

The oral care
solution creator

UNICON IMPLANT SYSTEM

Product Catalog



DIO CO., LTD. | 66 CENTUMSEO-RO, HAEUNDAE-GU, BUSAN, KOREA | www.dioimplant.com

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Date of Publication 2025. 11

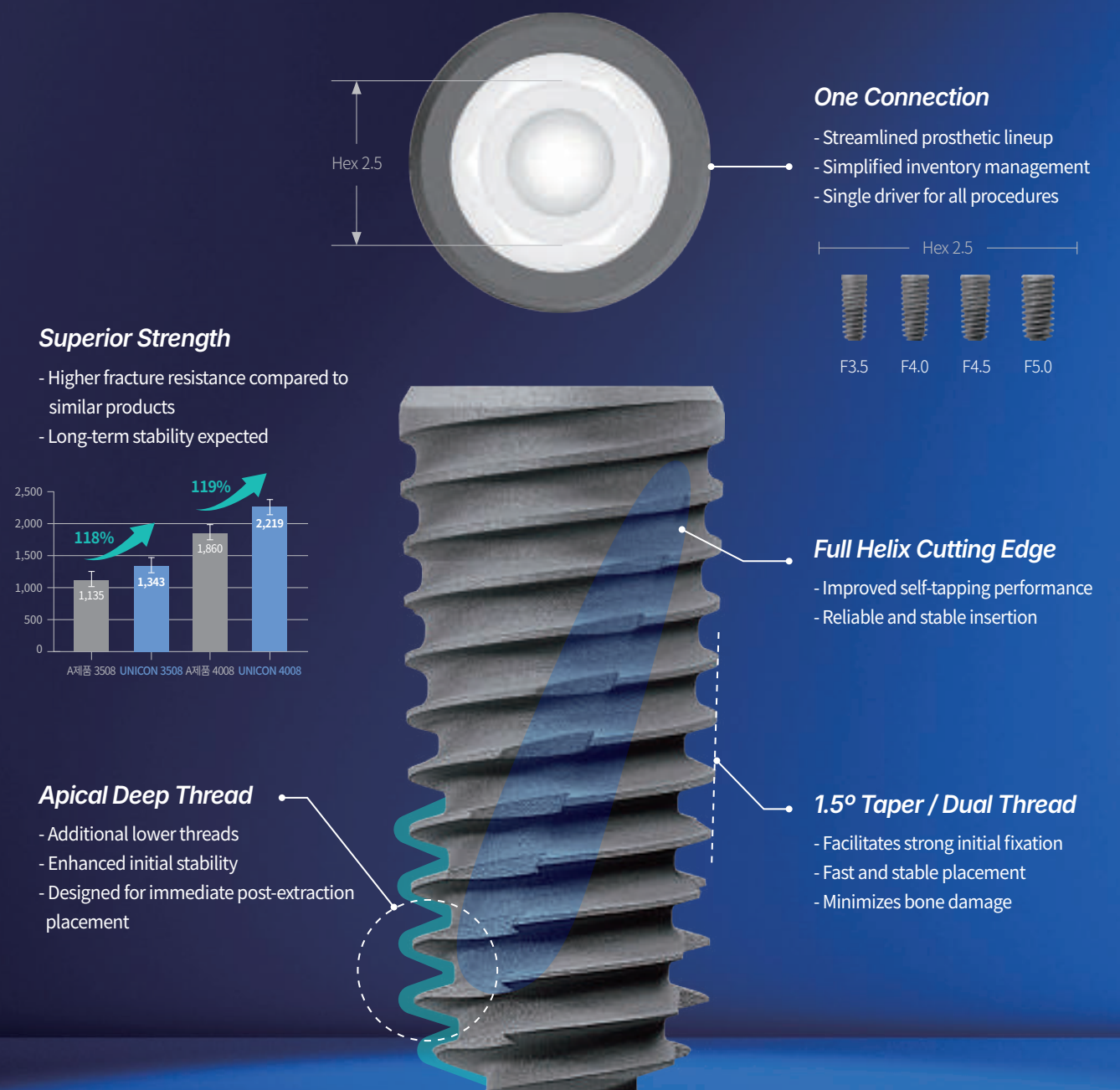
Publisher DIO CO., LTD. | 66 CENTUMSEO-RO, HAEUNDAE-GU, BUSAN, KOREA

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UNICON Fixture

At the culmination of our R&D journey for better clinical outcomes and solutions, we proudly present the UniCon Implant, the pinnacle of the 11° connection. UniCon Implant integrates a unified prosthetic lineup regardless of diameter or length with a single connection, delivers enhanced mechanical stability, and offers true clinical efficiency through an optimized surgical protocol.



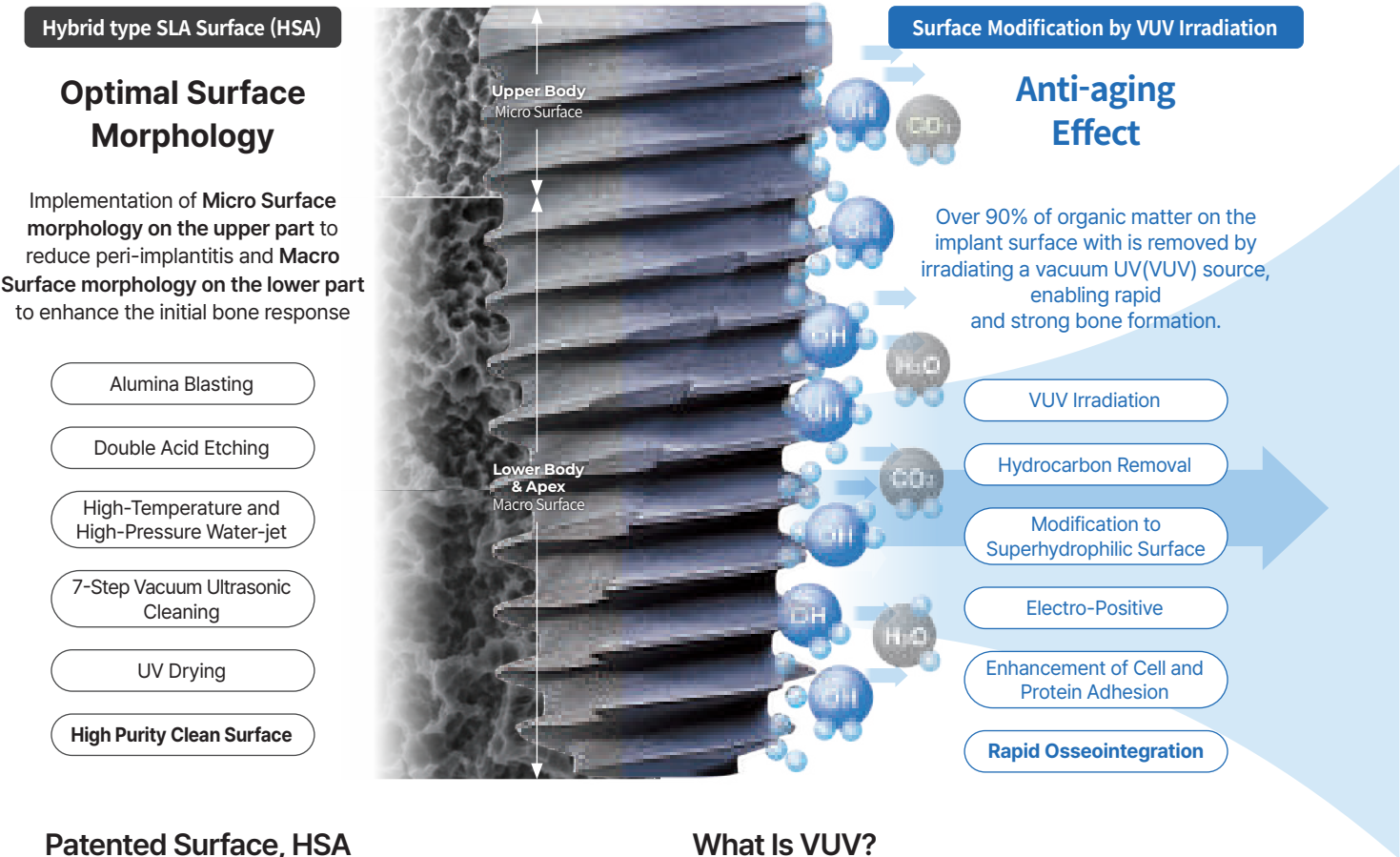
Universal + Convenient = “**UNICON**”

A name that reflects universality, adaptable to all bone qualities and cases, while ensuring that the procedure is convenient and easy for anyone to master

UNICON Implant Surface

UNICON Prosthetic

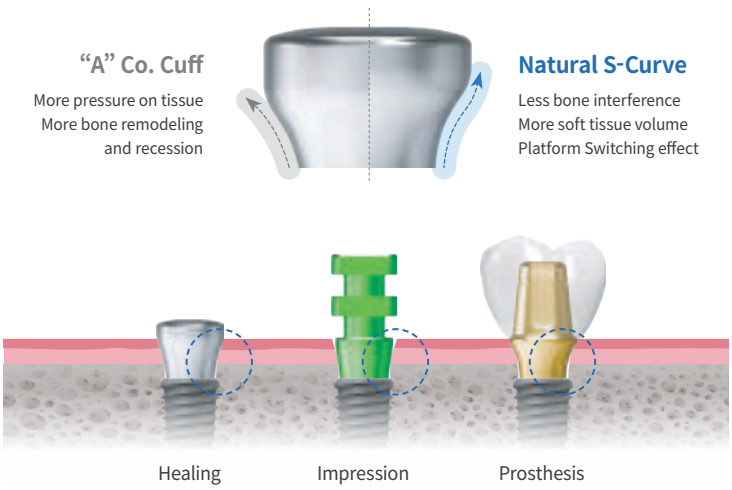
Natural S-Curve for mucosa sealing and esthetics



Consistent Cuff Design

System-wide Natural S-Curve design & minimal bone interference and gingival pressure

The Natural S-Curve design is applied throughout the entire system, from healing, impression taking, and prosthetic stages, to minimize bone interference and gingival pressure, contributing to the emergence profile of the prosthesis and the formation of healthy interdental papillae.



Intuitive Design

Intuitive Confirmation of Correct Connection

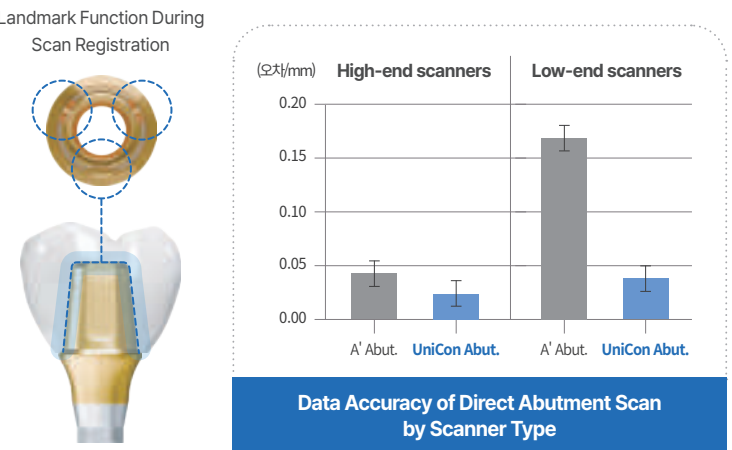
Thanks to its intuitive design with a distinct singularity point, complete or incomplete seating can be easily verified on X-rays.

Seating Status	Correct seating	Incomplete seating
Connection Gap	Zero Gap	Gap
Healing Abutment		
Impression Coping		

Detail Design

Optimized for Digital Prosthetics

Abutment geometry has been optimized to improve the accuracy of digital scanning and the fitness of zirconia prostheses.



Patented Surface, HSA

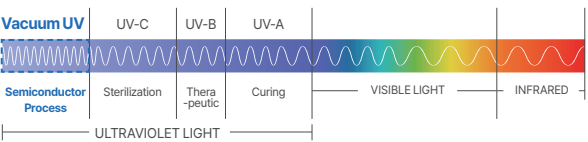
A distinctive level of surface roughness unique to DIO IMPLANT has been achieved through extensive research and experimentation based on sandblast large grit & acid etching (SLA).



*KOREA Patent No. 10-1652968

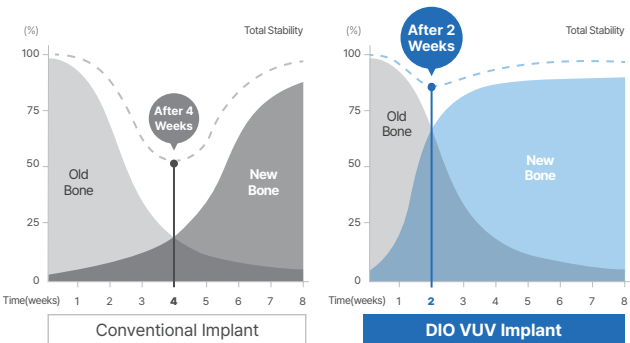
What Is VUV?

VUV is the highest-energy ultraviolet light used in semiconductor processes. DIO was the first to apply VUV to remove organic matter from the implant surface, and its effectiveness has been validated through joint research with UCLA, USA.



VUV, Healing Time in Half!

Fewer surface organics and higher blood absorbability ensure more stable bone-to-implant integration, shortening the treatment period.

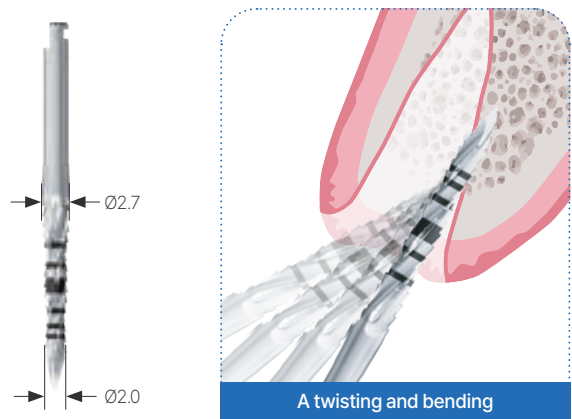


*Source: Implant Dentistry, Volume 22, Nov 5, 2013, PhD Takahiro Ogawa et al.

Multi Initial Drill

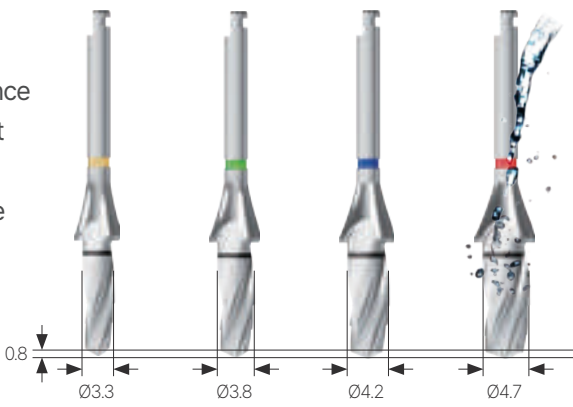
It provides highly accurate initial drilling in extraction sockets. With both point and side-cutting capabilities, it allows stable drilling even when the clinician drills as desired.

* Diameter: Designed to widen from Ø2.0 to Ø2.7



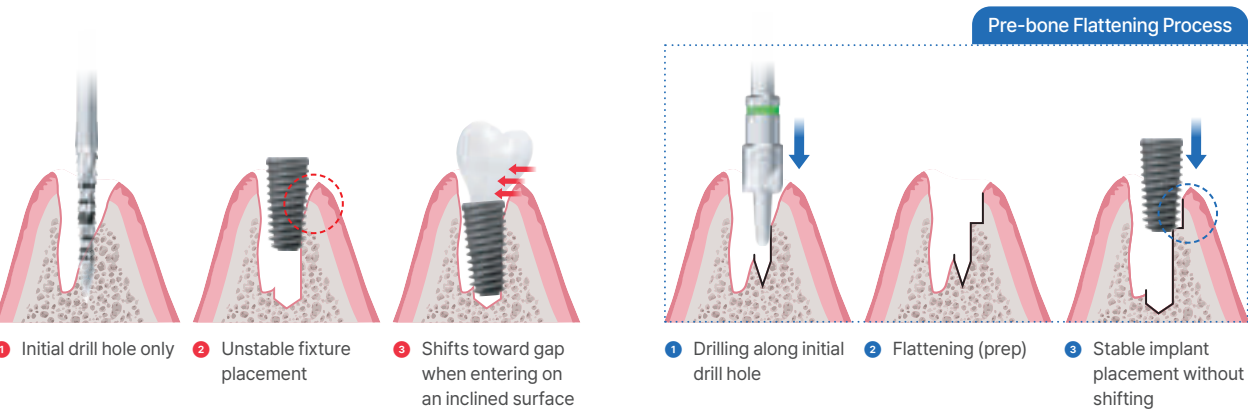
Taper Drill for Implant Placement

The UniCon taper drill delivers excellent cutting performance in all types of bone quality, and depth control is convenient with the integrated drill stop. The streamlined body shape ensures direct irrigation to the drill hole, reduces the risk of bone heating.



