

antmed

N.B **SERIES**

Dental Implant System

Enhanced Stability
Confident Implantation



Group Overview

Shenzhen Antmed Co., Ltd. was founded in 2000 and is a global medical technology company specializing in the R&D, manufacturing, sales, and service of innovative medical devices.

With over 25 years of experience in medical innovation, Antmed has established a comprehensive global operation system supported by advanced manufacturing capabilities, strict quality management, and worldwide service networks.

The company operates four wholly-owned manufacturing bases located in the Greater Shenzhen Area and Malaysia, enabling comprehensive management from product development to intelligent manufacturing and global delivery.

Since entering the dental field in 2008, Antmed has consistently invested in dental implant technologies and digital dentistry solutions. Leveraging its expertise in precision manufacturing and medical innovation, Antmed is committed to delivering reliable dental solutions to clinicians worldwide.



ShenZhen China



DongGuan China



DongGuan China



Negeri Sembilan Malaysia

About Antdental

Established in 2017 as a wholly-owned subsidiary of Antmed Group, Guangdong Antdental Co., Ltd. specializes in dental implant systems and digital dentistry solutions, integrating R&D, manufacturing, sales, and professional services.

Antmed entered the dental implant field in 2008 and established a strategic partnership with A.K.TEK GmbH in 2010. By integrating German implant design concepts with advanced manufacturing technologies, Antdental has continuously developed reliable and clinically oriented implant solutions.

In 2014, The first implant system obtained CFDA certification, marking an important milestone in its commercialization journey. Over the years, the company has expanded its product portfolio to cover implant systems, prosthetic components, surgical instruments, digital solutions, and customized restoration solutions.

With advanced manufacturing capabilities, strict quality control systems, and continuous innovation, Antdental is committed to providing clinicians with efficient, precise, and comprehensive implant solutions.



Premium Materials

Long-Lasting Reliability



High-Strength Implant Material

Cold-worked titanium, increases material strength by approximately 30%, ensuring long-term stability



Original Precision Component System

Ultra-low interstitial titanium alloy for precise fit, effectively preventing micromovement, wear and mechanical failure



Enhanced Stability Confident Implantation



Tapered bone compression design

Enhances primary stability in various bone conditions



Reverse tapered neck design

Minimizes crestal bone stress and optimizes soft tissue esthetics



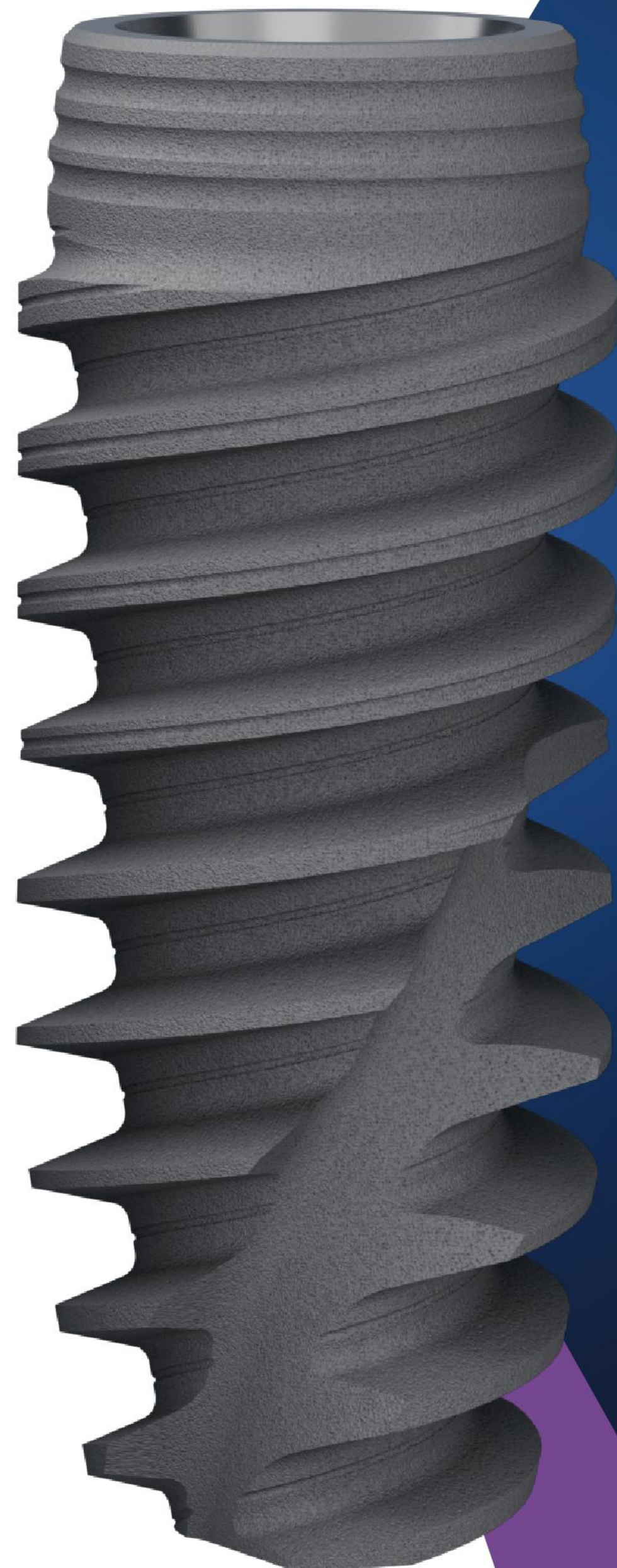
Apex reverse cutting flutes

Efficient cutting with precise intraoperative adjustment



Optimized thread design

Ensures efficient cutting and reliable stability in various bone conditions



D-SLA Pure Titanium Surface Technology

Redefining Osseointegration



Higher Purity

100% pure titanium.
Superior biocompatibility.



