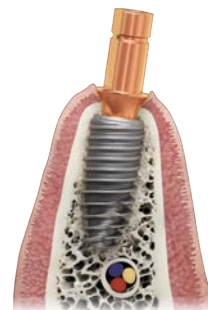


ROOTT R

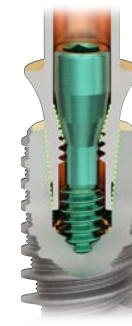
Discover the ROOTT R Viper Edition – a Pinnacle of Dental Implant Technology

This state-of-the-art implant system sets a new standard with its unparalleled stability and leak-resistant conical connection. It's designed for versatility, featuring adaptive platform switching and a passive fit connection that excels in scenarios demanding additional load capacity.

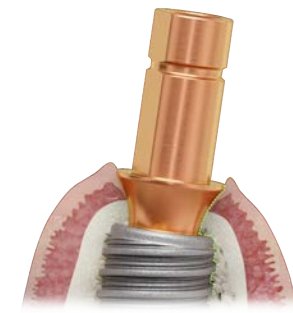
Choose ROOTT R for a future-proof, reliable implant solution



Delivers primary stability
for a predictable outcome

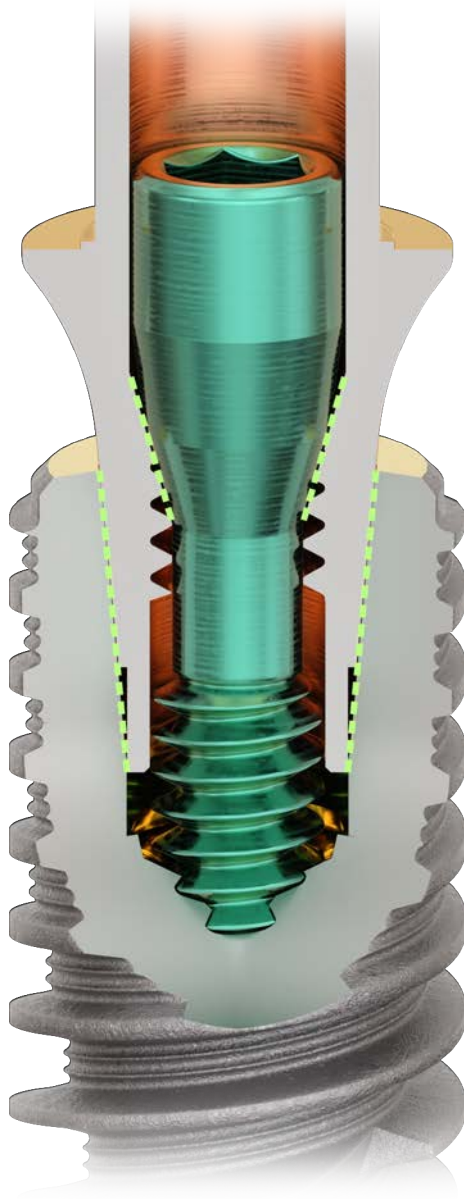


Precision-engineered conical
connection for seamless fit
and enhanced durability



Innovative platform switching
for optimal tissue preservation
and aesthetic results





ROOTT R 5° Taper Connection: Engineered for Excellence

- **Enhanced Stability & Longevity**

Precise 5° conical connection ensures optimal load distribution, secure abutment fit, and minimized micro-movements for long-term implant and bone health.

- **Simplified & Predictable Workflow**

Streamlined design facilitates accurate seating, reduces complexity, and minimizes screw loosening, leading to faster, more predictable restorations.

- **Increased Clinical Confidence & Efficiency**

Reliable biomechanical integrity, reduced inventory, and user-friendly design empower clinicians with greater confidence and simplify training.



- **One Size Fits All**

Unified One prosthetic connection for ROOTT R reduces the number of components to a minimum, optimizing the handling requirements in the daily practice.





The Unmatched Convenience of ROOTT R Implants' All-In-One Packaging

Streamlined Surgery to Prosthetics with Digital Workflow. This innovative kit includes all vital components from the cover screw to the abutment, eliminating the need for additional purchases.

Each Viper Edition implant comes with

- Cover Screw
- ZeroBoneLoss® abutment
- Fixing Screw for abutment

ZBL is available in the digital libraries for fully digital workflow

	6 mm	8 mm	10 mm	12 mm	14 mm	16 mm	18 mm	20 mm
∅ 3.0			R3010	R3012	R3014	R3016		
∅ 3.5	R3506	R3508	R3510	R3512	R3514	R3516	R3518	R3520
∅ 3.8	R3806	R3808	R3810	R3812	R3814	R3816	R3818	R3820
∅ 4.2	R4206	R4208	R4210	R4212	R4214	R4216		
∅ 4.8	R4806	R4808	R4810	R4812	R4814	R4816		
∅ 5.5	R5506	R5508	R5510	R5512	R5514			
∅ 6.5	R6506	R6508	R6510	R6512				
∅ 7.5	R7506	R7508	R7510	R7512				



Get more with every implant!