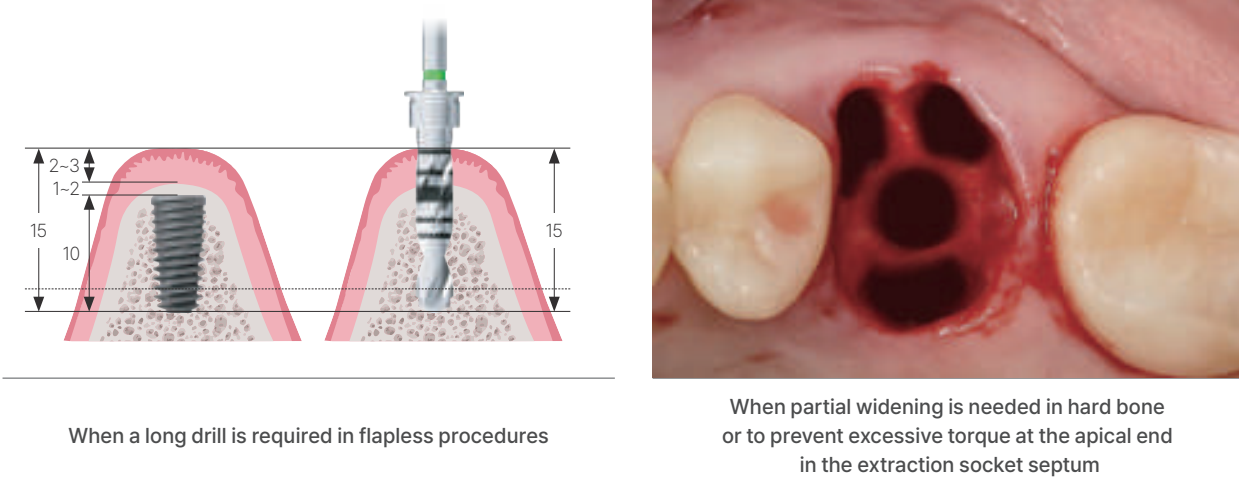
Pre-bone Flattening Drill

Even with accurate initial drilling in the extraction socket, the implant may shift toward the gap during placement. The pre-bone flattening drill allows implants to be placed in the correct position.



Straight Drill for Implant Placement

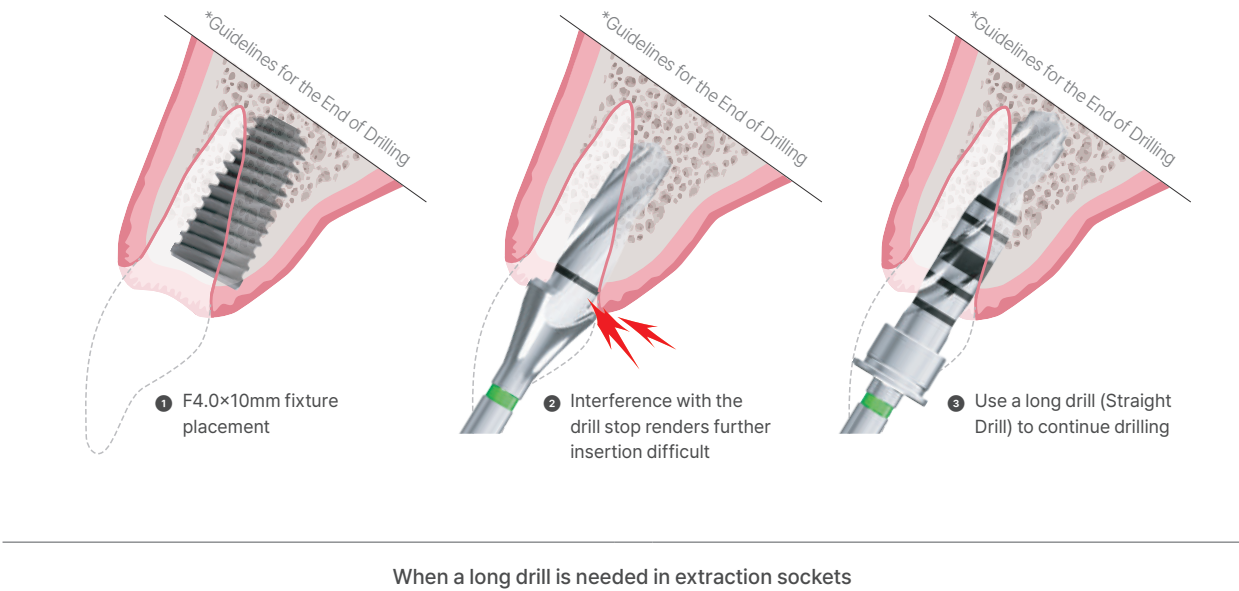
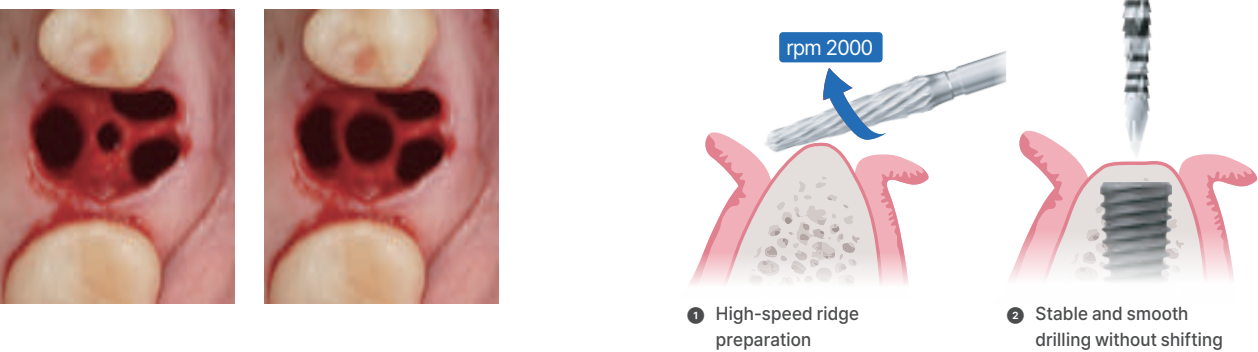
The Straight drill is used for following cases



Modify Bur for Ridge Adjustment or Post-initial Drilling Expansion

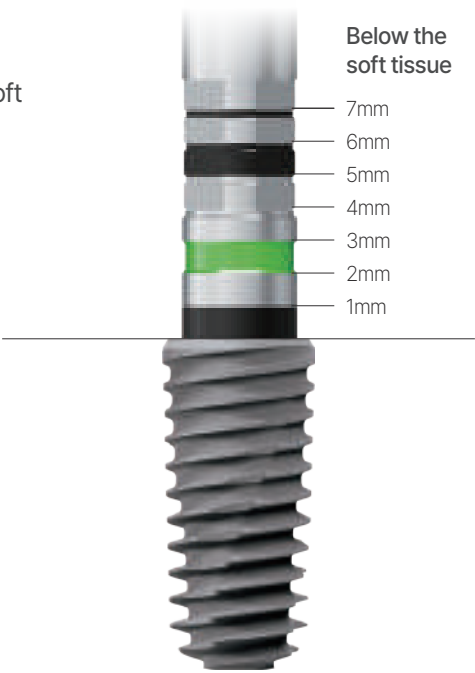
This is applied to reshape narrow ridges or irregular bone. It is also applicable for expanding the central septum after initial drilling in molar extraction sockets.

* Prevents displacement of cortical bone in the septum



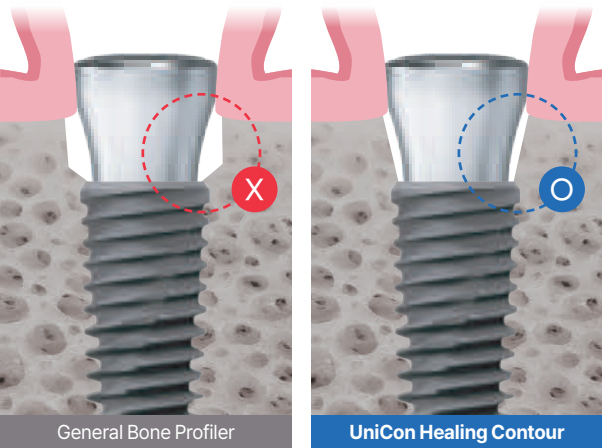
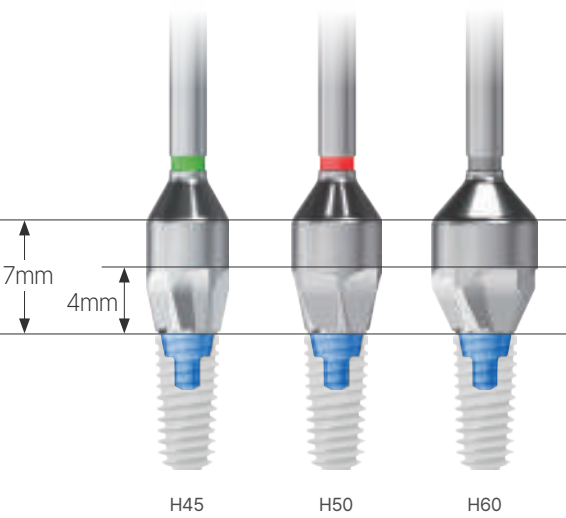
Fixture Driver
for Implant Placement

The fixture driver allows implant placement up to 7 mm below the soft tissue, depending on tissue thickness. It enables precise placement to the planned depth even under excessive torque.



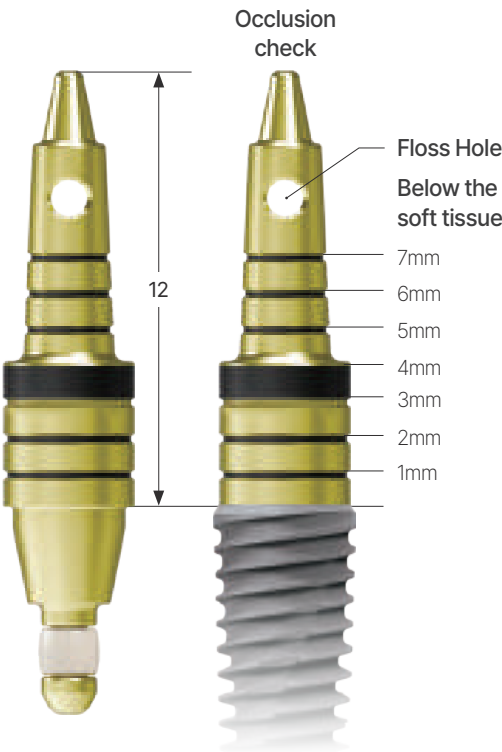
Healing Contour
Removal of Interfering Bone During Prosthesis Connection

This instrument is used to remove interfering bone after fixture placement, and it is particularly useful for deep insertion. It is designed to match the healing abutment shape to prevent excessive bone removal. Select the drill corresponding to the selected healing abutment shape for accurate drilling.



Final Check Pin
for Verifying Placement Depth and Position

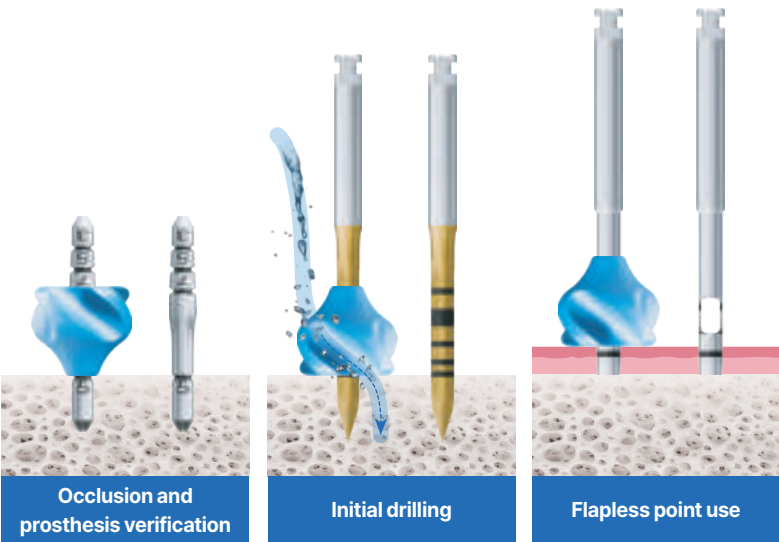
We recommend performing a final check after implant placement. Check the depth and the direction of occlusion and make any adjustment if necessary.



Positioning Bell
for Convenient Implant Placement and Spacing

For single, bridge and free-end multiple cases, the Positioning Bell can be used during initial drilling to simultaneously consider spacing from adjacent teeth and prosthesis dimensions. It can be applied to the Ø2.0 Tissue Punch, Position Drill, or Initial Check Pin depending on the intended use. Its irrigation-easy design minimizes the risk of bone heating during drill sequence.

Canine / Premolar	General use
Ø7.2	Ø8.0
Second molar	First molar
Ø9.0	Ø10.0
Made of biocompatible medical-grade silicone for safe insertion of drills or instruments	



UNICON Implant System Contents

013 UNICON Implant		014 Cover Screw		014 Healing Abutment		016 Cemented Abutment		017 Ø3.5 Solid Abutment		017 Abutment Protect Cap	
017 Abutment Impression Cap		018 Angled Abutment		018 Temporary Abutment		019 Pick-up Impression Coping		019 Transfer Impression Coping		019 Lab Analog	
022 Multi-unit Abutment		022 Multi-unit Angled Abutment		023 Multi-unit Healing Cap		023 Multi-unit Pick-up Impression Coping		022 Multi-unit H-Scan body		023 Multi-unit Scan Adapter	
024 Multi-unit Lab Analog		024 Multi-unit Ti Cylinder		024 Multi-unit Temporary Cylinder		026 DeSR Base Abutment (Short)		026 DeSR Base Abutment (Long)		027 DeSR Healing Cap	
027 DeSR H-Scanbody		027 DeSR Scan Adapter		028 DeSR Digital Analog		028 DeSR Base Abutment Cap		028 DeSR Transfer Impression Coping		029 DeSR Lab Analog	
029 DeSR Direct Screw		029 DeSR Crown Contact Screw		032 DIO-Lock Abutment		032 Lab Analog		032 CoreTool		033 DIO-Lock Torque Driver	
033 Male Package		033 Replacement Male		033 Extended Replacement Male		034 Denture Cap + Black Processing Male Set		034 Black Processing Male		034 Block-Out Spacer	
034 Impression Coping		035 H-Scanbody / Jig		035 Scan Adapter		036 Pre-Milled Bar		036 Hybrid Link			
037 Scan Retractor		037 Wax Denture		037 Marker							

UNICON Kits Contents

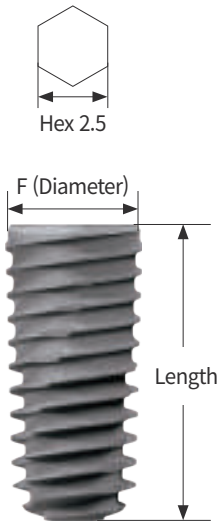
039 UNICON Kit 7 UK 07											
041 Ø2.0Tissue Punch		041 Position Drill		041 Multi Initial Drill		041 Modify Bur		042 Straight Drill (Ø2.2)		042 Pre-Bone Flattening Drill	
042 Positioning Bell		043 Initial Check Pin		043 Straight Drill		043 Taper Drill		044 Cortical Drill		044 Fixture Driver	
044 Final Check Pin		045 Healing Contour		045 Drill Extension Set		045 1.2 Hex Driver				046 Connector Extension	
046 Torque Wrench											
046 Double Depth Gauge											

