

Ver 1.0
(IN)

UNICON IMPLANT SYSTEM

Product Catalog

D:O IMPLANT

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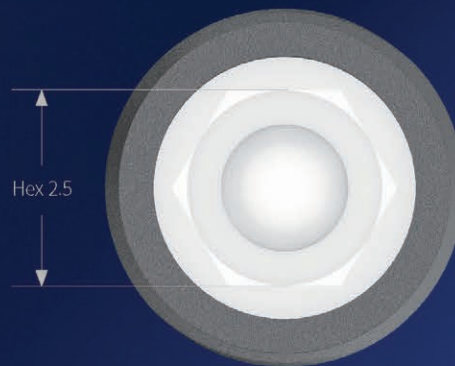
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UNICON Fixture

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.



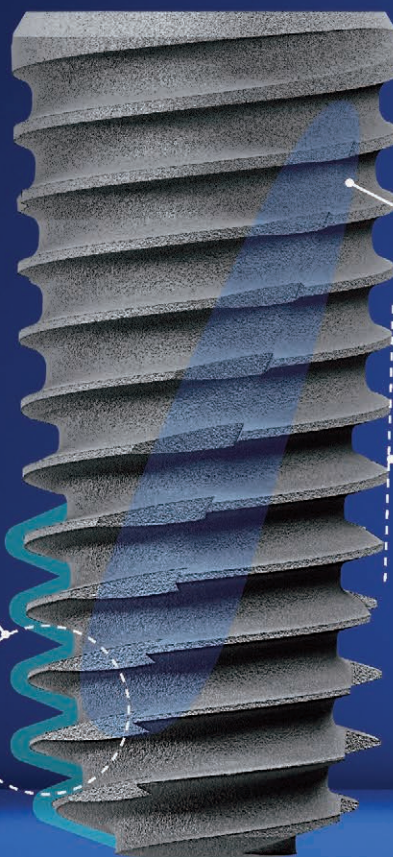
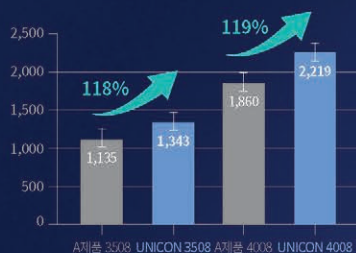
One Connection

- Streamlined prosthetic lineup
- Simplified inventory management
- Single driver for all procedures



Superior Strength

- Higher fracture resistance compared to similar products
- Long-term stability expected



Full Helix Cutting Edge

- Improved self-tapping performance
- Reliable and stable insertion

Apical Deep Thread

- Additional lower threads
- Enhanced initial stability
- Designed for immediate post-extraction placement

1.5° Taper / Dual Thread

- Facilitates strong initial fixation
- Fast and stable placement
- Minimizes bone damage

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

Hybrid type SLA Surface (HSA)

Optimal Surface Morphology

Implementation of **Micro Surface morphology** on the upper part to reduce peri-implantitis and **Macro Surface morphology** on the lower part to enhance the initial bone response

Alumina Blasting

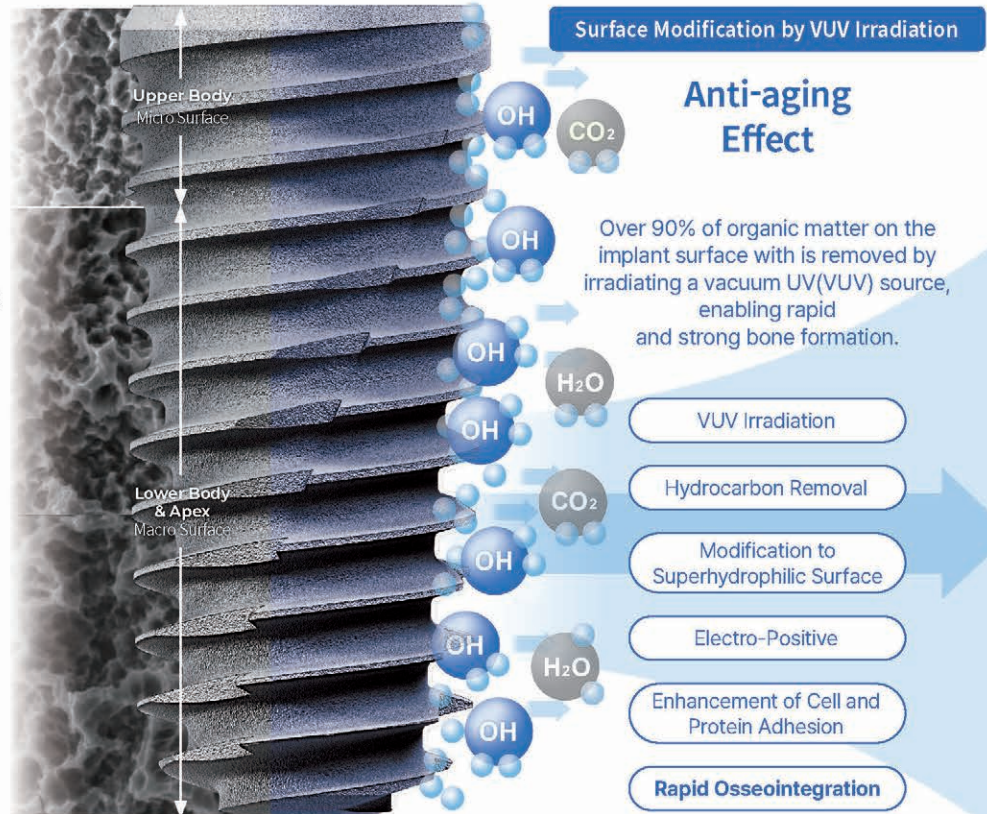
Double Acid Etching

High-Temperature and High-Pressure Water-jet

7-Step Vacuum Ultrasonic Cleaning

UV Drying

High Purity Clean Surface



Patented Surface, HSA

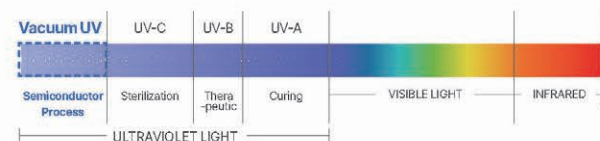
A distinctive level of surface roughness unique to DIO IMPLANT has been achieved through extensive research and experimentation based on sandblast large grit & acid etching (SLA).



*KOREA Patent No. 10-1652968

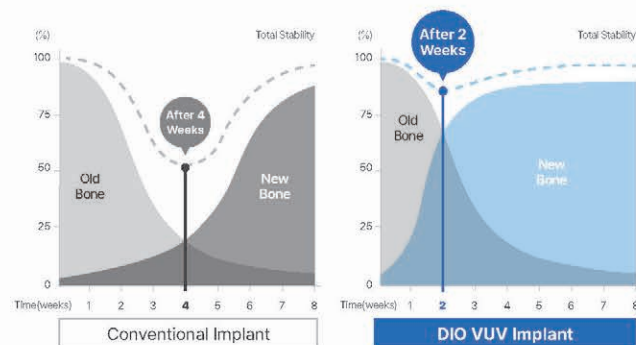
What Is VUV?

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.

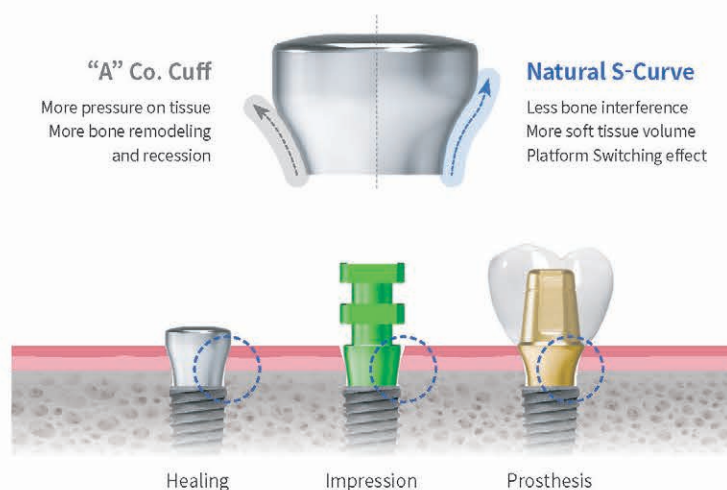


*Source: Implant Dentistry, Volume 22, Nov 5, 2013, PhD Takahiro Ogawa et al.

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.

