

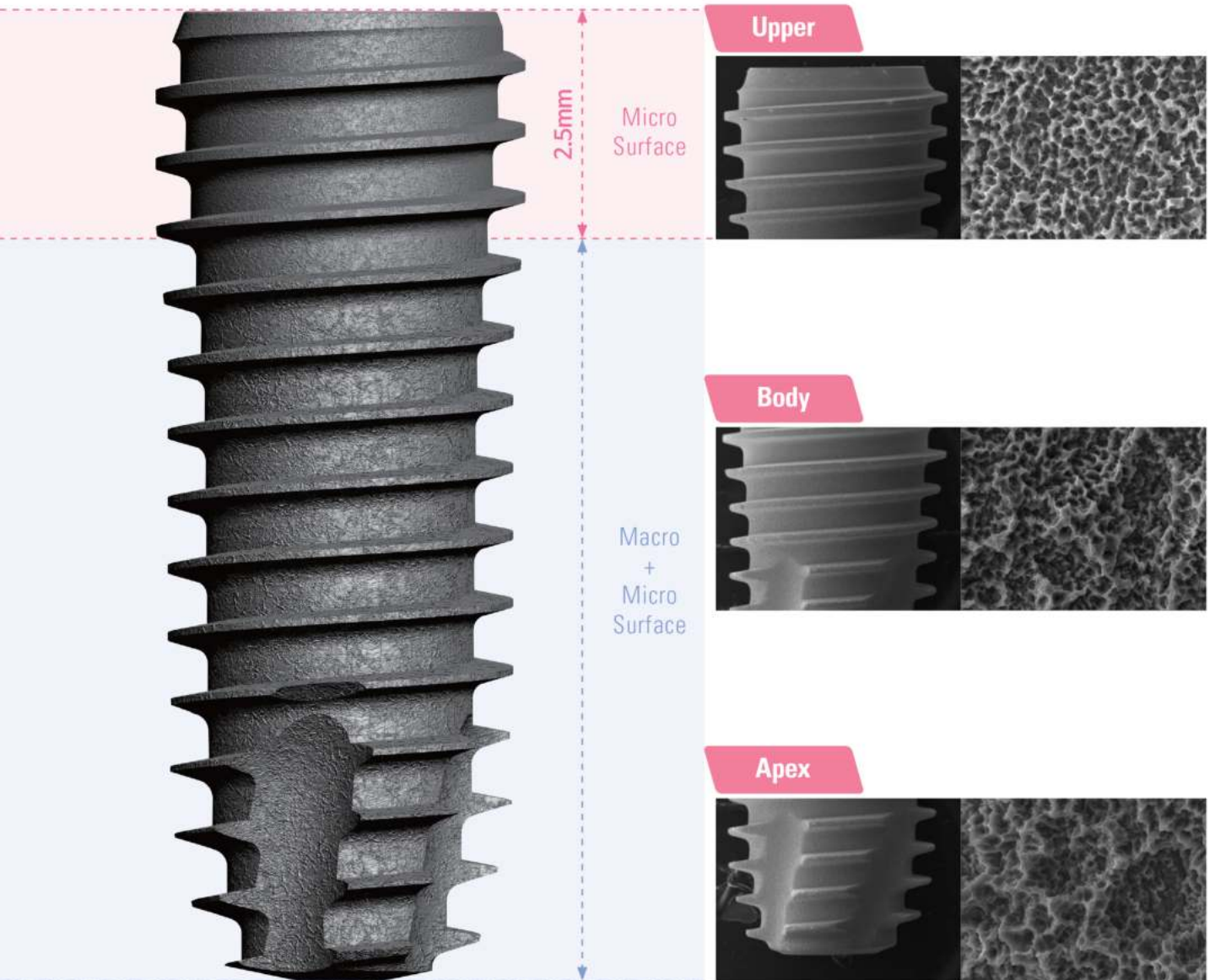
UF II Implant

Surface Feature HSA Hybrid SLA



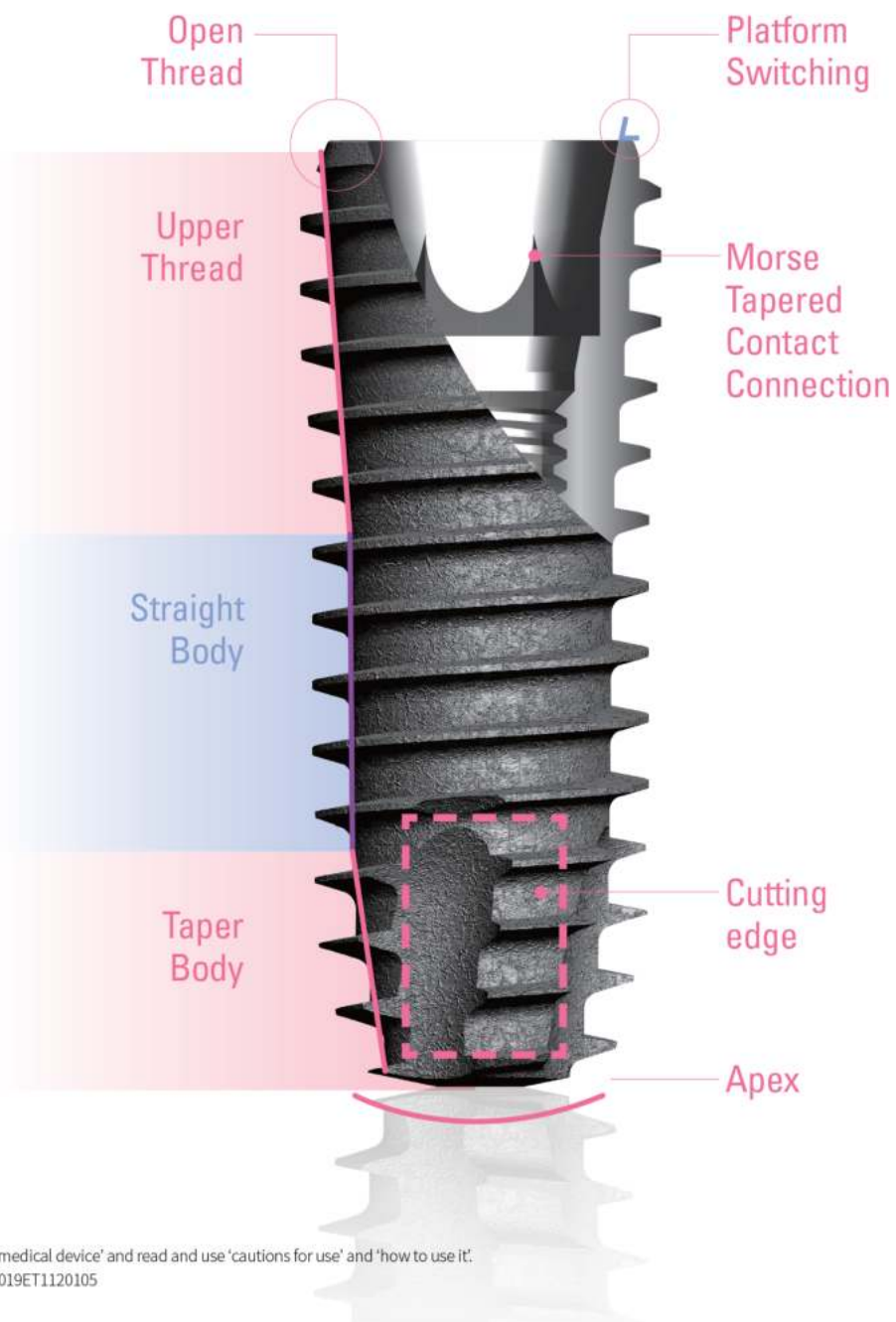
Hybrid Type SLA Implant

UFI Implant Surface HSA



Hybrid Type SLA Implant

UFII Implant



※ This product is a 'medical device' and read and use 'cautions for use' and 'how to use it'.
 Review number 2019ET1120105

Up your game **with UV**

UV UNTREATED

Biological aging

As soon as it is exposed to air,
biological aging occurs on the implant surface.



UV TREATED

UV Photofunctionalization

UV photofunctionalization is a series of surface modification on implant surfaces occurring after UV treatment



UV irradiation



Removal of organic Matter (Hydrocarbon)



Convert to super-hydrophilic surface



Improve blood wettability



Induce fast bone formation and early osseointegration

Surface activation in 20 seconds under the 360° full surround UV light

Complete UV Photofunctionalization Safely & Powerfully, **UV Activator**

UV Photofunctionalization converts the implant surface from hydrophobic superhydrophobic and removes organic matters from the surface.