Sinus Kits Contents

047 Sinus Drill Kit SKDS 01		049 Sinus Osteotome Kit SKOS 01		051 Multi Initial ST Drill		051 Sinus Expansion Drill					
051 Sinus Lift Drill		052 Sinus Expansion ST Drill		052 Sinus Lift ST Drill		052 Wave ST Osteotome		053 Stopper		053 Water Membrane Lifter	
053 Water Membrane Lifter Dummy		054 Mallet		054 Sinus Membrane Detach Tool		054 Depth Gauge		054 Saline Tube			

Implant Fixture

- HSA / Packing Unit
 - Fixture | Order Code : UCR 0000SF (ex : UCR 4010SF)
 - Fixture + Cover Screw | Order code : UCR 0000S (ex : UCR 4010S)
- VUV / Packing Unit
 - Fixture | Order Code : UCR 0000UV3 (ex : UCR 4010UV3)



R

F3.5 (Ø3.8)
Hex 2.5

Unit mm						
Length	7	8.5	10	11.5	13	
HSA	UCR 3507SF	UCR 3508SF	UCR 3510SF	UCR 3511SF	UCR 3513SF	
VUV	UCR 3507UV3	UCR 3508UV3	UCR 3510UV3	UCR 3511UV3	UCR 3513UV3	

R

F4.0 (Ø4.25)
Hex 2.5

Length	7	8.5	10	11.5	13	
HSA	UCR 4007SF	UCR 4008SF	UCR 4010SF	UCR 4011SF	UCR 4013SF	
VUV	UCR 4007UV3	UCR 4008UV3	UCR 4010UV3	UCR 4011UV3	UCR 4013UV3	

R

F4.5 (Ø4.6)
Hex 2.5

Length	7	8.5	10	11.5	13	
HSA	UCR 4507SF	UCR 4508SF	UCR 4510SF	UCR 4511SF	UCR 4513SF	
VUV	UCR 4507UV3	UCR 4508UV3	UCR 4510UV3	UCR 4511UV3	UCR 4513UV3	

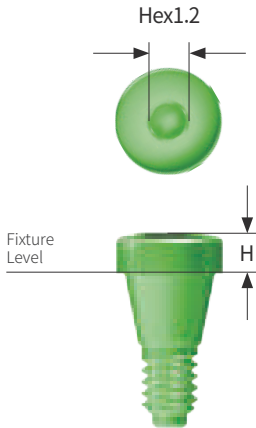
R

F5.0 (Ø5.05)
Hex 2.5

Length	7	8.5	10	11.5	13	
HSA	UCR 5007SF	UCR 5008SF	UCR 5010SF	UCR 5011SF	UCR 5013SF	
VUV	UCR 5007UV3	UCR 5008UV3	UCR 5010UV3	UCR 5011UV3	UCR 5013UV3	

Cover Screw

- Used to protect the internal connection of the implant during a 2-stage surgery.
- Use 1.2 Hex Driver
 - Instructions for Use
 - ① Remove any blood or debris inside the implant before tightening the screw.
 - ② Tighten the screw manually using a 1.2 Hex Driver (5~8 Ncm).
 - Tightening Torque : 5~8Ncm

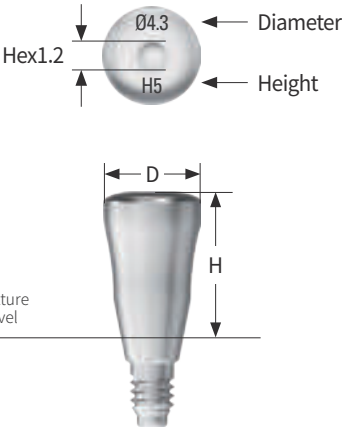


R

Fixture Size		Regular		
Height	0.4	1.4	2.4	
Code	UCRCSS	UCRCSM	UCRCSL	

Healing Abutment

- Designed with a Natural S-curve to minimize bone interference when the implant is placed deep.
- Instructions for Use
 - ① After fixture connection, ensure there is no gap at the 11° taper area on the X-ray image to confirm full seating.
 - ② Use the appropriate Healing Contour by diameter if needed (refer to P45).
 - Use 1.2 Hex Driver
 - Packing Unit : Abutment
 - Tightening Torque : 5~8Ncm
- ※ Single-use medical device

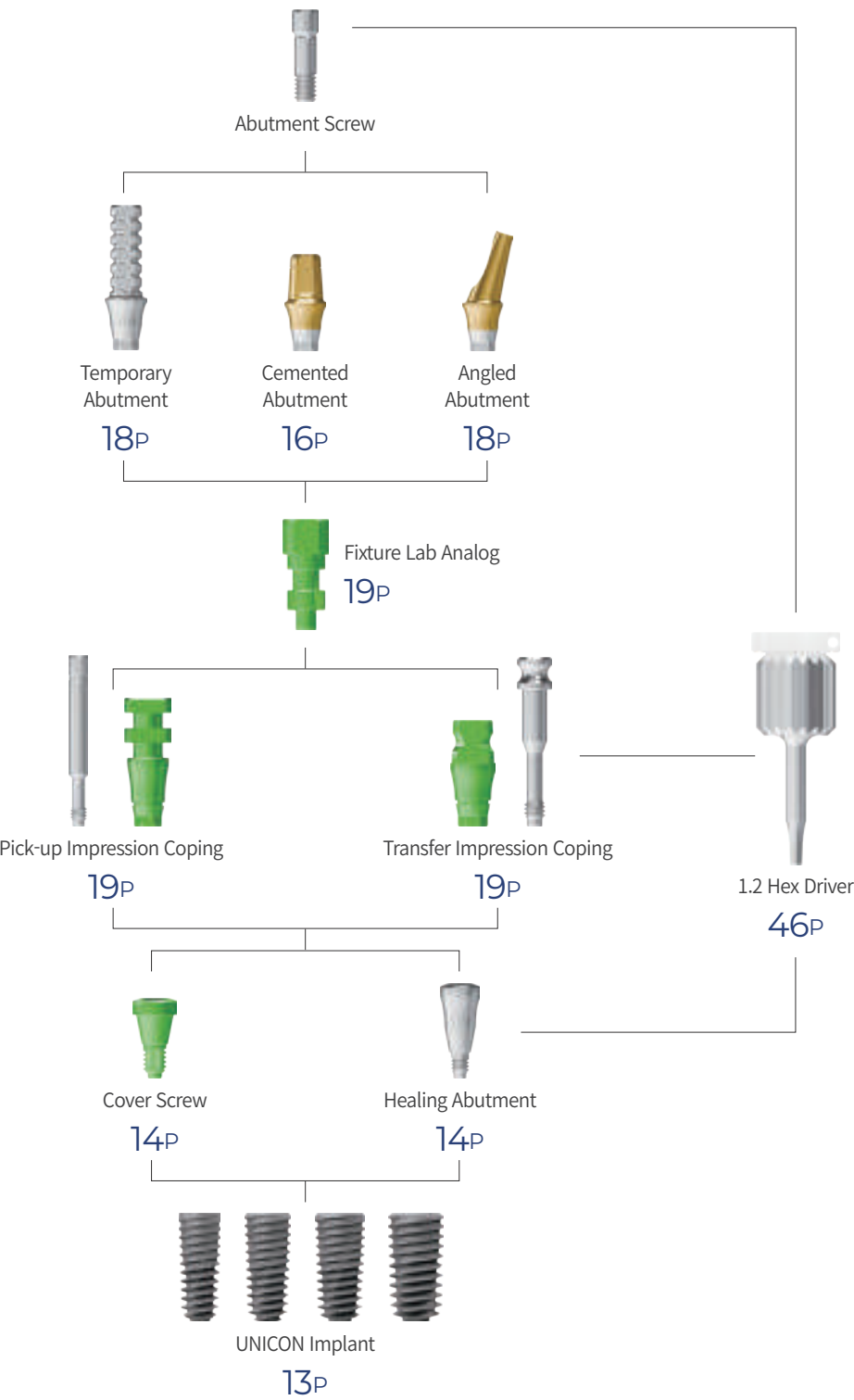


R

Fixture Size		Regular					
Diameter		Ø3.0	Ø4.0	Ø4.5	Ø5.0	Ø6.0	Ø7.0
Height	3	UCRHA 303	UCRHA 403	UCRHA 453	UCRHA 503	UCRHA 603	UCRHA 703
	4	UCRHA 304	UCRHA 404	UCRHA 454	UCRHA 504	UCRHA 604	UCRHA 704
	5	UCRHA 305	UCRHA 405	UCRHA 455	UCRHA 505	UCRHA 605	UCRHA 705
	6	UCRHA 306	UCRHA 406	UCRHA 456	UCRHA 506	UCRHA 606	UCRHA 706
	7	UCRHA 307	UCRHA 407	UCRHA 457	UCRHA 507	UCRHA 607	UCRHA 707
	8	UCRHA 308	UCRHA 408	UCRHA 458	UCRHA 508	UCRHA 608	UCRHA 708

Cemented | Angled | Temporary Abutment

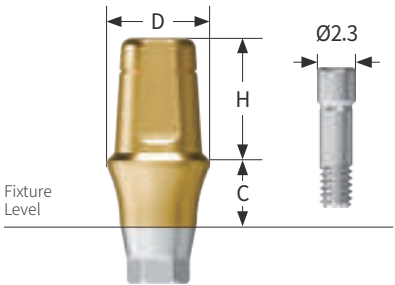
Prosthetic Flow Chart



Cemented Abutment

Used for standard CRP / SCRP prosthetic fabrication

- Ultra-precise connection with a tolerance of 1/1000 mm
- Natural S-Curve design : minimizes bone interference in deep placement
- Optimized internal radius (R-value) eliminates interference issues during zirconia prosthesis fabrication
- Post design enables easy direct scanning at the abutment level
- Available in Hex / Non-Hex types depending on the connection with the fixture
- Compatible with Abutment Impression Cap
- Use 1.2 Hex Driver
- Packing Unit : Abutment + Abutment Screw
- Tightening Torque : 30~35Ncm



Unit mm

R

Hex

Fixture Size		Regular			
Diameter		Ø4.5	Ø5.0	Ø6.0	Ø7.0
Height 4	Cuff 2	UCRCA 4542H	UCRCA 5042H	UCRCA 6042H	-
	3	UCRCA 4543H	UCRCA 5043H	UCRCA 6043H	-
	4	UCRCA 4544H	UCRCA 5044H	UCRCA 6044H	-
	5	UCRCA 4545H	UCRCA 5045H	UCRCA 6045H	-
	6	UCRCA 4546H	UCRCA 5046H	UCRCA 6046H	-
	7	UCRCA 4547H	UCRCA 5047H	UCRCA 6047H	-
	8	UCRCA 4548H	UCRCA 5048H	UCRCA 6048H	-
Height 5.5	Cuff 2	UCRCA 4552H	UCRCA 5052H	UCRCA 6052H	UCRCA 7052H
	3	UCRCA 4553H	UCRCA 5053H	UCRCA 6053H	UCRCA 7053H
	4	UCRCA 4554H	UCRCA 5054H	UCRCA 6054H	UCRCA 7054H
	5	UCRCA 4555H	UCRCA 5055H	UCRCA 6055H	UCRCA 7055H
	6	UCRCA 4556H	UCRCA 5056H	UCRCA 6056H	UCRCA 7056H
	7	UCRCA 4557H	UCRCA 5057H	UCRCA 6057H	UCRCA 7057H
	8	UCRCA 4558H	UCRCA 5058H	UCRCA 6058H	UCRCA 7058H
Height 7	Cuff 2	UCRCA 4572H	UCRCA 5072H	UCRCA 6072H	-
	3	UCRCA 4573H	UCRCA 5073H	UCRCA 6073H	-
	4	UCRCA 4574H	UCRCA 5074H	UCRCA 6074H	-
	5	UCRCA 4575H	UCRCA 5075H	UCRCA 6075H	-
	6	UCRCA 4576H	UCRCA 5076H	UCRCA 6076H	-
	7	UCRCA 4577H	UCRCA 5077H	UCRCA 6077H	-
	8	UCRCA 4578H	UCRCA 5078H	UCRCA 6078H	-

R

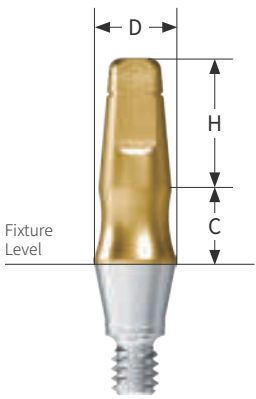
Non-Hex

Diameter		Ø4.5	Ø5.0	Ø6.0	Ø7.0
Height 4	Cuff 2	UCRCA 4542N	UCRCA 5042N	UCRCA 6042N	-
	3	UCRCA 4543N	UCRCA 5043N	UCRCA 6043N	-
	4	UCRCA 4544N	UCRCA 5044N	UCRCA 6044N	-
	5	UCRCA 4545N	UCRCA 5045N	UCRCA 6045N	-
	6	UCRCA 4546N	UCRCA 5046N	UCRCA 6046N	-
	7	UCRCA 4547N	UCRCA 5047N	UCRCA 6047N	-
	8	UCRCA 4548N	UCRCA 5048N	UCRCA 6048N	-
Height 5.5	Cuff 2	UCRCA 4552N	UCRCA 5052N	UCRCA 6052N	UCRCA 7052N
	3	UCRCA 4553N	UCRCA 5053N	UCRCA 6053N	UCRCA 7053N
	4	UCRCA 4554N	UCRCA 5054N	UCRCA 6054N	UCRCA 7054N
	5	UCRCA 4555N	UCRCA 5055N	UCRCA 6055N	UCRCA 7055N
	6	UCRCA 4556N	UCRCA 5056N	UCRCA 6056N	UCRCA 7056N
	7	UCRCA 4557N	UCRCA 5057N	UCRCA 6057N	UCRCA 7057N
	8	UCRCA 4558N	UCRCA 5058N	UCRCA 6058N	UCRCA 7058N
Height 7	Cuff 2	UCRCA 4572N	UCRCA 5072N	UCRCA 6072N	-
	3	UCRCA 4573N	UCRCA 5073N	UCRCA 6073N	-
	4	UCRCA 4574N	UCRCA 5074N	UCRCA 6074N	-
	5	UCRCA 4575N	UCRCA 5075N	UCRCA 6075N	-
	6	UCRCA 4576N	UCRCA 5076N	UCRCA 6076N	-
	7	UCRCA 4577N	UCRCA 5077N	UCRCA 6077N	-
	8	UCRCA 4578N	UCRCA 5078N	UCRCA 6078N	-

* Made to order

Solid Abutment

- *Special Line-up : Ø3.5 single specification
- Used for CRP type prosthesis fabrication in narrow prosthetic spaces, following Ø3.0 Healing Abutment.
- Ultra-precise connection with a tolerance of 1/1000 mm
 - Natural S-Curve design : minimizes bone interference in deep placement
 - Optimized internal radius (R-value) eliminates interference issues during zirconia prosthesis fabrication
 - Allows direct impression taking at the abutment level
 - Use Solid Ø3.0 Outer Driver (USAD 3006B)
 - Packing Unit : Abutment
 - Tightening Torque : 30~35Ncm

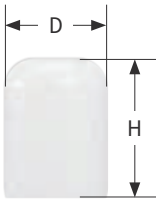


Unit mm

R Hex	Regular							
	Fixture Size							
	Diameter							
	Ø3.5 (For mandible, anterior, and premolar use)							
Cuff		2	3	4	5	6	7	8
Height	4.0	UCRSA 3042	UCRSA 3043	UCRSA 3044	UCRSA 3045	UCRSA 3046	UCRSA 3047	UCRSA 3048
	5.5	UCRSA 3052	UCRSA 3053	UCRSA 3054	UCRSA 3055	UCRSA 3056	UCRSA 3057	UCRSA 3058
	7	UCRSA 3072	UCRSA 3073	UCRSA 3074	UCRSA 3075	UCRSA 3076	UCRSA 3077	UCRSA 3078

