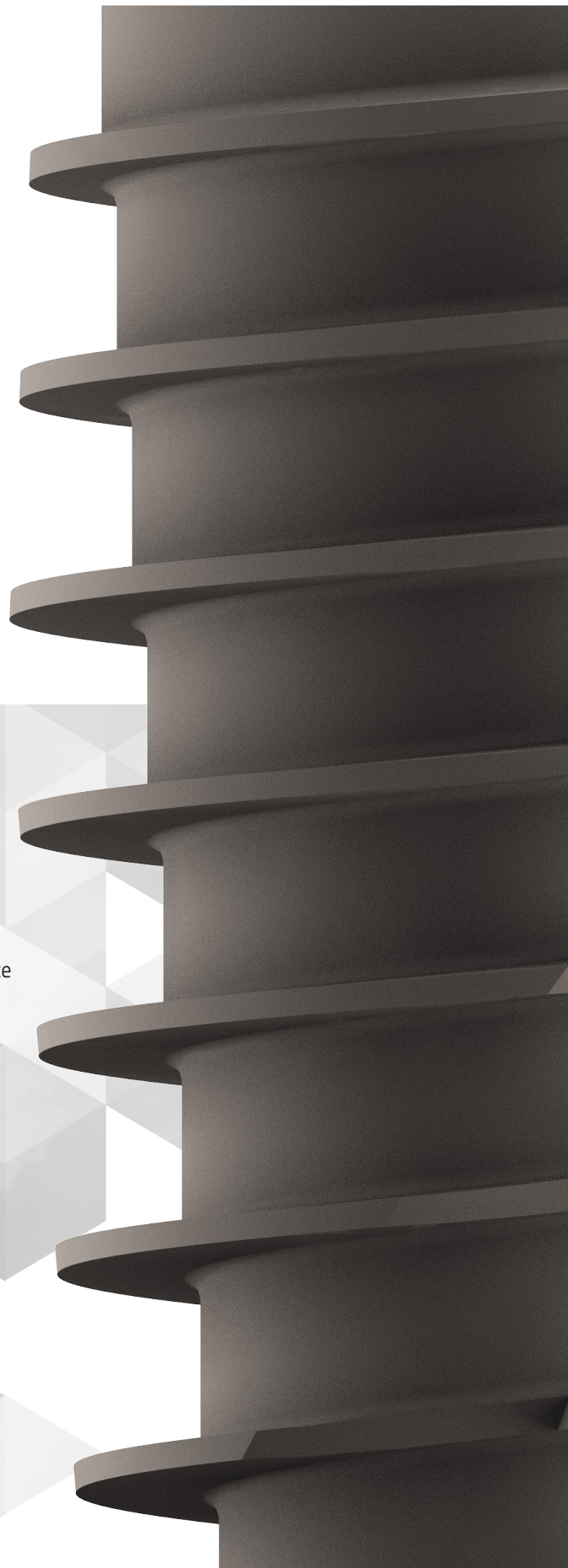
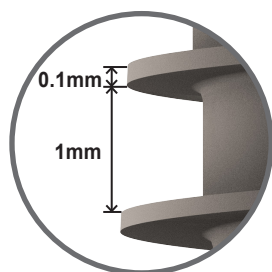


MAGIC FC®

- 1** **Fast Bone Healing** with No Decrease in Initial Stability
- 2** Initial Stability Through Morphologic Contact by **Rectangular Threads** Regardless of Bone Quality
- 3** **Outstanding Stress Distribution** with Virtually No Shearing Force
- 4** Plentiful Bone Volume Between Threads
- 5** Convenient Placement due to **"Self-Threading"**



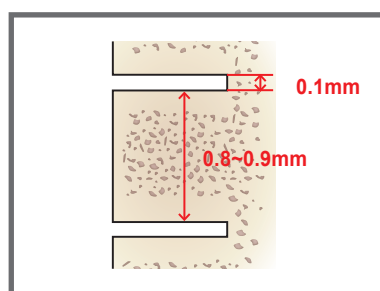
MAGIC FC®

**Straight-tapered body**

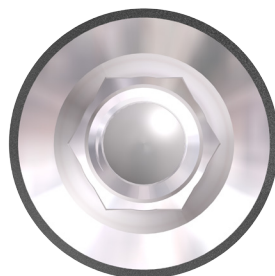
- Designed for maximum bone contact and superior primary stability

Special Coronal Shape

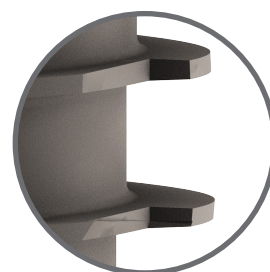
- Prevention of marginal bone loss, increased cortical bone healing ability



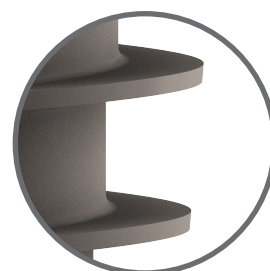
- Improved strength of bone between threads
- Balanced flexibility between threads and bone
- Large volume of bone in contact with implant results in superior stability