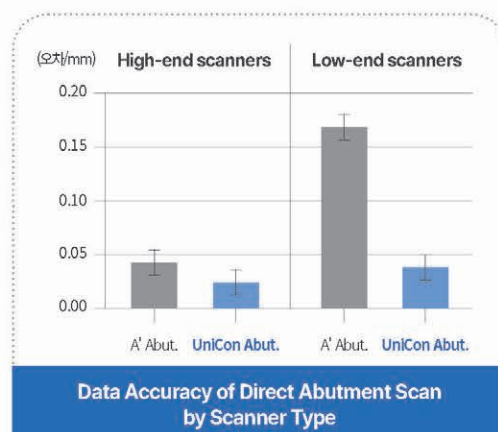
Seating Status	Correct seating	Incomplete seating
Connection Gap	Zero Gap	Gap
Healing Abutment		
Impression Coping		

Detail Design

Optimized for Digital Prosthetics

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

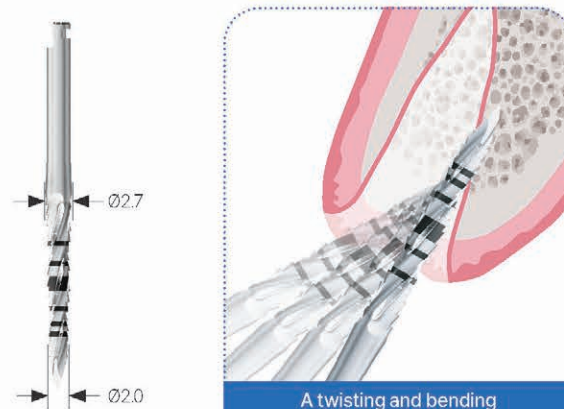
Landmark Function During Scan Registration



Multi Initial Drill

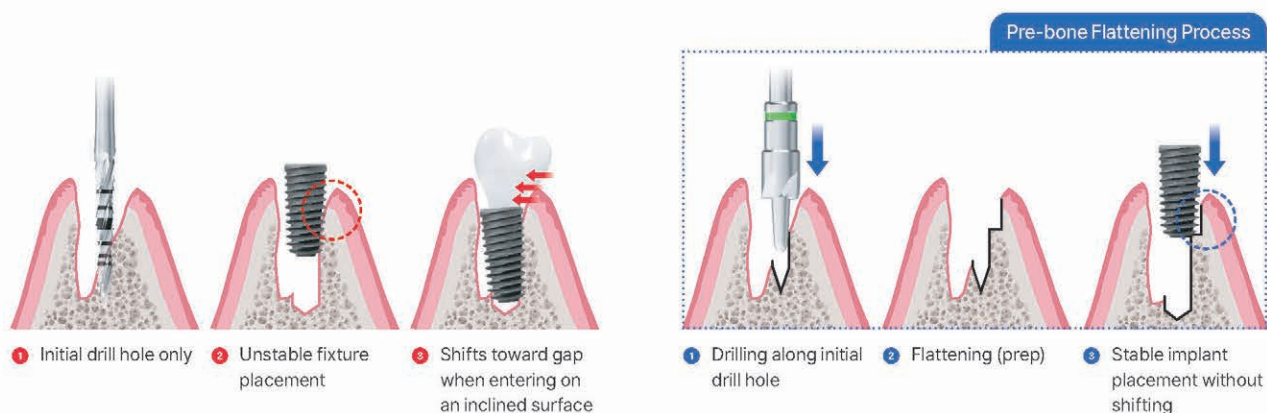
It provides highly accurate initial drilling in extraction sockets. With both point and side-cutting capabilities, it allows stable drilling even when the clinician drills as desired.

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



Pre-bone Flattening Drill

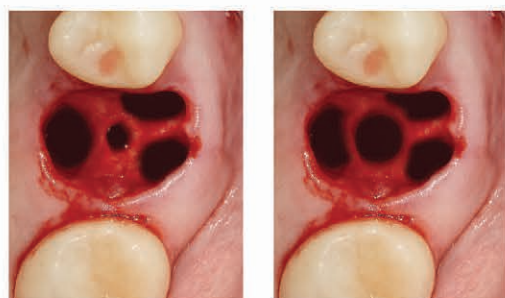
Even with accurate initial drilling in the extraction socket, the implant may shift toward the gap during placement. The pre-bone flattening drill allows implants to be placed in the correct position.



Modify Bur for Ridge Adjustment or Post-initial Drilling Expansion

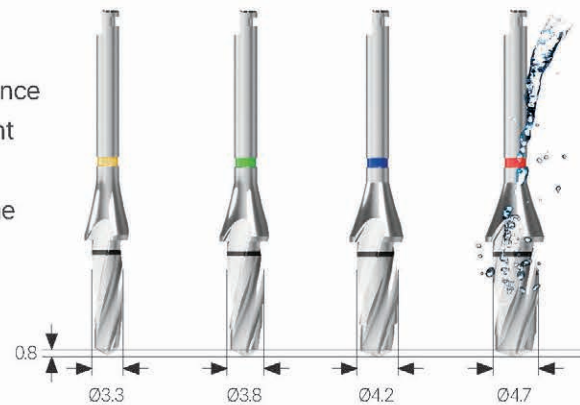
This is applied to reshape narrow ridges or irregular bone. It is also applicable for expanding the central septum after initial drilling in molar extraction sockets.

* Prevents displacement of cortical bone in the septum



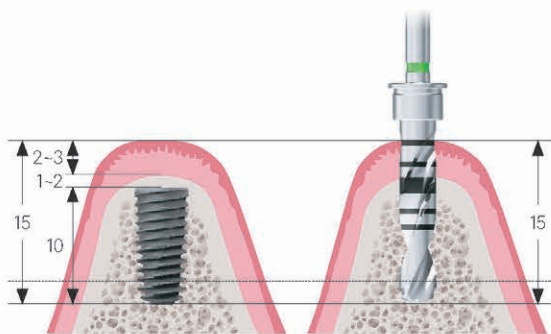
Taper Drill for Implant Placement

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.

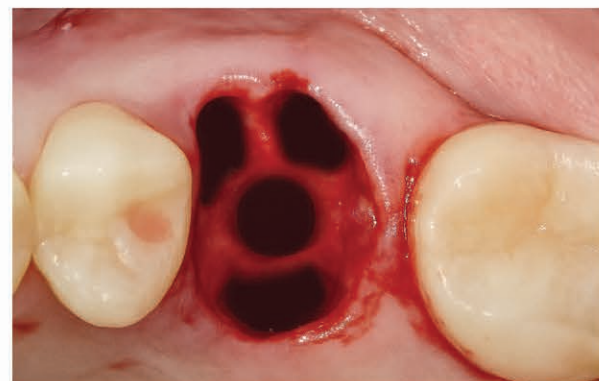


Straight Drill for Implant Placement

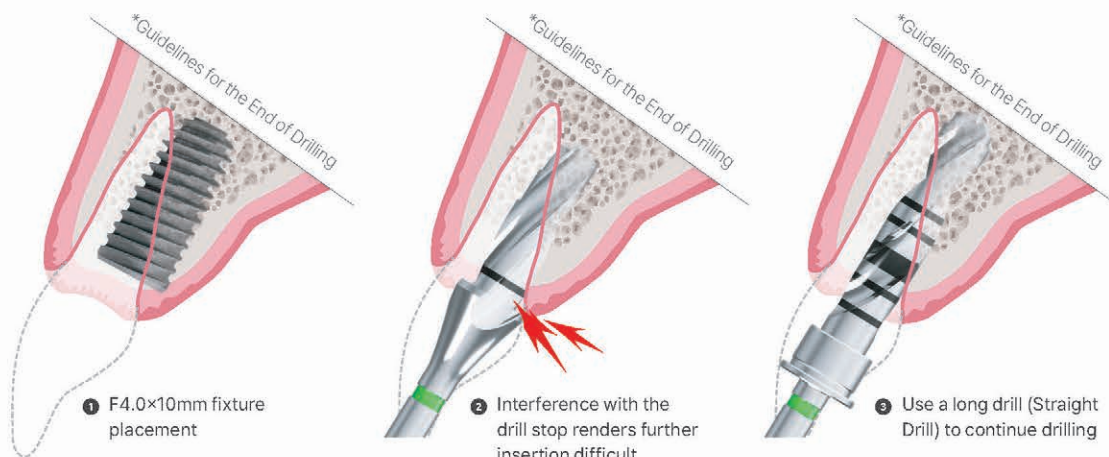
The Straight drill is used for following cases



When a long drill is required in flapless procedures



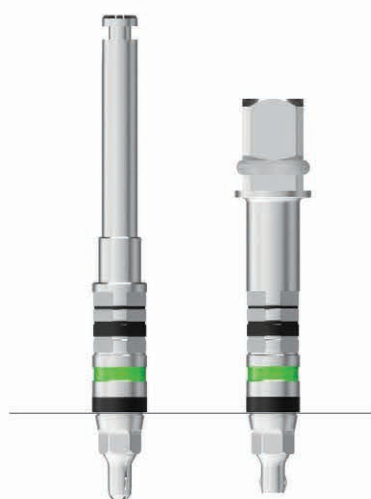
When partial widening is needed in hard bone or to prevent excessive torque at the apical end in the extraction socket septum



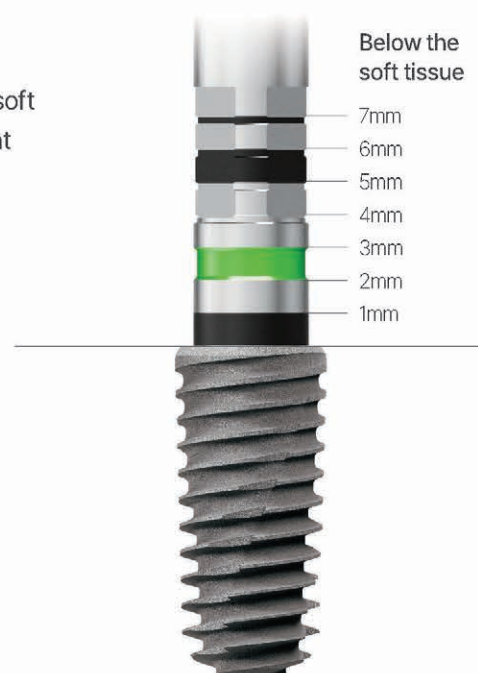
When a long drill is needed in extraction sockets

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.