Enjoy a complimentary ZBL abutment & Cover Screw with each implant

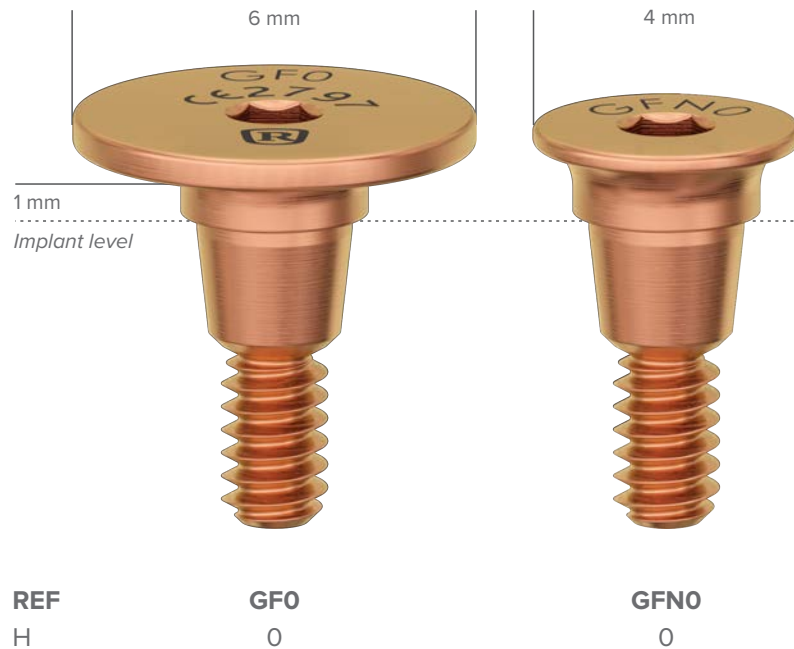


Healing Abutment: Nurturing Bone Growth and Aesthetics

Healing abutment support bone growth while preventing tissue collapse around dental implants. It maintains crestal bone integrity, supporting long-term stability.

- Promotes Crestal Bone Growth
- Prevents Tissue Collapse
- Enhances Esthetics

Discover the difference in implant dentistry!



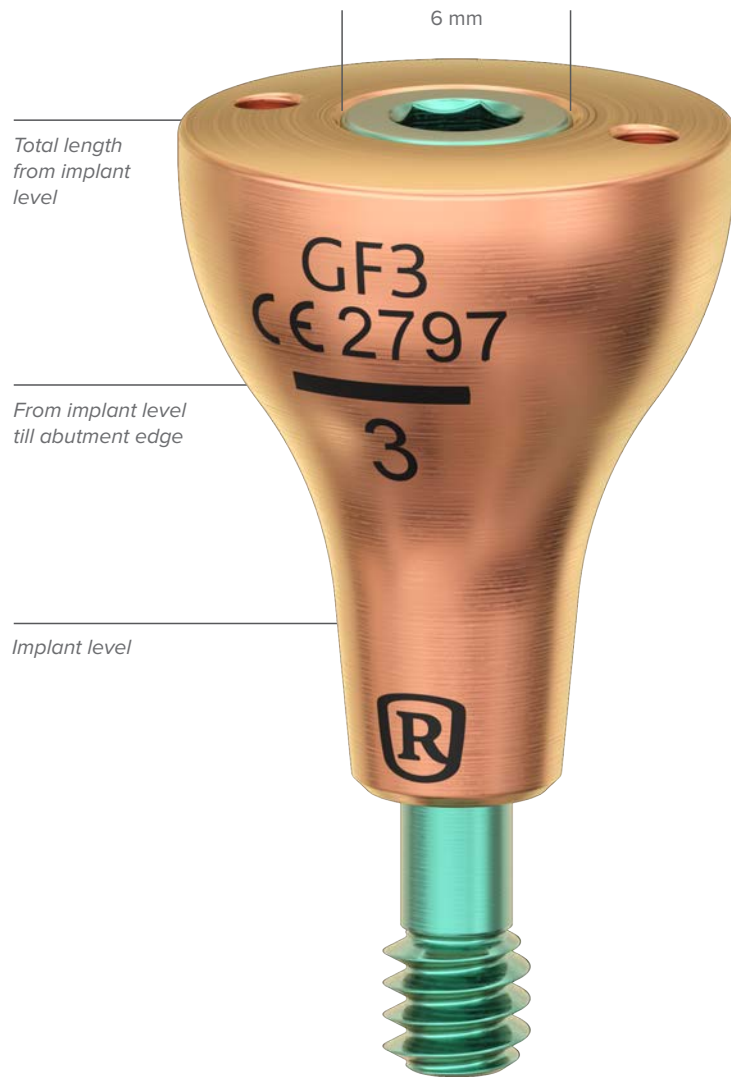
H – Gingiva height, mm

Healing Abutment Optimal Implant Care

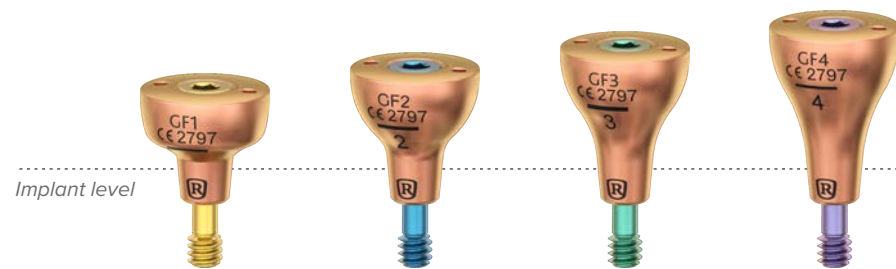
Healing abutment offer unique features that contribute to optimal implant outcomes:

- Ergonomic profile: shapes gum contours naturally
- Two-component design: minimizes force transmission
- Easy removal: threaded interior and removal tool
- Seal conical connection: prevents leakage during healing

ROOTT R healing abutments elevate implant care with precision and innovation



L – Height from implant level, mm
H – Gingiva height, mm

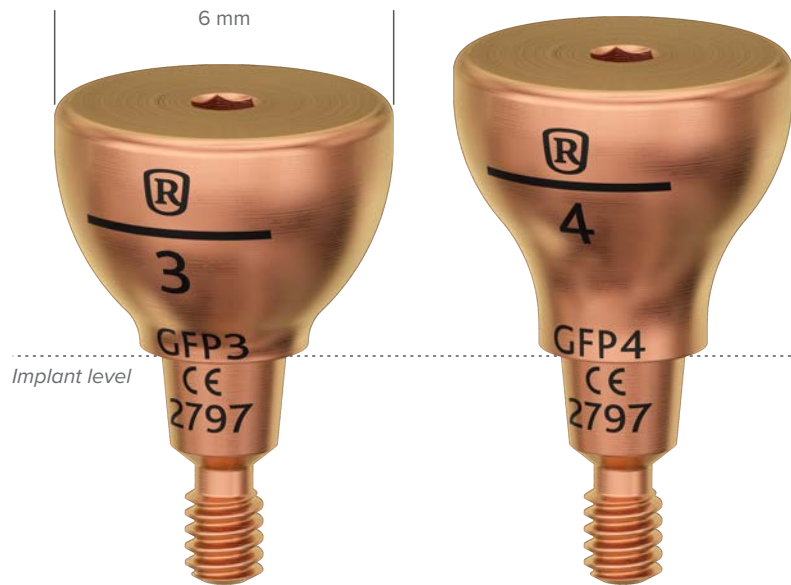


REF	GF1	GF2	GF3	GF4
L	3.5	4.5	5.5	6.5
H	1	2	3	4



Healing Abutment: Elevating Implant Care

Healing abutment is a single-component solution designed for cases where additional load is expected, and passive abutments are preferred.



REF	GFP3	GFP4
L	5.5	6.5
H	3	4

L – Height from implant level, mm
H – Gingiva height, mm

- **Passive Fit**

The abutment fits externally with a cone-shaped interface, ensuring a passive fit.

- **Bone Preservation**

By preventing bone growth on the implant shoulder, abutment maintains crestal bone integrity.

- **Ergonomic Profile**

The abutment's natural shape supports gum contouring for optimal esthetics.

Experience precision and innovation in implant care with ROOTT R healing abutments.



TransferScan® – convenience in impression, precision in scanning

The TransferScan® offers a unique combination of conventional transfer design with a specially treated surface. Whether used for intraoral scanning or laboratory scanning, it ensures precise data capture.

- **Accurate Scanning**

The TransferScan® design allows for precise digital impressions, minimizing distortion and ensuring accurate implant positioning

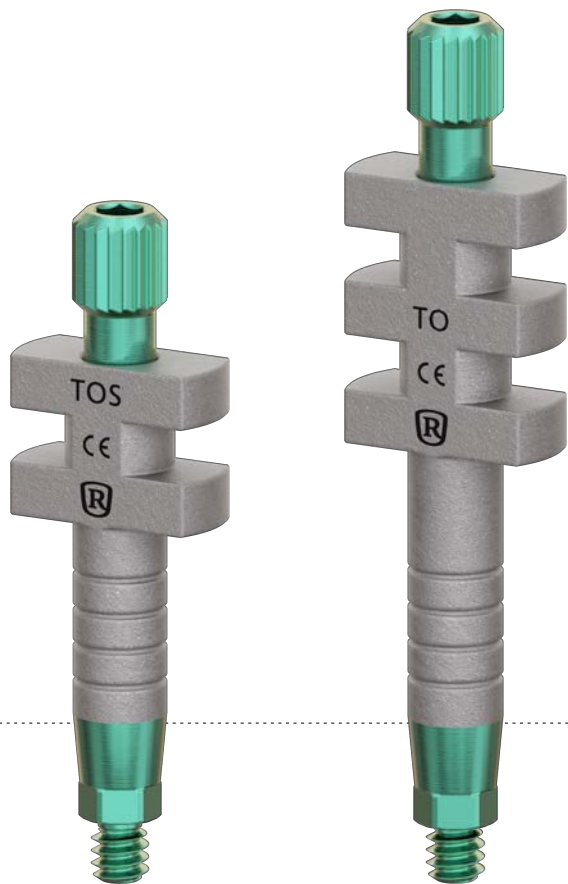
- **Efficient Workflow**

Whether in the dental office or lab, the TransferScan® streamlines the scanning process, saving time and enhancing productivity

- **Compatibility**

It seamlessly integrates with digital workflows, making it suitable for both chairside and laboratory procedures

Discover the TransferScan® advantage for reliable implant restorations!