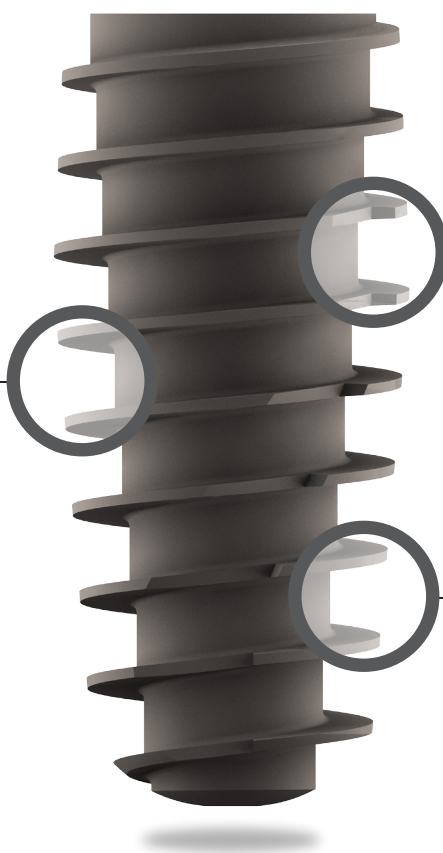
(Top View)

**Cutting Edge**

- Self-Threading insertion with excellent directional maintenance

**FIN THREAD**

- Cuts through bone and gains stability by maximum bone-to-thread contact regardless of bone quality. Stability without bone pressure



(Front View)

Magic FC Drill Guide Table

Fixture Bone Quality	Ø 4.0mm	Ø 4.5mm	Ø 5.0mm	Ø 5.5mm	Ø 6.0mm	Ø 6.5mm
Soft Bone	MD38	MD38	MD43	MD48	MD53	MD58
Hard Bone		MD43	MD48	MD53	MD58	MD63

Magic FC Precautions

1. Insert the fixture in the pre-planned and drilled direction. Make sure to match the direction of the fixture to the angle of the placement hole by first placing the final drill into the placement hole to check and confirm direction. Then proceed with fixture placement.
2. Only apply slight vertical pressure for the first 2mm of insertion. DO NOT apply vertical pressure during placement.
3. Do not change directions while placing the implant.
4. Maintain placement speed below 20rpm.
5. Final torque is irrelevant to stability. Rather, the torque indicates bone quality. Dense bone will result in high torque, whereas soft bone will result in low torque

Magic FC Mini (Ø3.0, Ø3.5)

When using the FC Mini fixture, abutments have an increased cuff of 1mm

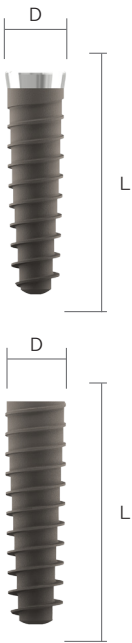
Fixture Size

Fixture Diameter Ø3.0 (Mini) [Unit:mm]

Diameter	Length	Code
		PAT
Ø3.0	13	IBS3013FC

Fixture Diameter Ø3.5 (Mini) [Unit:mm]

Diameter	Length	Code
		PAT
Ø3.5	11	IBS3511FC
	13	IBS3513FC



MAGIC FC®

Fixture Diameter Ø4.0 [Unit:mm]

Diameter	Length	Code	
		PAT	SLA
Ø4.0	7	IBS4007FC	FC4007
	9	IBS4009FC	FC4009
	11	IBS4011FC	FC4011
	13	IBS4013FC	FC4013



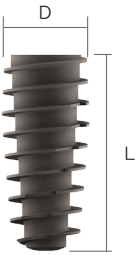
Fixture Diameter Ø4.5 [Unit:mm]

Diameter	Length	Code	
		PAT	SLA
Ø4.5	7	IBS4507FC	FC4507
	9	IBS4509FC	FC4509
	11	IBS4511FC	FC4511
	13	IBS4513FC	FC4513



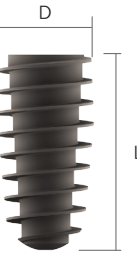
Fixture Diameter Ø5.0 [Unit:mm]

Diameter	Length	Code	
		PAT	SLA
Ø5.0	7	IBS5007FC	FC5007
	9	IBS5009FC	FC5009
	11	IBS5011FC	FC5011
	13	IBS5013FC	FC5013



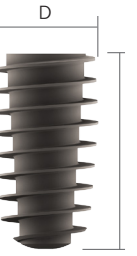
Fixture Diameter Ø5.5 [Unit:mm]

Diameter	Length	Code	
		PAT	SLA
Ø5.5	7	IBS5507FC	FC5507
	9	IBS5509FC	FC5509
	11	IBS5511FC	FC5511
	13	IBS5513FC	FC5513



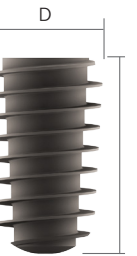
Fixture Diameter Ø6.0 [Unit:mm]

Diameter	Length	Code	
		PAT	SLA
Ø6.0	7	IBS6007FC	FC6007
	9	IBS6009FC	FC6009
	11	IBS6011FC	FC6011
	13	IBS6013FC	FC6013



Fixture Diameter Ø6.5 [Unit:mm]

Diameter	Length	Code	
		PAT	SLA
Ø6.5	7	IBS6507FC	FC6507
	9	IBS6509FC	FC6509
	11	IBS6511FC	FC6511
	13	IBS6513FC	FC6513