Core values of UV Activator

1 UV Activator

UV treatment in just 20 seconds with the powerful 360° UV irradiation design



2 UV Active

Unique double-layer packaging ampoule to prevent even the slightest chance of contamination





UV Active has superhydrophilicity
Absorbing blood faster than ever

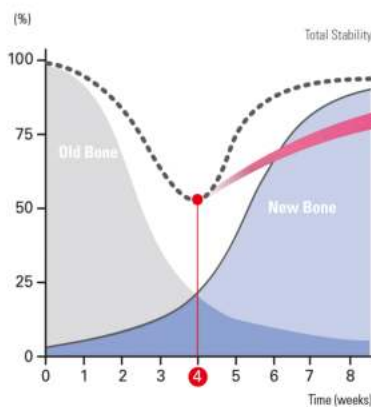
UV treatment converts the implant surface to superhydrophilic, it can induce to increase blood wettability and promote bone formation around implant area.



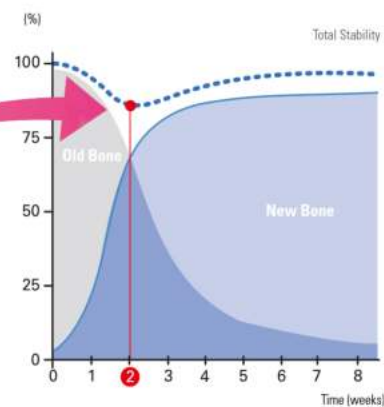
Water bubbles do not absorb but forms on surface



Water bubbles absorb immediately



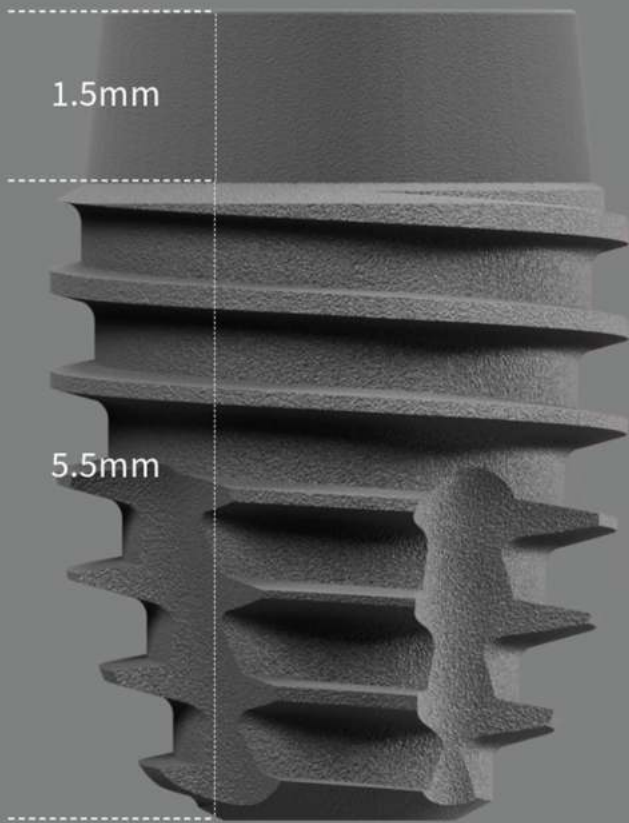
Level of stability falls rapidly at 4 weeks after implant placement, and stable osseointegration is only possible after 3 months of placement.



Stable osseointegration is possible from just 2~4 weeks after implant placement with the fast formation of new bone.

UV Active, a UV photofunctionalized implant
Faster osseointegration

UV photofunctionalization is a series of modifications to the surface of the implant using the UV Activator. And this modification promotes making the surface clean and improves blood wettability. As the result, it can induce faster osseointegration and early loading of prosthesis.




1. Internal Hex: 2.5 Hex connection, identical to UF(II) Regular/Wide series
2. Fixture design and drilling sequence optimized for high initial stability even in low bone density areas
3. Available in fixture diameters ranging from Regular $\varnothing 4.0$ to Wide $\varnothing 7.0$

Fixture level can be selected according to each case

Cases with sufficient vertical bone height:
Can be placed at **bone level (7mm)**

Cases with insufficient vertical bone height:
1.5mm tissue level + 5.5mm bone level placement





Q: Are there any concerns regarding the fixture surface treatment when placing 1.5mm at tissue level? (Such as plaque accumulation, bacterial adhesion, or peri-implantitis?)