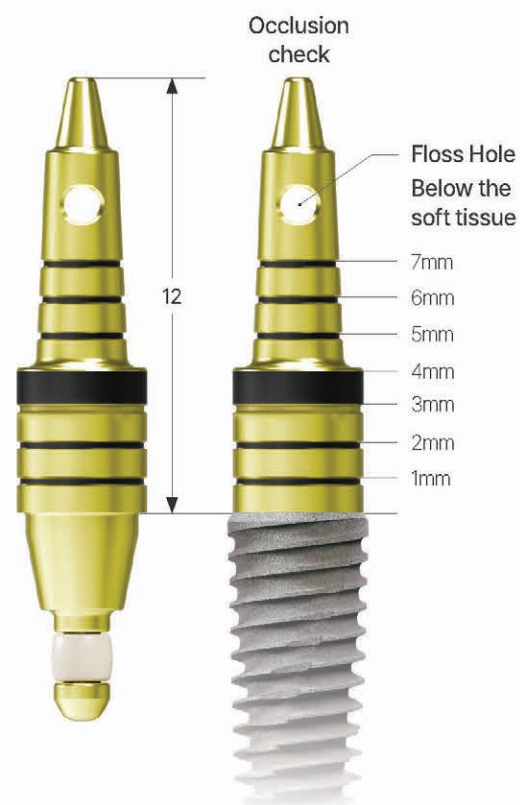
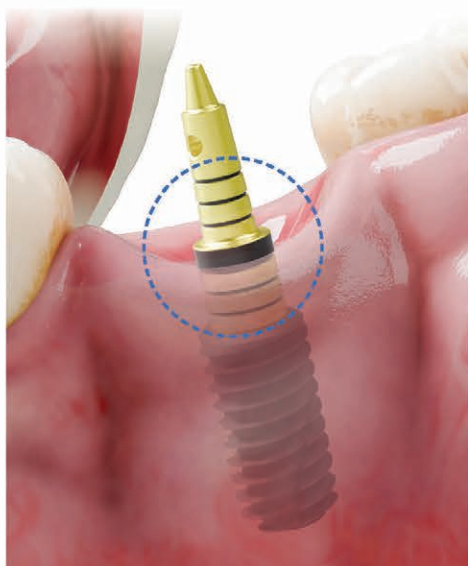


For machine use For wrench use



Final Check Pin for Verifying Placement Depth and Position

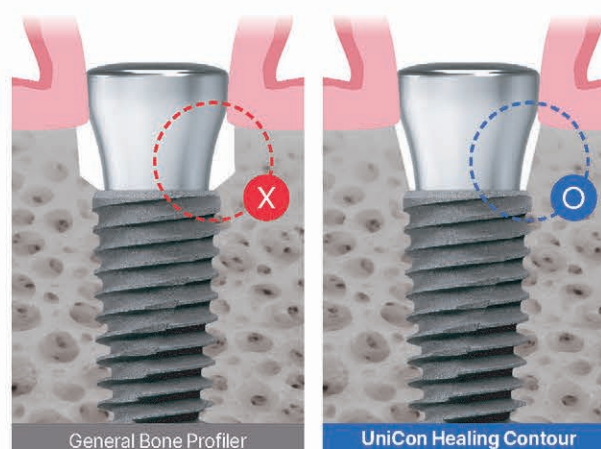
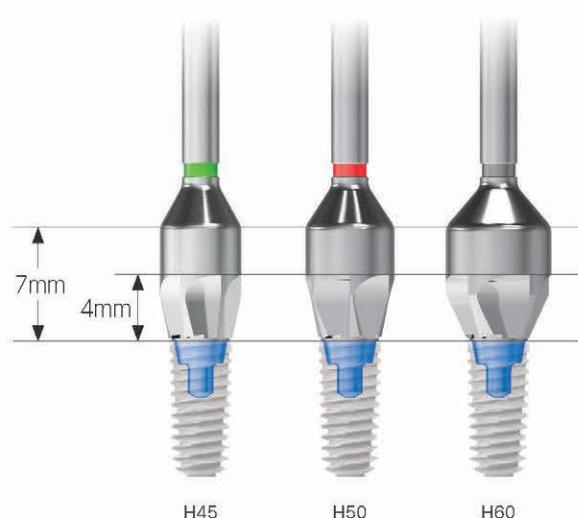
We recommend performing a final check after implant placement. Check the depth and the direction of occlusion and make any adjustment if necessary.



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.

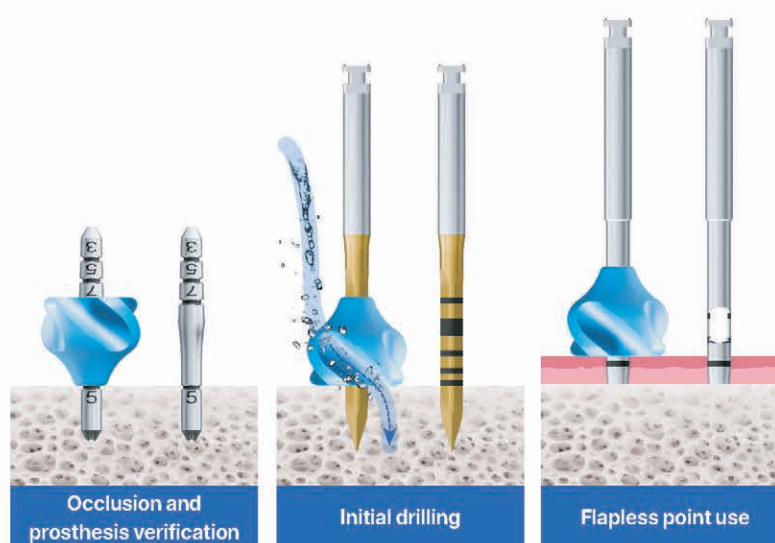


Positioning Bell

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-ready design minimizes the risk of bone heating during drill sequence.

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



UNICON Implant System Contents

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Implant



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Abutment



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Cemented
Abutment



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Angled
Abutment



017
Temporary
Abutment



018
Pick-up
Impression
Coping



018
Transfer
Impression
Coping



018
Lab Analog



021
Multi-unit
Abutment



021
Multi-unit
Angled
Abutment



022
Multi-unit
Healing
Cap



022
Multi-unit
Pick-up
Impression
Coping



022
Multi-unit
H-Scan
body



022
Multi-unit
Scan
Adapter



023
Multi-unit
Lab Analog



023
Multi-unit
Ti Cylinder



023
Multi-unit
Temporary
Cylinder



024
H-Scanbody
/ Jig



024
Scan
Adapter



025
Pre-Milled
Bar



025
Hybrid
Link



026
Scan
Retractor



026
Wax
Denture



026
Marker

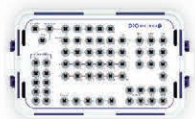


UNICON Kits Contents

028

UNICON
Kit 7

UK 07



030

Ø2.0 Tissue
Punch

030

Position
Drill

030

Multi
Initial Drill

030

Modify
Bur

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Straight Drill
(Ø2.2)

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Straight
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032

