

CE
0123

ISO 13485

FDA

F&B Technology Co.Ltd.

Fit & Brilliant

Dental Implant System



F&B Technology
Dental Implant System

Dental Implant System



Revolution in dental implant systems

F&B dental system is researched and developed,

FIT for patients and dentists,

BRILLIANT choice



Why is Fit & Brilliant?



- ▶ Shortened preparation and operation time.
- ▶ Perform safe implant surgery.
- ▶ Reduce stress of doctors.
- ▶ Minimize pain of patients.
- ▶ Solve implantologist's main concern.

***For safer, easier, faster
& best dental system.***

Internal Fixture



Submerged Fixture



FA Submerged Fixture

Connection

2.5 Hex indentation and 11 degree Morse Taper

Micro Thread

The deep 0.2mm micro thread increases the surface area and induces a smooth connection with the larger main thread. Additionally, the micro thread increases thread contact with bone thereby improving the initial fixation effect

Main Thread

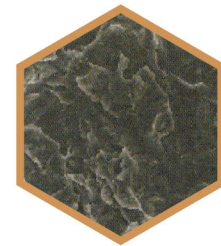
When the fixture is inserted into the implant bed, the conical shape and lower deep thread of the fixture increase stability and make immediate loading possible.

Dual Thread



As 0.8mm pitch of dual thread type, the surgery time is reduced. (1.6mm per 1 rotation)

RBM Surface



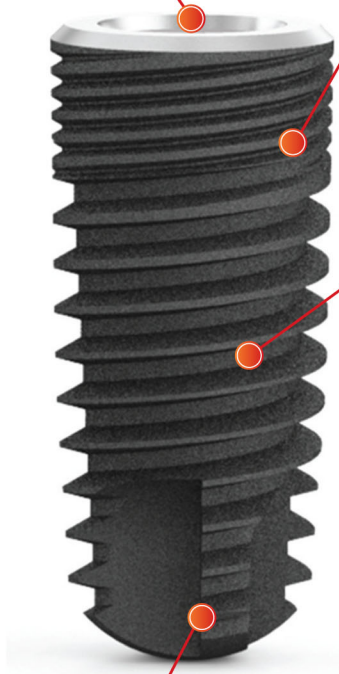
Surface areas are increased through blasting by highly biocompatible Calcium-Phosphate Media.

Cutting Edge

When placing the implants, the cutting edge has Excellent Penetrability even in the Low Torque Value by Self Tapping and minimizes damage of bone tissue.

Apex

Apex has the dimension of $D(\text{fixture diameter}) - 0.7[\text{mm}]$ and the body shape has the overall tapered one and Ball Shape allows Safe and Comfortable implant surgery.



Narrow

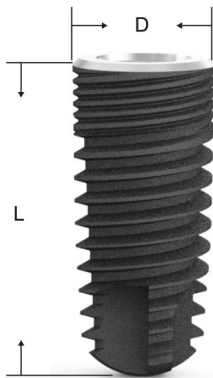
Regular

Wide

Ultra-Wide

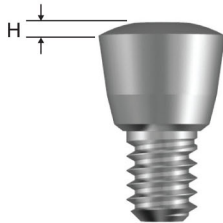


Submerged Fixture



L \ D	3.9	4.1	4.4	4.8
7	FAN 39070	FAR 41070	FAR 44070	FAW 48070
8.5	FAN 39085	FAR 41085	FAR 44085	FAW 48085
10	FAN 39100	FAR 41100	FAR 44100	FAW 48100
11.5	FAN 39115	FAR 41115	FAR 44115	FAW 48115
13	FAN 39130	FAR 41130	FAR 44130	FAW 48130
15	FAN 39150	FAR 41150	FAR 44150	FAW 48150

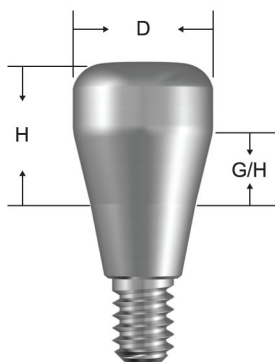
L \ D	5.3	5.8	6.3	6.8
7	FAU 53070	FAU 58070	FAU 63070	FAU 68070
8.5	FAU 53085	FAU 58085	FAU 63085	FAU 68085
10	FAU 53100	FAU 58100	FAU 63100	FAU 68100
11.5	FAU 53115	FAU 58115	FAU 63115	FAU 68115
13	FAU 53130	FAU 58130	FAU 63130	FAU 68130
15	FAU 53150	FAU 58150	FAU 63150	FAU 68150