Abutment Protect Cap

- Used to protect abutments intraorally and minimize patient discomfort
- Suitable for temporary use during provisional restoration
 - Provides excellent locking stability



Unit mm

R	Regular				
	Fixture Size				
	Diameter				
	Ø4.5 Ø5.0 Ø6.0 Ø7.0				
Height	4.0	UCRAPC 454	UCRAPC 504	UCRAPC 604	-
	5.5	UCRAPC 455	UCRAPC 505	UCRAPC 605	UCRAPC 705
	7	UCRAPC 457	UCRAPC 507	UCRAPC 607	-

Abutment Impression Cap

- Used for abutment impression taking
- Provides excellent locking stability

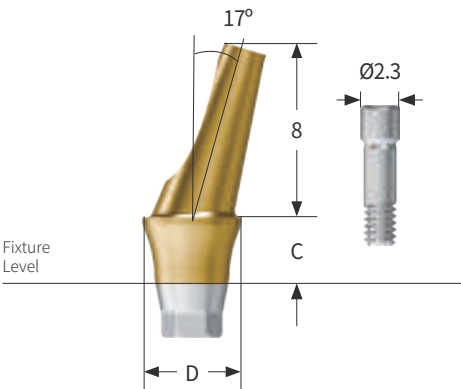


Unit mm

R	Regular			
	Fixture Size			
	Height			
	4.0 5.5 7.0			
Diameter	Ø4.5	UCRAIC 454	UCRAIC 455	UCRAIC 457
	Ø5.0	UCRAIC 504	UCRAIC 505	UCRAIC 507
	Ø6.0	UCRAIC 604	UCRAIC 605	UCRAIC 607
	Ø7.0	-	UCRAIC 705	-
Color	Yellow	Gray	Blue	

Angled Abutment

- Used mainly for anterior teeth when correcting the prosthetic path.
- Used for standard CRP / SCRP prosthetic fabrication
 - Ultra-precise connection with a tolerance of 1/1000 mm
 - Natural S-Curve design : minimizes bone interference in deep placement
 - Hex section divided into Type A and Type B to overcome directional limitations of the abutment
 - Connection upper area gold-colored for improved esthetics
 - Use 1.2 Hex Driver
 - Packing Unit : Abutment + Abutment Screw
 - Tightening Torque : 30~35Ncm



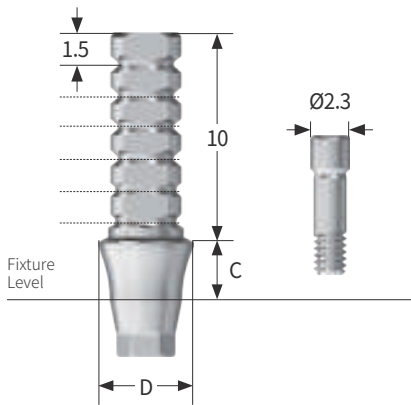
Unit mm

R	Regular			
	Fixture Size			
	Diameter			
	Ø4.5 Ø5.0 Ø6.0			
Hex A	Cuff 3	UCRAA 4583AH	UCRAA 5083AH	UCRAA 6083AH
	4	UCRAA 4584AH	UCRAA 5084AH	UCRAA 6084AH
	5	UCRAA 4585AH	UCRAA 5085AH	UCRAA 6085AH
Hex B	Cuff 3	UCRAA 4583BH	UCRAA 5083BH	UCRAA 6083BH
	4	UCRAA 4584BH	UCRAA 5084BH	UCRAA 6084BH
	5	UCRAA 4585BH	UCRAA 5085BH	UCRAA 6085BH
Non-Hex	Cuff 3	UCRAA 4583N	UCRAA 5083N	UCRAA 6083N
	4	UCRAA 4584N	UCRAA 5084N	UCRAA 6084N
	5	UCRAA 4585N	UCRAA 5085N	UCRAA 6085N

* Made to order

Temporary Abutment

- Used for temporary prosthetic fabrication
- Natural S-Curve design : minimizes bone interference in deep placement
 - Post step designed with 1.5 mm intervals for easy cutting
 - Use 1.2 Hex Driver
 - Packing Unit : Abutment + Abutment Screw
 - Tightening Torque : 20Ncm



Unit mm

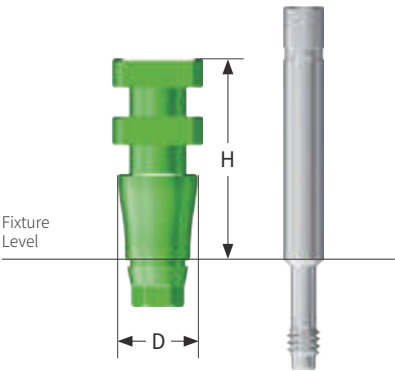
R	Fixture Size		Regular	
	Diameter		Ø4.5	
	Type	Hex		Non-Hex
	Cuff 2	UCRTA 4502H		UCRTA 4502N
	3	UCRTA 4503H		UCRTA 4503N
	4	UCRTA 4504H		UCRTA 4504N
	5	UCRTA 4505H		UCRTA 4505N

Abutment Components

Pick-up Impression Coping

Pick-up type for impression taking using open tray

- Natural S-Curve design : easy connection after healing without gingival resistance
- Clear design for misfit detection: ex) a groove visible above the fixture indicates improper connection
- Head design minimizes interference when using multiple pick-up impressions
- Use 1.2 Hex Driver / Packing Unit : Impression Coping + Coping Screw



Unit mm

R

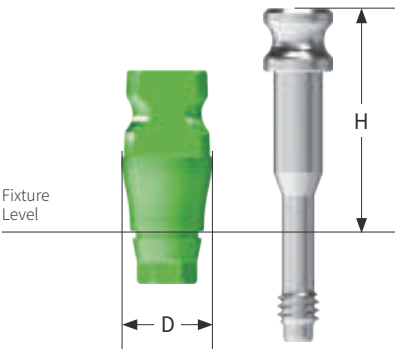
Hex

Fixture Size		Regular			
Diameter		Ø4.0	Ø4.5	Ø5.0	Screw
Height	11	UCRPIC 4011H	UCRPIC 4511H	UCRPIC 5011H	UCRPIC P11
	15	UCRPIC 4015H	UCRPIC 4515H	UCRPIC 5015H	UCRPIC P15
	19	UCRPIC 4019H	UCRPIC 4519H	UCRPIC 5019H	UCRPIC P19

Transfer Impression Coping

Transfer type for impression taking using closed tray

- Natural S-Curve design : easy connection after healing without gingival resistance
- Specifications can be identified by cross-sectional shape of the post by height
- Clear design for misfit detection: ex) a groove visible above the fixture indicates improper connection
- Can be used for bite impression when screw is replaced (UCRTIC S0)
- Use 1.2 Hex Driver / Packing Unit : Impression Coping + Coping Screw



Unit mm

R

Hex

Fixture Size		Regular			
Diameter		Ø4.0	Ø4.5	Ø5.0	Screw
Height	10	UCRTIC 4043H	UCRTIC 4543H	UCRTIC 5043H	UCRTIC S3
	12	UCRTIC 4045H	UCRTIC 4545H	UCRTIC 5045H	UCRTIC S5
	14	UCRTIC 4047H	UCRTIC 4547H	UCRTIC 5047H	UCRTIC S7

Lab Analog

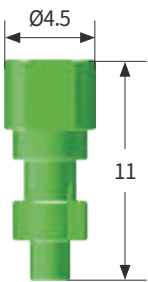
Replicating oral Fixture shape on working model

※ Not a medical device

Unit mm

R

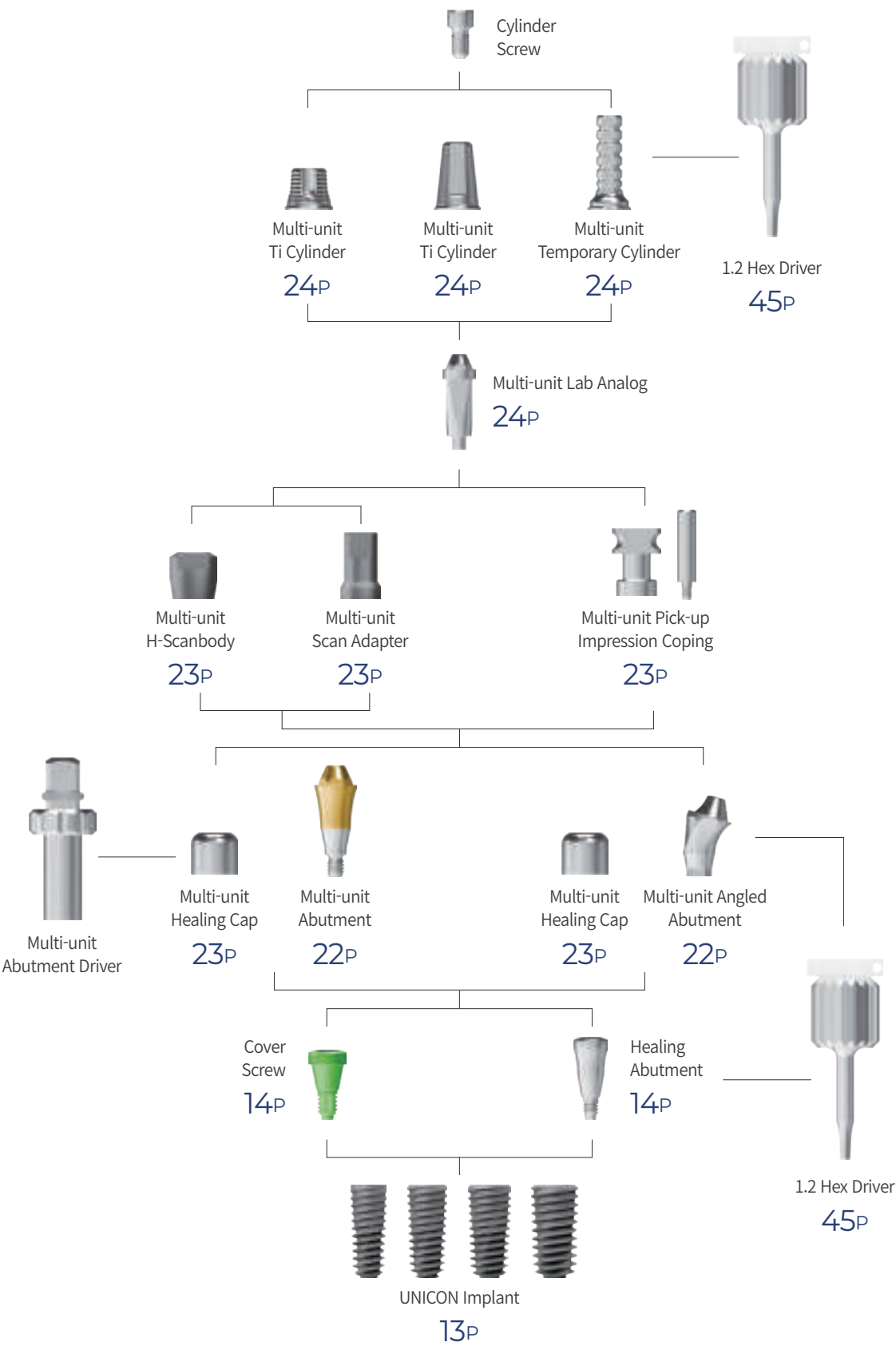
Fixture Size		Regular
Diameter		Ø4.5
Height 11		UCRLA



D:O IMPLANT

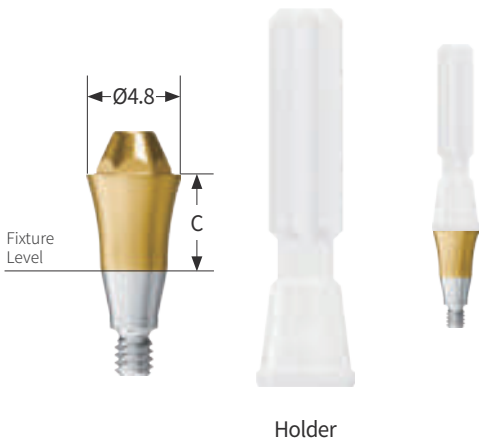
Multi-unit | Multi-unit Angled Abutment

Prosthetic Flow Chart



Multi-unit Abutment

- Used for Long Span Bridge prosthesis in multiple cases
- Ultra-precise connection with a tolerance of 1/1000 mm
 - Natural S-Curve design : easy connection after healing without gingival resistance
 - Same platform as Multi-unit Angled Abutment
 - Use Multi-unit Abutment Driver : Ratchet (UMADR 33B) / Machine (UMADM 33)
 - Packing Unit : Multi-unit Abutment + Multi-unit Abutment Holder (UCRMASH)
 - Tightening Torque : 30~35Ncm



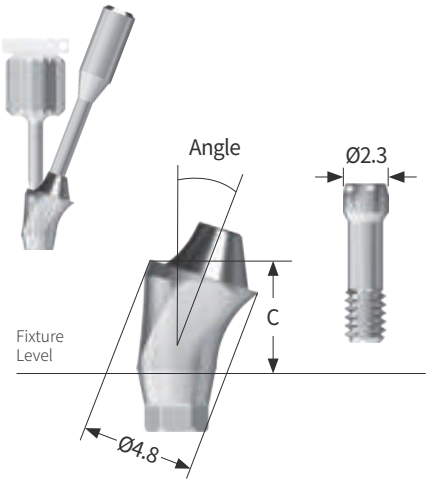
R
D $\varnothing 4.8$

Fixture Size	Regular						
Diameter	$\varnothing 4.8$						
Cuff	1	2	3	4	5	6	7
Code	UCRMA 4801	UCRMA 4802	UCRMA 4803	UCRMA 4804	UCRMA 4805	UCRMA 4806	UCRMA 4807

Unit mm

Multi-unit Angled Abutment

- Used for Long Span Bridge prosthesis in multiple cases
- Ultra-precise connection with a tolerance of 1/1000 mm
 - Natural S-Curve design : easy connection after healing without gingival resistance
 - Same platform as Multi-unit Angled Abutment
 - Cylinder product line can only be used with Non-Hex
 - Use 1.2 Hex Driver
 - Packing Unit : Multi-unit Angled Abutment + Multi-unit Angled Abutment Screw (UCRMABS) + Multi-unit Abutment Holder (UCRMAAH)
 - Tightening Torque : 30~35Ncm



R
D $\varnothing 4.8$

Fixture Size	Regular			
Diameter	$\varnothing 4.8$			
Type	Hex			
Angle	17°		30°	
Cuff 2	UCR17MA 4802H			
3	UCR17MA 4803H		UCR30MA 4803H	
4	UCR17MA 4804H		UCR30MA 4804H	
5	UCR17MA 4805H		UCR30MA 4805H	
6	UCR17MA 4806H		UCR30MA 4806H	
7	UCR17MA 4807H		UCR30MA 4807H	
Screw	UCRMABS			

Unit mm

Multi-unit Abutment Components

Multi-unit Healing Cap

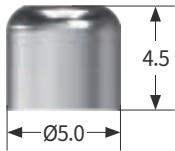
Protect abutments intraorally and minimizes patient discomfort

- Dedicated to Multi-unit, Multi-unit Angled Abutment
- Use 1.2 Hex Driver / Tightening Torque : 5~8Ncm

R

Fixture Size	Regular	
Diameter	Ø5.0	
Height 4.5	HCN 40504	

Unit mm



Multi-unit Pick-up Impression Coping

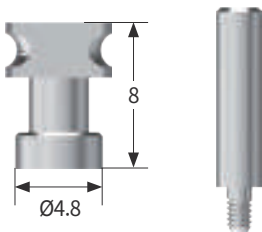
Pick-up Type Impression Coping for abutment level impression taking

- Use Open tray / Dedicated to Multi-unit, Multi-unit Angled Abutment
- Use 1.2 Hex Driver / Packing Unit : Pick-up Impression Coping + Guide Pin

R

Fixture Size	Regular		
Diameter	Ø4.8		
Type	Hex	Non-Hex	
Height 8	IPN 40508	IPN 40508N	
Guide Pin	PCN 40310	PCN 40310S	