A: The acid-etched upper portion (2.5mm) has a surface roughness similar to the machined surface of abutments

- Surface characteristics are compatible with soft tissue
- Similar roughness to conventional abutment surfaces
- Minimizes risk of plaque accumulation and bacterial adhesion
- Reduces potential for peri-implantitis complications

Narrow Fixture

| HSA/UV Active Ø3.0-L7502106 Ø3.3-L7502061

► Ø3.0 Fixture

- HSA / Packing Unit : Fixture | Order code : UF(II)N 0000SF (ex : UF(II)N 3008SF)
- Fixture + Cover Screw | Order code : UF(II)N 0000S (ex : UF(II)N 3008S)
- UV Active / Packing Unit : Fixture | Order code : UF(II)N 0000UV3 (ex : UF(II)N 3008UV3)

N D Ø3.0 Hex 1.7 Apex Ø1.6						Unit:mm Scale 1:1.2
Length	8.5	10	11.5	13	15	
						
	HSA UF(II)N 3008SF	UF(II)N 3010SF	UF(II)N 3011SF	UF(II)N 3013SF	UF(II)N 3015SF	
				3 UF(II)N 3013UV3	-	

N D Ø3.3 Hex 1.7 Apex Ø1.9						
Length	8.5	10	11.5	13	15	
						
	HSA UF(II)N 3308SF	UF(II)N 3310SF	UF(II)N 3311SF	UF(II)N 3313SF	UF(II)N 3315SF	
	UV Active UF(II)N 3308UV3	UF(II)N 3310UV3	UF(II)N 3311UV3	UF(II)N 3313UV3	-	

Regular Fixture

Code | HSA/UV Active L7502061

- HSA / Packing Unit : Fixture | Order code : UF(II) 0000SF (ex : UF(II) 3808SF)
Fixture + Cover Screw | Order code : UF(II) 0000S (ex : UF(II) 3808S)
- UV Active / Packing Unit : Fixture | Order code : UF(II) 0000UV3 (ex : UF(II) 3808UV3)

R D Ø3.8 Hex 2.5 Apex Ø1.4

Unit:mm | Scale 1:1.2

Length	7	8.5	10	11.5	13
					
HSA	-	UF(II) 3808SF	UF(II) 3810SF	UF(II) 3811SF	UF(II) 3813SF
UV Active	-	UF(II) 3808UV3	UF(II) 3810UV3	UF(II) 3811UV3	UF(II) 3813UV3

R D Ø4.0 Hex 2.5 Apex Ø1.6

Length	7(5.5)	7	8.5	10	11.5	13
						
HSA	UF(II) 4005SF	UF(II) 4007SF	UF(II) 4008SF	UF(II) 4010SF	UF(II) 4011SF	UF(II) 4013SF
UV Active	UF(II) 4005UV3	UF(II) 4007UV3	UF(II) 4008UV3	UF(II) 4010UV3	UF(II) 4011UV3	UF(II) 4013UV3

R D Ø4.5 Hex 2.5 Apex Ø1.6

Length	7(5.5)	7	8.5	10	11.5	13
						
HSA	UF(II) 4505SF	UF(II) 4507SF	UF(II) 4508SF	UF(II) 4510SF	UF(II) 4511SF	UF(II) 4513SF
UV Active	UF(II) 4505UV3	UF(II) 4507UV3	UF(II) 4508UV3	UF(II) 4510UV3	UF(II) 4511UV3	UF(II) 4513UV3

R D Ø5.0 Hex 2.5 Apex Ø2.0

Unit:mm | Scale:1:1.2

Length	7(5.5)	7	8.5	10	11.5	13
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HSA	UF(II) 5005SF	UF(II) 5007SF	UF(II) 5008SF	UF(II) 5010SF	UF(II) 5011SF	UF(II) 5013SF
UV Active	UF(II) 5005UV3	UF(II) 5007UV3	UF(II) 5008UV3	UF(II) 5010UV3	UF(II) 5011UV3	UF(II) 5013UV3