IBS Prosthetic System

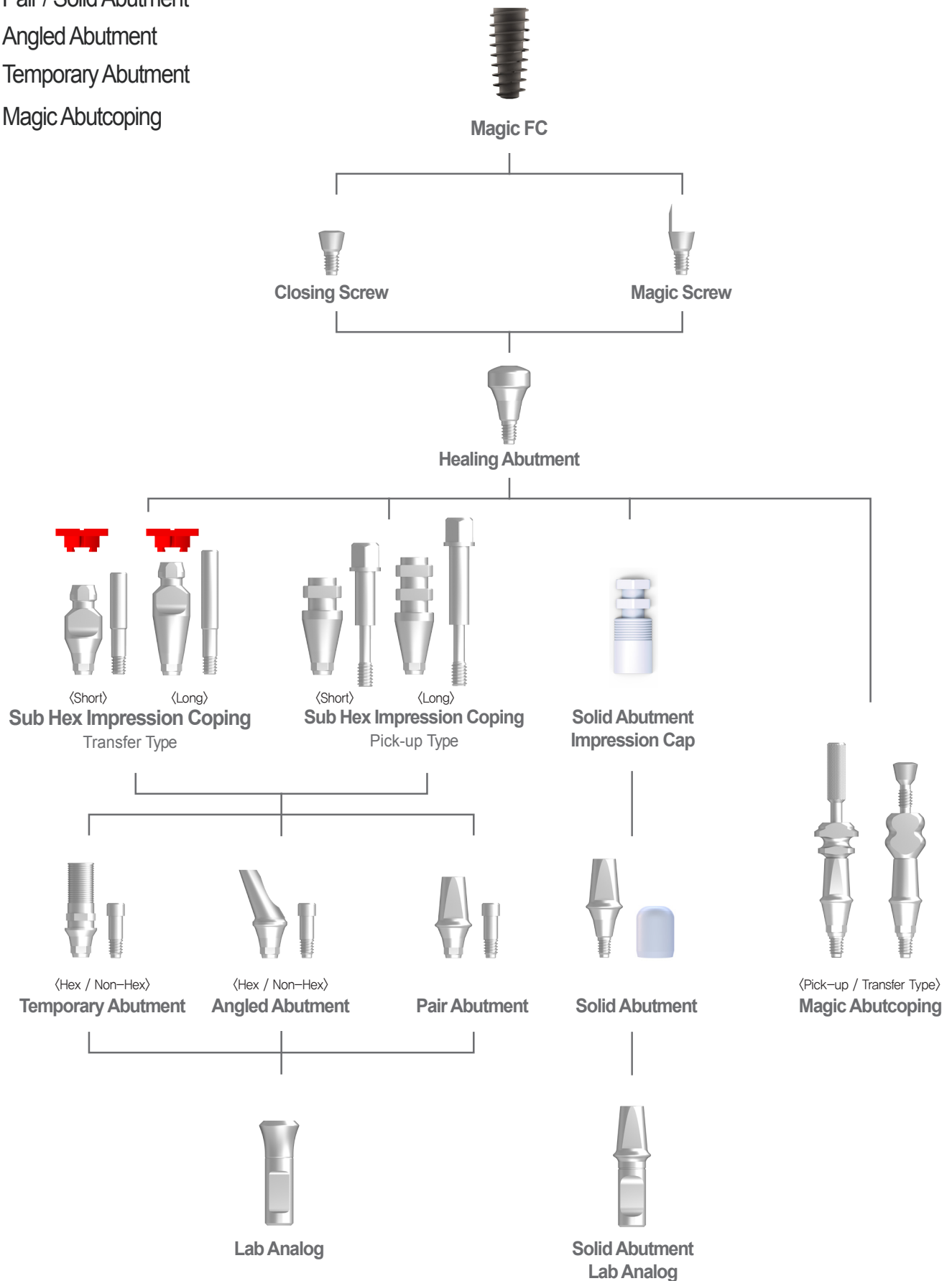
Cemented type Prosthetics

Pair / Solid Abutment

Angled Abutment

Temporary Abutment

Magic Abut coping



IBS Prosthetic System

■ Closing Screw

- Prevention of foreign substance penetrating into fixture after placement
- Tighten by using 1.2 Hexa Driver and Torque Ratchet (5N~10N/cm)

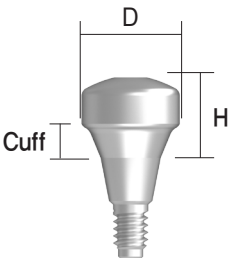
[Unit:mm]	
ØDiameter	Code
Ø3.4	HISC00
FC Mini	HISCM



■ Healing Abutment

- Forming gingival shape after osseointegration
- Tighten by using 1.2 Hexa Driver and Torque Ratchet (5N~10N/cm)

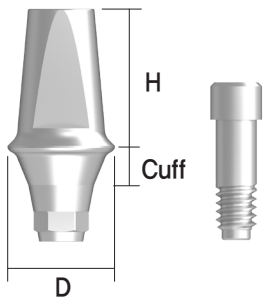
[Unit:mm]			
ØDiameter	Height(H)	Cuff	Code
Ø4.0	3.5	1	HISH 4001
	4.5	2	HISH 4002
	5.5	3	HISH 4003
	6.5	4	HISH 4004
Ø4.5	3.5	1	HISH 4501
	4.5	2	HISH 4502
	5.5	3	HISH 4503
	6.5	4	HISH 4504
Ø5.5	3.5	1	HISH 5501
	4.5	2	HISH 5502
	5.5	3	HISH 5503
	6.5	4	HISH 5504
Ø6.0	3.5	1	HISH 6001
	4.5	2	HISH 6002
	5.5	3	HISH 6003
	6.5	4	HISH 6004



IBS Prosthetic System

■ Pair Abutment

- Two piece type abutment
- Tighten with 1.2 Hexa driver (25N~30N/cm)
- Abutment Screw (OIAS400) included



