



NB

Implant System



Natural Balance

CONTENTS

NB System

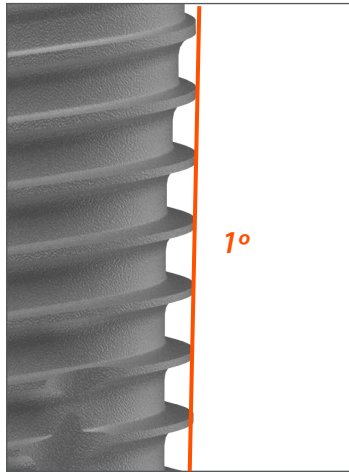
Feature of Implant	4-7
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Abutment	14-15

Kit

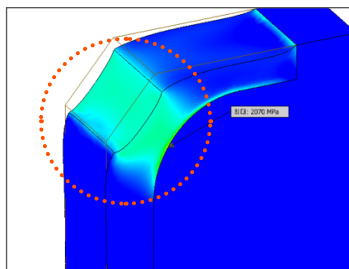
NB Master Kit / Regular Kit	16-25
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NB I

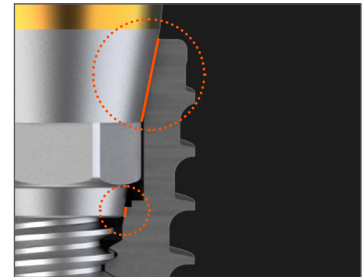
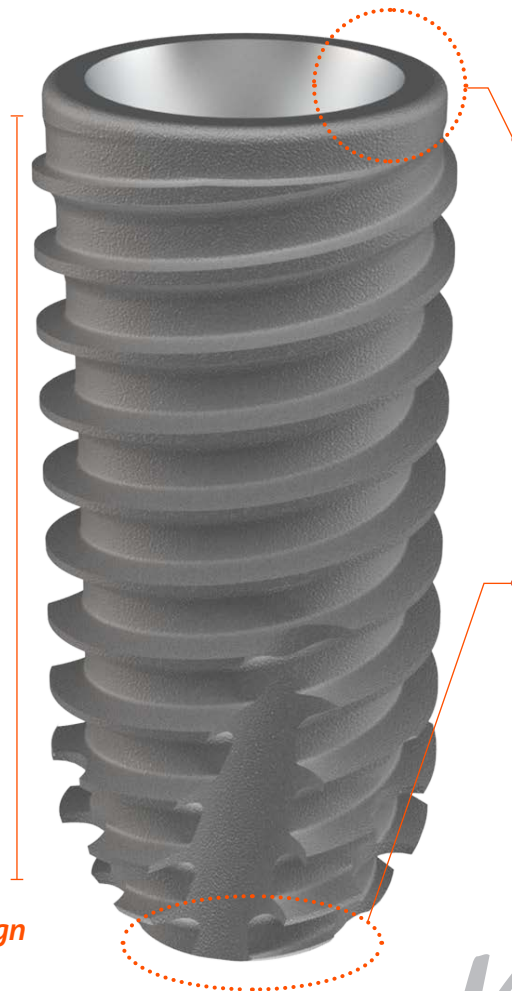
Easy fixation on hard bone



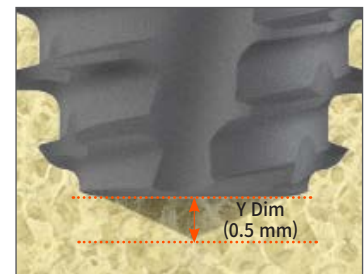
1° taper body & sufficient volume



Lateral pressure distribution design
- Prevent thread fracture



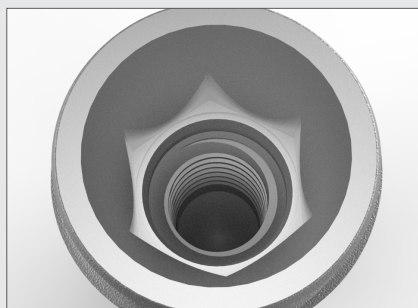
Double contact system
- Distribute the load to the fixture



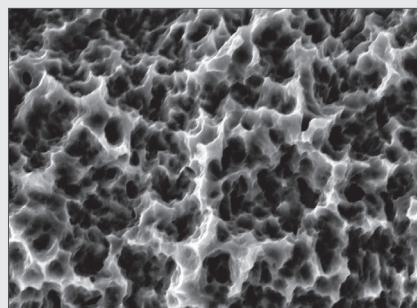
Minimized tip extension of the drill

Natural!