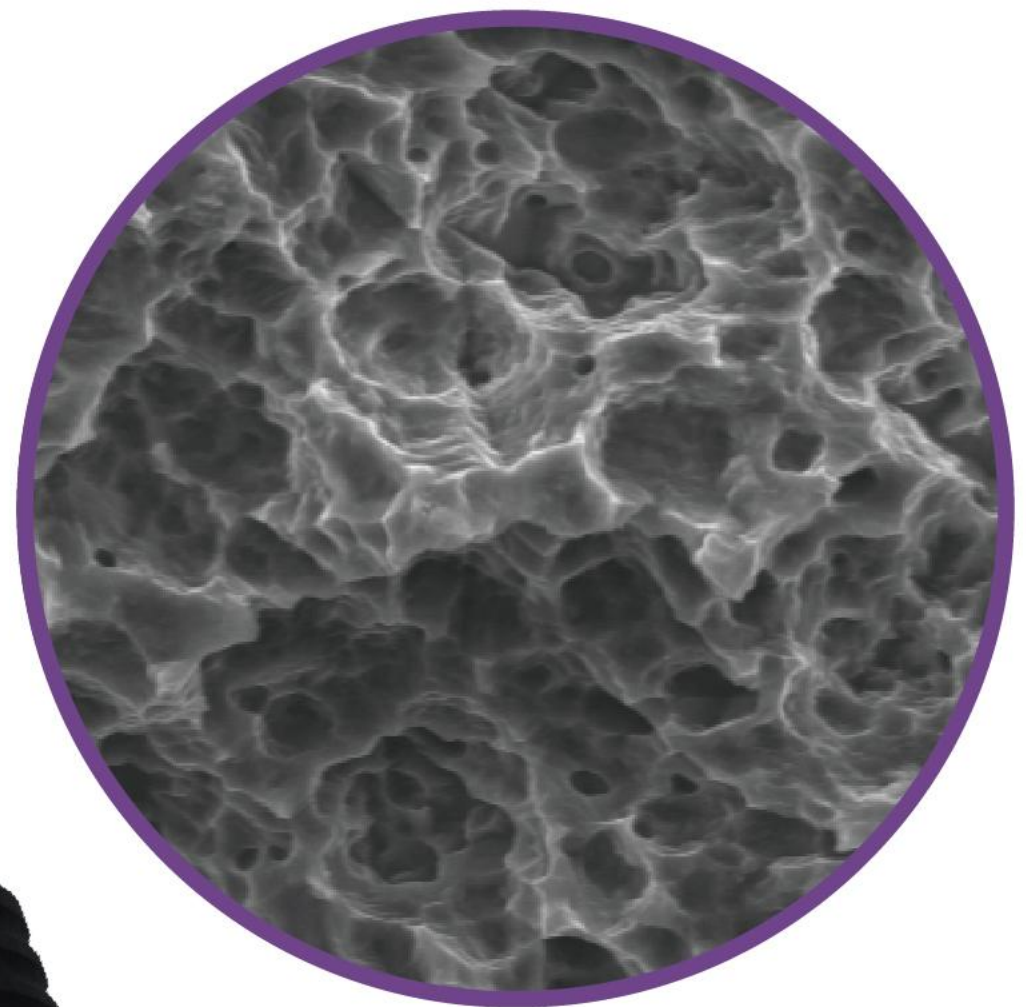
Safer

Spherical sandblasting, 16-step
cleaning. Zero contamination.



Stronger

Optimized microstructure.
Stronger osseointegration.



Touch-free Packaging Sterility Locked in One Step



Source cleanliness

contact-free production to packaging,
no contaminants or impurities



Process safety

internal fixation design, no
friction or vibration during transport

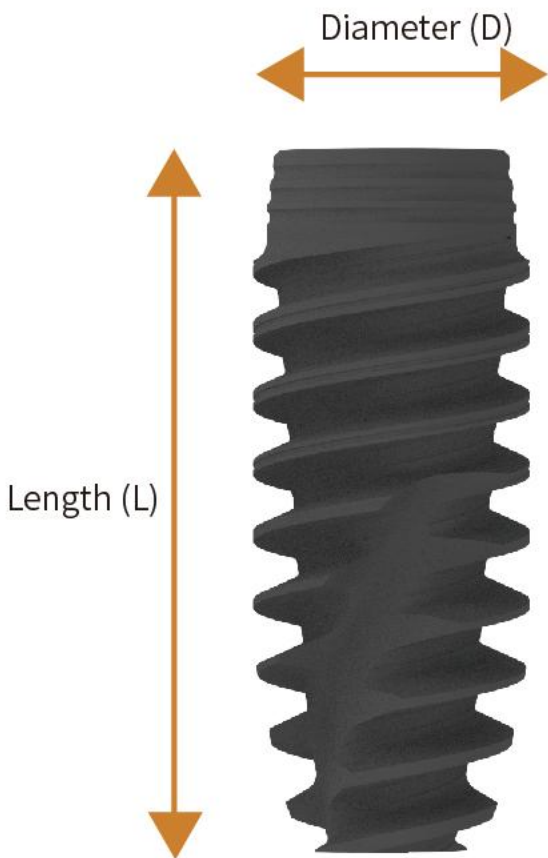


Intraoperative efficiency

integrated quick-open
design for faster transfer



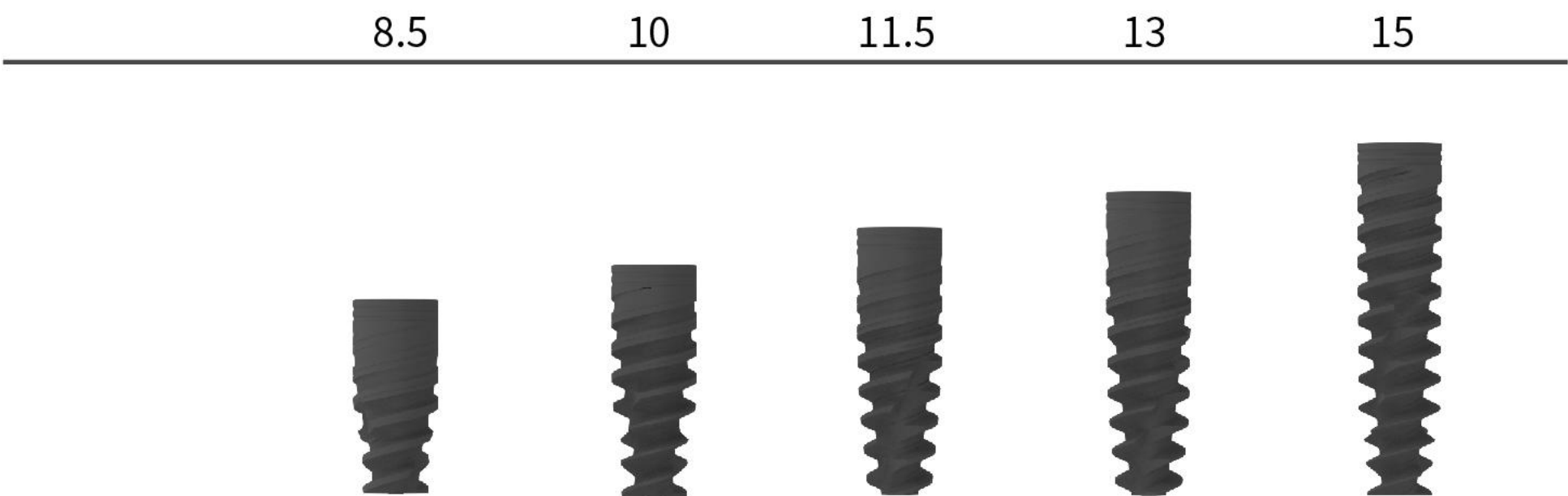
Dental Implant



- Package : Dental Implant *1, Cover Screw*1 (H: 0.4 mm)
- Material: Dental Implant: Medical-grade pure titanium (TA4)
- Recommended Implant Insertion Torque: $\leq 45 \text{ N} \cdot \text{cm}$
- Recommended Cover Screw Tightening: 5–10 N·cm