Taper
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Driver

033

Final
Check Pin

034

Healing
Contour

034

Drill
Extension
Set

034

1.2 Hex
Driver

035

Connector
Extension

035

Torque
Wrench

035

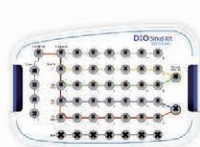
Double
Depth
Gauge

Sinus Kits Contents

036

Sinus
Drill Kit

SKDS 01



038

Sinus
Membrane
Detach Tool

038

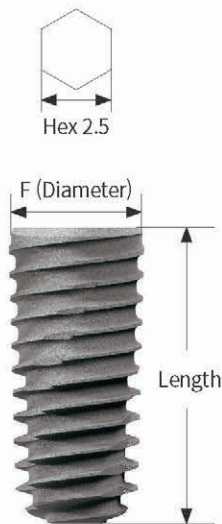
Depth
Gauge

038

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

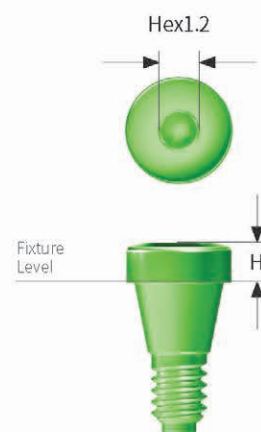
F5.0 (Ø5.05)
Hex 2.5

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

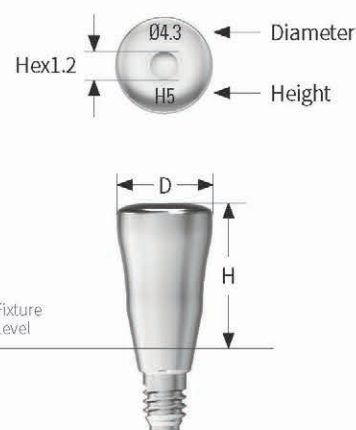
**R**

		Unit:mm
Fixture Size	Regular	
Height	0.4	
Code	UCRCS	

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**

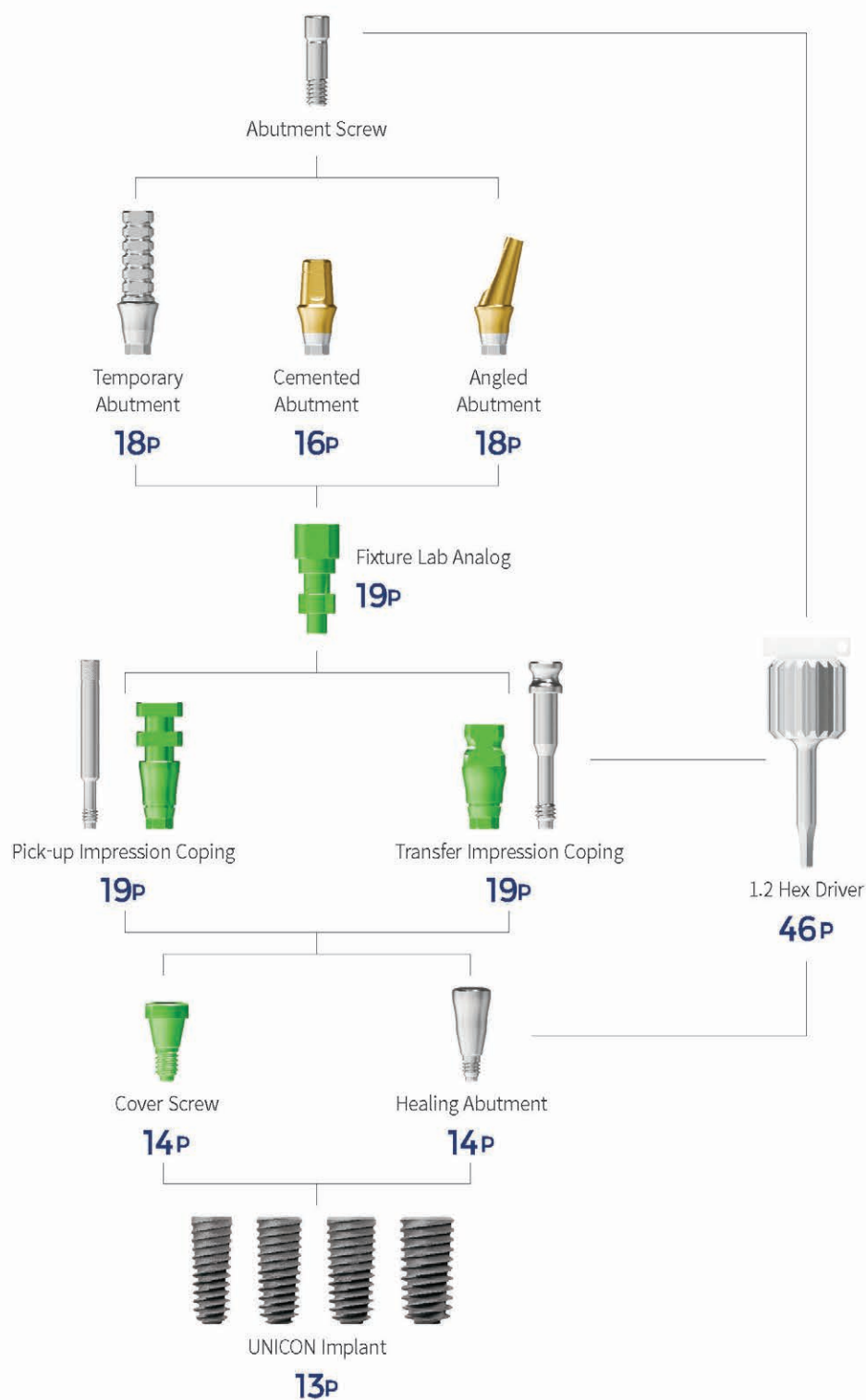
		Unit:mm				
		Regular				
Fixture Size	Diameter	Ø3.0	Ø4.0	Ø4.5	Ø5.0	Ø6.0
Height			UCRHA 403	UCRHA 453	UCRHA 503	UCRHA 603
	4	UCRHA 304	UCRHA 404	UCRHA 454	UCRHA 504	UCRHA 604
	5	UCRHA 305	UCRHA 405	UCRHA 455	UCRHA 505	UCRHA 605
			UCRHA 406	UCRHA 456	UCRHA 506	UCRHA 606
			UCRHA 407	UCRHA 457	UCRHA 507	UCRHA 607
			UCRHA 408	UCRHA 458	UCRHA 508	UCRHA 608

Cemented | Angled | Temporary Abutment

Prosthetic Flow Chart

15

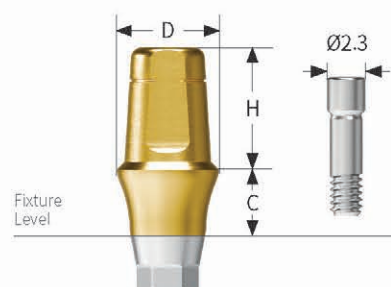
Cemented | Angled | Temporary Abutment UNICON Implant System



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
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
Height 5.5	Cuff 2	UCRCA 4552H	UCRCA 5052H	UCRCA 6052H
	3	UCRCA 4553H	UCRCA 5053H	UCRCA 6053H
	4	UCRCA 4554H	UCRCA 5054H	UCRCA 6054H
	5	UCRCA 4555H	UCRCA 5055H	UCRCA 6055H
	6	UCRCA 4556H	UCRCA 5056H	UCRCA 6056H
	7	UCRCA 4557H	UCRCA 5057H	UCRCA 6057H
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

R

Non-Hex

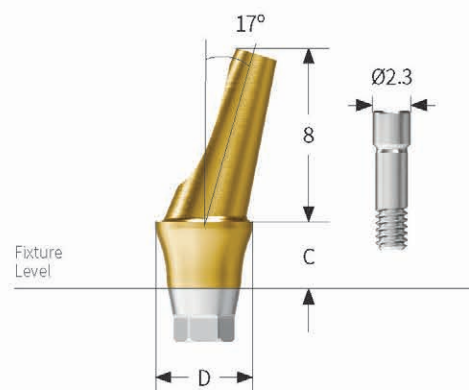
Diameter		Ø4.5	Ø5.0	Ø6.0
Height 4	Cuff 2	UCRCA 4542N	UCRCA 5042N	UCRCA 6042N
	3	UCRCA 4543N	UCRCA 5043N	UCRCA 6043N
	4	UCRCA 4544N	UCRCA 5044N	UCRCA 6044N
	5	UCRCA 4545N	UCRCA 5045N	UCRCA 6045N
	6	UCRCA 4546N	UCRCA 5046N	UCRCA 6046N
	7	UCRCA 4547N	UCRCA 5047N	UCRCA 6047N
Height 5.5	Cuff 2	UCRCA 4552N	UCRCA 5052N	UCRCA 6052N
	3	UCRCA 4553N	UCRCA 5053N	UCRCA 6053N
	4	UCRCA 4554N	UCRCA 5054N	UCRCA 6054N
	5	UCRCA 4555N	UCRCA 5055N	UCRCA 6055N
	6	UCRCA 4556N	UCRCA 5056N	UCRCA 6056N
	7	UCRCA 4557N	UCRCA 5057N	UCRCA 6057N
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

* Made to order

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

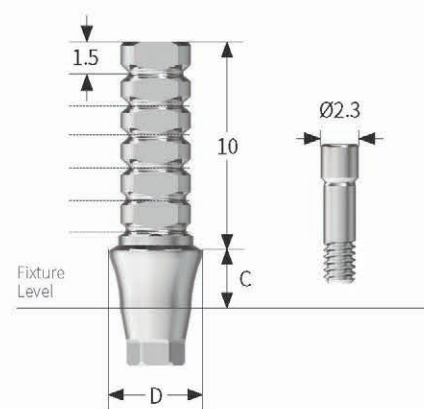
Fixture Size		Regular		
Diameter		Ø4.5	Ø5.0	Ø6.0
Hex A	Cuff 3	UCRAA 4583AH	UCRAA 5083AH	UCRAA 6083AH
	4	UCRAA 4584AH	UCRAA 5084AH	UCRAA 6084AH
	5	UCRAA 4585AH	UCRAA 5085AH	UCRAA 6085AH
Hex B	Cuff 3	UCRAA 4583BH	UCRAA 5083BH	UCRAA 6083BH
	4	UCRAA 4584BH	UCRAA 5084BH	UCRAA 6084BH
	5	UCRAA 4585BH	UCRAA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