[Unit:mm]

ØDiameter	Height(H)	Cuff	Code	ØDiameter	Height(H)	Cuff	Code
Ø 4.0	4	1	OSH 4014	Ø 5.5	5.7	1	OSH 5516
		2	OSH 4024			2	OSH 5526
		3	OSH 4034			3	OSH 5536
		4	OSH 4044			4	OSH 5546
Ø 4.5		1	OSH 4514	Ø 6.5		1	OSH 6516
		2	OSH 4524			2	OSH 6526
		3	OSH 4534			3	OSH 6536
		4	OSH 4544			4	OSH 6546
Ø 5.5		1	OSH 5514	Ø 4.0	7.5	1	OSH 4018
		2	OSH 5524			2	OSH 4028
		3	OSH 5534			3	OSH 4038
		4	OSH 5544			4	OSH 4048
Ø 6.5		1	OSH 6514	Ø 4.5		1	OSH 4518
		2	OSH 6524			2	OSH 4528
		3	OSH 6534			3	OSH 4538
		4	OSH 6544			4	OSH 4548
Ø 4.0	5.7	1	OSH 4016	Ø 5.5		1	OSH 5518
		2	OSH 4026			2	OSH 5528
		3	OSH 4036			3	OSH 5538
		4	OSH 4046			4	OSH 5548
Ø 4.5		1	OSH 4516	Ø 6.5		1	OSH 6518
		2	OSH 4526			2	OSH 6528
		3	OSH 4536			3	OSH 6538
		4	OSH 4546			4	OSH 6548

IBS Prosthetic System

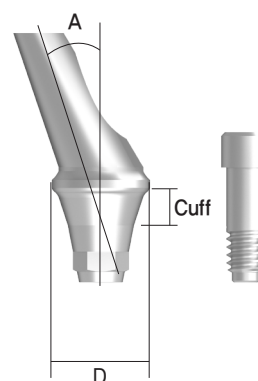
Angled Abutment

- Used to compensate for fixture placement direction error
- Tighten with 1.2 Hexa driver (25N~30N/cm)
- Abutment Screw (OIAS400) included

Hex Type

[Unit:mm]

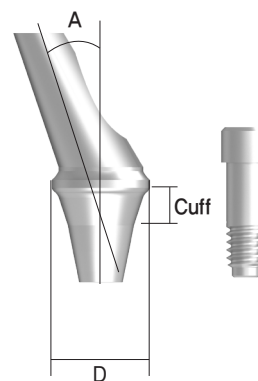
Ø Diameter	Angle	Cuff	Code
Ø4.0	15 °	1	HISA 40115
		2	HISA 40215
		3	HISA 40315
		4	HISA 40415
	25 °	1	HISA 40125
		2	HISA 40225
		3	HISA 40325
		4	HISA 40425
Ø4.5	15 °	1	HISA 45115
		2	HISA 45215
		3	HISA 45315
		4	HISA 45415
	25 °	1	HISA 45125
		2	HISA 45225
		3	HISA 45325
		4	HISA 45425
Ø5.0	15 °	1	HISA 50115
		2	HISA 50215
		3	HISA 50315
		4	HISA 50415
	25 °	1	HISA 50125
		2	HISA 50225
		3	HISA 50325
		4	HISA 50425



Non-Hex Type

[Unit:mm]

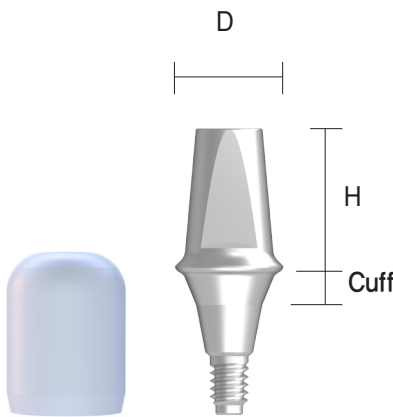
Ø Diameter	Angle	Cuff	Code
Ø4.0	15 °	1	NHSA 40115
		2	NHSA 40215
		3	NHSA 40315
		4	NHSA 40415
	25 °	1	NHSA 40125
		2	NHSA 40225
		3	NHSA 40325
		4	NHSA 40425
Ø4.5	15 °	1	NHSA 45115
		2	NHSA 45215
		3	NHSA 45315
		4	NHSA 45415
	25 °	1	NHSA 45125
		2	NHSA 45225
		3	NHSA 45325
		4	NHSA 45425
Ø5.0	15 °	1	NHSA 50115
		2	NHSA 50215
		3	NHSA 50315
		4	NHSA 50415
	25 °	1	NHSA 50125
		2	NHSA 50225
		3	NHSA 50325
		4	NHSA 50425



IBS Prosthetic System

Solid Abutment

- One-piece type abutment
- Protection Cap (OISS) included
- Tighten with 1.2 Hexa Driver (25N~30N/cm)



[Unit:mm]

