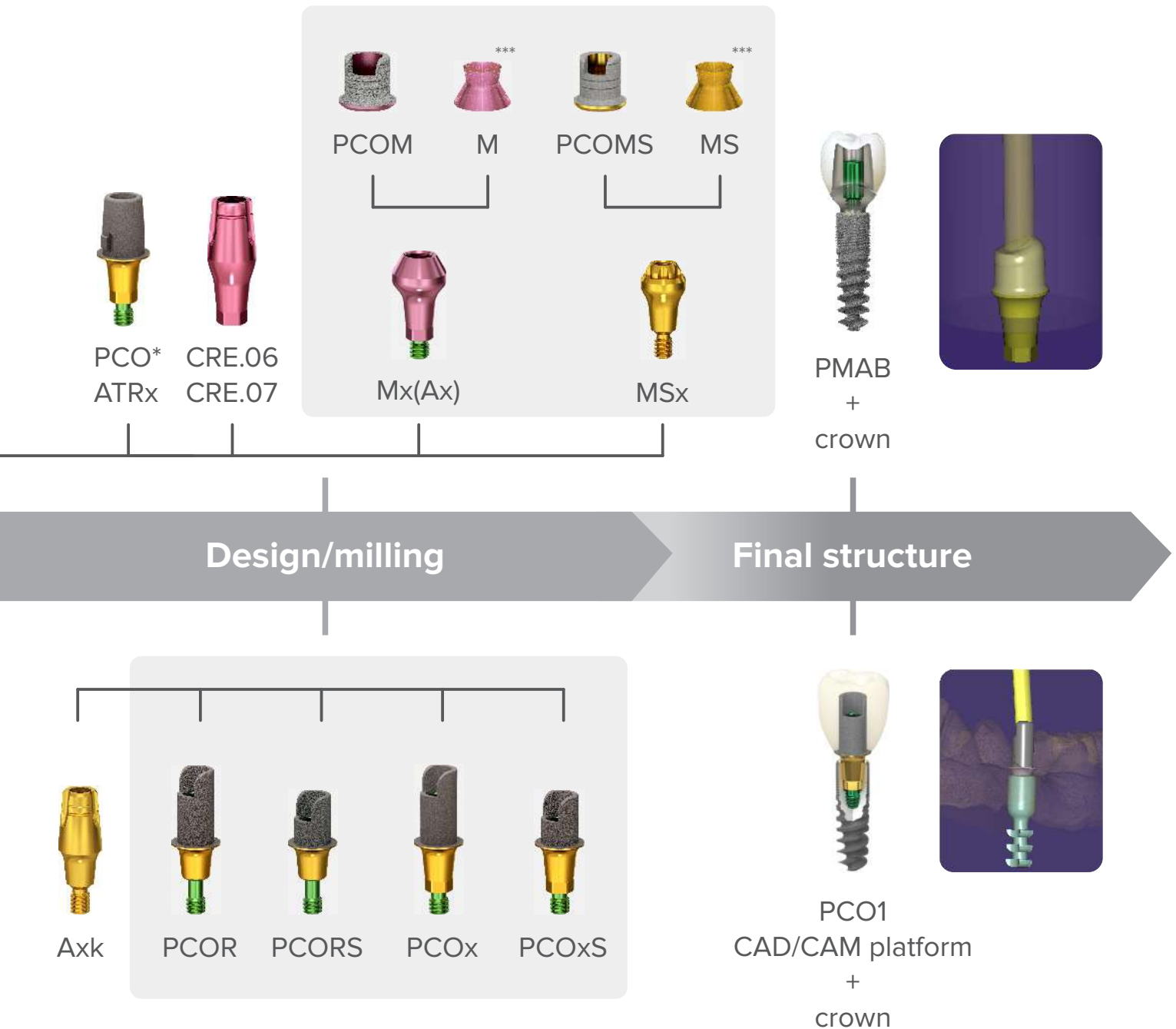




Scan/Impression



Digital workflow **ROOTT^R**



* 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.