Cover Screw

H	
0.5	FACS 5005
2	FACS 5020

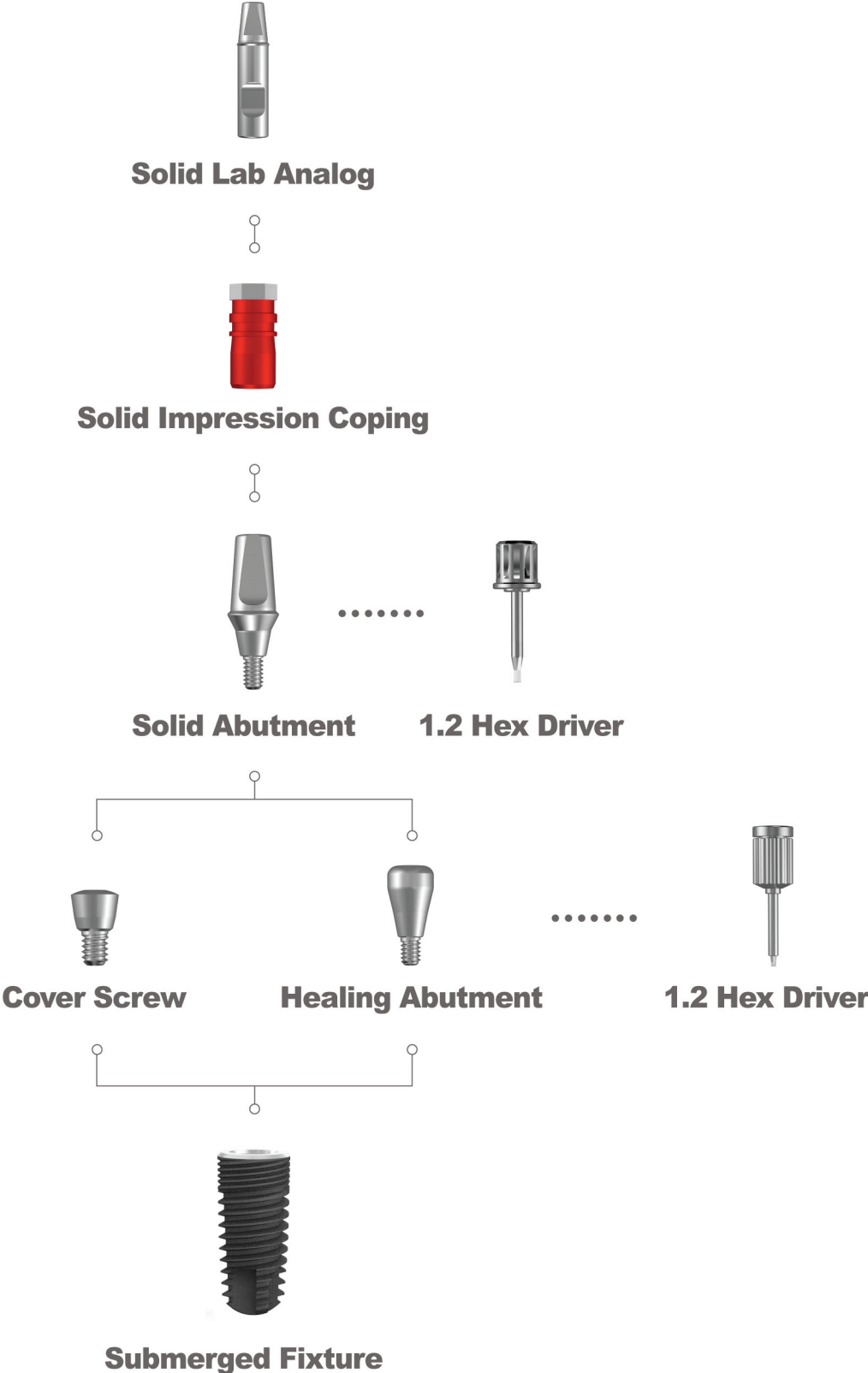
Healing Abutment



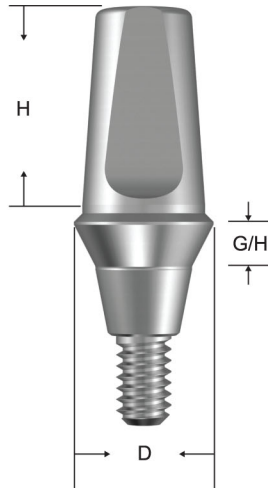
D	G/H	H			
		3	4	5	7
4.5	1	FAH 451030			
	2		FAH 452040	FAH 452050	
	3				FAH 453070
5.0	1	FAH 501030			
	2		FAH 502040	FAH 502050	
	3				FAH 503070
5.5	1	FAH 551030			
	2		FAH 552040	FAH 552050	
	3				FAH 553070
6.0	1	FAH 601030			
	2		FAH 602040	FAH 602050	
	3				FAH 603070
6.5	1	FAH 651030			
	2		FAH 652040	FAH 652050	
	3				FAH 653070
7.0	1	FAH 701030			
	2		FAH 702040	FAH 702050	
	3				FAH 703070

Sub Type Flow Chart

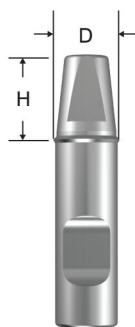
Screw Retained Restoration



Solid Abutment



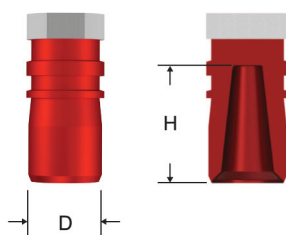
D	H	G/H			
		1	2	3	4
4.0	4	FASA 401040	FASA 402040	FASA 403040	FASA 404040
	5.5	FASA 401055	FASA 402055	FASA 403055	FASA 404055
	7	FASA 401070	FASA 402070	FASA 403070	FASA 404070
4.5	4	FASA 451040	FASA 452040	FASA 453040	FASA 454040
	5.5	FASA 451055	FASA 452055	FASA 453055	FASA 454055
	7	FASA 451070	FASA 452070	FASA 453070	FASA 454070
5.0	4	FASA 501040	FASA 502040	FASA 503040	FASA 504040
	5.5	FASA 501055	FASA 502055	FASA 503055	FASA 504055
	7	FASA 501070	FASA 502070	FASA 503070	FASA 504070
5.5	4	FASA 551040	FASA 552040	FASA 553040	FASA 554040
	5.5	FASA 551055	FASA 552055	FASA 553055	FASA 554055
	7	FASA 551070	FASA 552070	FASA 553070	FASA 554070
6.0	4	FASA 601040	FASA 602040	FASA 603040	FASA 604040
	5.5	FASA 601055	FASA 602055	FASA 603055	FASA 604055
	7	FASA 601070	FASA 602070	FASA 603070	FASA 604070
6.5	4	FASA 651040	FASA 652040	FASA 653040	FASA 654040
	5.5	FASA 651055	FASA 652055	FASA 653055	FASA 654055
	7	FASA 651070	FASA 652070	FASA 653070	FASA 654070



Solid Lab Analog

D \ H	4	5.5	7
4.0	FASLA 4040	FASLA 4055	FASLA 4070
4.5	FASLA 4540	FASLA 4555	FASLA 4570
5.0	FASLA 5040	FASLA 5055	FASLA 5070
5.5	FASLA 5540	FASLA 5555	FASLA 5570
6.0	FASLA 6040	FASLA 6055	FASLA 6070
6.5	FASLA 6540	FASLA 6555	FASLA 6570