NB Implant Features



Internal hex 11° taper connection



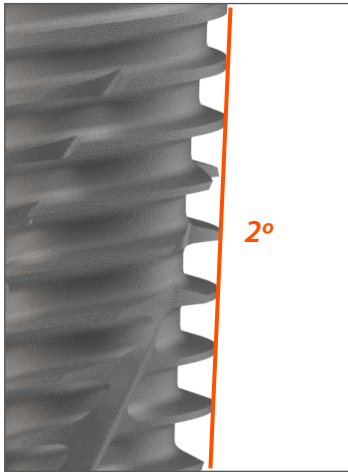
Advanced S.L.A. surface
The clearer micro-pit,
the better osseointegration



Special design to prevent surface damage
Breakable fixture type

NB II

Strong fixation on soft bone



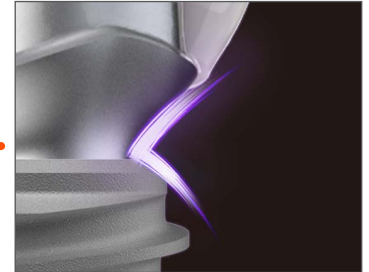
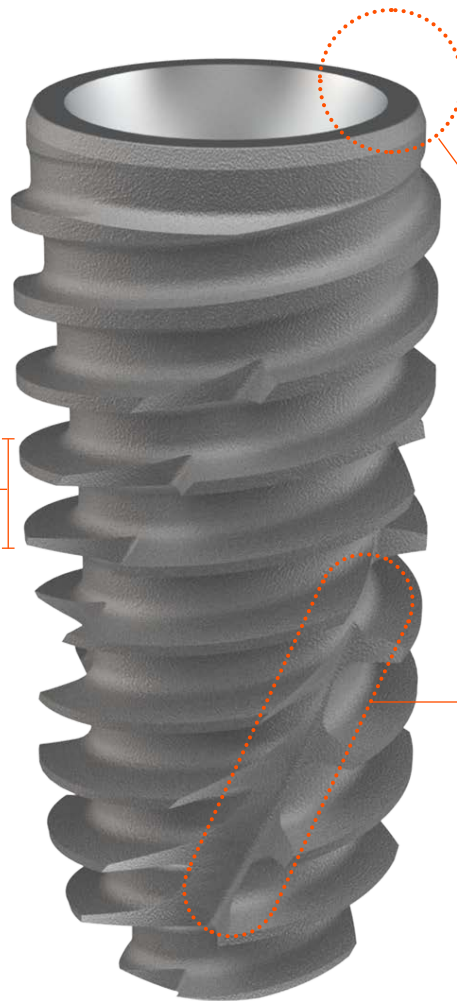
2° taper body

- Advantageous for immediate & early loading on soft bone



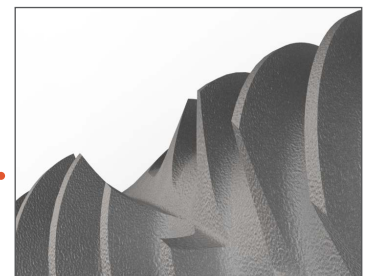
Pin thread

- Smooth insertion and strong initial stability



Platform switching

- Long-term stability improvement



Cutting edge

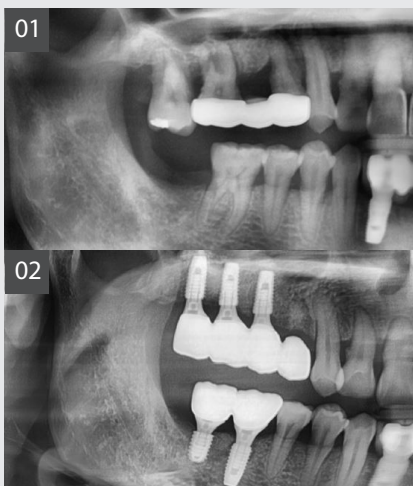
- Increasing self-tapping ability

Balance!