Unit mm



Multi-unit H-Scanbody

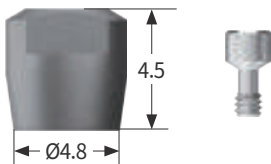
Enable digital impression taking at healing and abutment levels

- Dedicated to Multi-unit, Multi-unit Angled Abutment
- Use 1.2 Hex Driver / Packing Unit : H-Scanbody + H-Scanbody Screw (CHSBS 04)
- Tightening Torque : 5~8Ncm

R

Fixture Size	Regular	
Diameter	Ø4.8	
Type	Hex	Non-Hex
Height 4.5	CHSB 4805	MRHSB 4805

Unit mm



Multi-unit Scan Adapter

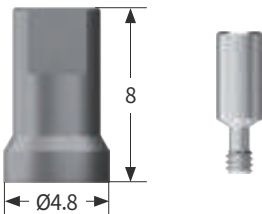
Used for digital impression taking at abutment level

- Use 1.2 Hex Driver / Packing Unit : H-Scanbody + H-Scanbody Screw (CHCANS 07)
- Tightening Torque : 5~8Ncm

R

Fixture Size	Regular	
Diameter	Ø4.8	
Type	Hex	Non-Hex
Height 8	CSAN 4808	MRSCAN 4808

Unit mm



* — : To be released in the first half of 2026

* — : To be released in the first half of 2026

Multi-unit Lab Analog

Used to replicate multi-unit abutments on working models (stone model)

R

Fixture Size	Regular	
Diameter	Ø4.8	
Height 14.2	UCRMLA	

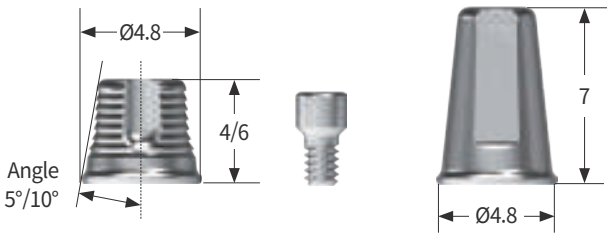
Unit mm



Multi-unit Ti Cylinder

Used for fabricating CRP/SCRIP type prosthetics

- Dedicated to Multi-unit, Multi-unit Angled Abutment
- Use 1.2 Hex Driver
- Packing Unit : Ti Cylinder + Cylinder Screw (UCRMACS)
- Tightening Torque : 20Ncm



R

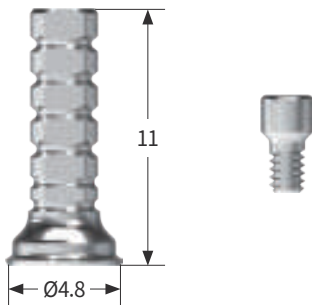
Fixture Size							Regular	
Diameter			Ø4.8				Ø4.8	
Type		Hex		Non-Hex		Hex	Non-Hex	
Angle		5°	10°	5°	10°			
Height	4	UCRMCC 405H	UCRMCC 410H	UCRMCC 405N	UCRMCC 410N	-	-	
	6	UCRMCC 605H	-	UCRMCC 605N	-	-	-	
	7	-	-	-	-	UCRMCC 487H	UCRMCC 487N	

Unit mm

Multi-unit Temporary Cylinder

Used for fabricating temporary prosthetics at abutment level

- Use 1.2 Hex Driver
- Packing Unit : Temporary Cylinder + Cylinder Screw (UCRMACS)
- Tightening Torque : 20Ncm



R

Fixture Size	Regular	
Diameter	Ø4.8	
Type	Hex	Non-Hex
Height 11	UCRMAT 480H	UCRMAT 480N

Unit mm

Angled Torque Driver 1.2 Hex Driver

DeSR Direct Screw 29P

Direct Crown

Temporary Crown

DeSR Digital Analog 28P

DeSR Lab Analog 29P

DeSR Base Abutment Cap Screw 28P

DeSR H-Scanbody 27P

DeSR Scan Adapter 27P

DeSR Transfer Impression Coping 28P

DeSR Base Abutment Cap 28P

DeSR Healing Cap (Short) 27P

DeSR Base Abutment (Short) 26P

DeSR Healing Cap (Long) 27P

DeSR Base Abutment (Long) 26P

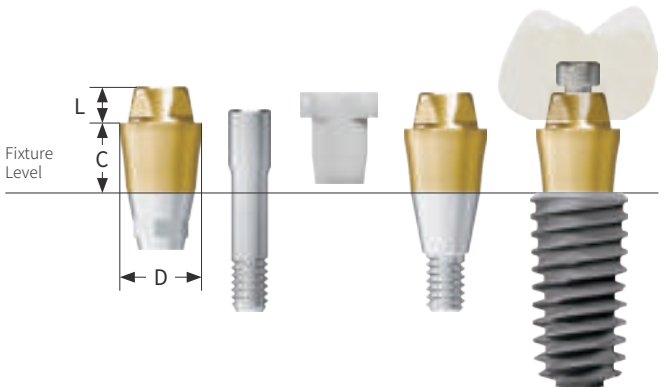
1.2 Hex Driver 45P

UNICON Implant 13P

DeSR Base Abutment

Used for screw-retained zirconia prosthetic fabrication

- Path compensation angle : $\varnothing 4.2 - 20^\circ / \varnothing 4.8, \varnothing 5.5 - 30^\circ$
- Packing Unit : Hex (Base Abutment + Screw + Holder) /
Non-Hex (Base Abutment)
- Tightening Torque : 30~35Ncm



Unit mm

R

Short

Fixture Size			Regular		
Diameter		Ø4.2	Ø4.8	Ø5.5	
Hex	Length 1.8	Cuff 1.5	-	DSRBA 4801H	DSRBA 5501H
		2.5	DSRBA 4202H	DSRBA 4802H	DSRBA 5502H
		3.5	DSRBA 4203H	DSRBA 4803H	DSRBA 5503H
		4.5	DSRBA 4204H	DSRBA 4804H	DSRBA 5504H
		5.5	DSRBA 4205H	DSRBA 4805H	DSRBA 5505H
		6.5	DSRBA 4206H	DSRBA 4806H	DSRBA 5506H
		7.5	DSRBA 4207H	DSRBA 4807H	DSRBA 5507H
Non-Hex	Length 1.8	Cuff 1.5	-	DSRBA 4801N	DSRBA 5501N
		2.5	DSRBA 4202N	DSRBA 4802N	DSRBA 5502N
		3.5	DSRBA 4203N	DSRBA 4803N	DSRBA 5503N
		4.5	DSRBA 4204N	DSRBA 4804N	DSRBA 5504N
		5.5	DSRBA 4205N	DSRBA 4805N	DSRBA 5505N
		6.5	DSRBA 4206N	DSRBA 4806N	DSRBA 5506N
		7.5	DSRBA 4207N	DSRBA 4807N	DSRBA 5507N

Unit mm

R

Long

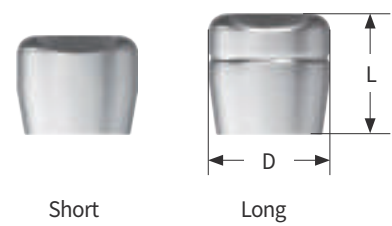
Fixture Size			Regular		
Diameter		Ø4.2	Ø4.8		Ø5.5
Hex	Length 2.8	Cuff 1.5	-	DSRBAL 4801H	DSRBAL 5501H
		2.5	DSRBAL 4202H	DSRBAL 4802H	DSRBAL 5502H
		3.5	DSRBAL 4203H	DSRBAL 4803H	DSRBAL 5503H
		4.5	DSRBAL 4204H	DSRBAL 4804H	DSRBAL 5504H
		5.5	DSRBAL 4205H	DSRBAL 4805H	DSRBAL 5505H
		6.5	DSRBAL 4206H	DSRBAL 4806H	DSRBAL 5506H
		7.5	DSRBAL 4207H	DSRBAL 4807H	DSRBAL 5507H
Non-Hex	Length 2.8	Cuff 1.5	-	DSRBAL 4801N	DSRBAL 5501N
		2.5	DSRBAL 4202N	DSRBAL 4802N	DSRBAL 5502N
		3.5	DSRBAL 4203N	DSRBAL 4803N	DSRBAL 5503N
		4.5	DSRBAL 4204N	DSRBAL 4804N	DSRBAL 5504N
		5.5	DSRBAL 4205N	DSRBAL 4805N	DSRBAL 5505N
		6.5	DSRBAL 4206N	DSRBAL 4806N	DSRBAL 5506N
		7.5	DSRBAL 4207N	DSRBAL 4807N	DSRBAL 5507N

DeSR Abutment Components

DeSR Healing Cap

Used when fixture does not achieve adequate initial stability, protecting abutments intraorally and minimizing patient discomfort

- Tightening Torque : 5~8Ncm



R

Fixture Size		Regular		
Diameter		Ø4.2	Ø4.8	Ø5.5
Short	Length 4.5	DSRNHC 4204	DSRHC 4804	DSRHC 5504
Long	Length 5.5	DSRNHCL 4205	DSRHCL 4805	DSRHCL 5505

※ Components must correspond to the Base Abutment Short or Long Type.

DeSR H-Scanbody

Enable digital impression taking at healing and abutment levels

- Tightening Torque : 5~8Ncm



R

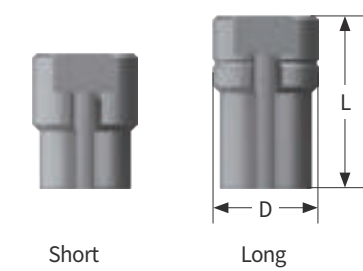
Fixture Size		Regular		
Diameter		Ø4.2	Ø4.8	Ø5.5
Short	Length 4.5	DSRNHSB 4204	DSRHSB 4804	DSRHSB 5504
Long	Length 5.5	DSRNHSBL 4205	DSRHSBL 4805	DSRHSBL 5505
	Jig	JIG 501	JIG 1551	JIG 602

※ Components must correspond to the Base Abutment Short or Long Type.

DeSR Scan Adapter

Used for digital impression taking at abutment level

- Tightening Torque : 5~8Ncm



R

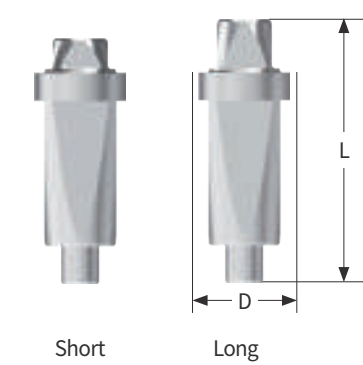
Fixture Size		Regular		
Diameter		Ø4.2	Ø4.8	Ø5.5
Short	Length 7	DSRNSA 4207	DSRSA 4807	DSRSA 5507
Long	Length 9	DSRNSAL 4209	DSRSAL 4809	DSRSAL 5509

※ Components must correspond to the Base Abutment Short or Long Type.

DeSR Digital Analog

Used to replicate DeSR abutments on 3D printer models

- Tightening Torque : 5~8Ncm



R

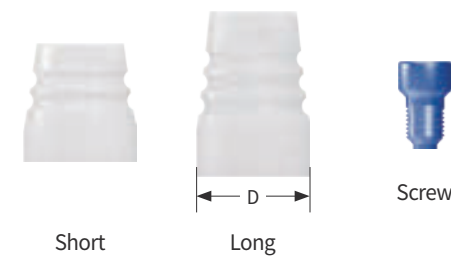
Fixture Size		Regular	
Diameter		Ø4.2	Ø4.8
Short	Length 13	DSRND4 42	DSRDA 48
Long	Length 14	DSRND4L 42	DSRDAL 48

※ Components must correspond to the Base Abutment Short or Long Type.

DeSR Base Abutment Cap

Used for temporary crown fabrication by engaging with base abutment intraorally

- Packing Unit : Base Abutment Cap + Screw (DSRBACS 1804H)
- Tightening Torque : 20Ncm



R

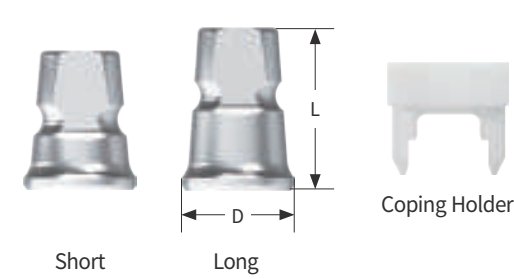
Fixture Size		Regular		
Diameter		Ø4.2	Ø4.8	Ø5.5
Short	Hex	DSRBAC 4205H	DSRBAC 4805H	DSRBAC 5505H
	Non-Hex	DSRBAC 4205N	DSRBAC 4805N	DSRBAC 5505N
Long	Hex	DSRBACL 4207H	DSRBACL 4807H	DSRBACL 5507H
	Non-Hex	DSRBACL 4207N	DSRBACL 4807N	DSRBACL 5507N

※ Components must correspond to the Base Abutment Short or Long Type.

DeSR Transfer Impression Coping

Transfer type impression coping for abutment level impression taking

- Packing Unit : Transfer Impression Coping + Coping Screw (DSRTIS 05)
- Tightening Torque : 5~8Ncm



R

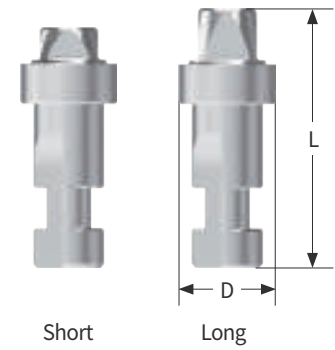
Fixture Size		Regular		
Diameter		Ø4.2	Ø4.8	Ø5.5
Short	5.5mm	DSRNTI 4205H	DSRTI 4805H	DSRTI 5505H
Long	6.5mm	DSRNTIL 4206H	DSRTIL 4806H	DSRTIL 5506H
Coping Holder		DSRTIH 4248		DSRTIH 5565

※ Components must correspond to the Base Abutment Short or Long Type.

DeSR Abutment Components

DeSR Lab Analog

Used to replicate DeSR abutments on working models (stone model)



Unit mm

R

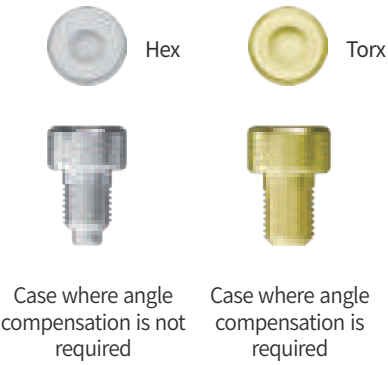
Fixture Size		Regular		
Diameter		Ø4.2	Ø4.8	Ø5.5
Short	Length 12	DSRNLA 42	DSRLA 48	DSRLA 55
Long	Length 13	DSRNLA 42	DSRLAL 48	DSRLAL 55

※ Components must correspond to the Base Abutment Short or Long Type.