ØDiameter	Height(H)	Cuff	Code	ØDiameter	Height(H)	Cuff	Code
Ø 4.0	4	1	HISS 4014	Ø 5.5	5.5	1	HISS 5515
		2	HISS 4024			2	HISS 5525
		3	HISS 4034			3	HISS 5535
		4	HISS 4044			4	HISS 5545
Ø 4.5		1	HISS 4514	Ø 6.5		1	HISS 6515
		2	HISS 4524			2	HISS 6525
		3	HISS 4534			3	HISS 6535
		4	HISS 4544			4	HISS 6545
Ø 5.5		1	HISS 5514	Ø 4.0	7	1	HISS 4017
		2	HISS 5524			2	HISS 4027
		3	HISS 5534			3	HISS 4037
		4	HISS 5544			4	HISS 4047
Ø 6.5		1	HISS 6514	Ø 4.5		1	HISS 4517
		2	HISS 6524			2	HISS 4527
		3	HISS 6534			3	HISS 4537
		4	HISS 6544			4	HISS 4547
Ø 4.0	5.5	1	HISS 4015	Ø 5.5		1	HISS 5517
		2	HISS 4025			2	HISS 5527
		3	HISS 4035			3	HISS 5537
		4	HISS 4045			4	HISS 5547
Ø 4.5		1	HISS 4515	Ø 6.5		1	HISS 6517
		2	HISS 4525			2	HISS 6527
		3	HISS 4535			3	HISS 6537
		4	HISS 4545			4	HISS 6547

IBS Prosthetic System

■ Solid Abutment Impression Cap

- Used for precise impression coping on solid abutment

[Unit:mm]

ØDiameter	Code
Ø 4.0	FSPC40
Ø 4.5	FSPC45
Ø 5.5	FSPC55
Ø 6.5	FSPC65

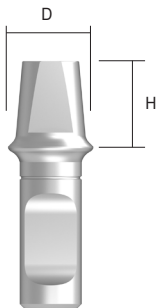


■ Solid Abutment Analog

- Used with Solid Abutment

[Unit:mm]

ØDiameter	Height(H)	Code
Ø 4.0	4	FSLA404
	5.5	FSLA405
	7	FSLA407
Ø 4.5	4	FSLA454
	5.5	FSLA455
	7	FSLA457
Ø 5.5	4	FSLA554
	5.5	FSLA555
	7	FSLA557
Ø 6.5	4	FSLA654
	5.5	FSLA655
	7	FSLA657

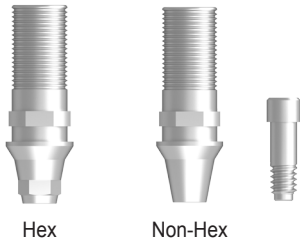


■ Temporary Abutment

- Abutment Screw (OIAS400) included

[Unit:mm]

Type	Code
Hex	TAPH4513
Non-Hex	TAPN4513



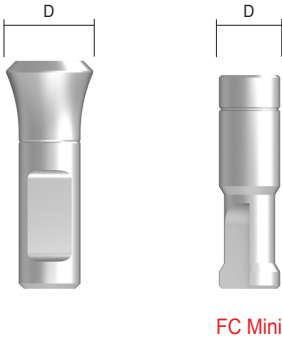
IBS Prosthetic System

Lab Analog

- Designed to replicate the exact position and exact external and internal anatomy of chosen implant for laboratory use.

[Unit:mm]

ØDiameter	Code
Ø 4.8	HIAL
FC Mini	HIALM



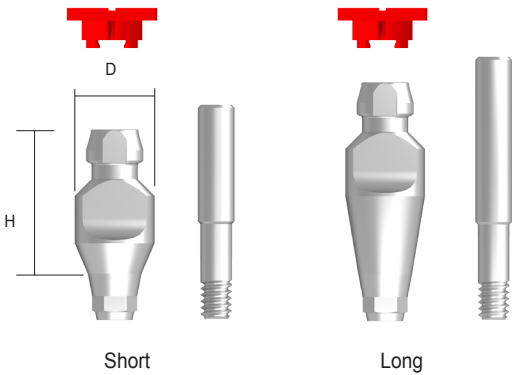
Sub Hex Impression Coping

- Used when working cast is fabricated, and has same inner-connection structure as the fixture
- Used with close tray when taking fixture level impression
- Used with open type tray when taking fixture level impression
- Tighten by using 1.2 Hexa Driver and Torque Ratchet (10N/cm)
- Transfer Cap (TCS) included in the package

Transfer Type

[Unit:mm]

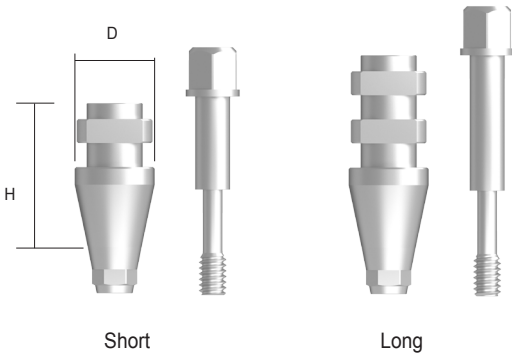
ØDiameter	Height(H)	Code
Ø 4.0	11.9 (Short)	HICTS40S
	14.9 (Long)	HICTS40L
Ø 5.0	11.9 (Short)	HICTS50S
	14.9 (Long)	HICTS50L



Pick-up Type

[Unit:mm]