REF
L

TOS
10

TO
15



L – Height from implant level, mm

Implant Analogue Bridging Precision and Versatility

Implant analogue, designed as an evolution of the ROOTT R implant system, seamlessly combines two critical components into one. Whether you're working with printed models or following traditional workflows with gypsum casts, the analogue offers unparalleled benefits.

- Use in digital or traditional workflows
- Tapered shape prevents micromovements
- Bottom screw ensures accuracy
- Reverse Scan Analog facilitates accurate analog model creation from digital scans

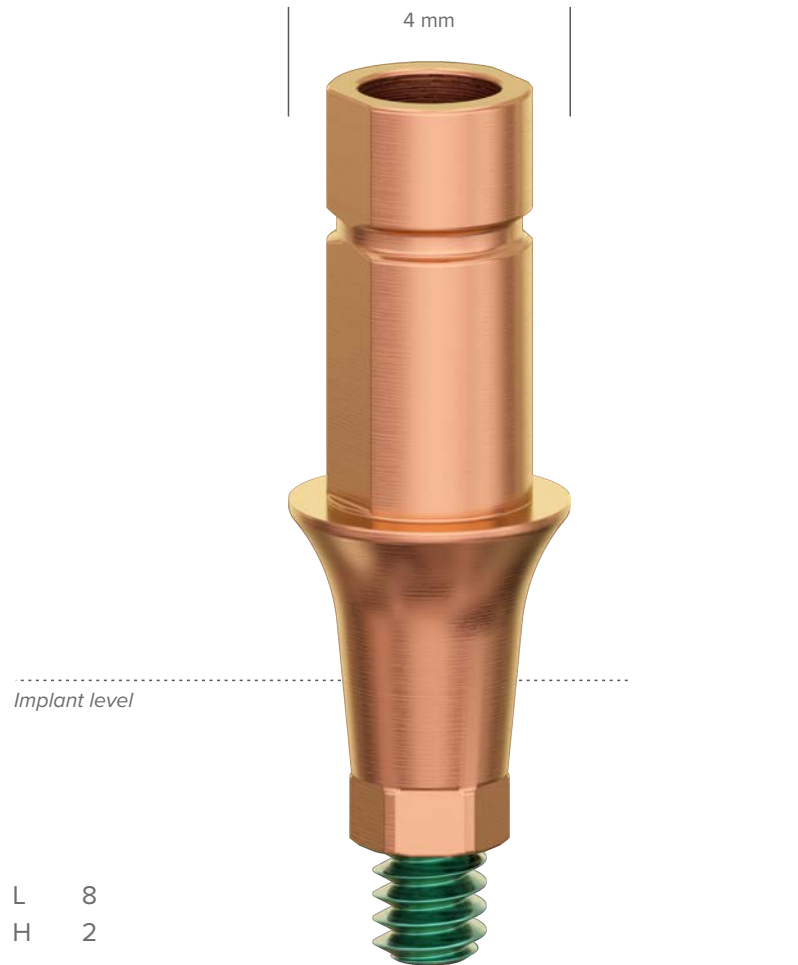
Analogue embodies adaptability, precision, and ease of use — a game-changer for implantology



REF	AN
L	12.5



L – Height from implant level, mm



Supplied with screw S8 for clinical use.
Maximum torque – 15 Ncm.



L – Height from implant level, mm
H – Gingiva height, mm

ZeroBoneLoss® abutment ensures the bone level remains unchanged over time and significantly reducing the risk of peri-implantitis

- **Optimized Soft Tissue Integration**

These abutments support a minimum of 2 mm vertical soft tissue thickness, which as described in literature is necessary to avoid bone loss and promote healthy biological width around the implant.

- **Microgap and Platform Switching Technology**

ZeroBoneLoss® abutments utilize precise implant-abutment 5 degree conical connections and platform switching to help improve aesthetic outcome, minimize micromovement, and prevent crestal bone loss.

- **Evidence-Based Protocols**

ZeroBoneLoss® abutments are backed Zero bone loss concept that address both surgical and prosthetic factors, offering predictable and reproducible outcomes for clinicians.