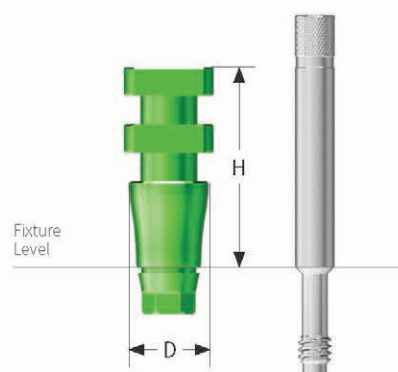
R

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	

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



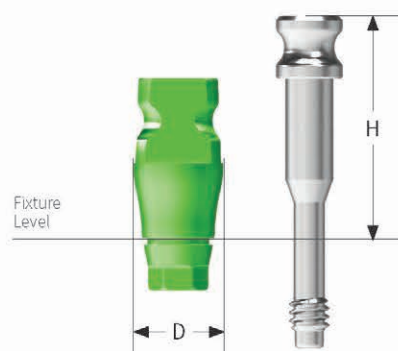
Unit mm

R	Regular				
	Fixture Size				
Hex	Diameter	Ø4.0	Ø4.5	Ø5.0	Screw
	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	Regular				
	Fixture Size				
Hex	Diameter	Ø4.0	Ø4.5	Ø5.0	Screw
	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

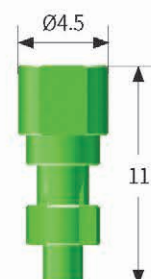
Lab Analog

Replicating oral Fixture shape on working model

※ Not a medical device

Unit mm

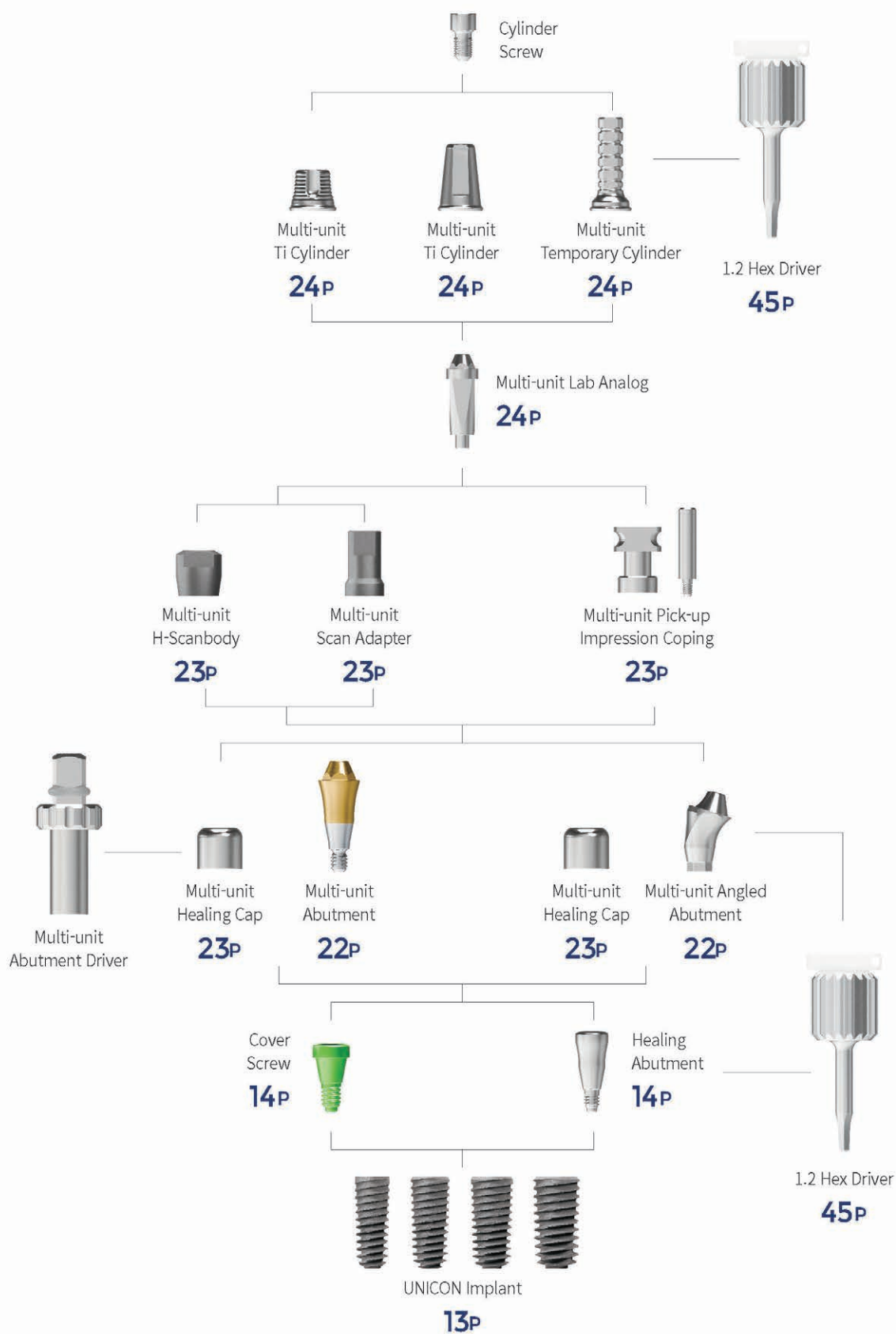
R	Regular	
	Fixture Size	
Hex	Diameter	Ø4.5
	Height 11	UCRLA



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 (UMADR33B) / Machine (UMADM33)
- Packing Unit : Multi-unit Abutment + Multi-unit Abutment Holder (UCRMASH)
- Tightening Torque : 30~35Ncm



Unit:mm

R

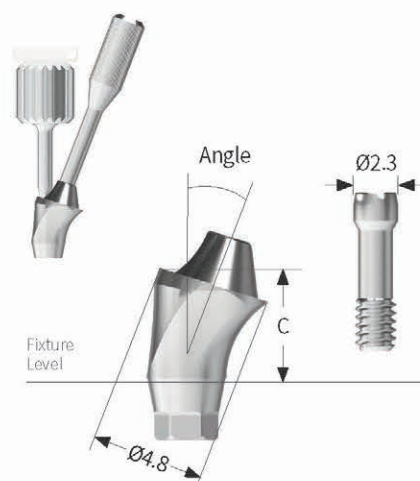
D Ø4.8

Fixture Size	Regular						
Diameter	Ø4.8						
Cuff	1	2	3	4	5	6	7
Code	UCRMA 4801	UCRMA 4802	UCRMA 4803	UCRMA 4804	UCRMA 4805	UCRMA 4806	UCRMA 4807

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



Unit:mm

R

D Ø4.8

Fixture Size	Regular	
Diameter	Ø4.8	
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	

Multi-unit Healing Cap

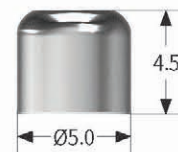
Protect abutments intraorally and minimizes patient discomfort

- 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

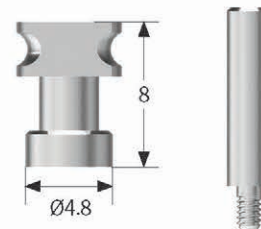
Pick-up Type Impression Coping for abutment level impression taking

- 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

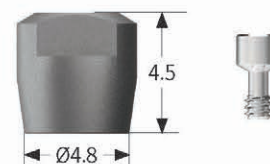
Enable digital impression taking at healing and abutment levels

- 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

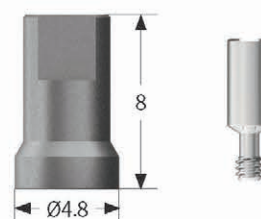
Used for digital impression taking at abutment level

- 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

Multi-unit Lab Analog

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



Unit:mm

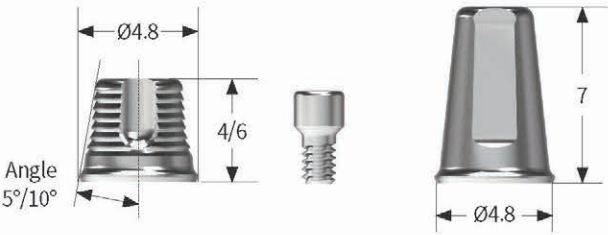
R

Fixture Size	Regular
Diameter	Ø4.8
Height 14.2	UCRMLA

Multi-unit Ti Cylinder

Used for fabricating CRP/SCRP 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