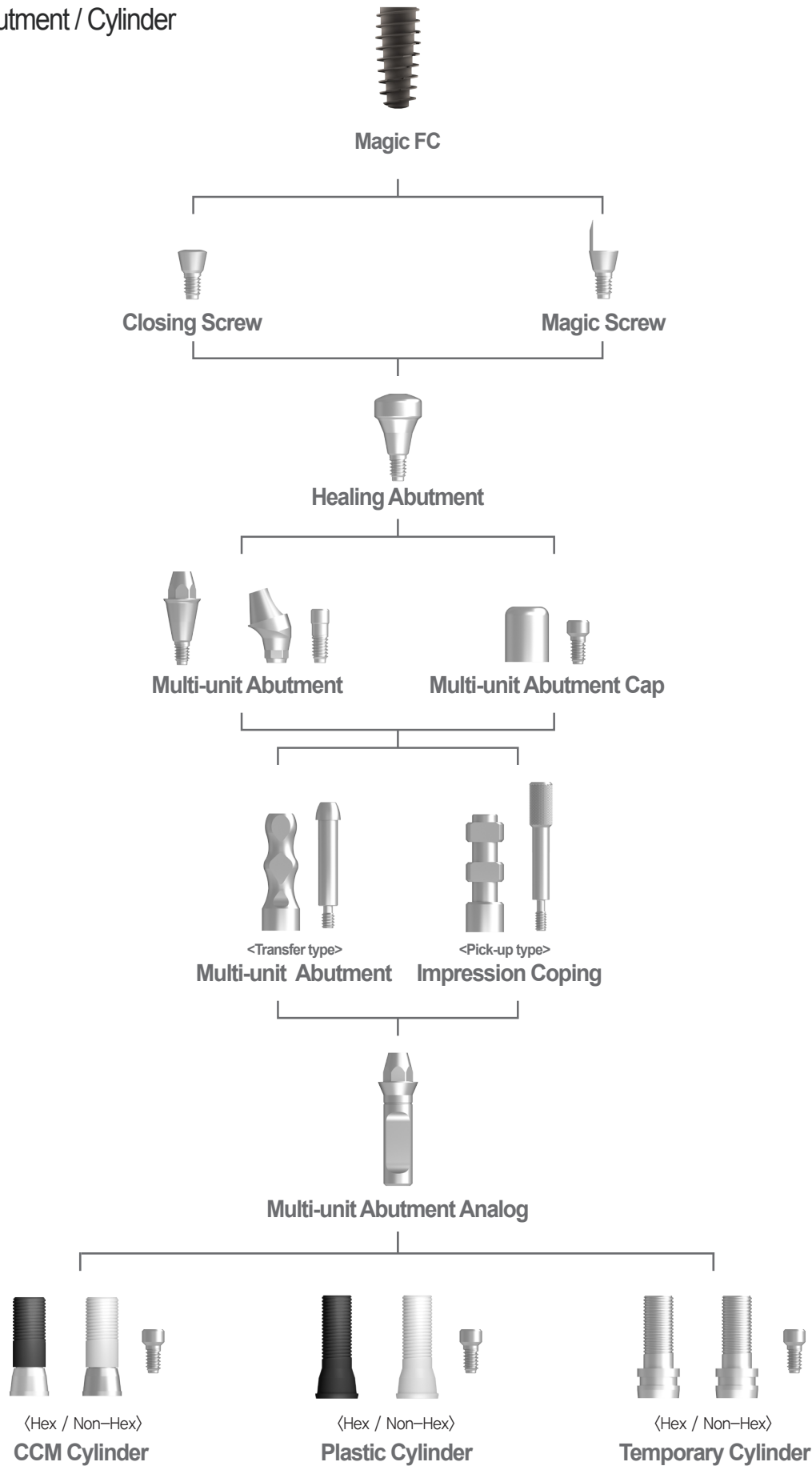
ØDiameter	Height(H)	Code
Ø 4.0	11.9 (Short)	HICP40S
	14.9 (Long)	HICP40L
Ø 5.0	11.9 (Short)	HICP50S
	14.9 (Long)	HICP50L



IBS Prosthetic System

Screw-retained Prosthetics:

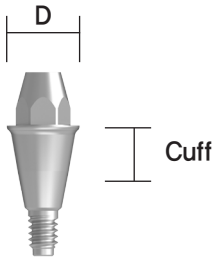
Multi-unit Abutment / Cylinder



IBS Prosthetic System

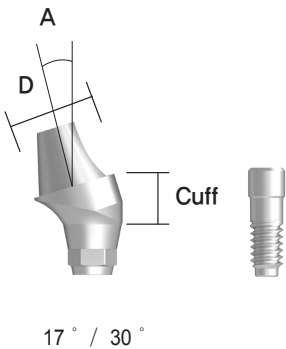
Multi-unit Abutment

- Used with multiunit cylinders to create multiple unit restorations
- Tighten with Multi-unit Abutment Driver (25N~30N/cm)



Multi-unit Abutment (Straight) [Unit:mm]			
Diameter	Cuff	Type	Code
Ø4.8	2	Hex	FMH482070
	3		FMH483080
	4		FMH484090
	5		FMH485100

- Improves posterior angulation in screw retained multiple unit restorations
- Tighten with 1.2 Hexa driver (25N~30N/cm)
- Multi-abutment Abutment screw (MUASR) included



Multi-unit Abutment (Angled) [Unit:mm]					
Diameter	Cuff	17°		30°	
		Hex	Non-Hex	Hex	Non-Hex
Ø4.8	2	FMH482081	FMN482081	-	-
	3	FMH483091	FMN483091	-	-
	4	FMH484101	FMN484101	FMH484103	FMN484103
	5	-	-	FMH485113	FMN485113

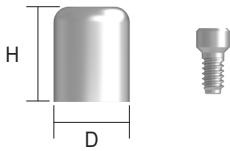
IBS Prosthetic System

Multi-unit Abutment Cap

- Used to protect the abutment in the patients mouth and minimize discomfort for the patient
- Retaining screw (MASR) included
- Tighten with 1.2 Hexa Driver and Torque Ratchet (10N)