Viper Edition offers complimentary ZBL abutments redefining implant abutments, aesthetics, and digital workflow integration



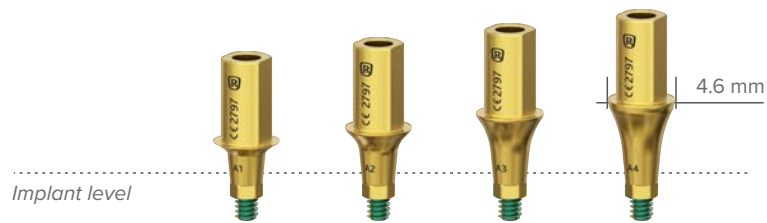
Anatomical Ti-Base abutment

The Viper Edition abutment seamlessly marries anatomical design with cutting-edge titanium-base technology, redefining implant dentistry.

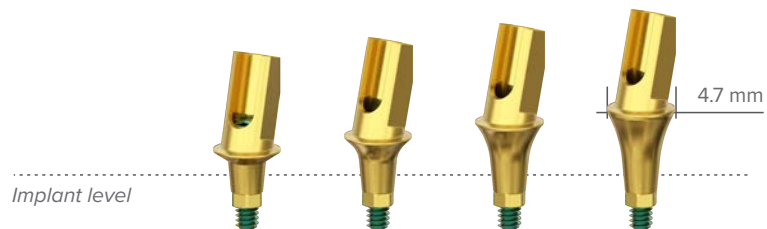
- Anatomically shaped for optimal soft tissue contours and natural aesthetics.
- Prioritizes gingival harmony, even for short gingival heights
- New conical screw design and thicker walls make it stronger
- Versatile workflow with double antirotational cuts and CAD-CAM-friendly shape

Viper Edition of anatomical abutments is a game-changer — delivering strength, aesthetics, and adaptability in one remarkable package

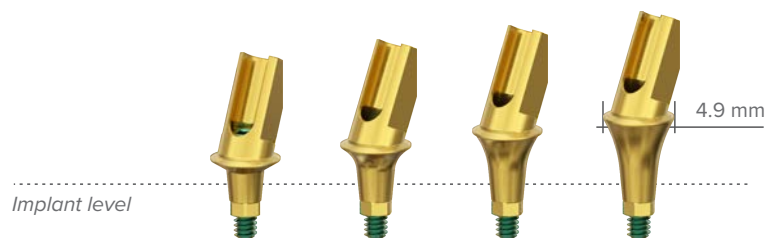




REF	A1	A2	A3	A4
L	7	8	9	10
H	1	2	3	4
Angle, °	0	0	0	0



REF	A1A15	A2A15	A3A15	A4A15
L	8	9	10	11
H	1	2	3	4
Angle, °	15	15	15	15



REF	A1A25	A2A25	A3A25	A4A25
L	8.5	9	10	11
H	1	2	3	4
Angle, °	25	25	25	25

● Enhanced Prosthetic Workflow

Streamlines restorative processes for single to complex cases. Adapts to digital workflow of 3D printing, CAD/CAM as well as traditional workflows.

● Unlock Restorative Possibilities

Compatible with diverse materials and indications. Flexibility for bridges and bars with various implant restorative options.

● Titanium Reliability

Anodized surface, high-quality, high Strength Grade 23, biocompatible base for lasting restorations.

● Patient-Focused Solutions

Focused on meeting each person's needs.

Achieve Aesthetic & Functional Excellence: Features for optimized aesthetics and emergence

L – Height from implant level, mm
H – Gingiva height, mm



Titanium Bases (Digital Abutments) – The Foundation for Precision Restorations

Engineered for a secure and versatile connection between the implant fixture and the final prosthesis. Our titanium bases, also known as digital abutments, are meticulously crafted to optimize prosthetic workflows and deliver exceptional results.

- **Enhanced Prosthetic Grip**

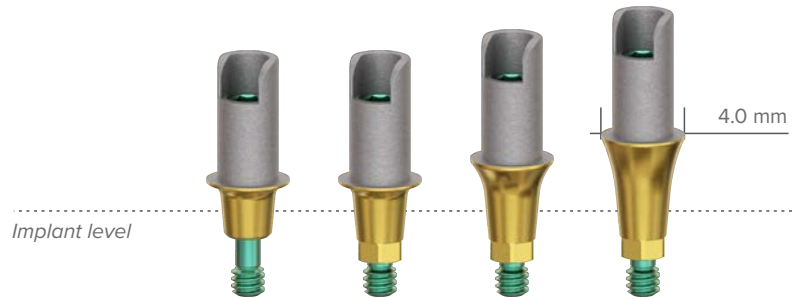
The precisely blasted surface provides superior retention for both cemented and screw-retained restorations, ensuring a stable and long-lasting connection of crowns and bridges.

- **Angled Screw Access for Optimal Aesthetics**

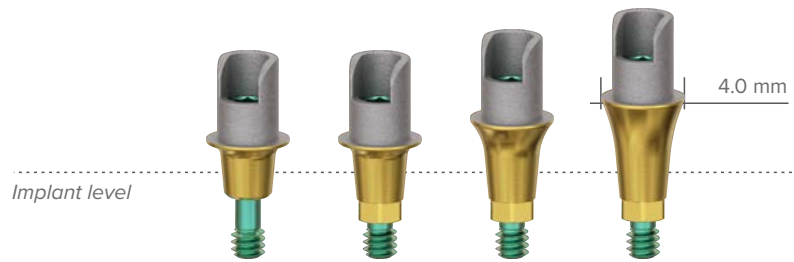
Featuring an innovative lateral screw channel with up to 20° angulation, these bases allow for convenient screw access without compromising the aesthetic outcome, particularly crucial in anterior cases. This enables clinicians to achieve ideal emergence profiles and natural-looking restorations.