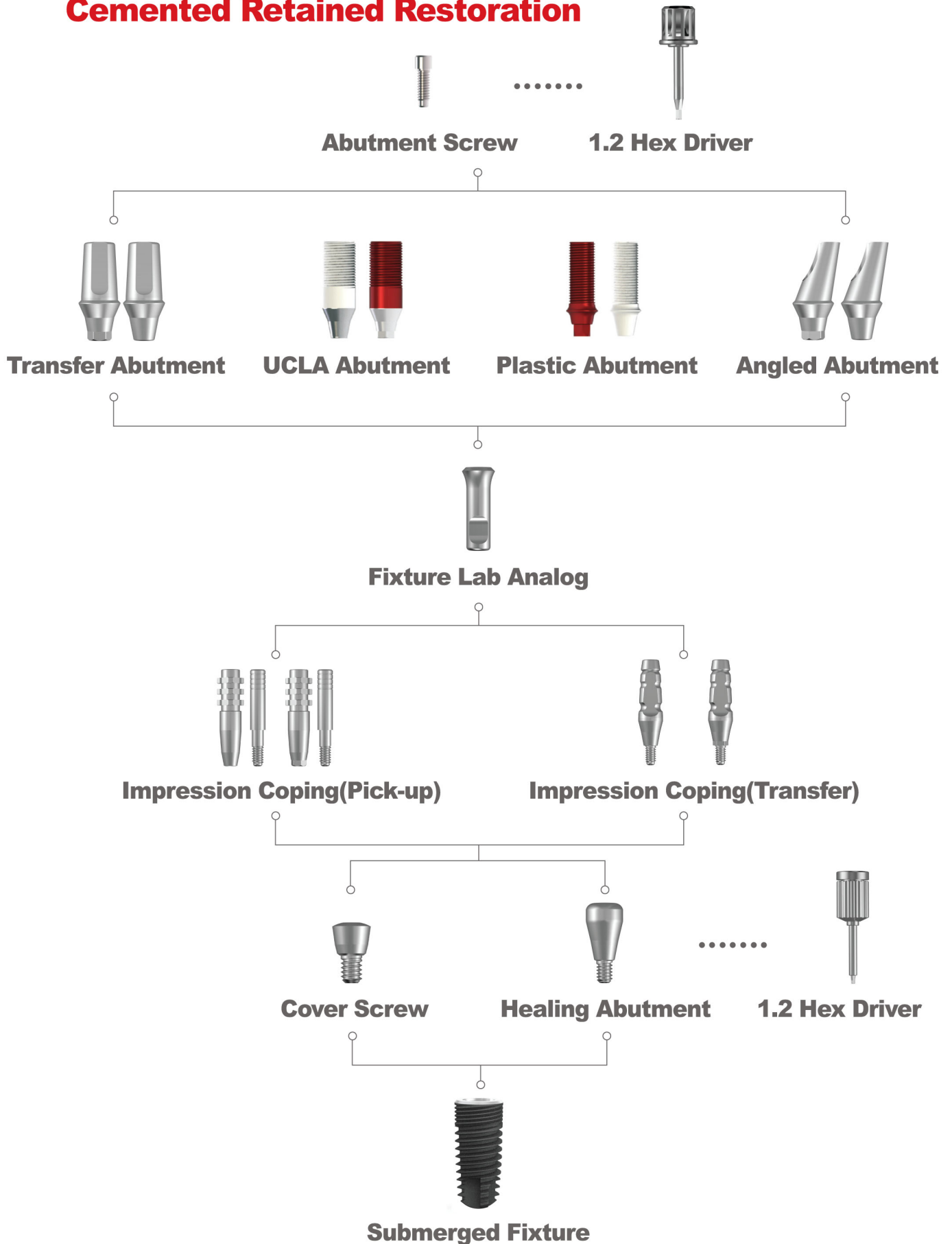
Solid Impression Coping



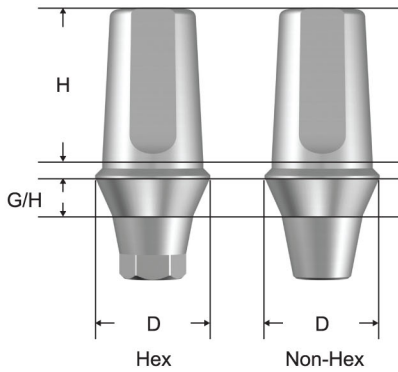
D \ H	4	5.5	7
4.0	FASIC 4040	FASIC 4055	FASIC 4070
4.5	FASIC 4540	FASIC 4555	FASIC 4570
5.0	FASIC 5040	FASIC 5055	FASIC 5070
5.5	FASIC 5540	FASIC 5555	FASIC 5570
6.0	FASIC 6040	FASIC 6055	FASIC 6070
6.5	FASIC 6540	FASIC 6555	FASIC 6570