R D Ø5.5 Hex 2.5 Apex Ø2.5

Length	7(5.5)	7	8.5	10	11.5	13
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HSA	UF(II) 5505SF	UF(II) 5507SF	UF(II) 5508SF	UF(II) 5510SF	UF(II) 5511SF	UF(II) 5513SF
UV Active	UF(II) 5505UV3	UF(II) 5507UV3	UF(II) 5508UV3	UF(II) 5510UV3	UF(II) 5511UV3	UF(II) 5513UV3

Wide Fixture

- HSA / Packing Unit : Fixture | Order code : UF(II) 0000SF (ex : UF(II) 6005SF)
Fixture + Cover Screw | Order code : UF(II) 0000S (ex : UF(II) 6005S)
- UV Active / Packing Unit : Fixture | Order code : UF(II) 0000UV3 (ex : UF(II) 6005UV3)

W D Ø5.9 Hex 2.5 Apex Ø3.6

Unit:mm | Scale:1:1.2

Length	7(5.5)	7	8.5	10	11.5
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HSA	UF(II) 6005SF	UF(II) 6007SF	UF(II) 6008SF	UF(II) 6010SF	UF(II) 6011SF
UV Active	UF(II) 6005UV3	UF(II) 6007UV3	UF(II) 6008UV3	UF(II) 6010UV3	UF(II) 6011UV3

W D Ø6.4 Hex 2.5 Apex Ø3.6

Length	7(5.5)	7	8.5	10	11.5
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HSA	UF(II) 6505SF	UF(II) 6507SF	UF(II) 6508SF	UF(II) 6510SF	UF(II) 6511SF
UV Active	UF(II) 6505UV3	UF(II) 6507UV3	UF(II) 6508UV3	UF(II) 6510UV3	UF(II) 6511UV3

W D Ø6.9 Hex 2.5 Apex Ø3.6

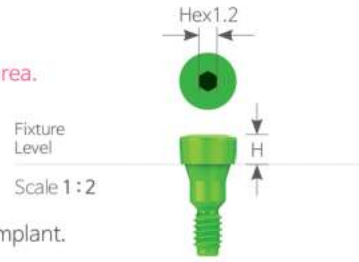
Length	7(5.5)	7	8.5	10	11.5
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HSA	UF(II) 7005SF	UF(II) 7007SF	UF(II) 7008SF	UF(II) 7010SF	UF(II) 7011SF
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Cover Screw

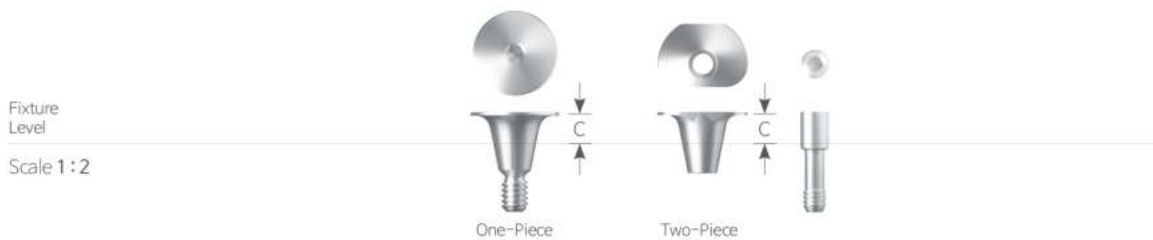
- ▶ Used for narrow area after the Implant surgery or protecting Implant connection area.
- ▶ Dental Implant cover screw is implanted into the top which helps to prevent tissue and bone to grow inside the implant.
- Uses 1.2 Hex Driver
- Method of use
 - ① Screw installation after removing the remaining blood or foreign substance in Implant.
 - ② Connect the screw using 1.2 hex driver and hand-tighten (5~8Ncm)
- Tightening Torque : 5~8Ncm
- Packing Unit : 1 Set (6 Pieces) | Order code : UNSCS 0000S or SSCS 0000S (ex : UNSCS 2700S)



N R W Hex 1.2		Unit mm Scale 1:1.25	
Fixture Size	Narrow	Regular - Wide	
Height 0	UNSCS 2700	SSCS 3400	-
1	UNSCS 2710	-	SSCS 3410
2	UNSCS 2720	-	SSCS 3420
3	UNSCS 2730	-	SSCS 3430