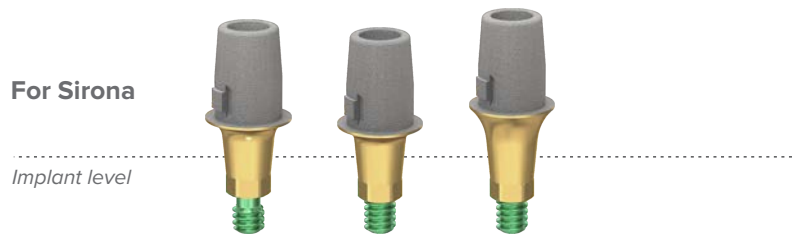
Titanium bases with Angulated Screw Channel



REF	PCOR	PCO1	PCO2	PCO3
L	7	7	8	9
H	1	1	2	3
Index	-	+	+	+



REF	PCORS	PCO1S	PCO2S	PCO3S
L	5	5	6	7
H	1	1	2	3
Index	-	+	+	+



REF	PCO	ATR1	ATR2
L	7.0	5.7	6.2
H	2.5	1	1.5

- Reliable and predictable prosthetic workflows
- Enhanced retention and stability of final restorations
- Improved aesthetic outcomes with angled screw access
- High-quality titanium construction for biocompatibility and durability

Elevate your implant restorations with the precision and versatility of our titanium bases!

L – Height from implant level, mm

H – Gingiva height, mm

ROOTT R Multi-Unit Abutments – Versatile Solutions for Complex Implant Restorations

Platform-specific connectors designed to simplify and enhance the creation of multiple-unit prostheses (single crowns, bridges, overdentures) on dental implants. ROOTT R Multi-Unit Abutments offer exceptional versatility and strength for predictable and long-lasting results.

- **Unmatched Restorative Versatility**

These abutments are engineered to accommodate a wide range of prosthetic options, including screw-retained, cement-retained, and attachment-retained restorations, providing flexibility for diverse clinical needs.

- **Significant Angulation Correction**

With the ability to compensate for implant angulation discrepancies up to 75°, ROOTT R Multi-Unit Abutments ensure optimal prosthetic alignment, even in challenging implant placements, leading to improved aesthetics and function.

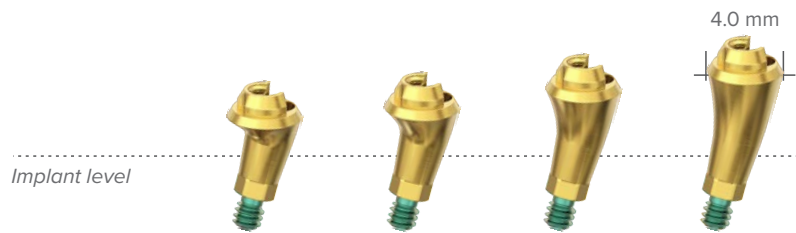
- **Secure and Durable Fixation**

Featuring a strong 1.8 mm screw, these abutments guarantee secure retention of the prosthetic superstructure, minimizing the risk of loosening and ensuring long-term stability and patient satisfaction.



SFM6 SLFM6



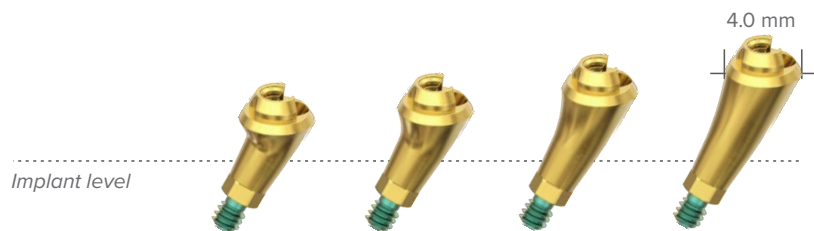


REF	M1A15	M2A15	M3A15	M4A15
L	3.3	3.8	4.8	5.8
H	1	2	3	4
Angle, °	15	15	15	15



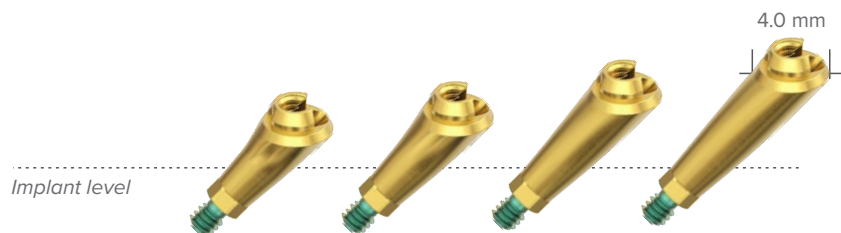
REF	M1	M2	M3	M4
L	2.9	3.4	4.4	5.4
H	1	2	3	4
Angle, °	0	0	0	0