Sub Type Flow Chart

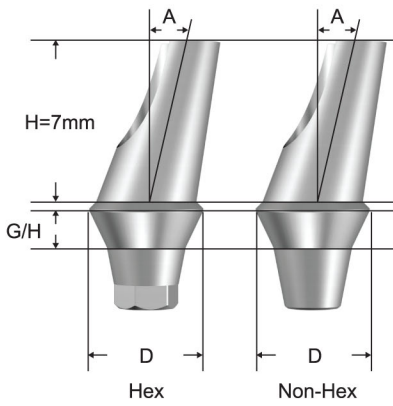
Cemented Retained Restoration



Transfer Abutment

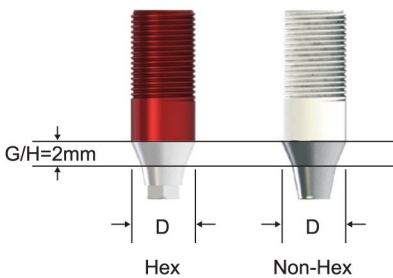


D	H	G/H			
		1	2	3	4
4.0	4	FATA 401040H	FATA 402040H	FATA 403040H	FATA 404040H
	5.5	FATA 401055H	FATA 402055H	FATA 403055H	FATA 404055H
	7	FATA 401070H	FATA 402070H	FATA 403070H	FATA 404070H
4.5	4	FATA 451040H	FATA 452040H	FATA 453040H	FATA 454040H
	5.5	FATA 451055H	FATA 452055H	FATA 453055H	FATA 454055H
	7	FATA 451070H	FATA 452070H	FATA 453070H	FATA 454070H
5.0	4	FATA 501040H	FATA 502040H	FATA 503040H	FATA 504040H
	5.5	FATA 501055H	FATA 502055H	FATA 503055H	FATA 504055H
	7	FATA 501070H	FATA 502070H	FATA 503070H	FATA 504070H
5.5	4	FATA 551040H	FATA 552040H	FATA 553040H	FATA 554040H
	5.5	FATA 551055H	FATA 552055H	FATA 553055H	FATA 554055H
	7	FATA 551070H	FATA 552070H	FATA 553070H	FATA 554070H
6.0	4	FATA 601040H	FATA 602040H	FATA 603040H	FATA 604040H
	5.5	FATA 601055H	FATA 602055H	FATA 603055H	FATA 604055H
	7	FATA 601070H	FATA 602070H	FATA 603070H	FATA 604070H
6.5	4	FATA 651040H	FATA 652040H	FATA 653040H	FATA 654040H
	5.5	FATA 651055H	FATA 652055H	FATA 653055H	FATA 654055H
	7	FATA 651070H	FATA 652070H	FATA 653070H	FATA 654070H
4.0	4	FATA 401040N	FATA 402040N	FATA 403040N	FATA 404040N
	5.5	FATA 401055N	FATA 402055N	FATA 403055N	FATA 404055N
	7	FATA 401070N	FATA 402070N	FATA 403070N	FATA 404070N
4.5	4	FATA 451040N	FATA 452040N	FATA 453040N	FATA 454040N
	5.5	FATA 451055N	FATA 452055N	FATA 453055N	FATA 454055N
	7	FATA 451070N	FATA 452070N	FATA 453070N	FATA 454070N
5.0	4	FATA 501040N	FATA 502040N	FATA 503040N	FATA 504040N
	5.5	FATA 501055N	FATA 502055N	FATA 503055N	FATA 504055N
	7	FATA 501070N	FATA 502070N	FATA 503070N	FATA 504070N
5.5	4	FATA 551040N	FATA 552040N	FATA 553040N	FATA 554040N
	5.5	FATA 551055N	FATA 552055N	FATA 553055N	FATA 554055N
	7	FATA 551070N	FATA 552070N	FATA 553070N	FATA 554070N
6.0	4	FATA 601040N	FATA 602040N	FATA 603040N	FATA 604040N
	5.5	FATA 601055N	FATA 602055N	FATA 603055N	FATA 604055N
	7	FATA 601070N	FATA 602070N	FATA 603070N	FATA 604070N
6.5	4	FATA 651040N	FATA 652040N	FATA 653040N	FATA 654040N
	5.5	FATA 651055N	FATA 652055N	FATA 653055N	FATA 654055N
	7	FATA 651070N	FATA 652070N	FATA 653070N	FATA 654070N



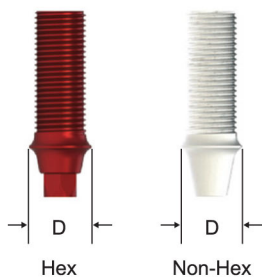
Angled Abutment

D	A	G/H			
		1	2	3	4
4.0	15	FAAA 401015H	FAAA 402015H	FAAA 403015H	FAAA 404015H
	25	FAAA 401025H	FAAA 402025H	FAAA 403025H	FAAA 404025H
4.5	15	FAAA 451015H	FAAA 452015H	FAAA 453015H	FAAA 454015H
	25	FAAA 451025H	FAAA 452025H	FAAA 453025H	FAAA 454025H
5.0	15	FAAA 501015H	FAAA 502015H	FAAA 503015H	FAAA 504015H
	25	FAAA 501025H	FAAA 502025H	FAAA 503025H	FAAA 504025H
5.5	15	FAAA 551015H	FAAA 552015H	FAAA 553015H	FAAA 554015H
	25	FAAA 551025H	FAAA 552025H	FAAA 553025H	FAAA 554025H
6.0	15	FAAA 601015H	FAAA 602015H	FAAA 603015H	FAAA 604015H
	25	FAAA 601025H	FAAA 602025H	FAAA 603025H	FAAA 604025H
6.5	15	FAAA 651015H	FAAA 652015H	FAAA 653015H	FAAA 654015H
	25	FAAA 651025H	FAAA 652025H	FAAA 653025H	FAAA 654025H
4.0	15	FAAA 401015N	FAAA 402015N	FAAA 403015N	FAAA 404015N
	25	FAAA 401025N	FAAA 402025N	FAAA 403025N	FAAA 404025N
4.5	15	FAAA 451015N	FAAA 452015N	FAAA 453015N	FAAA 454015N
	25	FAAA 451025N	FAAA 452025N	FAAA 453025N	FAAA 454025N
5.0	15	FAAA 501015N	FAAA 502015N	FAAA 503015N	FAAA 504015N
	25	FAAA 501025N	FAAA 502025N	FAAA 503025N	FAAA 504025N
5.5	15	FAAA 551015N	FAAA 552015N	FAAA 553015N	FAAA 554015N
	25	FAAA 551025N	FAAA 552025N	FAAA 553025N	FAAA 554025N
6.0	15	FAAA 601015N	FAAA 602015N	FAAA 603015N	FAAA 604015N
	25	FAAA 601025N	FAAA 602025N	FAAA 603025N	FAAA 604025N
6.5	15	FAAA 651015N	FAAA 652015N	FAAA 653015N	FAAA 654015N
	25	FAAA 651025N	FAAA 652025N	FAAA 653025N	FAAA 654025N



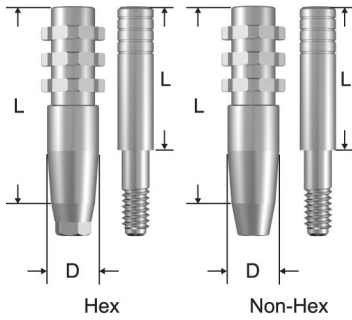
UCLA Abutment

D	-	Hex	Non-Hex
4.5		FAUA 452H	FAUA 452N



Plastic Cylinder

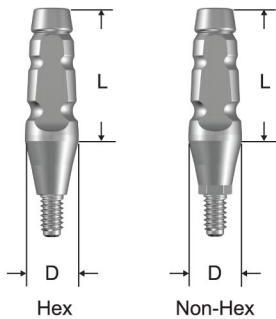
D	-	Hex	Non-Hex
4.5		FAPC 45H	FAPC 45N



Impression Coping(Pick-up)