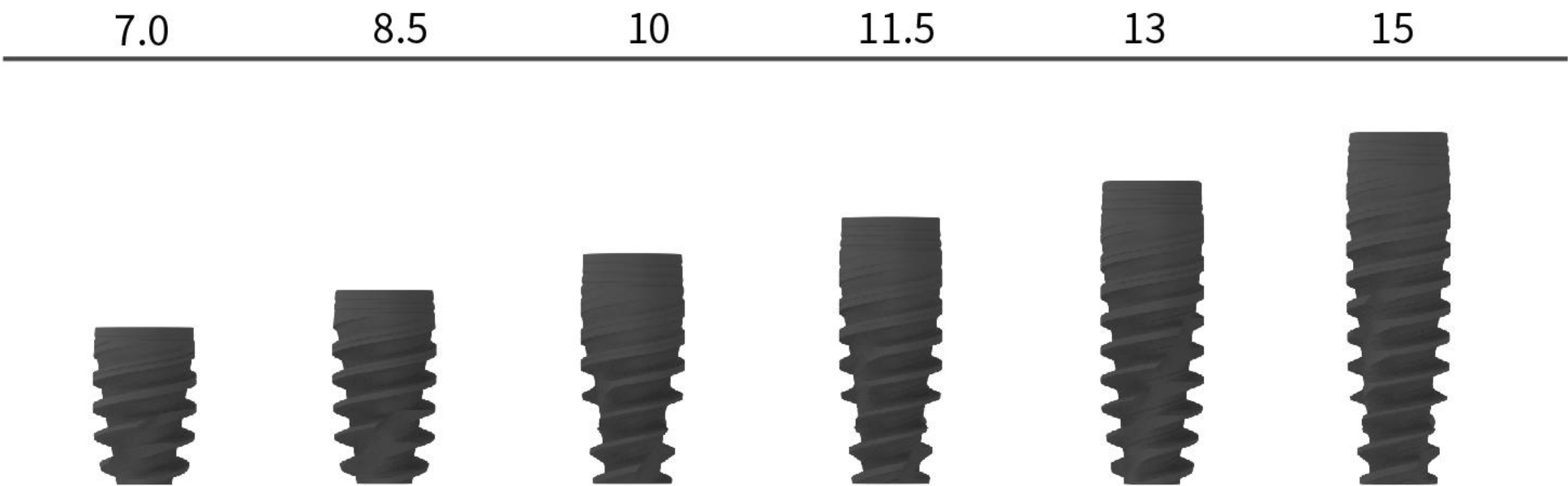
Diameter: 3.5mm Platform: Regular

Code	Length/mm
K301100021-001	8.5
K301100021-002	10.0
K301100021-003	11.5
K301100021-004	13.0
K301100021-005	15.0



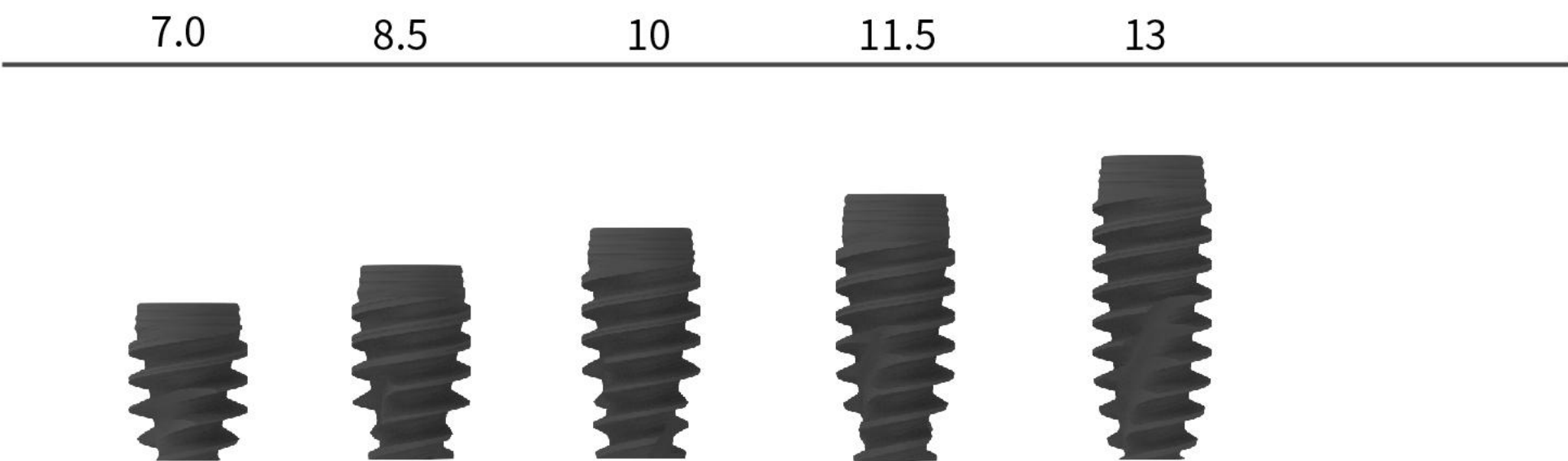
Diameter: 4.3mm Platform: Regular

Code	Length/mm
K301100022-001	7.0
K301100022-002	8.5
K301100022-003	10.0
K301100022-004	11.5
K301100022-005	13.0
K301100022-006	15.0



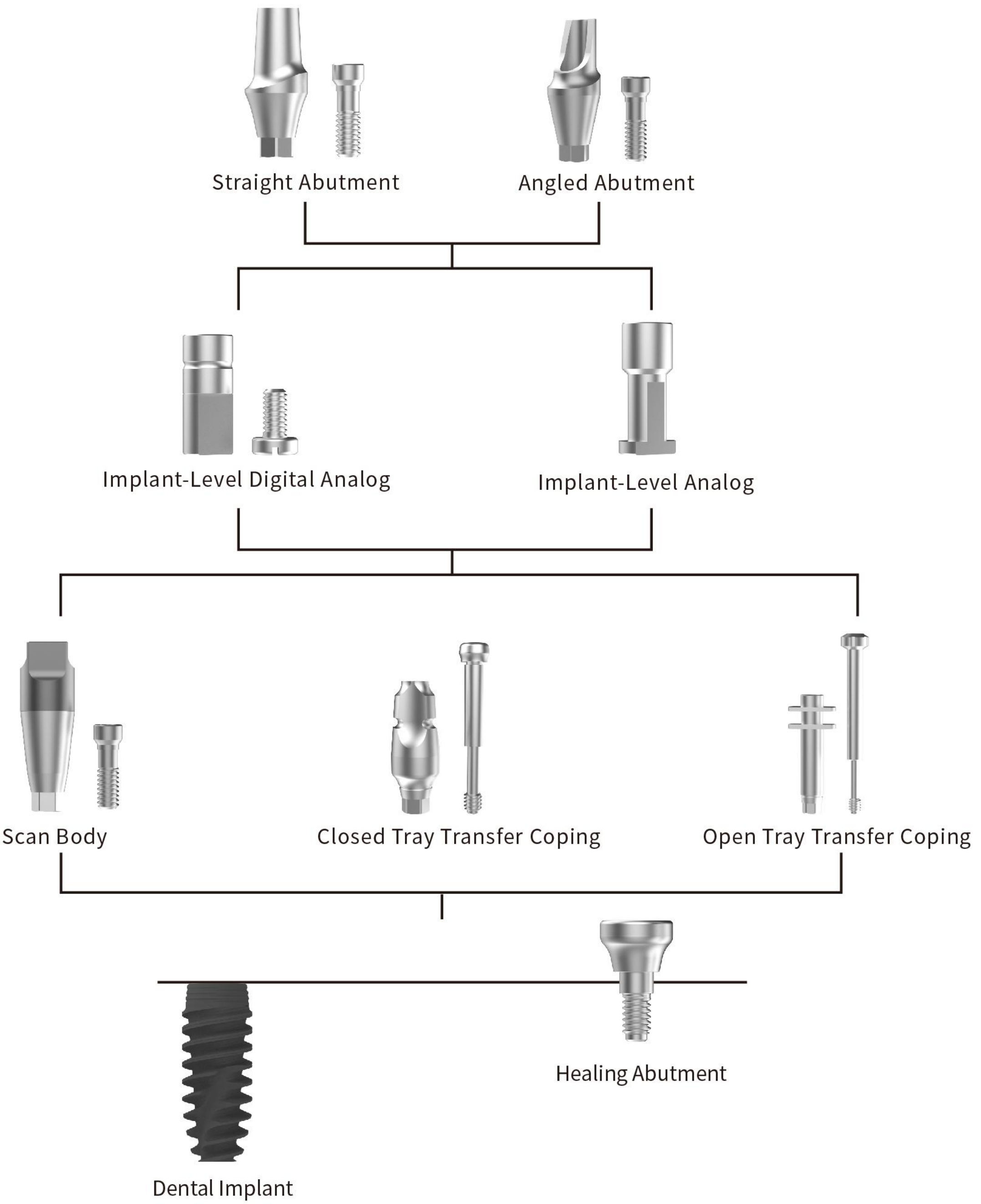
Diameter: 5.0mm Platform: Regular

Code	Length/mm
K301100022-007	7.0
K301100022-008	8.5
K301100022-009	10.0
K301100022-010	11.5
K301100022-011	13.0