For M1-M4 abutments
placement ITMx implant
driver is required



REF	M1A30	M2A30	M3A30	M4A30
L	3.8	4.3	5.5	6.6
H	1	2	3	4
Angle, °	30	30	30	30

- Flexibility in planning and executing complex restorations
- Effective correction of implant angulation for optimal outcome
- Reliable and durable connections for long-term success
- A streamlined workflow for multiple-unit restorations



REF	M1A45	M2A45	M3A45	M4A45
L	4.7	5.4	6.9	8.3
H	1	2	3	4
Angle, °	45	45	45	45

Experience the strength, versatility, and efficiency of ROOTT R Multi-Unit Abutments for predictable and successful implant-supported restorations!

L – Height from implant level, mm
H – Gingiva height, mm



ROOTT R Attachment-Retained Abutments: Empowering Stability and Comfort in Overdentures

The definitive solution for secure, comfortable, and long-lasting attachment-retained restorations. ROOTT R Abutments are meticulously engineered to provide exceptional stability and ease of use for both clinicians and patients.

- **Unwavering Secure Retention**

Optimal grip provides confidence and security for denture wearers.

- **Simplified Maintenance & Adjustments**

Self-aligning design for easy insertion, removal, and maintenance.

- **Enhanced Patient Comfort & Natural Feel**

Resilient nylon inserts absorb forces and minimize wear.

- **Superior Long-Term Durability**

TiN coating enhances wear resistance for lasting reliability.

Choose ROOTT R Attachment-Retained Abutments for predictable outcomes and happy, confident patients!



REF	B1	B2	B3	B4
L	4.3	5.2	6.2	7.2
H	1	2	3	4



REF	BCW	BCP	BCY	HBC
	Retention insert, standart, 1800g	Retention insert, soft, 1200g	Retention insert, extra soft, 600g	Matrix housing

L – Height from implant level, mm
H – Gingiva height, mm

● **Ultra-Compact Design**

The smallest attachment system, with height options to choose from and small diameter, ideal for limited inter-arch space.

● **Flexible Retention**

Offers different inserts with three retention levels for personalized stability and easy chairside/lab adjustments.

● **Passive Fit Innovation**

Pivoting mechanism and rotational core allows passive insertion with up to 40° implant divergence.

● **Premium Engineering**

Durable titanium housing with TiN coating and stainless-steel core for biocompatibility and longevity.

Elevate your restorative practice and patient satisfaction with ROOTT R Attachment-Retained Abutments!



Telescopic Abutment: The Future of Cementless Implant Restorations

Experience a revolutionary approach to implant-supported restorations with Telescopic Abutments. Embrace a simplified, cementless workflow that prioritizes precision and stability.

- **Unmatched Frictional Retention**

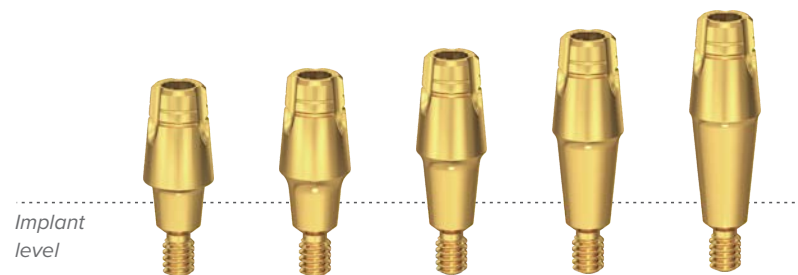
Utilizing a known cone-in-cone connection, abutments achieve secure and reliable retention of implant-supported copings without the need for screws or cement, eliminating potential complications associated with these traditional methods.

- **Significantly Streamlined Workflow**

Conometric technology minimizes the need for complex modifications and procedures, simplifying the restorative process, ensuring ease of use, and promoting predictable, efficient outcomes.

- **Functional Stability with Uncompromising Simplicity**

Telescopic Abutments deliver exceptional functional stability for the final restoration while maintaining an inherently simple and user-friendly design, representing a true advancement in implant dentistry.



REF	A05K	A1K	A2K	A3K	A4K
L	6	6.5	7.5	8.5	9.5
H	0.5	1	2	3	4
Angle, °	0	0	0	0	0



REF	A1A15K	A2A15K	A3A15K
L	6.9	7.9	8.9
H	1.5	2	3
Angle, °	15	15	15

Abutments for telescopic fixation



REF	TCK0	TCK1	TCK2	TCK3
Full height, mm	6.3	6.3	6.3	6.3
H	0	1	2	3

● **Healthier Peri-Implant Tissues**

No cement, no risk of residual cement, a major contributor to peri-implantitis.

● **Streamlined Workflow**

Offers a simpler and more efficient prosthetic process for clinicians.

● **Secure & Stable Connections**

Achieves reliable retention through innovative friction-fit or screw-retained designs without any cementation.

