



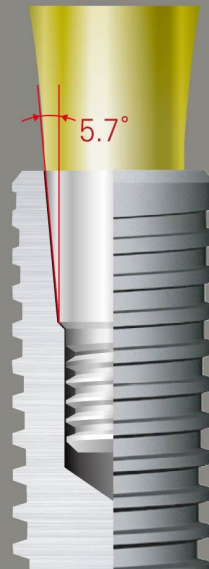
NARROW fix

DIO Implant System

New Narrow implant is ideal for small osteotomy site. The abutment is fixed hard on the DIO narrow fixture from strong frictional force and also it gives very excellent stability.

NARROW fix

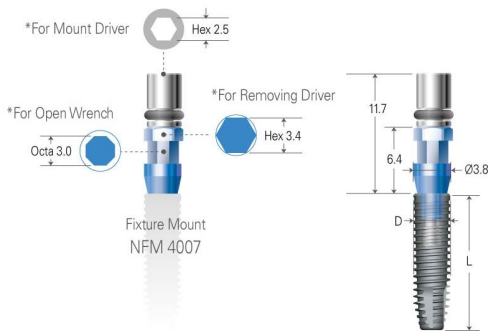
New Narrow implant is ideal for small osteotomy site. The abutment is fixed hard on the DIO narrow fixture from strong frictional force and also it gives very excellent stability.



Solid type

Narrow Fix Connection

- It never gives physical force to the bone as there is no micro movement between implant and abutment.
- It has much less bacteria infection as there is not micro gap.



Fixture Mount
NFM 4007

Fixture(Straight)

Length	Diameter	Ø3.3	Ø3.6
8		PNF 3308(H)	PNF 3608(H)
10		PNF 3310(H)	PNF 3610(H)
12		PNF 3312(H)	PNF 3612(H)
14		PNF 3314(H)	PNF 3614(H)

*(H) : Brushite(CaP) Coated Implant

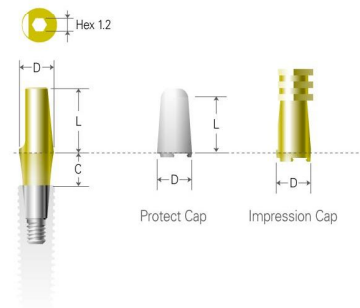


Cover Screw
NSC 2806

Healing Abutment

Healing Abutment

Length	Cuff	Dia.	Ø4.0	Ø5.0
1.45	0.75		NHA 4007	NHA 5007
2.2	1.5		NHA 4015	NHA 5015
3.7	3		NHA 4030	NHA 5030
5.2	4.5		NHA 4045	NHA 5045

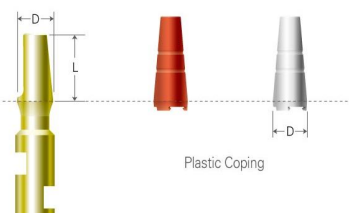


Protect Cap Impression Cap

Solid Abutment

*Recommended Torque Value: 20~25Ncm

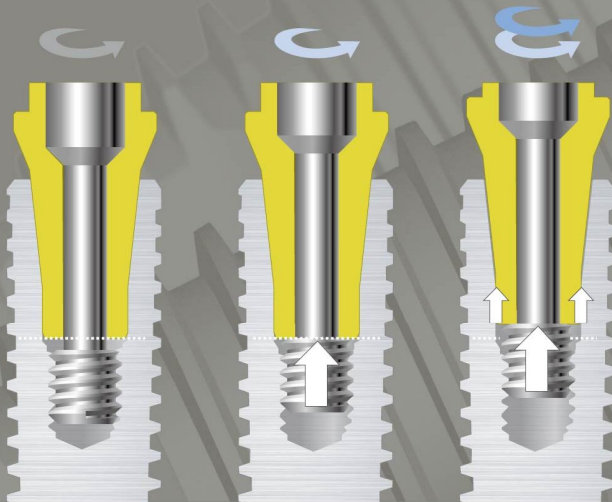
Cuff	Diameter	Ø3.25		Ø4.5	
		Length		Length	
0.75	4	NSA 3204	NSA 3206	4	NSA 4504
		NSA 3214	NSA 3216		NSA 4514
	6	NSA 3234	NSA 3236	6	NSA 4534
		NSA 3244	NSA 3246		NSA 4544
Protect Cap		NSPC 3204	NSPC 3206	NSPC 4504	NSPC 4506
Impression Cap		NIC 3210		NIC 4510	



Plastic Coping

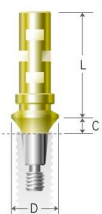
Solid Analog

Length	Diameter	Ø3.25	Ø4.5
4		NSSA 3204	NSSA 4504
6		NSSA 3206	NSSA 4506
Color		Yellow	Red
Plastic Coping		NPC 3210S	NPC 3210B
		Red	White
		NPC 4510S	NPC 4510B
		Red	White



Cemented type Narrow Fix Connection

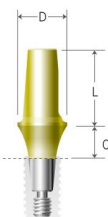
- Easy to insert or separate from the Narrow Fixture with a single body abutment and screw construction.
- For fabrication of Internal tapered design that lock-in the abutment by frictional force makes flexible to choose the position while using an Angled Abutment.