DeSR Direct Screw

Dedicated for direct crown

- Straight Type : DSRDS 1804H / Angled type : DSRDS 1804T
- Use HD 1200A Hex Driver / ATD 1700 Torx Driver
- Tightening Torque : 25Ncm



Unit mm

R

Fixture Size		Regular	
Type	1.2 Hex	Torx	
	DSRDS 1804H	DSRDS 1804T	

DeSR Crown Contact Screw

Used to check initial contact when engaging crowns intraorally



Unit mm

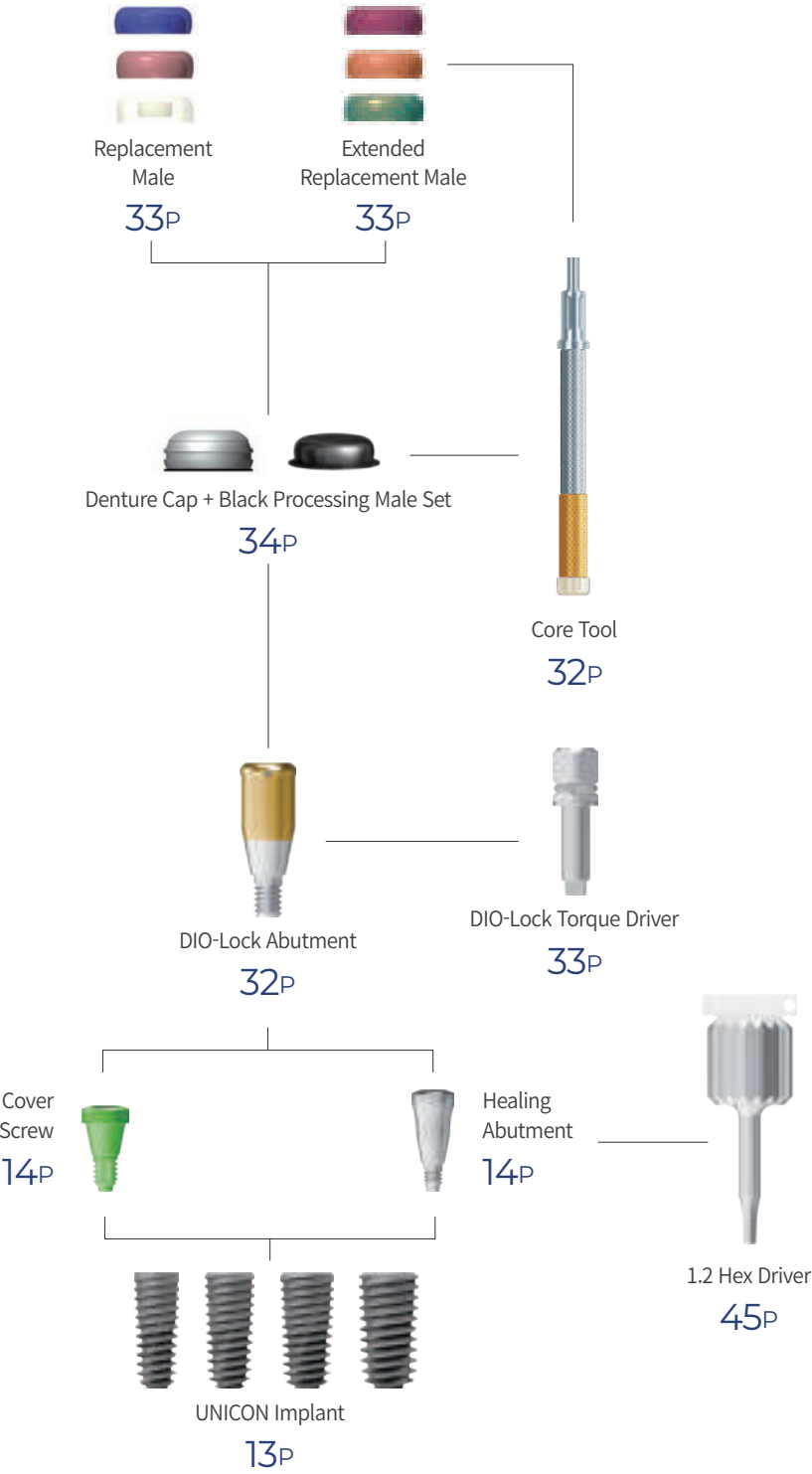
R

Fixture Size		Regular
Height 7		DSRCSS 18S



Overdenture

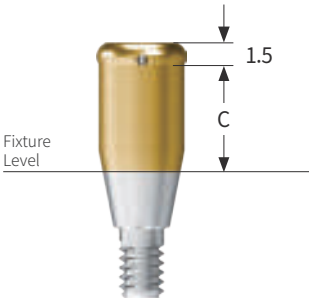
DIO-Lock Prosthetic Flow Chart



DIO-Lock Abutment (Submerged)

Upgraded from conventional denture systems (O-Ring System, Bar Type System, etc.) the DIO-Lock Abutment is connected to the fixture and engages with the male part attached to the denture, allowing connection and disconnection

- Use DIO-Lock Torque Driver
- Tightening Torque : 30~35Ncm



Unit mm

R

Fixture Size	Regular
Cuff 1	LCAS 3701
2	LCAS 3702
3	LCAS 3703
4	LCAS 3704
5	LCAS 3705
6	LCAS 3706
7	LCAS 3707

DIO-Lock Abutment (Submerged) Components

Lab Analog

Lab analog for Abutment



R

Fixture Size	Regular
	LCALA 3910

Core Tool

Used for engaging and disengaging Replacement Male with Denture Cap

- Separated into 3 pieces and can also be used as Hand Driver for DIO-Lock Abutment



R

Fixture Size	Regular
	08393

DIO-Lock Abutment (Submerged) Components

DIO-Lock Torque Driver

Torque Driver for DIO-Lock Abutment

R

Fixture Size	Regular	
Length	10	15
	LDW 5010	LDW 5015

Unit mm

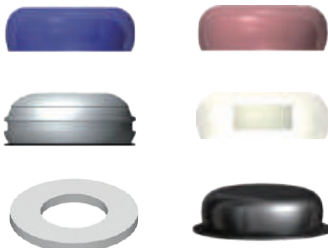


Male Package

- Packing Unit : 2Set - Denture Cap + Replacement Male (White, Pink, Blue) + Block-out Spacer + Black Processing Male
- Select and use appropriate retention force male according to case
- Replace male using locator Core Tool

R

Fixture Size	Regular
Type	2Set
	08519-2



Replacement Male

Medium for denture retention force implementation, replace when retention decreases / angle compensation up to 20°

- Packing Unit : 4ea

R

Fixture Size	Regular		
Retention	6N	12N	22N
	08529	08527	08524
Intensity	Weak	Intermediate	Strong



Extended Replacement Male

Medium for denture retention force implementation, replace when retention decreases / angle compensation up to 40°

- Packing Unit : 4ea

R

Fixture Size	Regular		
Retention	4N	8N	16N
	LOC 08548	LOC 08915	LOC 08547
Intensity	Weak	Intermediate	Strong



Denture Cap + Black Processing Male Set

- Packing Unit : Denture Cap 4ea + Black Processing Male 4ea

R

Fixture Size	Regular
	08510



Black Processing Male

Male used during prosthetic procedures

- Packing Unit : 4ea

R

Fixture Size	Regular
	08515



Block-Out Spacer

Used for sealing space between abutment and denture cap

- Packing Unit : 20ea

R

Fixture Size	Regular
	08514



Impression Coping

Abutment용 Pick-up Impression Coping

- Packing Unit : Impression Coping 4ea + Black Processing Male 4ea

R

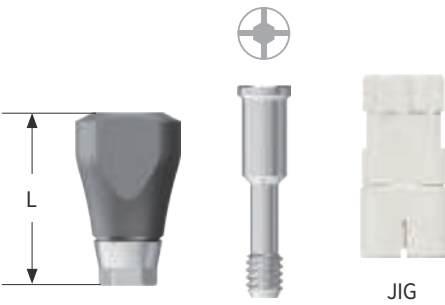
Fixture Size	Regular
	08505



Digital Components

H-Scanbody / Jig

- Packing Unit : H-Scanbody + Scan Screw
- Tightening Torque : 5~8Ncm
- Jig sold separately



R

D Ø5.0

*Sold separately

Unit mm

Regular					
Fixture Size					
Length		4	6	8	
Top view					
Screw		HSCAN 541H	HSCAN 561H	JIG 501	
		SSCAN 2009H	SSCAN 2011H	SSCAN 2013H	

R

D Ø6.0

Top view					
Screw		HSCAN 641H	HSCAN 661H	JIG 601	
		SSCAN 2009H	SSCAN 2011H	SSCAN 2013H	

R

D Ø6.0

Top view					
Screw		HSCAN 642H	HSCAN 662H	JIG 602	
		SSCAN 2009H	SSCAN 2011H	SSCAN 2013H	

R

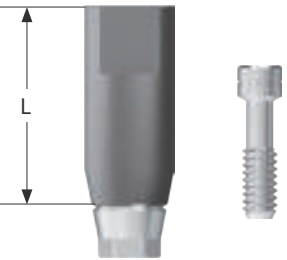
D Ø7.0

Top view					
Screw		HSCAN 741H	HSCAN 761H	JIG 701	
		SSCAN 2009H	SSCAN 2011H	SSCAN 2013H	

Scan Adapter

Connected to intraoral fixtures or lab analogs on stone models for scanning with intraoral scanners or desktop scanners to fabricate customized abutments

- Packing Unit : Scan Adapter + Screw
- Tightening Torque : 5~8Ncm



R

Unit mm

Regular		
Fixture Size		Screw
Length		
9		SSC 2008H
SCAN 01[H]		

Pre-Milled Bar

- Packing Unit : Pre-Milled Bar + Screw (SSC 2008H) (2ea)
- Tightening Torque : 30~35Ncm



R

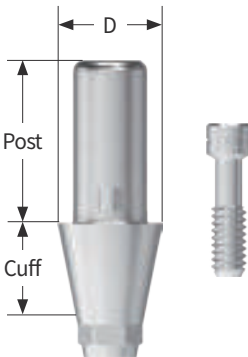
Unit mm

Regular				
Fixture Size				
Type		Hex		Non-Hex
Diameter		Ø10	Ø12	Ø10
		CBSS 01[H]	CBSS 02[H]	CBSS 01N[H]
				CBSS 02N[H]

Hybrid Link

Titanium extends to implant platform contact area, with zirconia post fabricated and bonded for easy anterior prosthetic fabrication

- Packing Unit : Hybrid Link + Screw (SSC 2008H)
- Tightening Torque : 30~35Ncm



R

Unit mm

Regular					
Fixture Size					
Diameter		Ø4.5		Ø5.5	
Type		Hex	Non-Hex	Hex	Non-Hex
Post 4	Cuff 1	UFHL 45401H[H]	UFHL 45401N[H]	UFHL 55401H[H]	UFHL 55401N[H]
	2	UFHL 45402H[H]	UFHL 45402N[H]	UFHL 55402H[H]	UFHL 55402N[H]
	3	UFHL 45403H[H]	UFHL 45403N[H]	UFHL 55403H[H]	UFHL 55403N[H]
Post 5.5	Cuff 1	UFHL 45501H[H]	UFHL 45501N[H]	UFHL 55501H[H]	UFHL 55501N[H]
	2	UFHL 45502H[H]	UFHL 45502N[H]	UFHL 55502H[H]	UFHL 55502N[H]
	3	UFHL 45503H[H]	UFHL 45503N[H]	UFHL 55503H[H]	UFHL 55503N[H]
Post 7	Cuff 1	UFHL 45701H[H]	UFHL 45701N[H]	UFHL 55701H[H]	UFHL 55701N[H]
	2	UFHL 45702H[H]	UFHL 45702N[H]	UFHL 55702H[H]	UFHL 55702N[H]
	3	UFHL 45703H[H]	UFHL 45703N[H]	UFHL 55703H[H]	UFHL 55703N[H]

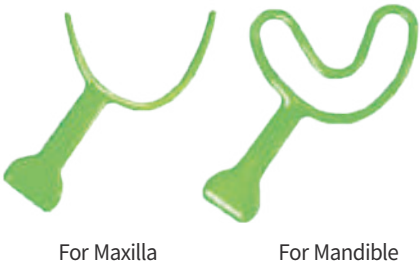
Digital Components

Scan Retractor

Improve accuracy of edentulous oral scanning while removing interfering factors to reduce scanning time

- Clear recognition of maxillary palatal area
- Control tongue/cheek movement
- Serve as reference point for oral scanning (mandible)
- Packing Unit : Each maxillary 1 set (5 pieces) / mandibular 1 set (5 pieces)

Type	Upper	Lower
Code	SCANR 01S	SCANR 02S



Wax Denture

Thermoplastic material product enabling easy manipulation for patient gingival and occlusal registration

- Used for edentulous patients
- Easy custom fabrication
- Scannable with intraoral scanner
- Packing Unit : Each maxillary 1 piece / mandibular 1 piece

Type	Upper	Lower
Small	WDU 01	WDL 01
Medium	WDU 02	WDL 02
Large	WDU 03	WDL 03



Marker

Used when reference teeth for registration are absent

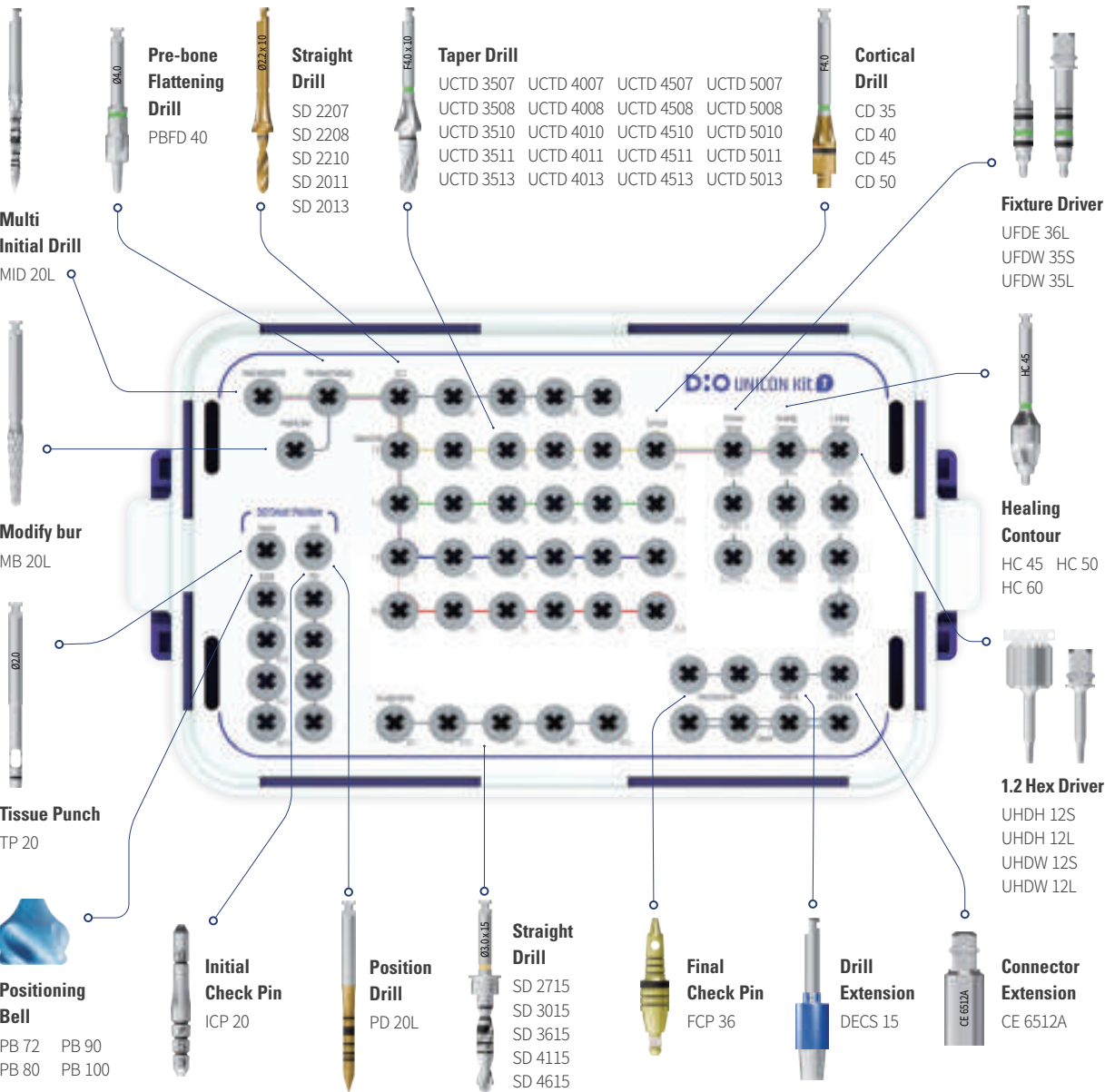
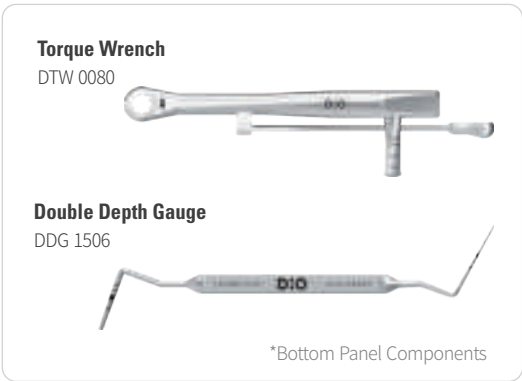
- For use in CT scanning for digital implant procedures
- Packing Unit : 1Set (30ea)