Guide Pin(L)	10	15	20	
	FPGP 100	FPGP 150	FPGP 200	
L	10		15	
D \ -	Hex	Non-Hex	Hex	Non-Hex
4.5	FAICP 4510H	FAICP 4510N	FAICP 4515H	FAICP 4515N
5.5	FAICP 5510H	FAICP 5510N	FAICP 5515H	FAICP 5515N
6.5	FAICP 6510H	FAICP 6510N	FAICP 6515H	FAICP 6515N

Impression Coping(Transfer)



L	11		15	
	Hex	Non-Hex	Hex	Non-Hex
D \ -	Hex	Non-Hex	Hex	Non-Hex
4.5	FAICT 4511H	FAICT 4511N	FAICT 4515H	FAICT 4515N
5.5	FAICT 5511H	FAICT 5511N	FAICT 5515H	FAICT 5515N
6.5	FAICT 6511H	FAICT 6511N	FAICT 6515H	FAICT 6515N



Fixture Lab Analog

FAFLA 45

FI Internal Fixture

Connection

3.1 Octa indentation and 8 degree Morse Taper.
(Upper part is compatible with ITI)

Esthetic Type

Collar 1.8 Esthetic Type of Machined Surface

Main Thread

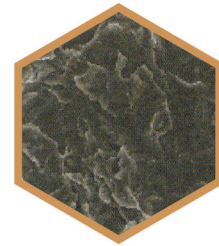
When the fixture is inserted into the implant bed, the conical shape and lower deep thread of the fixture increase stability and make immediate loading possible.

Dual Thread



As 0.8mm pitch of dual thread type, the surgery time is reduced.
(1.6mm per 1 rotation)

RBM Surface



Surface areas are increased through blasting by highly biocompatible Calcium-Phosphate Media.

Cutting Edge

When placing the implants, the cutting edge has Excellent Penetrability even in the Low Torque Value by Self Tapping and minimizes damage of bone tissue.

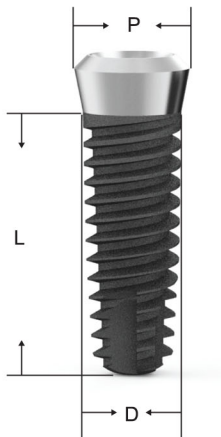
Apex

Apex has the dimension of $D(\text{fixture diameter}) - 0.7[\text{mm}]$ and the body shape has the overall tapered one and Ball Shape allows Safe and Comfortable implant surgery.

Narrow

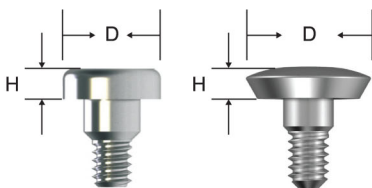
Regular

Wide



Internal Fixture

P	4.8			
L \ D	3.7	4.1	4.4	4.8
7	FIN 37070	FIR 41070	FIR 44070	FIW 48070
8.5	FIN 37085	FIR 41085	FIR 44085	FIW 48085
10	FIN 37100	FIR 41100	FIR 44100	FIW 48100
11.5	FIN 37115	FIR 41115	FIR 44115	FIW 48115
13	FIN 37130	FIR 41130	FIR 44130	FIW 48130
15	FIN 37150	FIR 41150	FIR 44150	FIW 48150