GBR Screw

- ▶ the GBR Screw is then used to cover the bonegraft to protect it from your tongue and saliva.
- ▶ Make a buccal incision (instead of a midcrestal incision) for better access to keratinized mucosa.
- Concave transmucosal profile make enough space for bone graft.
- 2-piece type can be used depending on implant placement and distance from adjacent teeth.
- Uses 1.2 Hex Driver



R		Unit mm Scale 1:1.25		
Fixture Size	Regular			
Type	One - Piece	Two - Piece		
Cuff 1.5	BFC 6565S	BFC 8080S	BFC 7060S	BFC 8055S
3	BFC 6565L	BFC 8080L	BFC 7060L	BFC 8055L

Healing Abutment

- Uses 1.2 Hex Driver
- Uses 0.5 Slot Driver
- Tightening Torque : 5~8Ncm

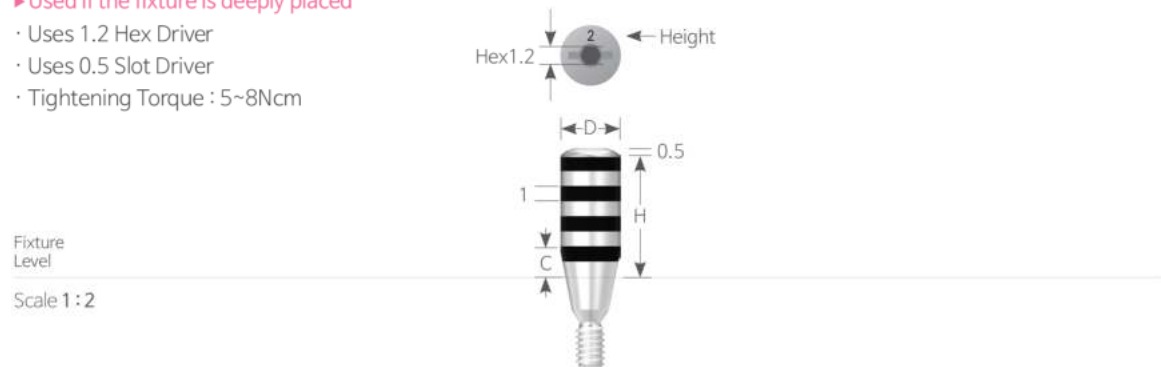


N Hex 1.2 Unit:mm | Scale 1:1.25

Fixture Size		Narrow			
		→ Ø4.1 ←	→ Ø4.2 ←	→ Ø4.6 ←	→ Ø4.7 ←
Cuff 2	Height 2	UNSHA 4020	-	UNSHA 4520	-
Cuff 2	Height 4	-	UNSHA 4024	-	UNSHA 4524
Cuff 3	Height 5.5	-	UNSHA 4035	-	UNSHA 4535
Cuff 4	Height 7	-	UNSHA 4047	-	UNSHA 4547
Cuff 5	Height 8.5	-	UNSHA 4058	-	UNSHA 4558
Cuff 6	Height 10	-	UNSHA 4060	-	UNSHA 4560

- ▶ Used for small diameter abutment like Ball abutment
- ▶ Used if the fixture is deeply placed

- Uses 1.2 Hex Driver
- Uses 0.5 Slot Driver
- Tightening Torque : 5~8Ncm



R W D Ø4.0 Hex 1.2 Unit:mm | Scale 1:1.25

Fixture Size		Regular · Wide			
Heigth		2	4	6	8
Cuff 2		SSHA 4020	SSHA 4040	SSHA 4060	SSHA 4080

Healing Abutment

- Uses 1.2 Hex Driver
- Uses 0.5 Slot Driver
- Tightening Torque : 5~8Ncm



R W Hex 1.2 Unit mm | Scale 1 : 1.25

Fixture Size Regular · Wide



Cuff 2	Height 2	SSHA 4520	SSHA 5520	SSHA 6520	SSHA 7520
Cuff 2	Height 4	SSHA 4524	SSHA 5524	SSHA 6524	SSHA 7524
Cuff 3	Height 5.5	SSHA 4535	SSHA 5535	SSHA 6535	SSHA 7535
Cuff 4	Height 7	SSHA 4547	SSHA 5547	SSHA 6547	SSHA 7547

DIO IMPLANT



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