Code	SGM 5040
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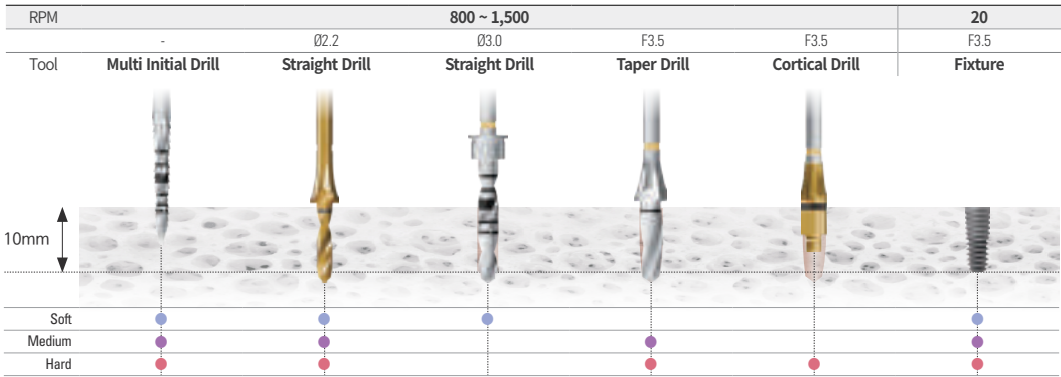
UNICON Kit 7 (UK 07) Kit

- Features the Smart Position System to pre-plan implant distance and prosthesis
- Taper design with excellent cutting efficiency and drill stop for easy depth control
- Flowline design follows left-to-right, procedural workflow

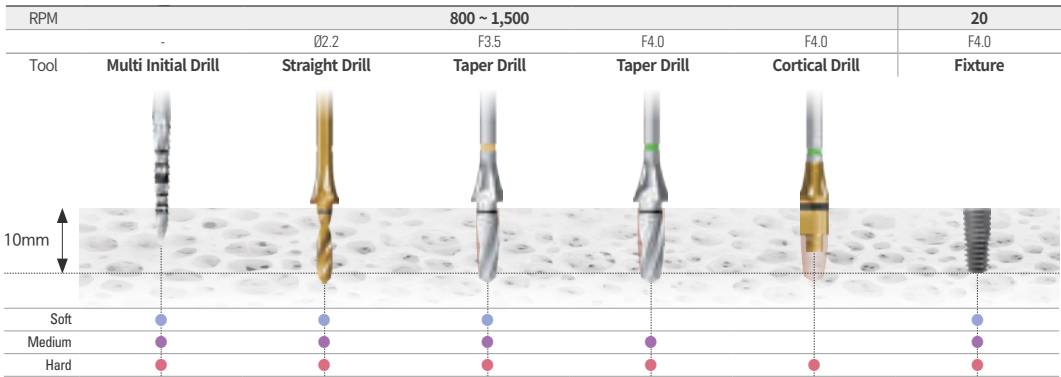


UNICON Fixture Drilling Sequence Kit

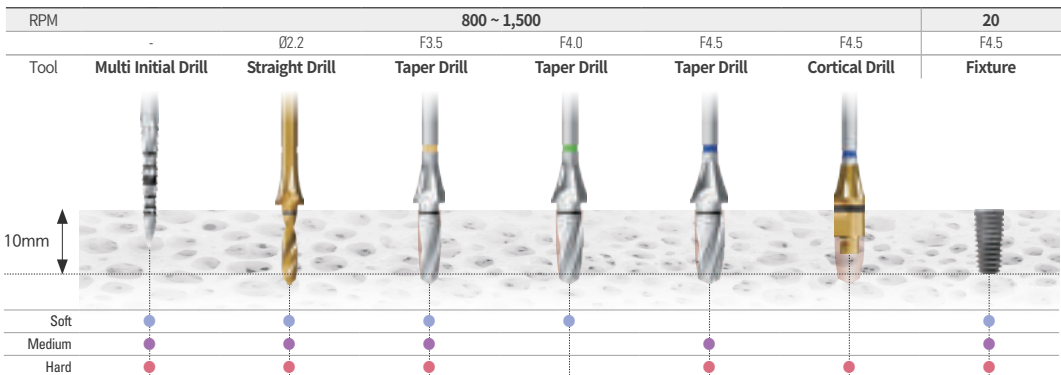
F3.5
Fixture



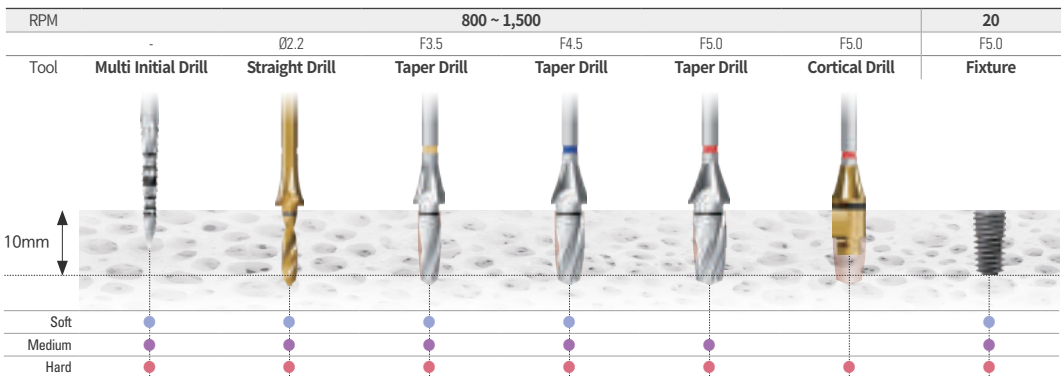
F4.0
Fixture



F4.5
Fixture



F5.0
Fixture



Surgical Instruments Kit

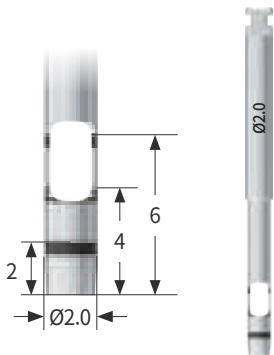
Ø2.0 Tissue Punch

Used to remove gingiva at the intended implant placement site

- Can be used for positioning when connected to the Positioning Bell

Unit mm

Diameter	Ø2.0
Code	TP 20



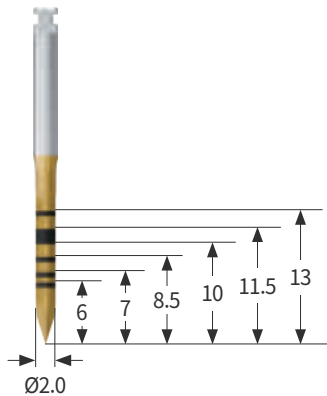
Position Drill

Used to mark the initial position of the implant

- Can be used for positioning when connected to the Positioning Bell

Unit mm

Diameter	Ø2.0
Code	PD 20L



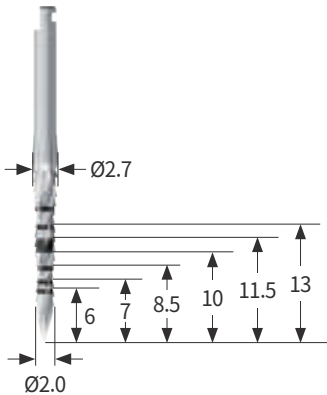
Multi Initial Drill

Used to create the initial drilling hole or adjust drilling direction

- Designed to prevent slipping on inclined bone

Unit mm

Diameter	Ø2.0 - Ø2.7
Code	MID 20L



Modify Bur

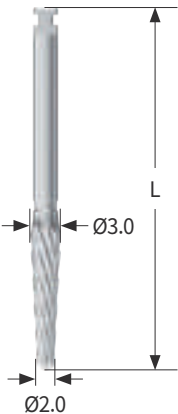
Used for correcting irregular ridges and for enlarging the site after extraction and initial drilling

- 2000 rpm

*Sold separately

Unit mm

Diameter	Ø2.0 - Ø3.0	
Length	30	34
Code	MB 20S	MB 20L

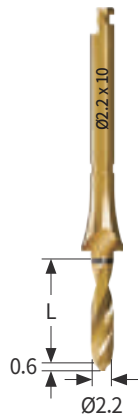


Straight Drill (Ø2.2)

Used for forming the initial drilling hole

Unit mm

Diameter	Ø2.2				
Length	7	8.5	10	11.5	13
Code	SD 2207	SD 2208	SD 2210	SD 2011	SD 2013



Pre-Bone Flattening Drill

Used to prepare the implant site after extraction (single root)

*Sold separately

Unit mm

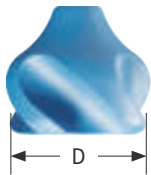
Diameter	Ø4.0	Ø4.5
Code	PBFD 40	PBFD 45
Color	Green	Blue



Positioning Bell

Used to gauge the distance to adjacent teeth during initial drilling

- Connects with Ø2.0 Tissue Punch, Position Drill, and Initial Check Pin
- Designed for easy irrigation



Unit mm

Length	8			
Diameter	Ø7.2	Ø8.0	Ø9.0	Ø10.0
Color	Green	Gray	Blue	Orange
Set Code(5ea)	PB 72S5	PB 80S5	PB 90S5	PB 100S5
Set Code(1ea)	PBS			

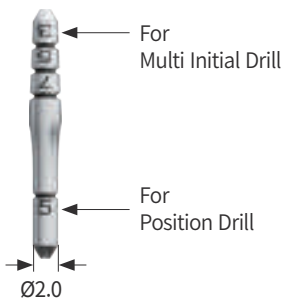
Initial Check Pin

Inserted into the hole after initial drilling to measure drilling direction and occlusion with opposing teeth

- One end used in Position Drill, the other end used in Multi Initial Drill Hole

Diameter	Ø2.0
Code	ICP 20

Unit mm

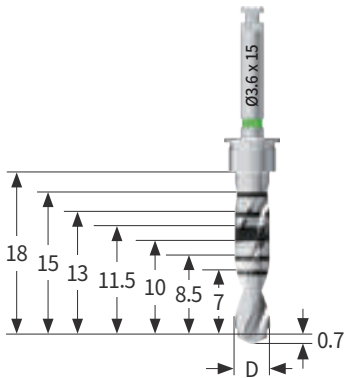


Straight Drill

- Can drill up to 18 mm
- High cutting efficiency use with caution to control depth
- Can be used with a stopper if needed (stopper sold separately)

Length	15 (Refer to the image on the right.)				
Diameter	Ø2.7	Ø3.0	Ø3.6	Ø4.1	Ø4.6
Code	SD 2715	SD 3015	SD 3615	SD 4115	SD 4615
Color	-	Yellow	Green	Blue	Red

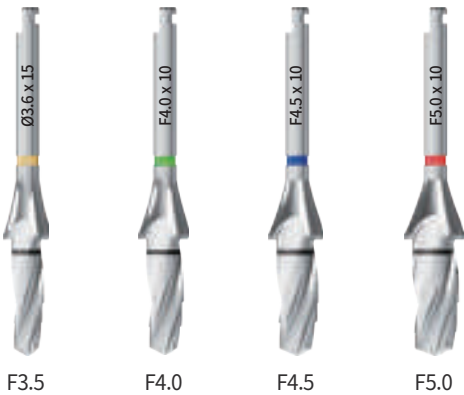
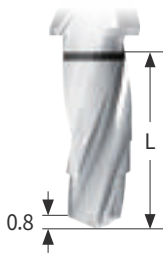
Unit mm



Taper Drill

Multi-step taper drill optimized for fixture shape

- Drill stop with 1 mm allowance
- Handle designed for easy irrigation



	F3.5	F4.0	F4.5	F5.0
Length 7	UCTD 3507	UCTD 4007	UCTD 4507	UCTD 5007
8.5	UCTD 3508	UCTD 4008	UCTD 4508	UCTD 5008
10	UCTD 3510	UCTD 4010	UCTD 4510	UCTD 5010
11.5	UCTD 3511	UCTD 4011	UCTD 4511	UCTD 5011
13	UCTD 3513	UCTD 4013	UCTD 4513	UCTD 5013
Color	Yellow	Green	Blue	Red

Unit mm

Cortical Drill

Used to remove cortical bone in dense bone

- mended to drill up to the marking lin

	F3.5	F4.0	F4.5	F5.0
Diameter	Ø3.7	Ø4.15	Ø4.5	Ø4.95
Code	CD 35	CD 40	CD 45	CD 50
Color	Yellow	Green	Blue	Red

Unit mm



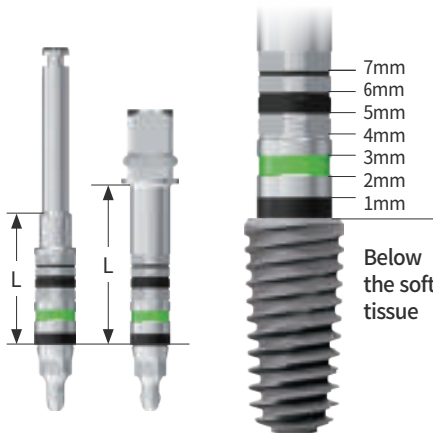
Fixture Driver

Can place fixture up to 7 mm below soft tissue

*Sold separately

Type	Machine		Ratchet	
Length	8	11.5	14	21
Code	UFDE 36S	UFDE 36L	UFDW 35S	UFDW 35L

Unit mm

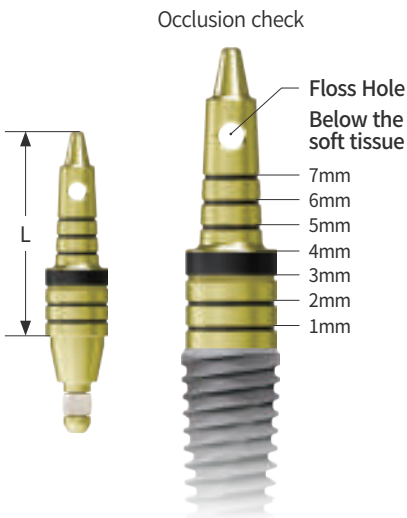


Final Check Pin

Connected to the placed fixture to check placement depth, path, and occlusion with opposing teeth

Length	12
Code	FCP 36

Unit mm



Surgical Instruments Kit

Healing Contour

- Used when removing adjacent bone after fixture placement
- Designed in Healing Abutment shape to prevent excessive bone removal

	Unit mm		
Diameter	Ø5.1	Ø5.6	Ø6.6
Code	HC 45	HC 50	HC 60
Color	Green	Red	Gray



Drill Extension Set

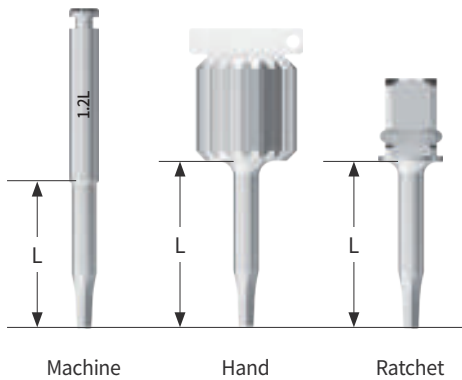
- Extends drill by 15.5 mm when connected; easy irrigation with dedicated cover
 - Packing Unit : Drill Extension(DE 15) + Cover(DEC 07)
- ※ Available for individual purchase

Code	DECS 15
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1.2 Hex Driver

- Surgical instrument used to connect abutment to fixture
- Hand type can be fixed with tweezers when interarch distance is narrow in posterior teeth

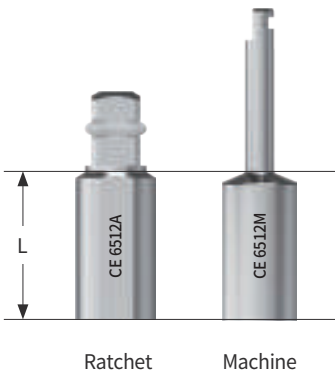


	Unit mm					
Type	Machine		Hand		Ratchet	
Length	6	12	13	18	13	20
Code	UHDE 12S	UHDE 12L	UHDH 12S	UHDH 12L	UHDW 12S	UHDW 12L