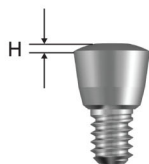


FICS 015

FICS 001

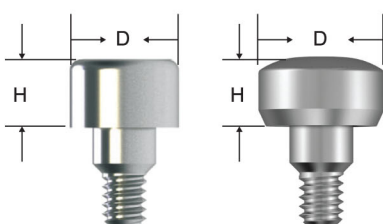
Cover Screw

D \ H	1.5
4.8	FICS 015
6	FICS 001



Closing Screw

H	0.5
	FICS 002



FIH 48

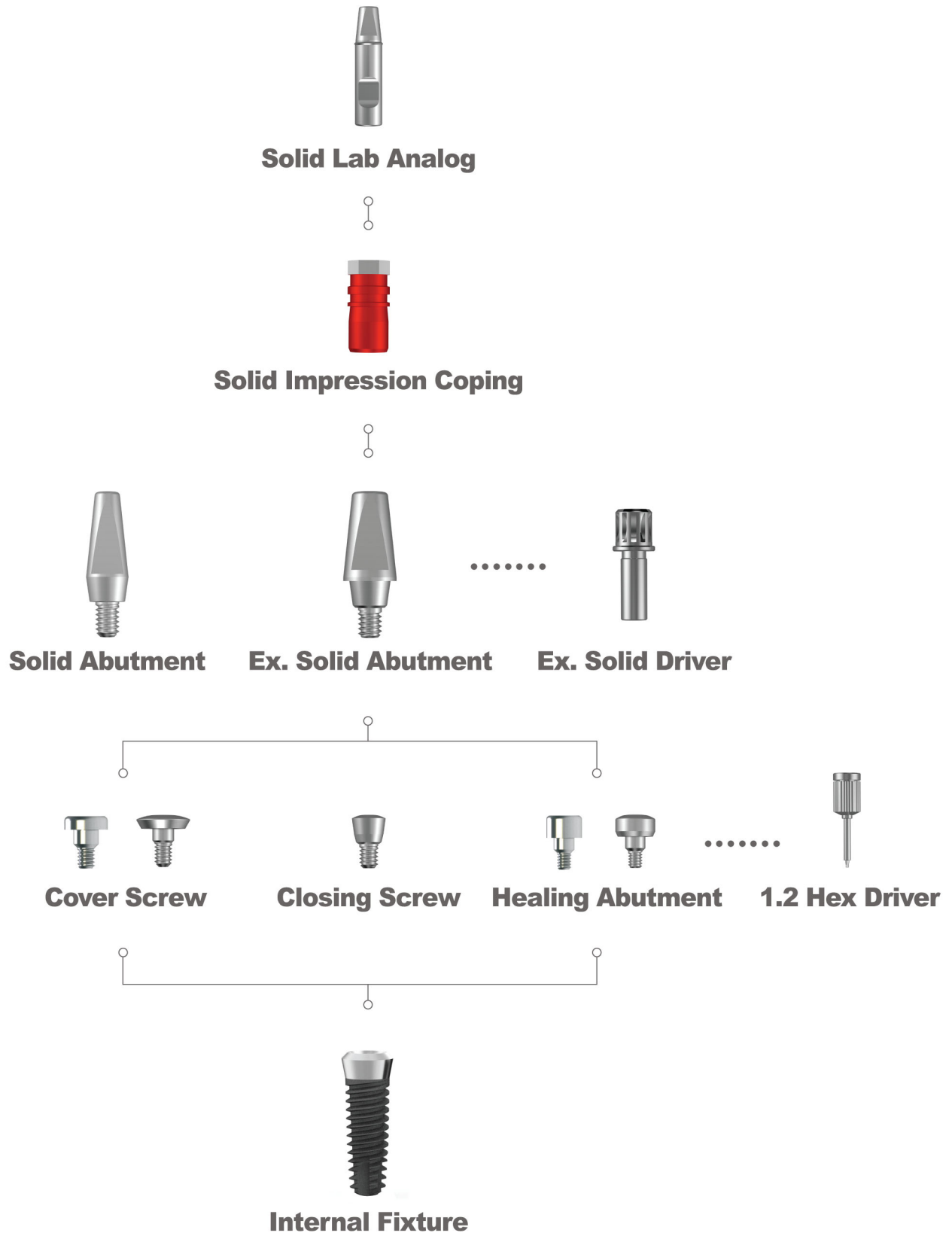
FIH 55

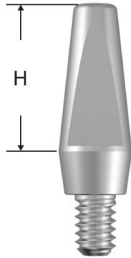
Healing Abutment

D \ H	2	3	4	5	6
4.8	FIH 4802	FIH 4803	FIH 4804	FIH 4805	FIH 4806
5.5	FIH 5502	FIH 5503	FIH 5504	FIH 5505	FIH 5506

Internal Type Flow Chart

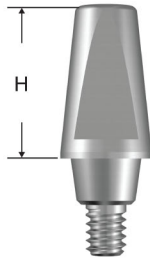
Screw Retained Restoration





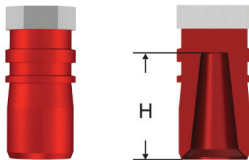
Solid Abutment

H	4	5.5	7
	FISA 440	FISA 455	FISA 470



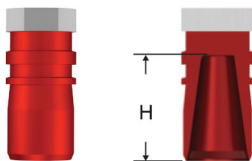
Ex. Solid Abutment

H	4	5.5	7
	FISAE 440	FISAE 455	FISAE 470



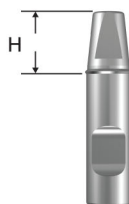
Solid Impression Coping

H	4	5.5	7
	FISIC 440	FISIC 455	FISIC 470



Ex. Solid Impression Coping

H	4	5.5	7
	FISICE 440	FISICE 455	FISICE 470



Solid Lab Analog

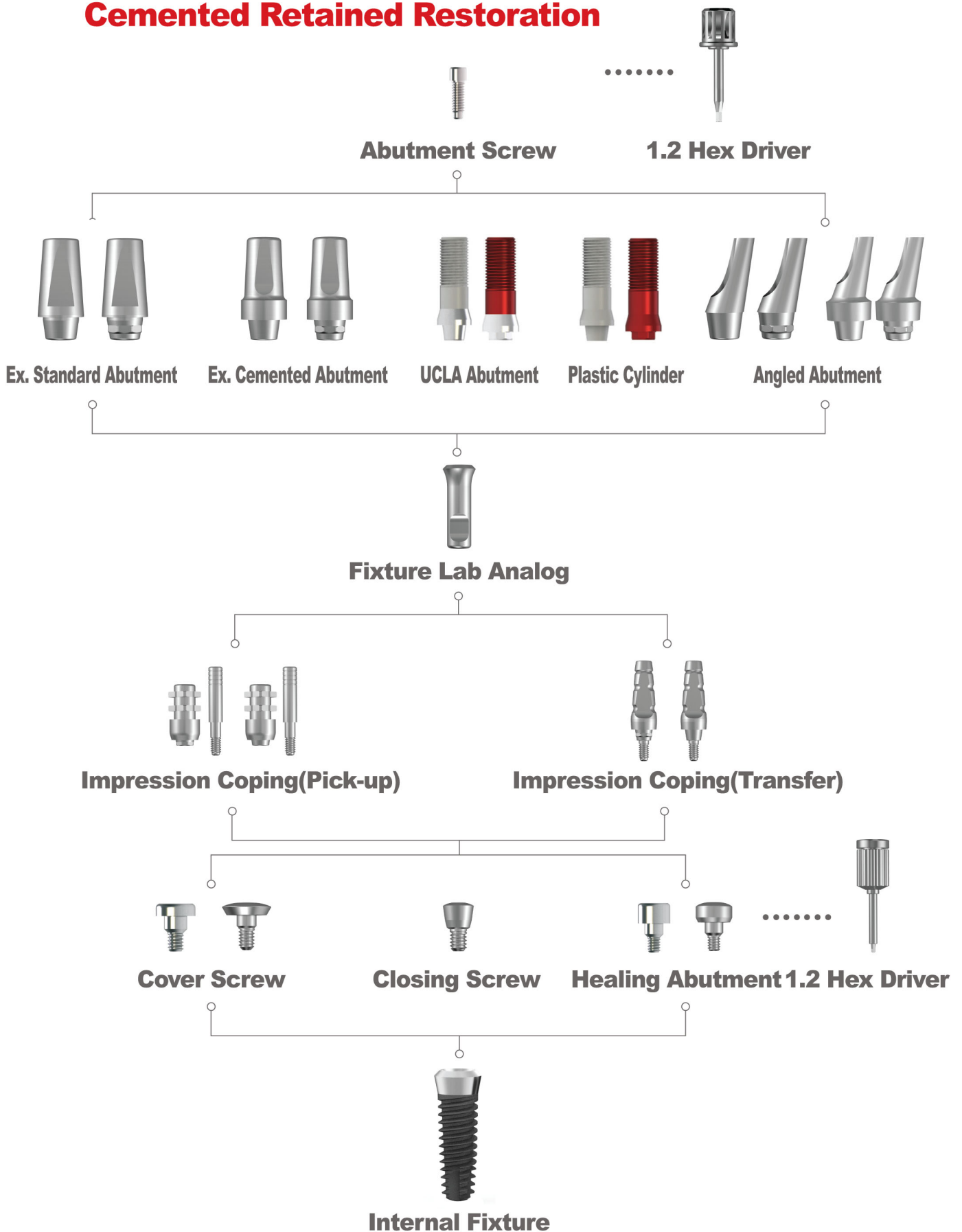
H	4	5.5	7
	FISLA 440	FISLA 455	FISLA 470