ANED



TRA



TOES



TOEA



TOE



HE



7mm



5mm



4mm



3mm

External platform



TCE
TCES
TCEXS

Intraoral

Scan/Impression

Extraoral



ANE



ANA



TRA



TOES



TOEA



TOE



HE



7mm



5mm



4mm



3mm

External platform



TCE
TCES
TCEXS





Metal framework



Prosthesis with cement

Design/milling

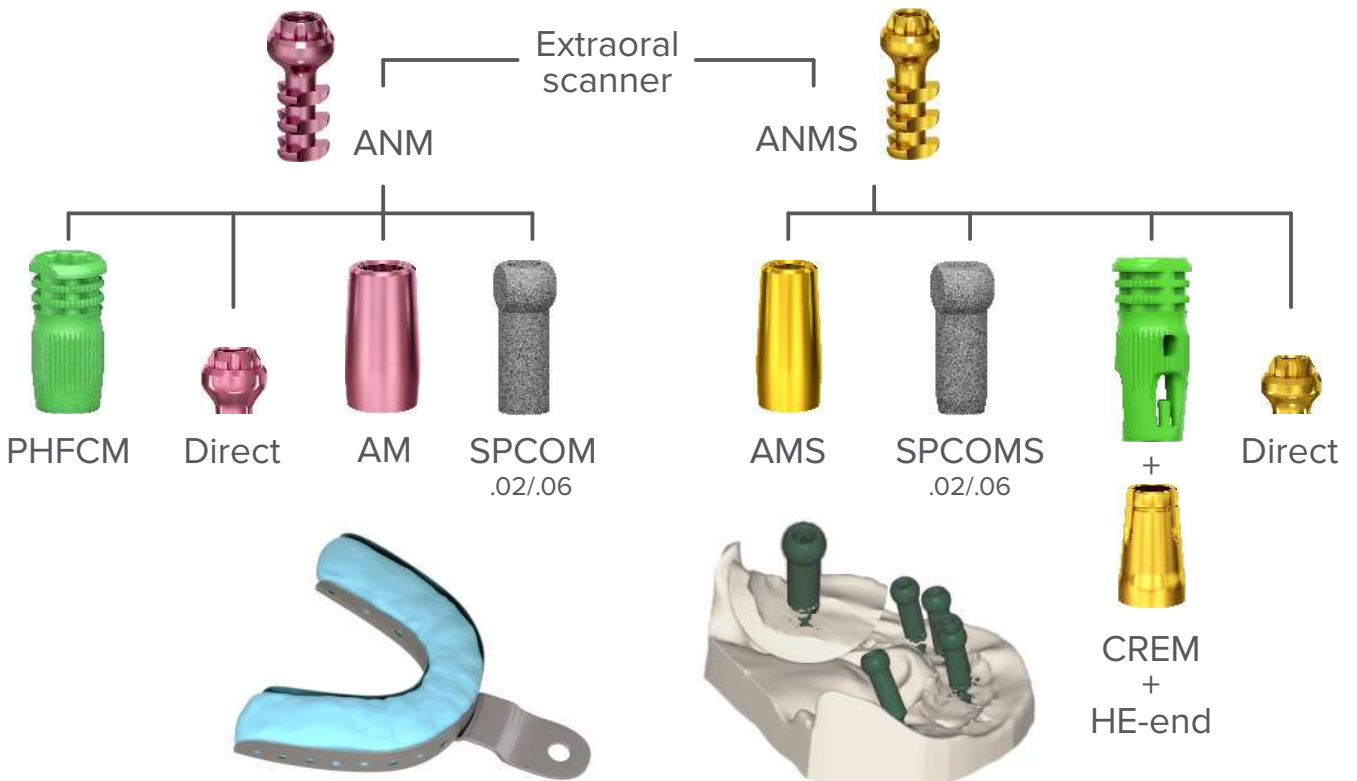
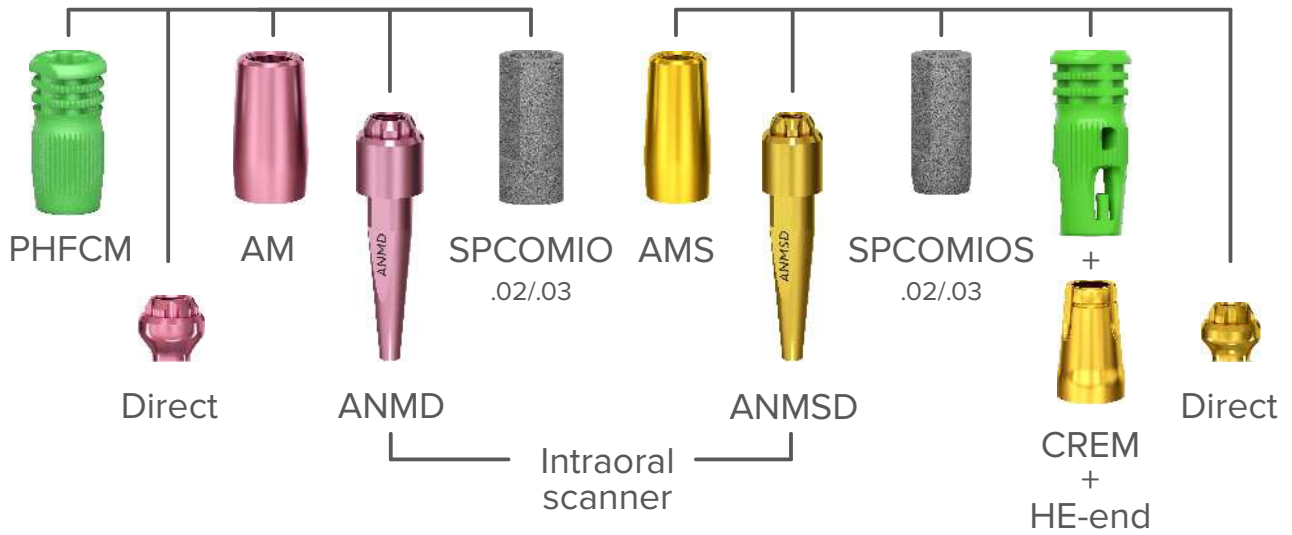
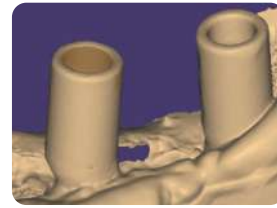
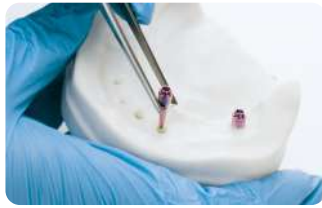
Final structure

Telescopic abutments
External platform

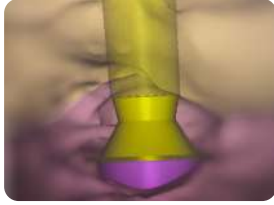


Prosthesis with
telescopic solutions





Digital workflow **ROOTT M P S**



MU digital abutment *



Metal Framework

Design/milling

Final structure

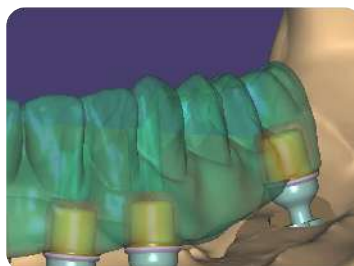
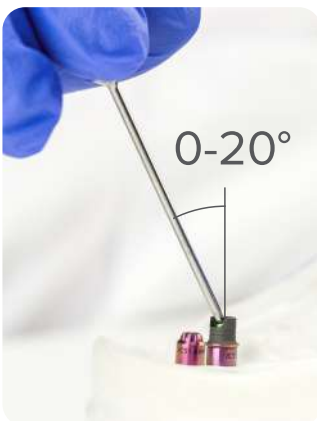
PCOM

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.

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.



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

opdeco.org