Connector Extension

Extends connector length during implant placement

	Unit mm	
Type	Ratchet	Machine
Length 8	CE 6508A	CE 6508M
12	CE 6512A	CE 6512M



Torque Wrench

- Used to adjust implant position and tighten abutment or screws
- Apply torque by pulling the bar to align with the line indicating the desired torque



Code	DTW 0080
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Double Depth Gauge

- Used to measure the depth of the drilling hole
- Can also be used as a probe to check pocket depth or internal bone shape



Code	DDG 1506
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Sinus Drill Kit (SKDS 01) Kit

- Dedicated kit for crestal sinus
- Includes stop drill matching residual bone height
- For lift heights ≤ 3 mm, safe and quick elevation using drill only
- For wider elevation, use Water Membrane Lifter for safe and convenient sinus lift

Sinus Expansion Drill

SED 2503 SED 2504
SED 2505 SED 2506
SED 2507 SED 2508
SED 2510

Sinus Lift Drill

SLD 2803 SLD 2804 SLD 2805 SLD 2806 SLD 2807 SLD 2808 SLD 2810
SLD 3203 SLD 3204 SLD 3205 SLD 3206 SLD 3207 SLD 3208 SLD 3210
SLD 3603 SLD 3604 SLD 3605 SLD 3606 SLD 3607 SLD 3608 SLD 3610
SLD 4103 SLD 4104 SLD 4105 SLD 4106 SLD 4107 SLD 4108 SLD 4110

Multi Initial ST Drill
MISD 2027

Stopper

NST 03BL NST 04YE NST 05RD NST 06BL

Water Membrane Lifter
WML 2637 WML 3446

Sinus Membrane Detach Tool
SMDT 01

Saline Tube
MLT 40300

Depth Gauge
DPG 2050

*Bottom Panel Components

Drilling Sequence Kit

F3.5 x 8.5mm

Residual bone 6mm

Tool	Multi Initial ST Drill	Sinus Expansion Drill	Sinus Expansion Drill	Sinus Lift Drill	Sinus Lift Drill	Fixture
	-	Ø2.5 x 4mm	Ø2.5 x 5mm	Ø2.8 x 6mm	Ø2.8 x 7mm	F3.5
RPM	600 ~ 1,000					20

F4.0 x 8.5mm

Residual bone 6mm

Tool	Multi Initial ST Drill	Sinus Expansion Drill	Sinus Lift Drill	Sinus Lift Drill	Sinus Lift Drill	Fixture
	-	Ø2.5 x 4mm	Ø2.8 x 5mm	Ø3.2 x 6mm	Ø3.2 x 7mm	F4.0
RPM	600 ~ 1,000					20

F4.5 x 8.5mm

Residual bone 6mm

Tool	Multi Initial ST Drill	Sinus Expansion Drill	Sinus Lift Drill	Sinus Lift Drill	Sinus Lift Drill	Sinus Lift Drill	Fixture
	-	Ø2.5 x 4mm	Ø2.8 x 4mm	Ø3.2 x 5mm	Ø3.6 x 6mm	Ø3.6 x 7mm	F4.5
RPM	600 ~ 1,000						20

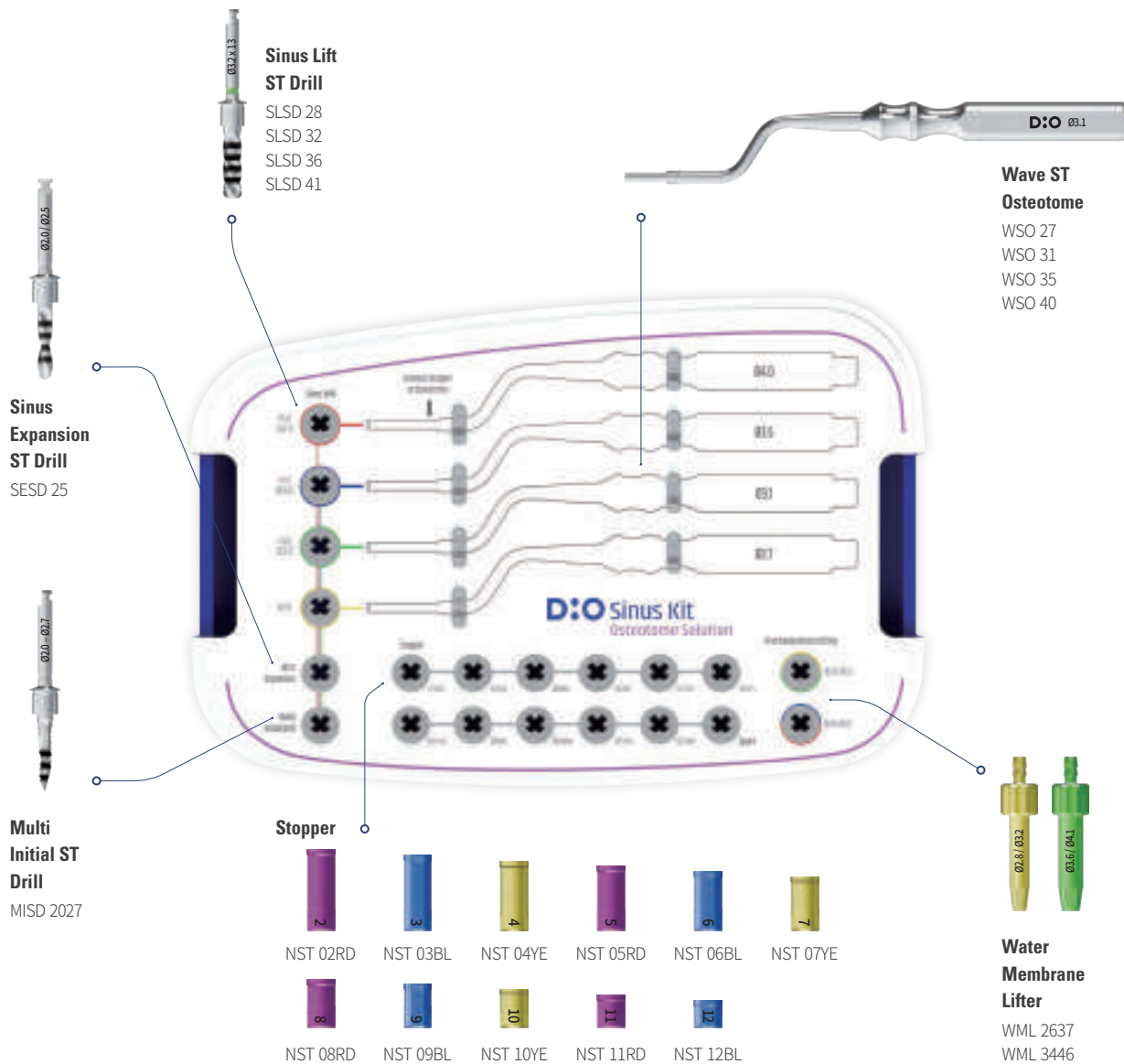
F5.0 x 8.5mm

Residual bone 6mm

Tool	Multi Initial ST Drill	Sinus Expansion Drill	Sinus Lift Drill	Sinus Lift Drill	Sinus Lift Drill	Sinus Lift Drill	Fixture
	-	Ø2.5 x 4mm	Ø3.2 x 4mm	Ø3.6 x 5mm	Ø4.1 x 6mm	Ø4.1 x 7mm	F5.0
RPM	600 ~ 1,000						20

Sinus Osteotome Kit (SKOS 01) Kit

- Dedicated kit for crestal sinus
- Designed to reduce shock transmitted to the patient
- Depth adjustment easy with dedicated stopper
- For wider elevation, use Water Membrane Lifter for safe and convenient sinus lift



Sinus Membrane Detach Tool
SMDT 01

Depth Gauge
DPG 2050

Saline Tube
MLT 40300

Mallet
OSM 001

*Bottom Panel Components

Drilling Sequence Kit

F3.5 x 8.5mm

Residual bone 6mm

Tool	Multi Initial ST Drill	Sinus Expansion ST Drill	Sinus Lift ST Drill	Wave ST Osteotome	Fixture
	-	Ø2.5 x 4mm	Ø2.8 x 5mm	Ø2.7 x 6mm	F3.5
RPM	600 ~ 1,000				20

F4.0 x 8.5mm

Residual bone 6mm

Tool	Multi Initial ST Drill	Sinus Expansion ST Drill	Sinus Lift ST Drill	Wave ST Osteotome	Fixture
	-	Ø2.5 x 4mm	Ø3.2 x 5mm	Ø3.1 x 6mm	F4.0
RPM	600 ~ 1,000				20

F4.5 x 8.5mm

Residual bone 6mm

Tool	Multi Initial ST Drill	Sinus Expansion ST Drill	Sinus Lift ST Drill	Sinus Lift ST Drill	Wave ST Osteotome	Fixture
	-	Ø2.5 x 4mm	Ø2.8 x 5mm	Ø3.6 x 5mm	Ø3.5 x 6mm	F4.5
RPM	600 ~ 1,000					20

F5.0 x 8.5mm

Residual bone 6mm

Tool	Multi Initial ST Drill	Sinus Expansion ST Drill	Sinus Lift ST Drill	Sinus Lift ST Drill	Wave ST Osteotome	Fixture
	-	Ø2.5 x 4mm	Ø3.2 x 5mm	Ø4.1 x 5mm	Ø4.0 x 6mm	F5.0
RPM	600 ~ 1,000					20

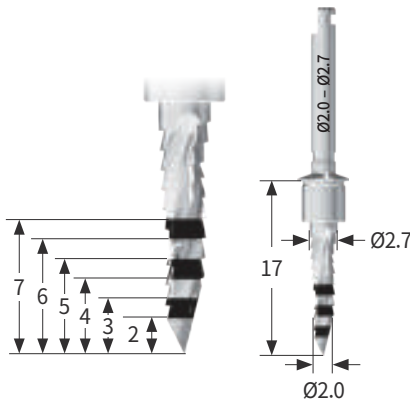
Surgical Instruments Kit

Multi Initial ST Drill

Used to create initial drilling hole or adjust drilling direction

- Non-slip design for inclined bone
- Stopper can be used optionally depending on residual bone height

Diameter	Ø2.0
Code	MISD 2027



Sinus Expansion Drill

Used to enlarge the hole before using Sinus Lift Drill

- Includes drills corresponding to residual bone height

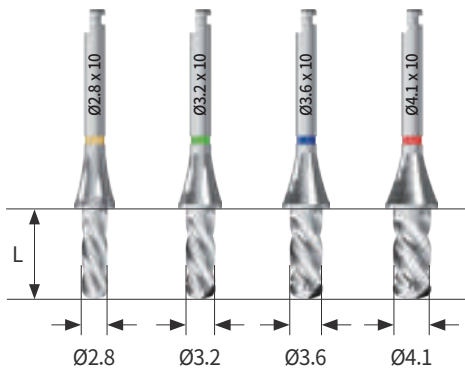
Diameter	Ø2.5						
Length	3	4	5	6	7	8.5	10
Code	SED 2503	SED 2504	SED 2505	SED 2506	SED 2507	SED 2508	SED 2510



Sinus Lift Drill

Sinus-specific drill that pushes bone chips toward the membrane during drilling

- Membrane-protective design
- Includes drills corresponding to residual bone height



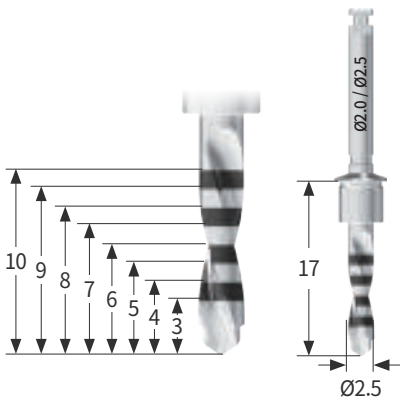
Diameter	Ø2.8	Ø3.2	Ø3.6	Ø4.1
Length 3	SLD 2803	SLD 3203	SLD 3603	SLD 4103
4	SLD 2804	SLD 3204	SLD 3604	SLD 4104
5	SLD 2805	SLD 3205	SLD 3605	SLD 4105
6	SLD 2806	SLD 3206	SLD 3606	SLD 4106
7	SLD 2807	SLD 3207	SLD 3607	SLD 4107
8.5	SLD 2808	SLD 3208	SLD 3608	SLD 4108
10	SLD 2810	SLD 3210	SLD 3610	SLD 4110
Color	Yellow	Green	Blue	Red

Sinus Expansion ST Drill

Used to enlarge the hole before using Sinus Lift ST Drill

- Stopper can be used optionally depending on residual bone height

Diameter	Ø2.5
Code	SESD 25

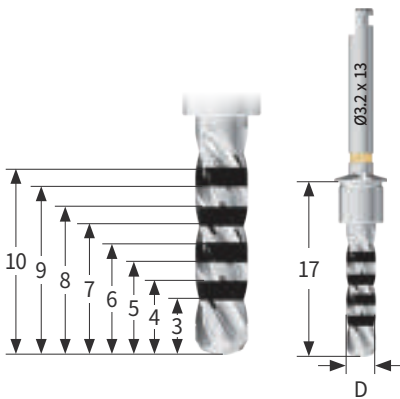


Sinus Lift ST Drill

Sinus-specific drill that pushes bone chips toward the membrane during drilling

- Membrane-protective design
- Stopper can be used optionally depending on residual bone height

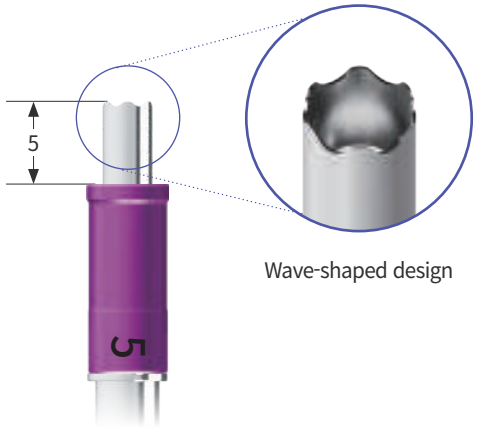
Diameter	Ø2.8	Ø3.2	Ø3.6	Ø4.1
Code	SLSD 28	SLSD 32	SLSD 36	SLSD 41



Wave ST Osteotome

Designed to reduce shock transmitted to the patient

- Depth adjustment easy with dedicated stopper



Diameter	Ø2.7	Ø3.1	Ø3.5	Ø4.0
Code	WSO 27	WSO 31	WSO 35	WSO 40

Surgical Instruments Kit

Stopper

Used for depth control of Multi Initial ST Drill, Sinus Expansion ST Drill, Sinus Lift ST Drill, and Wave ST Osteotome

- Anodized color by length and laser marking on stopper for easy identification



Unit mm						
Drilling Length	2	3	4	5	6	7
Stopper Length	15	14	13	12	11	10
Code	NST 02RD	NST 03BL	NST 04YE	NST 05RD	NST 06BL	NST 07YE
						
Drilling Length	8	9	10	11	12	
Stopper Length	9	8	7	6	5	
Code	NST 08RD	NST 09BL	NST 10YE	NST 11RD	NST 12BL	
						

Water Membrane Lifter

Instrument for hydraulic sinus lift

- Fixed clockwise into the drilled hole
- Allows convenient hydraulic lift without additional assistance

Unit mm		
Diameter	Ø3.7	Ø4.6
Available Hole Diamete	Ø2.8 - 3.2	Ø3.6 - 4.1
Code	WML 2637	WML 3446



Water Membrane Lifter Dummy

Used to block other holes when performing hydraulic lift on two or more holes

*Sold separately		
Unit mm		
Diameter	Ø3.7	Ø4.6
Available Hole Diamete	Ø2.8 - 3.2	Ø3.6 - 4.1
Code	WMLD 2637	WMLD 3446



Mallet



Code	OSM 001
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Sinus Membrane Detach Tool

Used for membrane detachment at crestal site

- Slim, rounded design enables safe lift when residual bone is thin



Code	SMDT 01
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Depth Gauge

Used to measure the depth of the drilling hole



Code	DPG 2050
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Saline Tube

- Syringe sold separately



Code	MLT 40300
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D:O IMPLANT

D:O IMPLANT