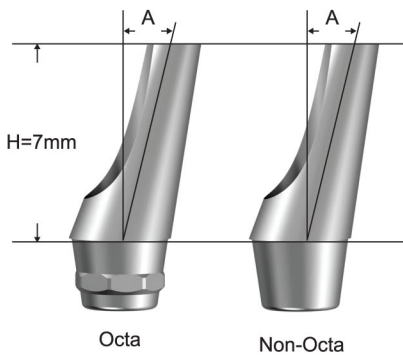
Ex. Solid Lab Analog

H	4	5.5	7
	FISLAE 440	FISLAE 455	FISLAE 470

Internal Type Flow Chart

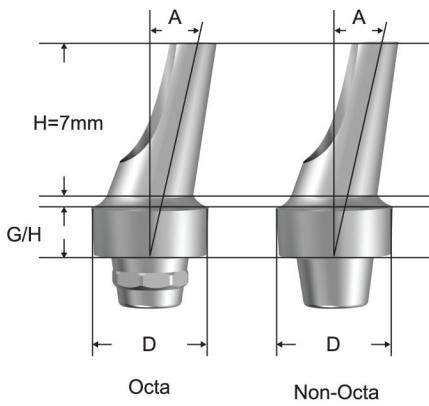
Cemented Retained Restoration





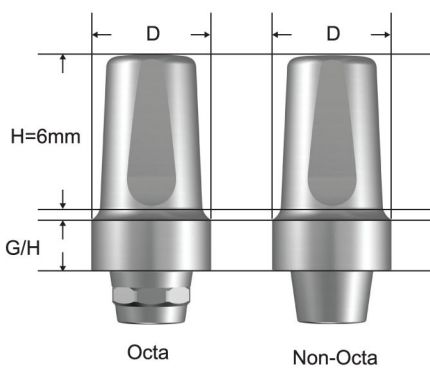
Angled Abutment

	Angle	
	15	25
Octa	FIAA 4715 O	FIAA 4725 O
Non-Octa	FIAA 4715 N	FIAA 4725 N



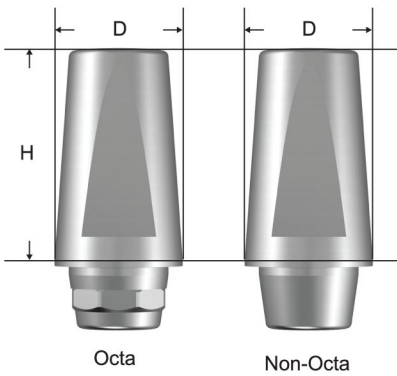
Ex. Angled Abutment

D	A	G/H			
		1	2	3	4
5.0	15	FIAAE 50115 O	FIAAE 50215 O	FIAAE 50315 O	FIAAE 50415 O
	25	FIAAE 50125 O	FIAAE 50225 O	FIAAE 50325 O	FIAAE 50425 O
5.5	15	FIAAE 55115 O	FIAAE 55215 O	FIAAE 55315 O	FIAAE 55415 O
	25	FIAAE 55125 O	FIAAE 55225 O	FIAAE 55325 O	FIAAE 55425 O
5.0	15	FIAAE 50115 N	FIAAE 50215 N	FIAAE 50315 N	FIAAE 50415 N
	25	FIAAE 50125 N	FIAAE 50225 N	FIAAE 50325 N	FIAAE 50425 N
5.5	15	FIAAE 55115 N	FIAAE 55215 N	FIAAE 55315 N	FIAAE 55415 N
	25	FIAAE 55125 N	FIAAE 55225 N	FIAAE 55325 N	FIAAE 55425 N



Ex. Cemented Abutment

D		G/H			
		1	2	3	4
4.8	Octa	FICAE 4816 O	FICAE 4826 O	FICAE 4836 O	FICAE 4846 O
	Non-Octa	FICAE 4816 N	FICAE 4826 N	FICAE 4836 N	FICAE 4846 N



Ex. Standard Abutment

D		Height		
		4	5.5	7
4.3	Octa	FICAE 4340 O	FICAE 4355 O	FICAE 4370 O
	Non-Octa	FICAE 4340 N	FICAE 4355 N	FICAE 4370 N



Octa



Non-Octa

UCLA Abutment

Octa	Non-Octa
FIUA 48 O	FIUA 48 N



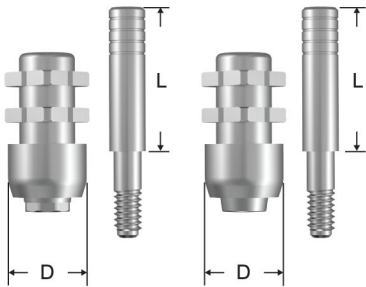
Octa



Non-Octa

Plastic Cylinder

Octa 3.1	Non-Octa
FIPC 48 O	FIPC 48 N



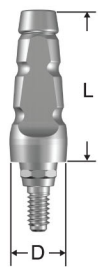
Octa

Non-Octa

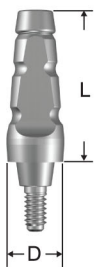
Impression Coping(Pick-up)

Guide Pin(L)	10	15	20
	FPGPS 100	FPGPS 150	FPGPS 200

D	Octa	Non-Octa
5.0	FIICP 4850 O	FIICP 4850 N
5.5	FIICP 4855 O	FIICP 4855 N



Octa



Non-Octa

Impression Coping(Pick-up)