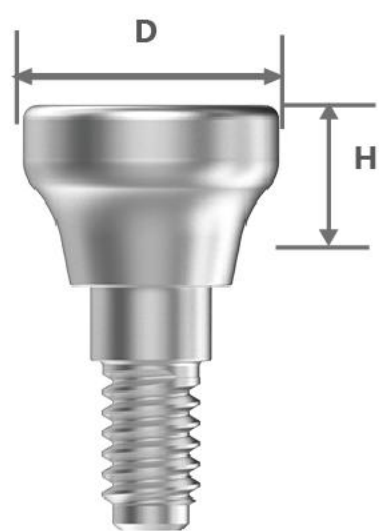


Prosthetic Accessories

Restoration Procedure I (Standard Implant Prostheses)



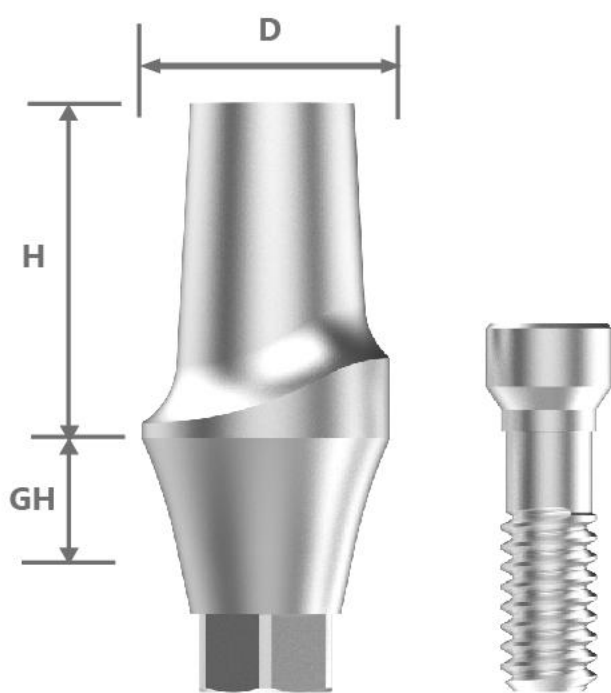
Healing Abutment



Product	Diameter (mm)	Height (mm)
Healing Abutment-NP-Φ3.6-GH3.0	3.6	3.0
Healing Abutment-NP-Φ3.6-GH5.0	3.6	5.0
Healing Abutment-NP-Φ3.6-GH7.0	3.6	7.0
Healing Abutment-NP-Φ5.0-GH3.0	5.0	3.0
Healing Abutment-NP-Φ5.0-GH5.0	5.0	5.0
Healing Abutment-NP-Φ5.0-GH7.0	5.0	7.0
Healing Abutment-RP-Φ3.6-GH3.0	3.6	3.0
Healing Abutment-RP-Φ3.6-GH5.0	3.6	5.0
Healing Abutment-RP-Φ3.6-GH7.0	3.6	7.0
Healing Abutment-RP-Φ5.0-GH3.0	5.0	3.0
Healing Abutment-RP-Φ5.0-GH5.0	5.0	5.0
Healing Abutment-RP-Φ5.0-GH7.0	5.0	7.0
Healing Abutment-RP-Φ6.0-GH3.0	6.0	3.0
Healing Abutment-RP-Φ6.0-GH5.0	6.0	5.0
Healing Abutment-RP-Φ6.0-GH7.0	6.0	7.0

- Package: Healing Abutment*1
- Material: Medical-grade titanium alloy (TC4 ELI)
- Use: Shapes the gingival contour during soft tissue healing
- Selection: Based on diameter and gingival height
- Tool: T5 star screwdriver
- Recommended Tightening Torque: 8–10 N·cm

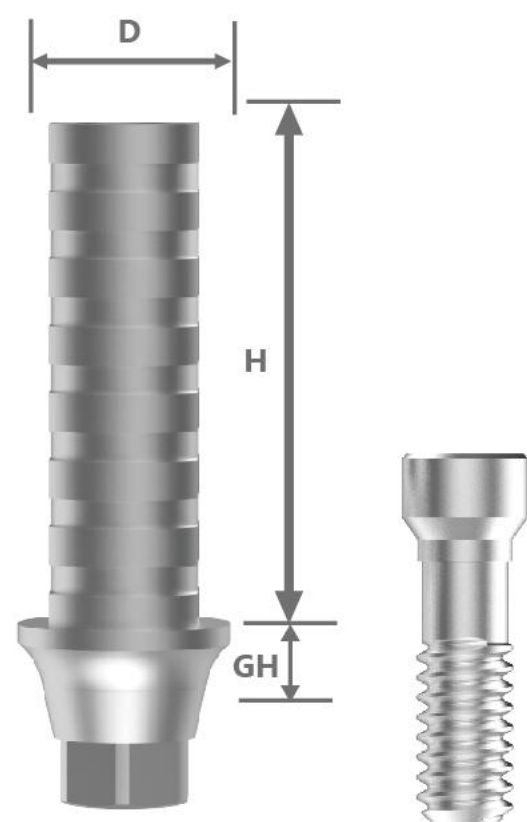
Straight Abutment



Product	Diameter (mm)	Gingival Height (mm)
Straight Abutment-NP-Φ4.8-GH1.5 Hex	4.8	1.5
Straight Abutment-NP-Φ4.8-GH3.0 Hex	4.8	3.0
Straight Abutment-NP-Φ4.8-GH4.5 Hex	4.8	4.5
Straight Abutment-NP-Φ5.0-GH1.5 Hex	5.0	1.5
Straight Abutment-RP-Φ5.0-GH1.5 Hex	5.0	1.5
Straight Abutment-RP-Φ5.0-GH3.0 Hex	5.0	3.0
Straight Abutment-RP-Φ5.0-GH4.5 Hex	5.0	4.5
Straight Abutment-RP-Φ6.0-GH1.5 Hex	6.0	1.5

- Package: Straight Abutment*1, 1 Central Screw *1
- Material: Medical-grade titanium alloy (TC4 ELI)
- Use: Permanent restoration; supports cement-retained or screw-retained fixation
- Selection: Based on diameter and gingival height
- Tool: T5 star screwdriver/ torque wrench
- Application: For implant-level impression cases

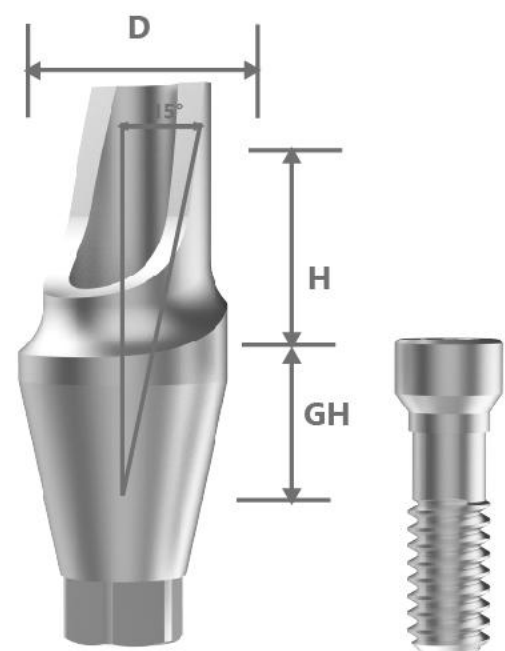
Base Abutment



Product	Diameter (mm)	Gingival Height (mm)	Prosthetic Height (mm)
Base Abutment-NP-Φ4.0-GH1.5 Hex	4.0	1.5	10.5
Base Abutment-RP-Φ4.5-GH1.5 Hex	4.5	1.5	10.5