[Unit:mm]

Diameter	Height	Code
Ø4.8	6	MAC48R



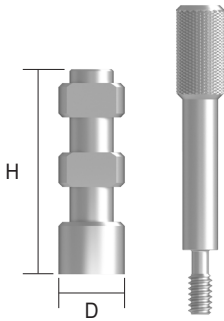
Multi-unit Abutment Impression coping

Pick-up Type

[Unit:mm]

Diameter	Height	Hex / Non-Hex	Code
Ø4.8	14.8	Hex	MIPH48R
		Non-Hex	MIPN48R

- Pick-up type impression-taking process using custom tray (Open tray)
- Tighten with 1.2 Hexa Driver and Torque Ratchet (10N)

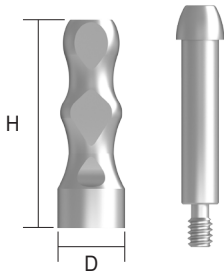


Transfer Type

[Unit:mm]

Diameter	Height	Hex / Non-Hex	Code
Ø4.8	14.8	Hex	MITH48R
		Non-Hex	MITN48R

- Transfer type impression taking process using ready-made tray (Closed Tray)
- Tighten with 1.2 Hexa Driver and Torque Ratchet (10N)



Multi-unit Abutment Analog

- Replacement of abutment shape in working cast

Analog

[Unit:mm]

Diameter	Code
Ø4.8	MAA48R

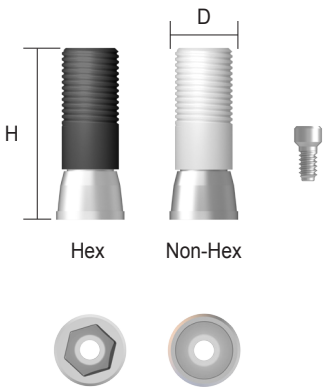


IBS Prosthetic System

Multi-unit Abutment CCM Cylinder

- Used with Multi-unit Abutments to create multiple screw retained prosthetics. Requires the use of dental alloys with lower melting points.
- Retaining screw (MASR) included
- Tighten with 1.2 Hexa Driver and Torque Ratchet (20N)
- The hex type is compatible with the straight type multi-unit abutment only.

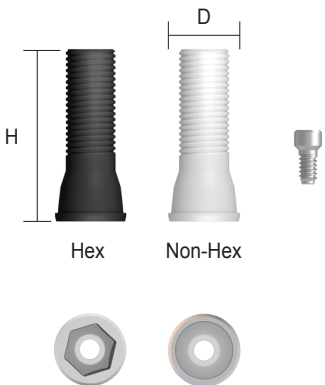
CCM Cylinder [Unit:mm]			
Diameter	Height	Hex / Non-Hex	Code
Ø4.8	12	Hex	MCCH48R
		Non-Hex	MCCN48R



Multi-unit Abutment Plastic Cylinder

- Used with multi-unit abutments to create multiple unit screw retained prosthetics
- All plastic design allows for the use of base alloys
- Retaining screw (MASR) included
- Tighten with 1.2 Hexa Driver and Torque Ratchet (20N)
- The hex type is compatible with the straight type multi-unit abutment only.

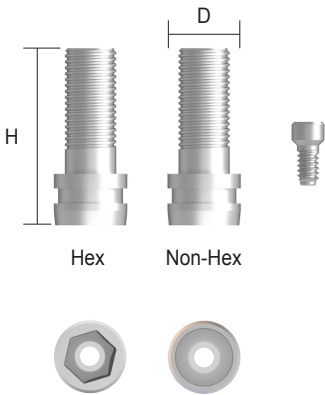
Plastic Cylinder [Unit:mm]			
Diameter	Height	Hex / Non-Hex	Code
Ø4.8	12	Hex	MCPH48R
		Non-Hex	MCPN48R



Multi-unit Abutment Temporary Cylinder

- Allow appliances to be constructed or modified to become implant supported and screw retained
- Retaining screw (MASR) included
- Tighten with 1.2 Hexa Driver and Torque Ratchet (20N)
- The hex type is compatible with the straight type multi-unit abutment only.

Temporary Cylinder [Unit:mm]			
Diameter	Height	Hex / Non-Hex	Code
Ø4.8	12	Hex	MCTH48R
		Non-Hex	MCTN48R