L	Octa	Non-Octa
11	FIICT 4811 O	FIICT 4811 N
15	FIICT 4815 O	FIICT 4815 N



Fixture Lab Analog

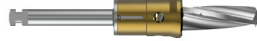
FIFLA 48

Surgical Kit

Narrow / Regular Stoper



Cortical Drill



Hard Bone Drill



Taper Drill



Hand Piece



Ratchet

Hexa Driver

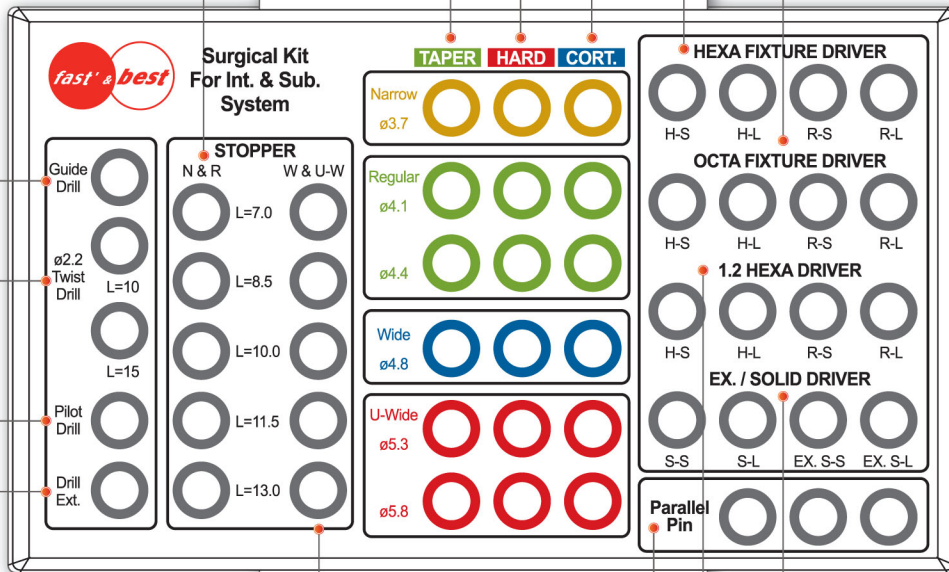


Hand Piece



Ratchet

Octa Driver



Drill Extention



Pilot Drill



Twist Drill



Guide Drill



Wide / Ultra-Wide Stoper



Ex. / Solid Driver



Hand Piece



Ratchet

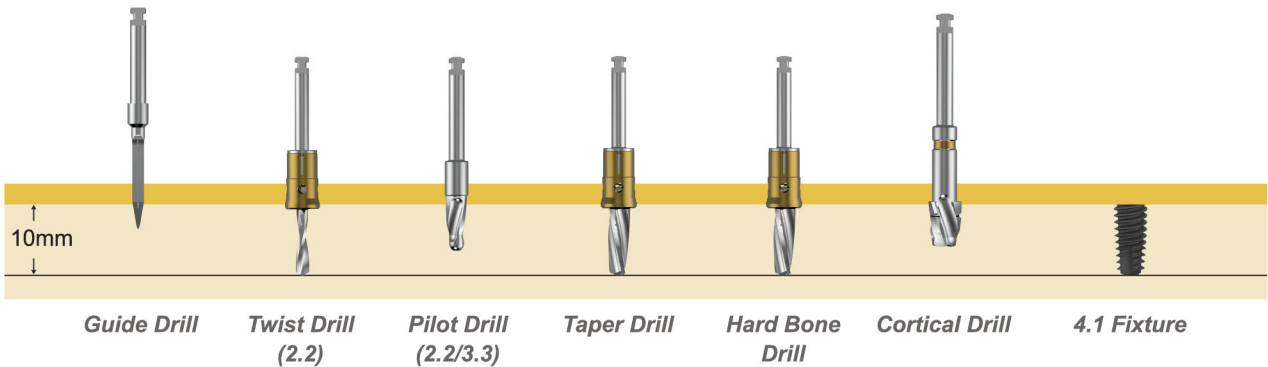
1.2 Hexa Driver



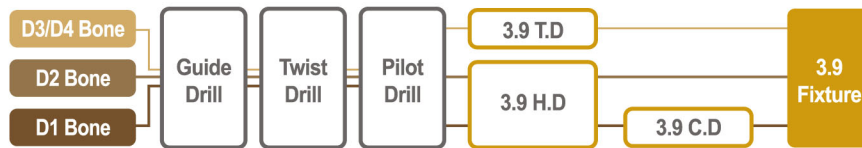
Parallel Pin

Drilling Sequence

● **Narrow**
 ● **Regular**
 ● **Wide**
 ● **Ultra-Wide**



3.9 Fixture

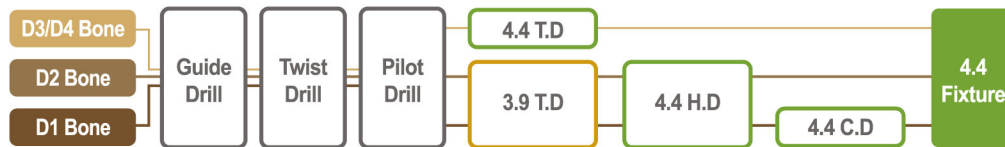


T. D : Taper Drill [D - 0.4]
 H. D : Hard Bone Drill [D - 0.2]
 C. D : Cortical Drill [D - 0.0]

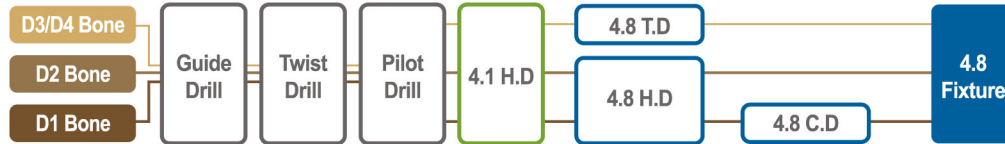
4.1 Fixture



4.4 Fixture



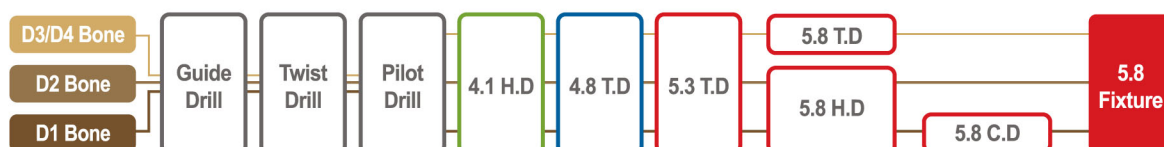
4.8 Fixture



5.3 Fixture



5.8 Fixture





F&B Technology
Dental Implant System

4th floor, #92-3, Saebyeoksijang-ro,
Sasang-gu, Busan, Republic of Korea

Tel. +82-51-717-2931, 5
Fax. +82-51-717-2937
E-mail. fnb@implant-fnb.kr