- Package: Base Abutment*1, 1 Central Screw *1
- Material: Medical-grade titanium alloy (TC4 ELI)
- Use: Permanent restoration; supports cement-retained or screw-retained fixation
- Selection: Based on diameter and Hex configuration
- Tool: T5 star screwdriver/ torque wrench
- Application: For implant-level impression cases

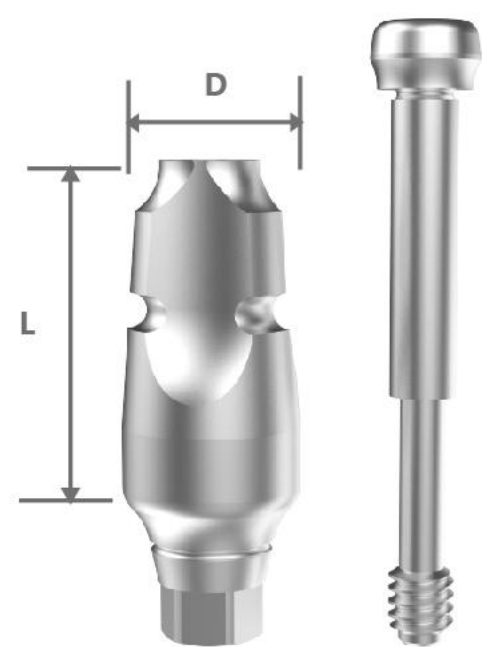
Angled Abutment



Product	Angle (°)	Diameter (mm)	Gingival Height (mm)
Angled Abutment-NP-Φ4.8-GH1.5-15° Hex	15	4.8	1.5
Angled Abutment-NP-Φ4.8-GH3.0-15° Hex	15	4.8	3.0
Angled Abutment-NP-Φ4.8-GH4.5-15° Hex	15	4.8	4.5
Angled Abutment-RP-Φ5.0-GH1.5-15° Hex	15	5.0	1.5
Angled Abutment-RP-Φ5.0-GH3.0-15° Hex	15	5.0	3.0
Angled Abutment-RP-Φ5.0-GH4.5-15° Hex	15	5.0	4.5

- Package: Angled Abutment*1, 1 Central Screw *1
- Material: Medical-grade titanium alloy (TC4 ELI)
- Use: Permanent restoration; supports cement-retained or screw-retained fixation
- Selection: Based on diameter, restoration angle and gingival height
- Tool: T5 star screwdriver/ torque wrench
- Application: For implant-level impression cases

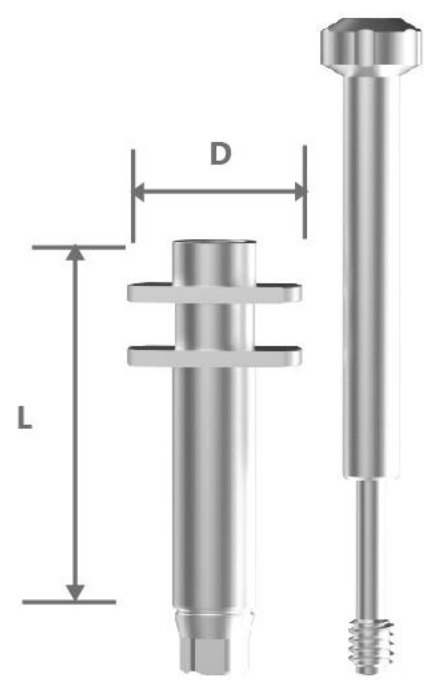
Implant-Level Closed Tray Transfer Coping



Product	Diameter (mm)	Height (mm)
Implant-Level Closed Tray Transfer Coping-NP-Φ3.6-L13 Hex	3.6	13.0
Implant-Level Closed Tray Transfer Coping-NP-Φ5.0-L13 Hex	5.0	13.0
Implant-Level Closed Tray Transfer Coping-RP-Φ3.6-L9 Hex	3.6	9.0
Implant-Level Closed Tray Transfer Coping-RP-Φ3.6-L13 Hex	3.6	13.0
Implant-Level Closed Tray Transfer Coping-RP-Φ5.0-L9 Hex	5.0	9.0
Implant-Level Closed Tray Transfer Coping-RP-Φ5.0-L13 Hex	5.0	13.0
Implant-Level Closed Tray Transfer Coping-RP-Φ6.0-L9 Hex	6.0	9.0
Implant-Level Closed Tray Transfer Coping-RP-Φ6.0-L13 Hex	6.0	13.0

- Package: Closed Tray Transfer Coping*1 , Transfer Screw*1
- Material: Medical-grade titanium alloy (TC4 ELI)
- Use: For implant-level closed tray impression
- Tool: T5 star screwdriver
- Recommended Tightening Torque: 5–10 N·cm

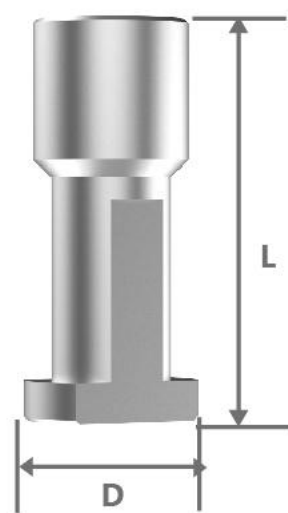
Implant-Level Open Tray Transfer Coping



Product	Diameter (mm)	Height (mm)
Implant-Level Open Tray Transfer Coping-NP-Φ3.6-L10 Hex	3.6	10.0
Implant-Level Open Tray Transfer Coping-NP-Φ3.6-L14 Hex	3.6	14.0
Implant-Level Open Tray Transfer Coping-NP-Φ5.0-L10 Hex	5.0	10.0
Implant-Level Open Tray Transfer Coping-NP-Φ5.0-L14 Hex	5.0	14.0
Implant-Level Open Tray Transfer Coping-RP-Φ3.6-L10 Hex	3.6	10.0
Implant-Level Open Tray Transfer Coping-RP-Φ3.6-L14 Hex	3.6	14.0
Implant-Level Open Tray Transfer Coping-RP-Φ5.0-L10 Hex	5.0	10.0
Implant-Level Open Tray Transfer Coping-RP-Φ5.0-L14 Hex	5.0	14.0
Implant-Level Open Tray Transfer Coping-RP-Φ6.0-L10 Hex	6.0	10.0
Implant-Level Open Tray Transfer Coping-RP-Φ6.0-L14 Hex	6.0	14.0

- Package: Open Tray Transfer Coping*1 , Transfer Screw*1
- Material: Medical-grade titanium alloy (TC4 ELI)
- Use: For implant-level open tray impression
- Tool: T5 star screwdriver
- Recommended Tightening Torque: 5–10 N·cm