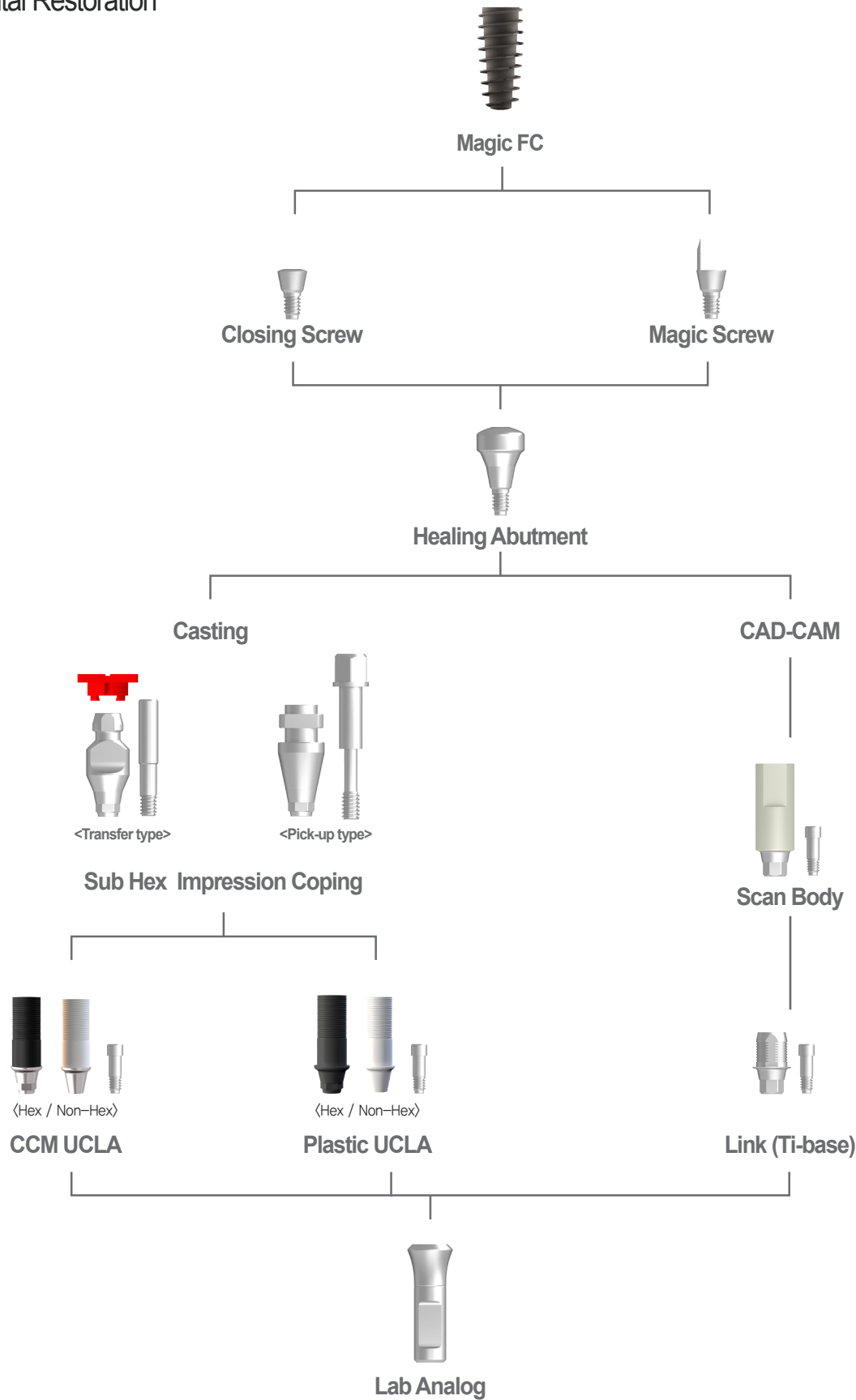


IBS Prosthetic System

Screw-retained Prosthetics:

UCLA Abutment

Digital Restoration



IBS Prosthetic System

Magic FC CAD/CAM Components

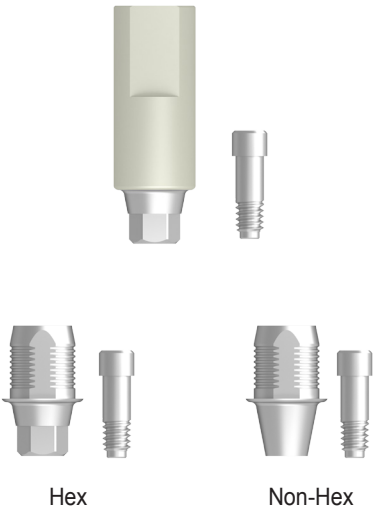
- ※ CAD/CAM Components
- ※ Link library available
- ※ Full Zirconia available
- Abutment Screw (OIAS400) included

Magic FC Scanbody

Code
FSB

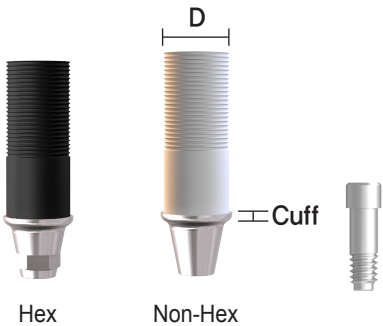
Magic FC Link (Ti-base)

Type	Code
Hex	FLH45
Non-Hex	FLN45



UCLA Abutment

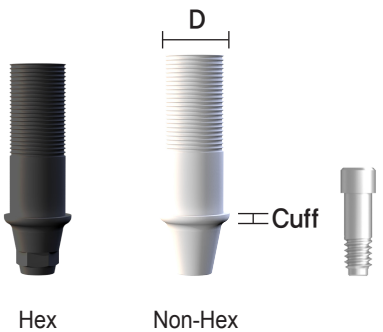
- Used for construction of screw retained prosthetics
- Requires the use of dental alloys with lower melting ranges
- Tighten with 1.2 Hexa driver (25N~30N/cm)
- Abutment Screw (OIAS400) included



CCM Type [Unit:mm]

Diameter	Cuff	Code	
		Hex	Non-Hex
Ø4.0	1	FUCH 4001	FUCN 4001
Ø4.5	5	FUCH 4501	FUCN 4501

- Used for construction of screw retained prosthetics
- All plastic design allows for the use of base alloys
- Tighten with 1.2 Hexa driver (25N~30N/cm)



Plastic Type [Unit:mm]

Diameter	Cuff	Code	
		Hex	Non-Hex
Ø4.0	1	FUPH 4001	FUPN 4001
Ø4.5	5	FUPH 4501	FUPN 4501