Unit:mm

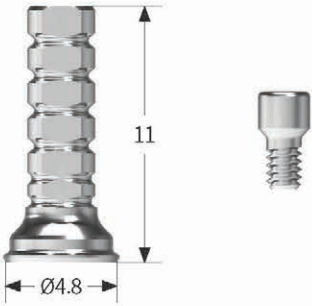
R

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

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



Unit:mm

R

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

H-Scanbody / Jig

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



*Sold separately

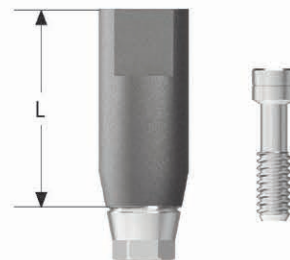
Unit:mm

R	Regular				Jig
	Fixture Size	4	6	8	
D Ø5.0	Length				
	Top view				
	Screw	HSCAN 541H SSCAN 2009H	HSCAN 561H SSCAN 2011H	HSCAN 581H SSCAN 2013H	JIG 501
D Ø6.0	Length				
	Top view				
	Screw	HSCAN 641H SSCAN 2009H	HSCAN 661H SSCAN 2011H	HSCAN 681H SSCAN 2013H	JIG 601
D Ø6.0	Length				
	Top view				
	Screw	HSCAN 642H SSCAN 2009H	HSCAN 662H SSCAN 2011H	HSCAN 682H SSCAN 2013H	JIG 602
D Ø7.0	Length				
	Top view				
	Screw	HSCAN 741H SSCAN 2009H	HSCAN 761H SSCAN 2011H	HSCAN 781H SSCAN 2013H	JIG 701

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

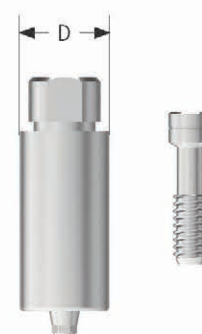


Unit:mm

R	Regular		Screw
	Fixture Size	Length	
		9	
		15	
		SCAN 01[H]	SCAN 01-15[H]
			SSC 2008H

Pre-Milled Bar

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



Unit:mm

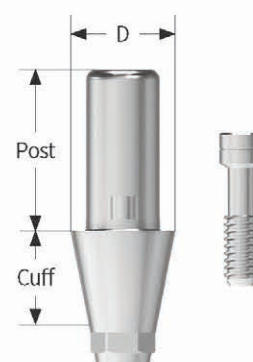
R

Fixture Size		Regular	
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



Unit:mm

R

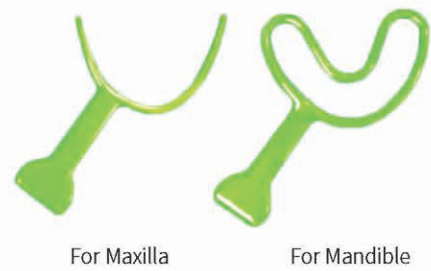
Fixture Size		Regular			
Diameter		Ø4.5		Ø5.5	
Type		Hex	Non-Hex	Hex	Non-Hex
Post 4	Cuff 1	UFHL 45401H[H]	UFHL 45401N[H]	UFHL 55401H[H]	UFHL 55401N[H]
	2	UFHL 45402H[H]	UFHL 45402N[H]	UFHL 55402H[H]	UFHL 55402N[H]
	3	UFHL 45403H[H]	UFHL 45403N[H]	UFHL 55403H[H]	UFHL 55403N[H]
Post 5.5	Cuff 1	UFHL 45501H[H]	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]