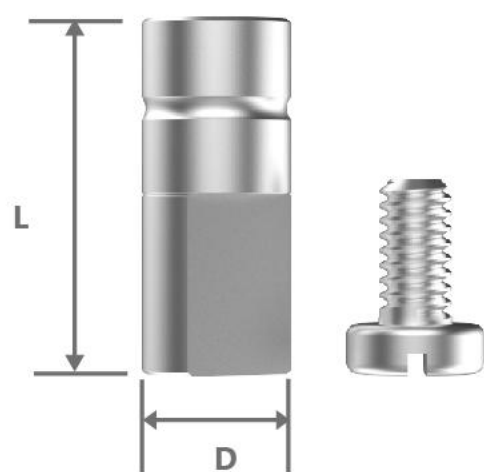
Implant-Level Analog



Product	Diameter (mm)	Height (mm)
Implant-Level Analog-NP	3.5	10.0
Implant-Level Analog-RP	3.5	10.0

- Package: Analog*1
- Material: Medical-grade titanium alloy (TC4 ELI)/Stainless steel
- Use: For accurate transfer of the intraoral implant position to the model

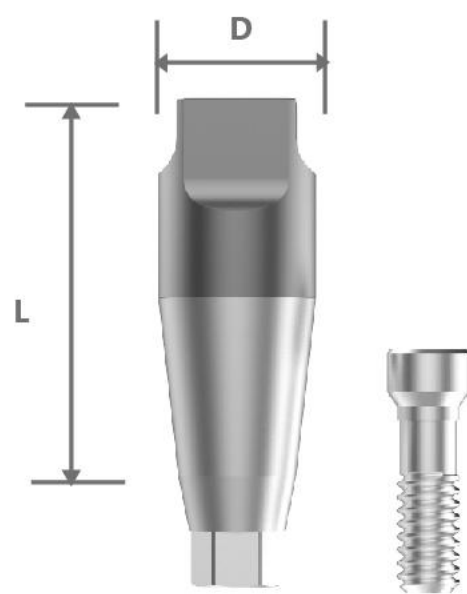
Implant-Level Digital Analog



Product	Diameter (mm)	Height (mm)
Implant-Level Digital Analog-NP	3.5	8.0
Implant-Level Digital Analog-NP	4.0	9.5

- Package: Digital Analog*1, Analog Base Screw *1
- Material: Medical-grade titanium alloy (TC4 ELI)/Stainless steel
- Use: Used with intraoral scan and model printing; replicates the intraoral implant position in a printed model

Implant-Level Scan Body

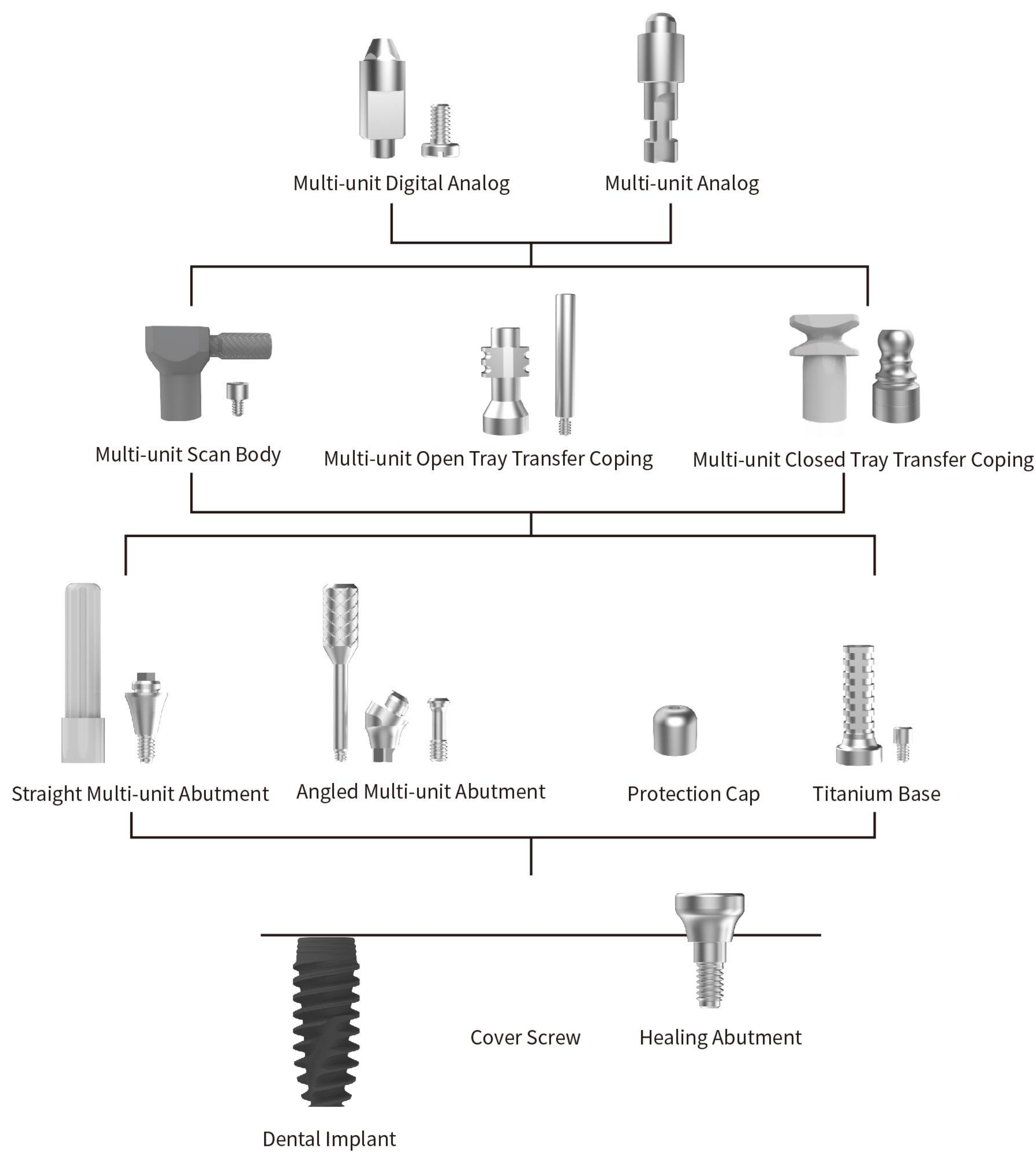


Product	Diameter (mm)	Height (mm)
Implant-Level Scan Body-NP-3.5-Φ4.0-L10	4.0	10.0
Implant-Level Scan Body RP-Φ4.5-L10	4.5	10.0
Implant-Level Scan Body-NP-3.5-Φ4.0-L15	4.0	15.0
Implant-Level Scan Body RP-Φ4.5-L15	4.5	15.0

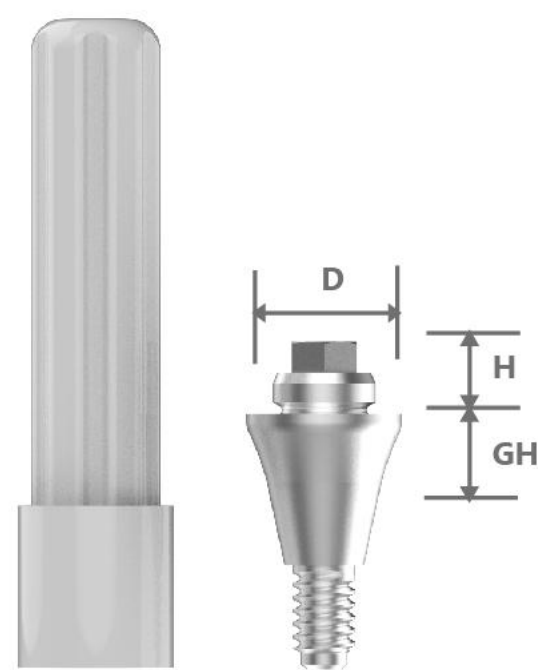
- Package: Implant-Level Scan Body*1, Scan Body Screw*1
- Material: Medical-grade titanium alloy
- Use: For implant-level digital impression acquisition
- Recommended Tightening Torque: 5–10 N·cm