Temporary Abutment

Length	Cuff	Dia.	Ø4.5
10	1.5		NTA 4510

*Recommended Torque Value: 15Ncm
(The screw might be fractured over 20Ncm.)



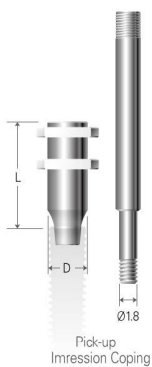
Cemented Abutment

Length	Cuff	Dia.	Ø4.5
7	1.5		NCA 4517
	3		NCA 4537

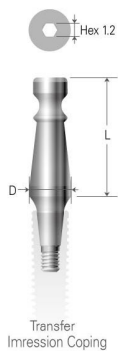


Angled Abutment

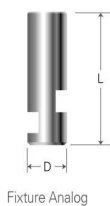
Angle	Cuff	Dia.	Ø4.5
15°	0.75		NAA 45015
	1.5		NAA 45115
	3		NAA 45315



Pick-up
Impression Coping



Transfer
Impression Coping



Fixture Analog

Pick-up Impression Coping

Length	Diameter	Ø3.8	Ø4.8
10		NPI 3810	NPI 4810

Transfer Impression Coping

Length	Diameter	Ø3.9	Ø4.9
12.5		NTI 3912	NTI 4912

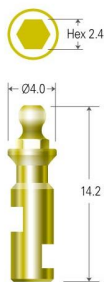
Fixture Analog

Length	Diameter	Ø3.5
12		NFA 3512

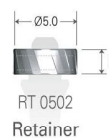


Ball Abutment

Cuff	Diameter	Ø4.0
1.5		NBA 4015
3		NBA 4030
4.5		NBA 4045



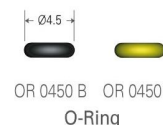
NBAA 4014
Ball Analog



RT 0502
Retainer

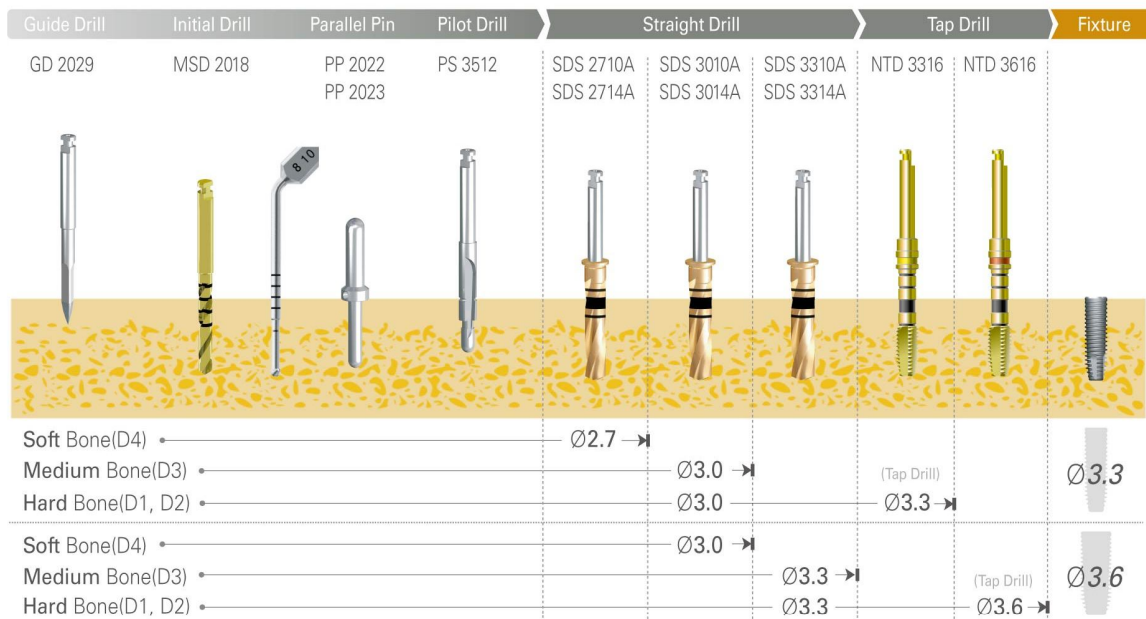
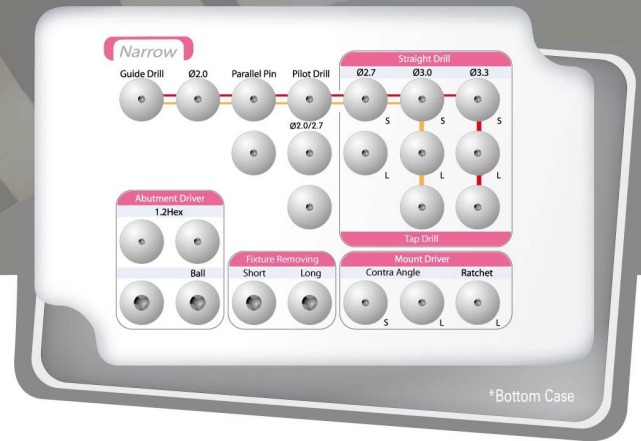