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
------	----------



D:O IMPLANT

28 UNICON Kit 7 (UK 07) Kit

UNICON Kit UNICON 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

Torque Wrench

DTW 0080

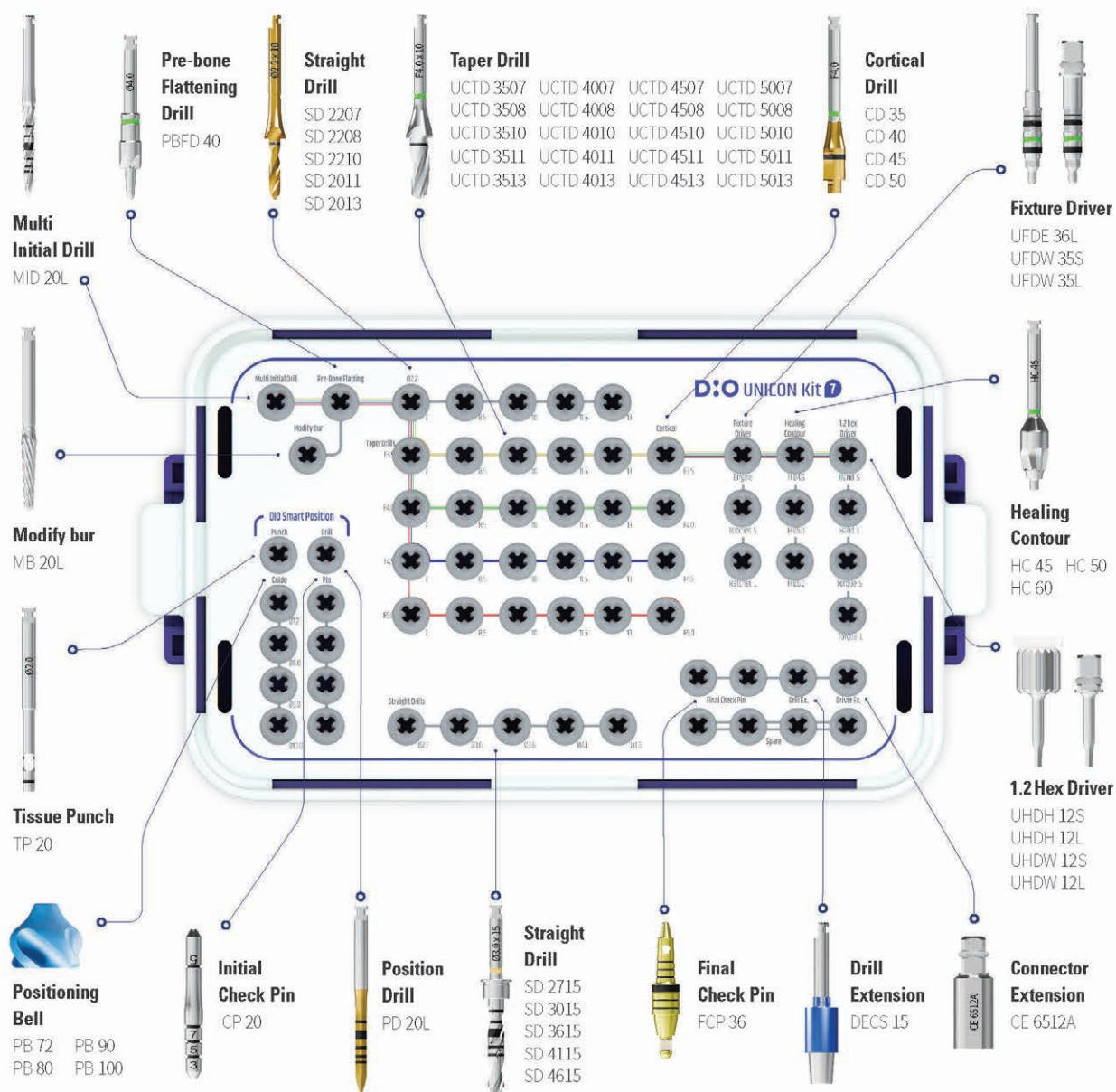


Double Depth Gauge

DDG 1506



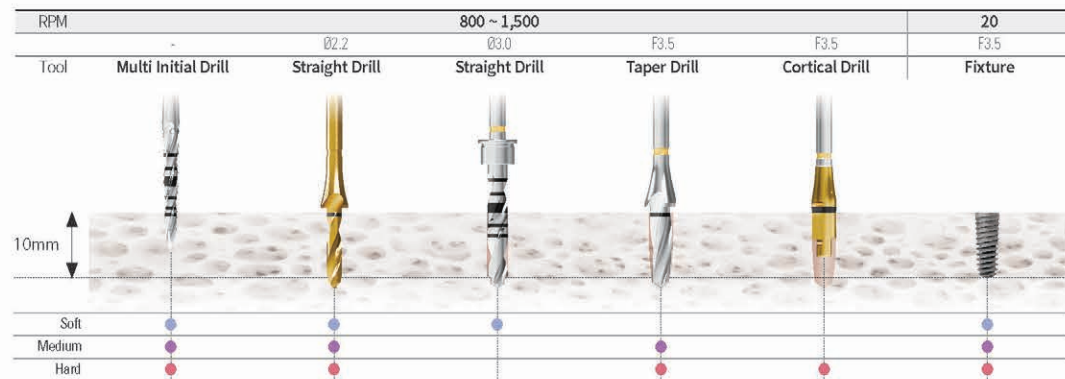
*Bottom Panel Components



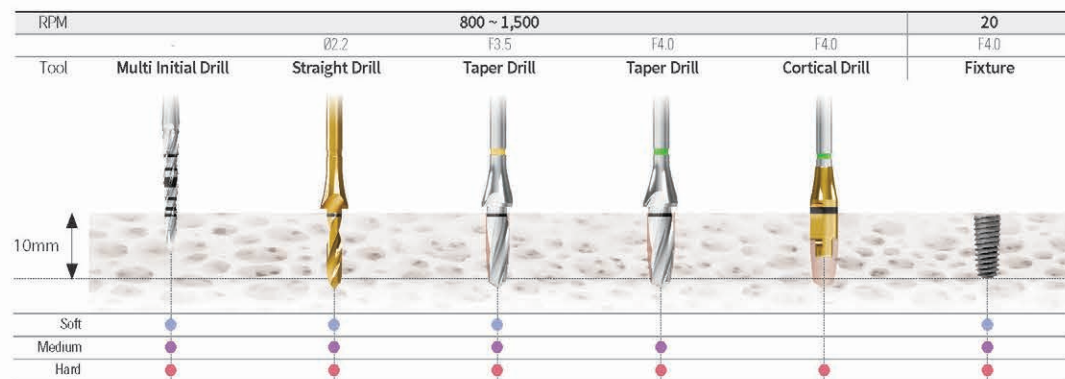
UNICON Fixture Drilling Sequence Kit

29

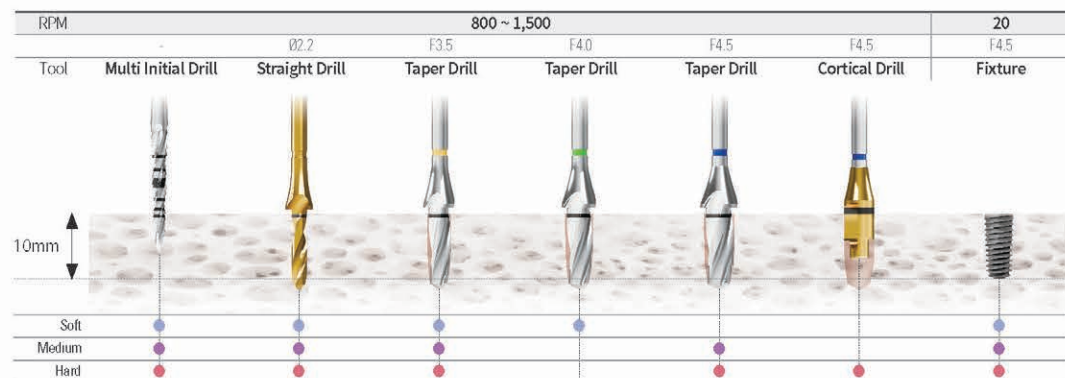
F3.5 Fixture



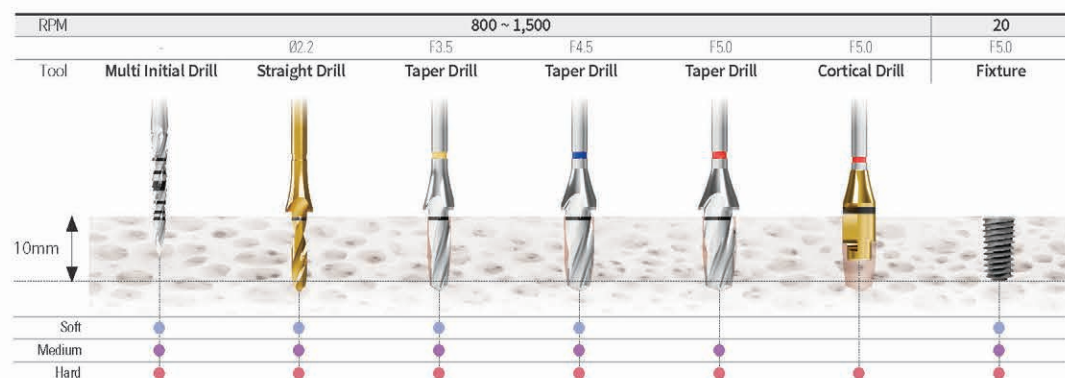
F4.0 Fixture



F4.5 Fixture



F5.0 Fixture

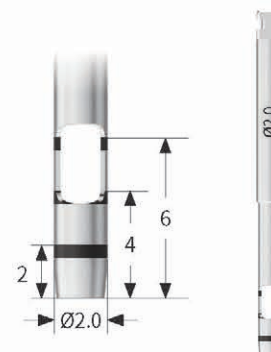


Ø2.0 Tissue Punch

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

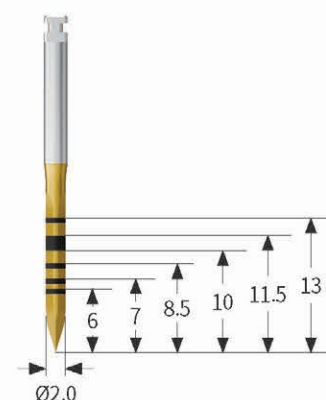


Position Drill

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

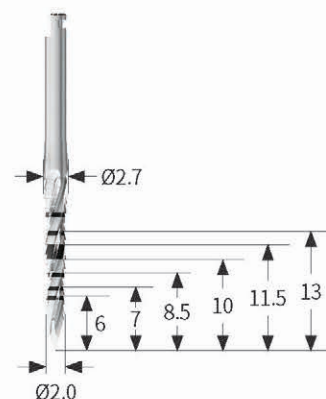


Multi Initial Drill

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

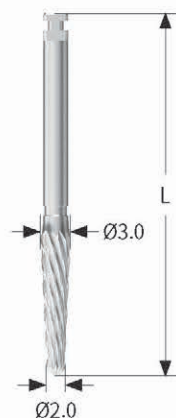


Modify Bur

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

- 2000 rpm

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



***Sold separately**

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 2211	SD 2213



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

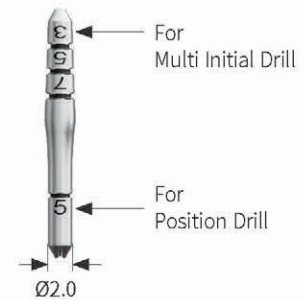
Length	8			
Diameter	Ø7.2	Ø8.0	Ø9.0	Ø10.0
Color	Green	Gray	Blue	Orange
				
Set Code(5ea)	PB 72S5	PB 80S5	PB 90S5	PB 100S5
Set Code(1ea)	PBS			

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

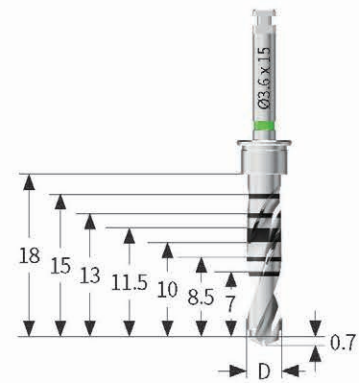
Unit mm	
Diameter	Ø2.0
Code	ICP 20



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)

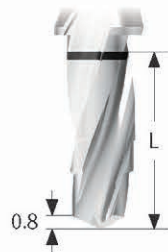
Unit mm					
Length	15 (Refer to the image on the right.)				
Diameter	Ø2.7	Ø3.0	Ø3.6	Ø4.1	Ø4.6
Code	SD 2715	SD 3015	SD 3615	SD 4115	SD 4615
Color	-	Yellow	Green	Blue	Red