Prosthetic Accessories

Restoration Procedure II (Bridge-Type Restoration)



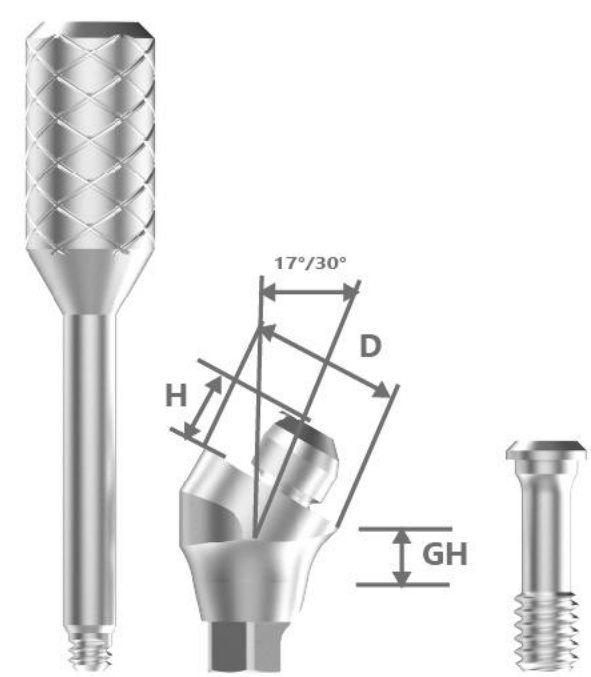
Straight Multi-unit Abutment



Product	Diameter (mm)	Gingival Height (mm)	Prosthetic Height (mm)
Straight Multi-unit Abutment-NP-Φ4.8-GH1.5	4.8	1.5	2.2
Straight Multi-unit Abutment-NP-Φ4.8-GH2.5	4.8	2.5	2.2
Straight Multi-unit Abutment-NP-Φ4.8-GH3.5	4.8	3.5	2.2
Straight Multi-unit Abutment-NP-Φ4.8-GH4.5	4.8	4.5	2.2
Straight Multi-unit Abutment-RP-Φ4.8-GH1.5	4.8	1.5	2.2
Straight Multi-unit Abutment-RP-Φ4.8-GH2.5	4.8	2.5	2.2
Straight Multi-unit Abutment-RP-Φ4.8-GH3.5	4.8	3.5	2.2
Straight Multi-unit Abutment-RP-Φ4.8-GH4.5	4.8	4.5	2.2

- Package: Straight Multi-unit Abutment*1 , Holder*1
- Material: Medical-grade titanium alloy (TC4 ELI)
- Use: For bridge-type prostheses; aligns the common insertion path of multiple implants
- Selection: Based on gingival height
- Tool: T5 star screwdriver / torque wrench
- Digital Workflow: Digital library for the corresponding abutment is available to support digital restoration workflow

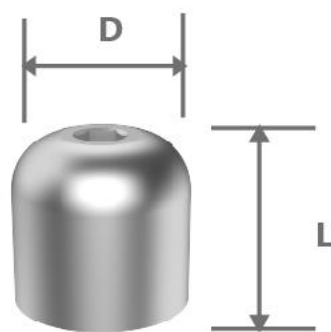
Angled Multi-unit Abutment



Product	Angle (°)	Diameter (mm)	Gingival Height (mm)	Prosthetic Height (mm)
Angled Multi-unit Abutment-NP-Φ4.8-GH2.5-17° Hex	17	4.8	2.5	2.2
Angled Multi-unit Abutment-NP-Φ4.8-GH3.5-17° Hex	17	4.8	3.5	2.2
Angled Multi-unit Abutment-NP-Φ4.8-GH3.5-30° Hex	30	4.8	3.5	2.2
Angled Multi-unit Abutment-NP-Φ4.8-GH4.5-30° Hex	30	4.8	4.5	2.2
Angled Multi-unit Abutment-RP-Φ4.8-GH2.5-17° Hex	17	4.8	2.5	2.2
Angled Multi-unit Abutment-RP-Φ4.8-GH3.5-17° Hex	17	4.8	3.5	2.2
Angled Multi-unit Abutment-RP-Φ4.8-GH3.5-30° Hex	30	4.8	3.5	2.2
Angled Multi-unit Abutment-RP-Φ4.8-GH4.5-30° Hex	30	4.8	4.5	2.2
Angled Multi-unit Abutment-RP-Φ4.8-GH1.5-45° Hex	45	4.8	1.5	2.2

- Package: Angled Multi-unit Abutment*1 , Abutment Screw*1, Holder*1
- Material: Medical-grade titanium alloy (TC4 ELI)
- Use: For bridge-type prostheses; aligns the common insertion path of multiple implants
- Selection: Based on restoration angle and gingival height
- Tool: T5 star screwdriver / torque wrench
- Digital Workflow: Digital library for the corresponding abutment is available to support digital restoration workflow

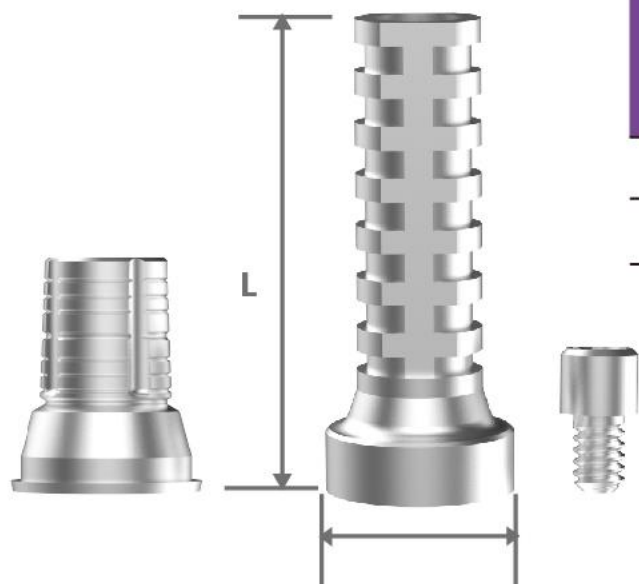
Protection Cap



Product	Diameter (mm)	Height (mm)
Protection Cap NP/RP Universal-Φ4.8-H4.1	4.8	4.1
Protection Cap NP/RP Universal-Φ4.8-H4.1 One-Piece	4.8	4.1

- Package: Protection Cap*1
- Material: Medical-grade titanium alloy (TC4 ELI)
- Use: Temporarily seals the screw channel at the secondary connection of the multi-unit abutment; also enables gingival contouring
- Tool: T5 star screwdriver
- Recommended Tightening Torque: 5–10 N·cm