● **Digital Dentistry Compatible**

Integrates seamlessly with digital workflows and modern materials.

● **Versatile Applications**

Supports a range of prosthetic treatment options from single-tooth and multi-unit restorations.

L – Height from implant level, mm

H – Gingiva height, mm

Introducing ROOTT R Premilled Blanks: The Foundation for Exquisite Custom Abutments

Elevate your restorative practice with ROOTT R Premilled Blanks, the cornerstone for creating highly precise and patient-specific custom abutments.

- **Uncompromising Fit**

High-grade titanium alloy blanks with pre-machined, ultra-precise implant connections.

- **Esthetic & Comfortable**

Ideal for creating custom abutments that perfectly match natural gum lines.

- **Simplified Care**

Enables easier cleaning and adjustments for long-term patient satisfaction.

- **Healthier Outcomes**

Minimizes micro-movements and wear, improving peri-implant health.

Unlock the potential for truly personalized and exceptional implant restorations with ROOTT R Premilled Blanks



REF

PMAB

PMAB-A

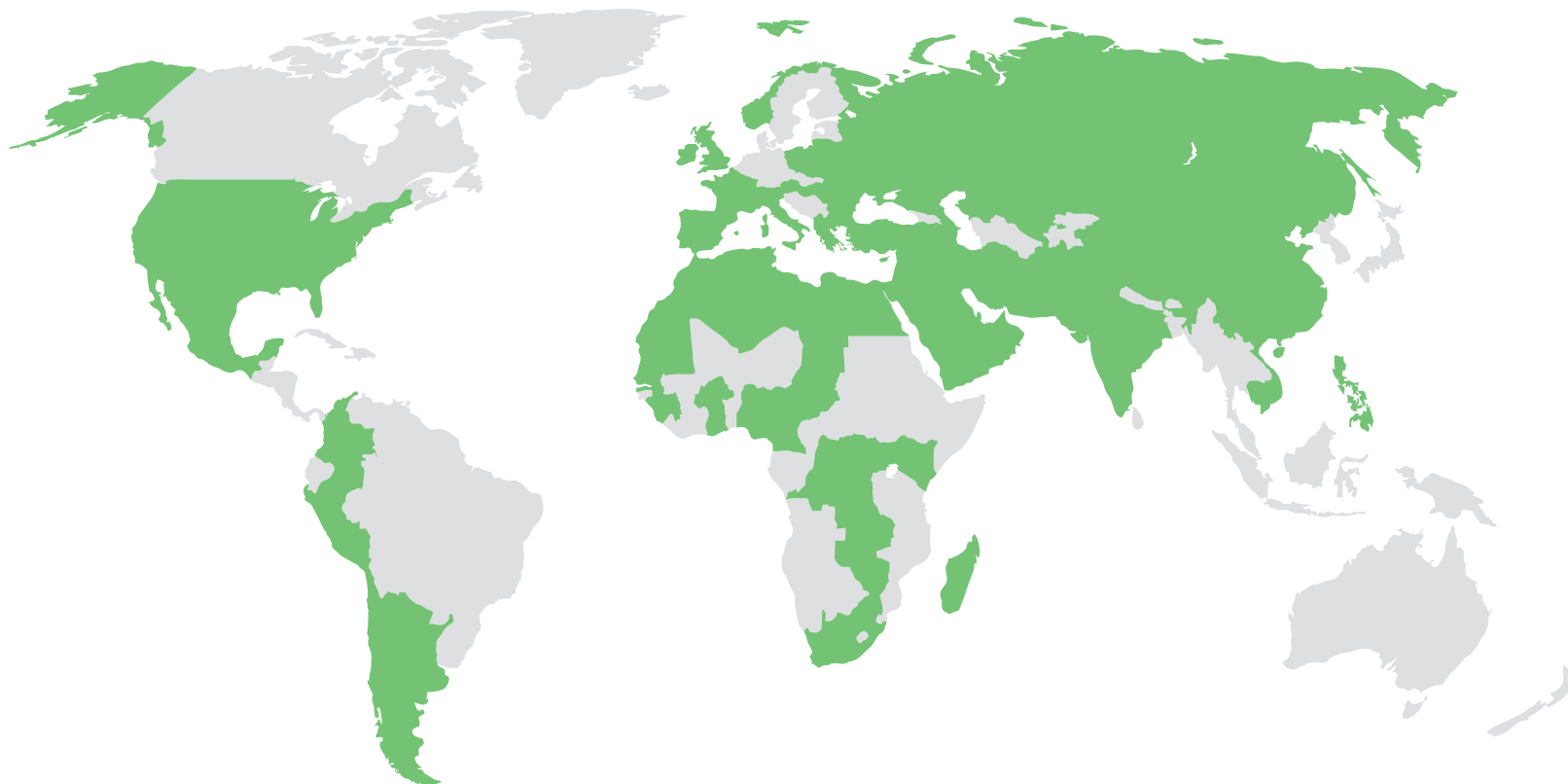


Supplied with two screws:
for laboratory use (pink)
for clinical use (green)

Maximum torque – 15 Ncm



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