Taper Drill

Multi-step taper drill optimized for fixture shape

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



Unit mm				
	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

Cortical Drill

Used to remove cortical bone in dense bone

- mended to drill up to the marking lin

Unit mm

	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



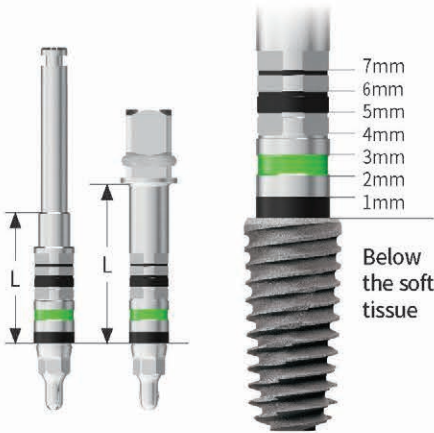
Fixture Driver

Can place fixture up to 7 mm below soft tissue

*Sold separately

Unit mm

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



Final Check Pin

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

Unit mm

Length	12
Code	FCP 36



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

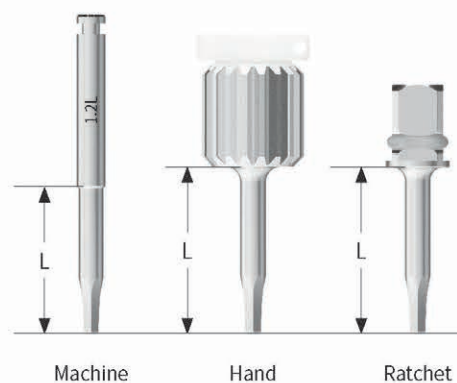
Code	DECS 15
------	---------



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



*Sold separately

Unit:mm

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

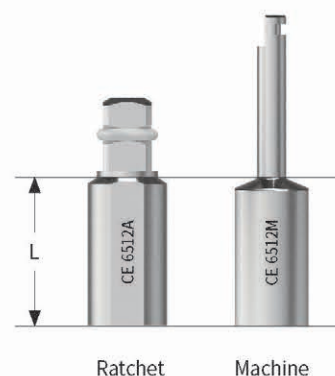
Connector Extension

Extends connector length during implant placement

**Sold separately*

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

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

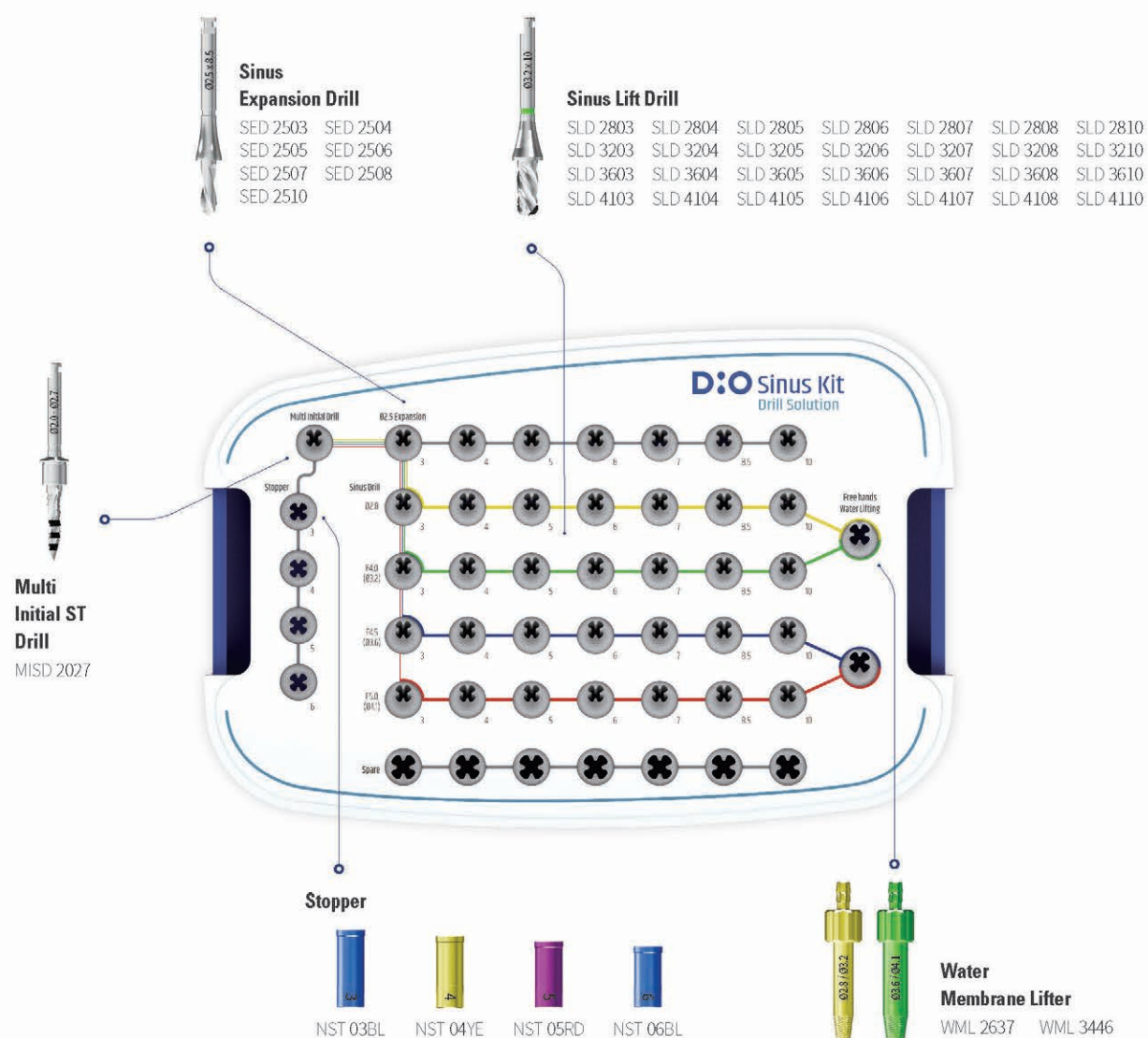


Code

DDG 1506

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 Membrane Detach Tool
SMDT 01



Saline Tube
MLT 40300



Depth Gauge
DPG 2050



*Bottom Panel Components

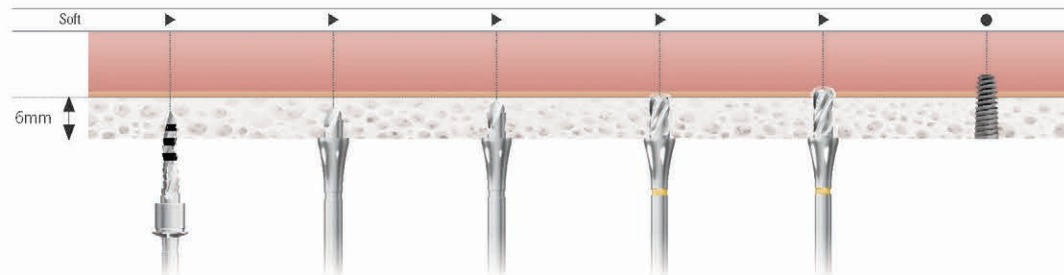
Drilling Sequence Kit

37

Sinus Kits Sinus Kits

**F3.5 x
8.5mm**

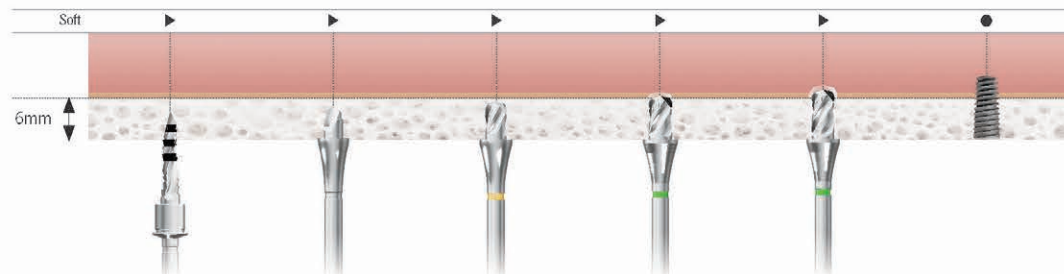
Residual bone
6mm



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**

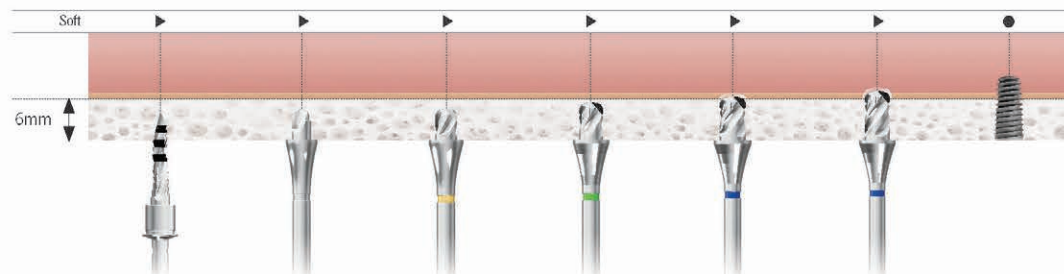
Residual bone
6mm



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**

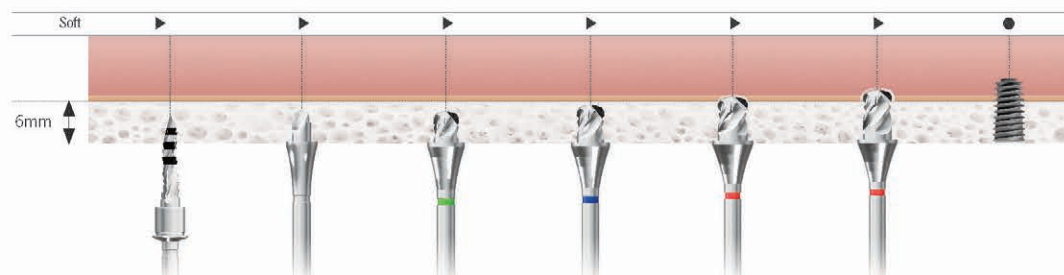
Residual bone
6mm



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 Membrane Detach Tool

Used for membrane detachment at crestal site

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



Code

SMDT 01

Depth Gauge

Used to measure the depth of the drilling hole



Code

DPG 2050

Saline Tube

- Syringe sold separately



Code

MLT 40300

D:O IMPLANT

The oral care solution creator

D:O IMPLANT

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