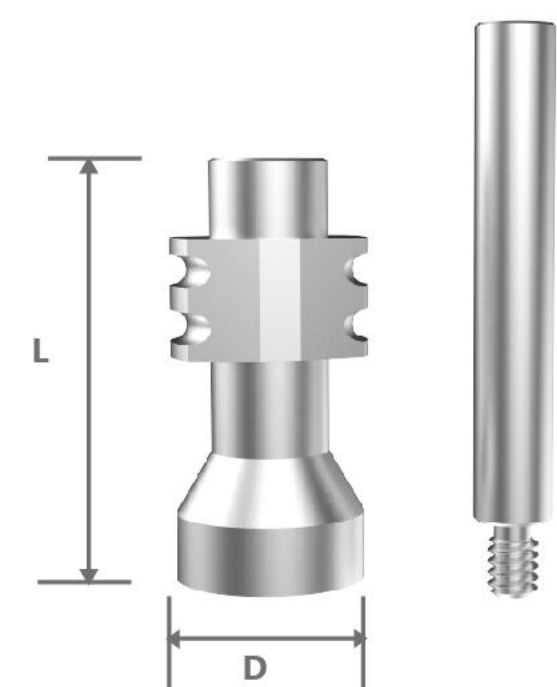
Titanium Base



Product	Diameter (mm)	Height (mm)
Composite Abutment Model Titanium Base NP/RP Universal-Φ4.8	4.8	12.0
Composite Abutment Digital Titanium Base-Φ4.8-L6	4.8	6.0

- Package: Titanium Base*1, Prosthetic Screw*1
- Material: Medical-grade titanium alloy (TC4 ELI)
- Use: For temporary bridge restoration. After bonding to a temporary crown, connects the multi-unit abutment and the temporary restoration bridge via the prosthetic screw
- Selection: Conventional (for stone-cast models) / Digital (supports digital restoration workflow; digital library file available)
- Tool: T5 star screwdriver / torque wrench

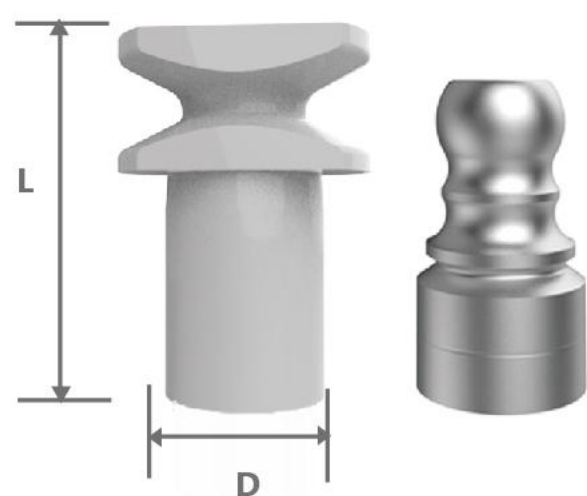
Multi-unit Open Tray Transfer Coping



Product	Diameter (mm)	Height (mm)
Multi-unit Open Tray Transfer Coping NP/RP Universal-Φ4.8	4.8	10.7

- Package: Multi-unit Open Tray Transfer Coping*1 , Transfer Screw*1
- Material: Medical-grade titanium alloy (TC4 ELI)
- Use: For multi-unit open tray impression
- Tool: T5 star screwdriver

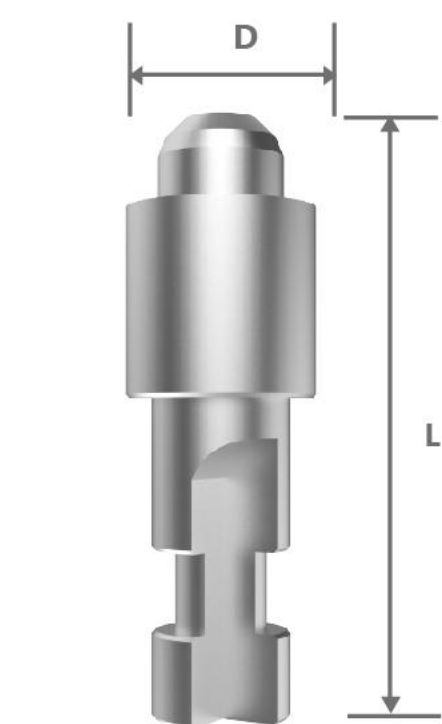
Multi-unit Closed Tray Transfer Copin



Product	Diameter (mm)	Height (mm)
Multi-unit Closed Tray Transfer Copin NP/RP Universal-Φ4.8-L8	4.8	8.0

- Package: Multi-unit Closed Tray Transfer Copin*1
- Material: Medical-grade titanium alloy
- Use: For closed tray impression at the multi-unit abutment level
- Tool: T5 star screwdriver / torque wrench
- Recommended Tightening Torque: 10–15 N·cm
- Note: Requires an impression cap (sold separately)

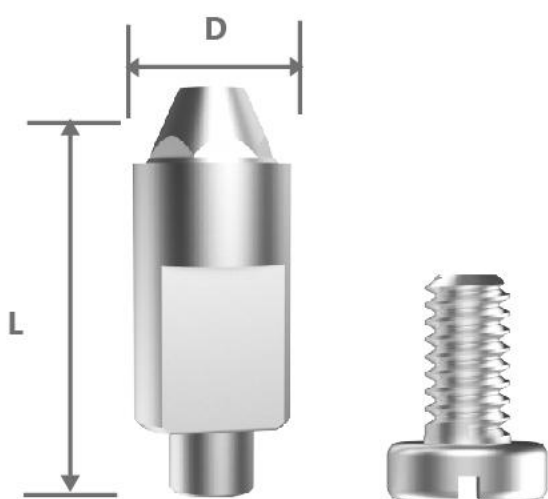
Multi-unit Analog



Product	Diameter (mm)	Height (mm)
Multi-unit Analog-NP/RP Universal-Φ4.8	4.8	15.0

- Package: Multi-unit Analog*1
- Material: Medical-grade titanium alloy (TC4 ELI)/Stainless steel
- Use: For accurate transfer of the intraoral multi-unit abutment position to the model

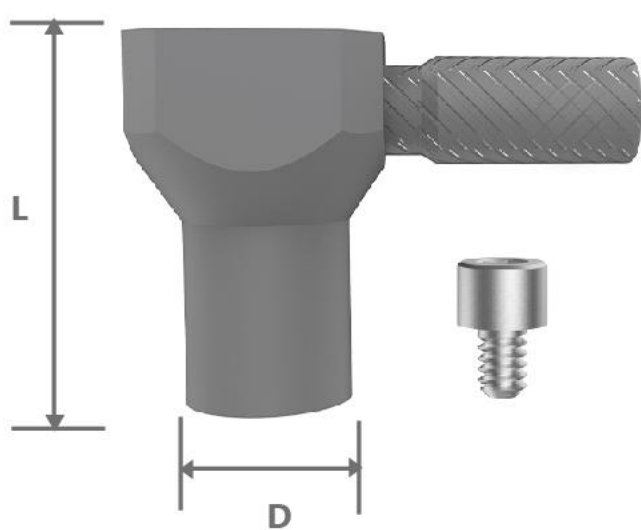
Multi-unit Printing Analog



Product	Diameter (mm)	Height (mm)
Multi-unit Printing Analog-NP/RP Universal-Φ4.8	4.8	12.5

- Package: Digital Analog*1, Analog Base Screw *1
- Material: Medical-grade titanium alloy (TC4 ELI)/Stainless steel
- Use: Used with intraoral scan and model printing; replicates the intraoral multi-unit abutmen position in a printed model

Multi-unit Scan Body



Product	Diameter (mm)	Height (mm)
Multi-unit Scan Body-Φ4.8	4.0	10.0

- Package: Multi-unit Scan Body*1, Scan Body Screw*1, Scan Flag*1
- Material: Medical-grade titanium alloy (TC4 ELI)
- Use: For multi unit digital impression acquisition
- Recommended Tightening Torque: 5–10 N·cm
- Usage Note: When implant positions are far apart, use with the scan flag to enhance intraoral scanning accuracy

From Purity to Integration

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