BC 5004
Ball Cap



OR 0450 B OR 0450 O
O-Ring

Surgical KIT & Protocol



*When the implant has been placed without tap drilling and the torque is over 40Ncm, the implant needs to be removed and should be placed again after tap drilling.



*Bottom Case



Flow Chart

Narrow Fix Abutment System

Narrow Fix Abutment System **Flow Chart**

* Please choose the healing abutment according to the abutment you will use.

Ø3.25 Narrow Fix Abutment

<p>NHA 40xx Healing Abutment</p>				
<p>NSA 32xx Solid Abutment</p>				

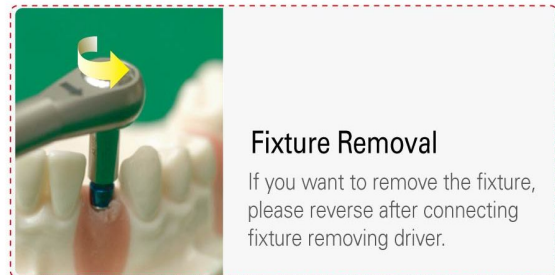
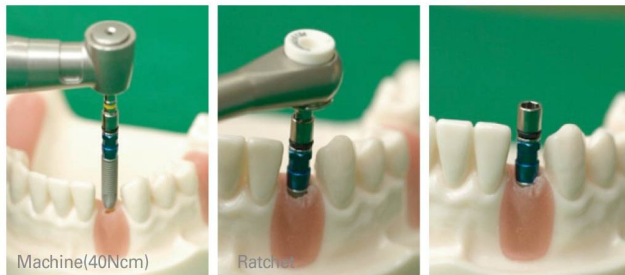
Ø4.5 Narrow Fix Abutment

<p>NHA 50xx Healing Abutment</p>				
<p>NSA 45xx Solid Abutment</p>				
<p>NCA 45xx Cemented Abutment</p>				
<p>NAA 45xx Angled Abutment</p>				
<p>NBA 40xx Ball Abutment</p>				

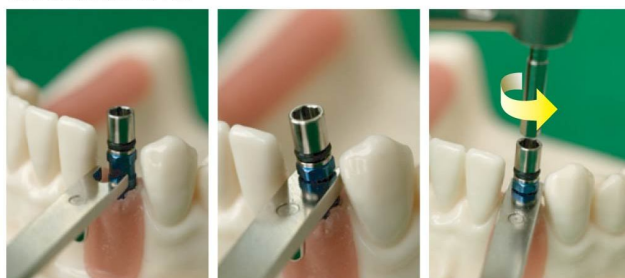
Fixture Placement & Mount Removal Procedure

- Do not use short mount driver(20mm) when long fixture removing driver(10mm) is attached. Please use long mount driver(25mm) with long fixture removing driver.
- When short mount driver(20mm) is used, please use short fixture removing driver(5mm).

Fixture Placement

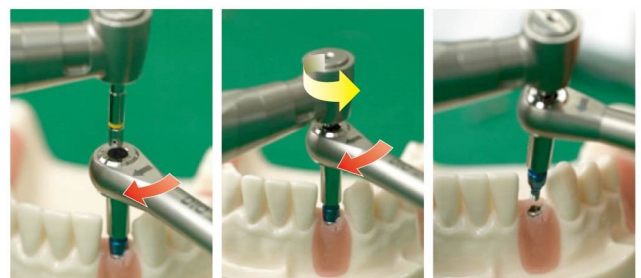


Mount Removal



A. To use Open Wrench

After holding mount with Open Wrench, you can separate mount from fixture using by mount driver to reverse direction.



B. To use Fixture Removing Driver

After holding fixture removing driver by ratchet wrench, you can separate mount from fixture using the engine in reverse mode.



The purpose of Fixture Removing Driver

- 1) You can use the fixture removing driver when you want to extract the fixture.
- 2) When you can not hold the mount by open wrench and implant placement torque would be over 30Ncm, you can use the fixture removing driver.