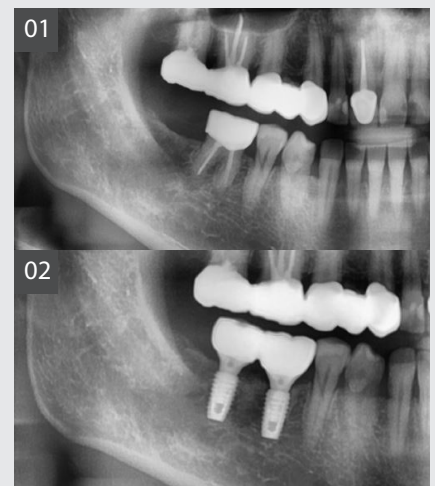
NB Clinical Cases



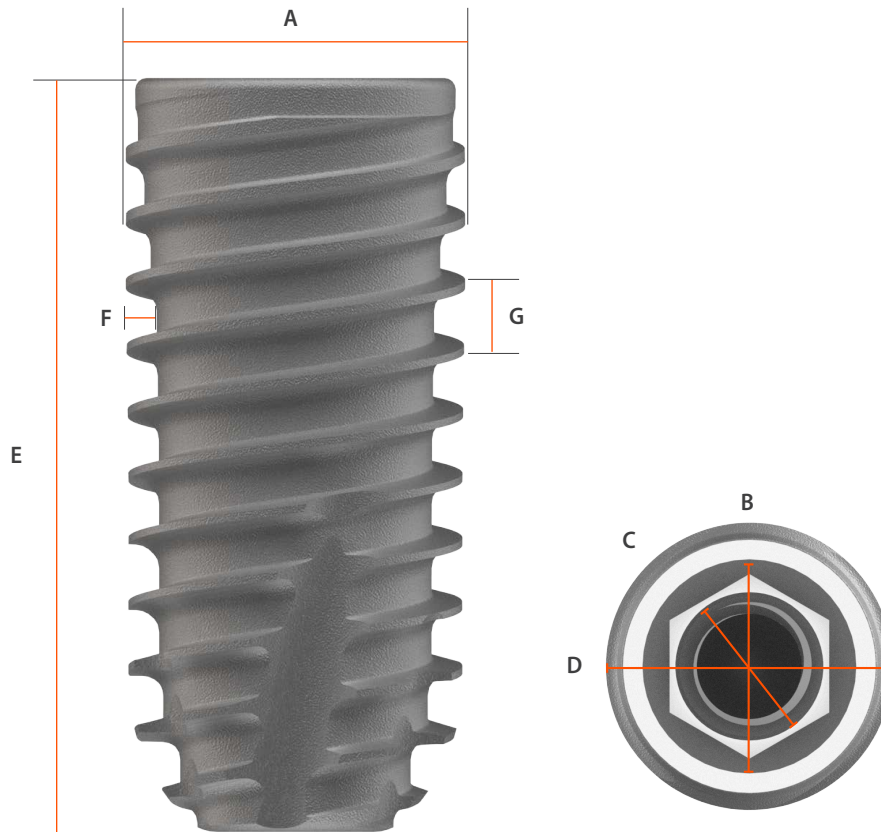
Case 1. Immediate placement



Case 2. Sinus surgery



Case 3. GBR



Connection			Regular						
NB I									
									
A	Diameter (Ø)		 3.6	 4.0	 4.5	 5.0	 5.5	 6.0	 6.5
B	Abutment Interface (Ø)		3.35						
C	Hex		2.5						
D	Platform		3.6	4.0	4.15	4.25	4.5	5.0	5.0
E	Total Length		8.5 / 10.0 / 11.5 / 13.0	7.0 / 8.5 / 10.0 / 11.5 / 13.0					
F	Thread Depth	NB I	0.4				-		
		NB II	-	0.55	0.6				
G	Thread Pitch	NB I	0.85				-		
		NB II	-	0.9					



Prepare the NB fixture.



Press the OPEN section on the top to open it.



Take out the blister pack.



Open the sealed blister pack and take out the ampoule.



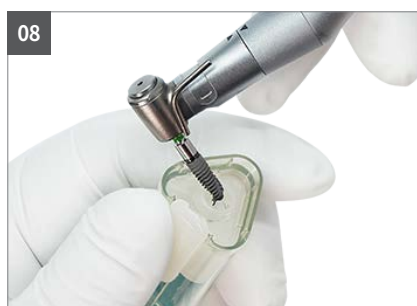
Remove the lid from the ampoule.



Push the slider up.



Align the fixture driver with the fixture inner hex and secure it.



Use the driver to break off the lower connection of the fixture.



Preparation for implantation is complete.

NB I Fixture

※ Cover screw included.

■ D Ø 3.6

Hex 2.5

R



8.5

NB13608SS



10.0

NB13610SS



11.5

NB13611SS



13.0

NB13613SS

■ D Ø 4.0

Hex 2.5

R



7.0

NB14007SS



8.5

NB14008SS



10.0

NB14010SS



11.5

NB14011SS



13.0

NB14013SS

■ D Ø 4.5

Hex 2.5

R



7.0

NB14507SS



8.5

NB14508SS



10.0

NB14510SS



11.5

NB14511SS



13.0

NB14513SS

■ D Ø 5.0

Hex 2.5

R



7.0

NB15007SS



8.5

NB15008SS



10.0

NB15010SS



11.5

NB15011SS



13.0

NB15013SS

NB II Fixture

※ Cover screw included.

D Ø 4.0

Hex 2.5

R



7.0

NB24007SS



8.5

NB24008SS



10.0

NB24010SS



11.5

NB24011SS



13.0

NB24013SS

D Ø 4.5

Hex 2.5

R



7.0

NB24507SS



8.5

NB24508SS



10.0

NB24510SS



11.5

NB24511SS



13.0

NB24513SS

D Ø 5.0

Hex 2.5

R



7.0

NB25007SS



8.5

NB25008SS



10.0

NB25010SS



11.5

NB25011SS



13.0

NB25013SS

D Ø 5.5

Hex 2.5

R



7.0

NB25507SS



8.5

NB25508SS



10.0

NB25510SS



11.5

NB25511SS



13.0

NB25513SS

D Ø 6.0

Hex 2.5

R



7.0

NB26007SS



8.5

NB26008SS



10.0

NB26010SS



11.5

NB26011SS



13.0

NB26013SS

D Ø 6.5

Hex 2.5

R



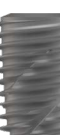
7.0

NB26507SS



8.5

NB26508SS



10.0

NB26510SS



11.5

NB26511SS



13.0

NB26513SS

Prosthetic Process

Abutment



Cement



Pre-milled

Lab Analog



Lab analog

Impression



Transfer



Pick-up



Scanbody

Cover & Healing



Cover



Healing



Scan healing

Fixture



NB I

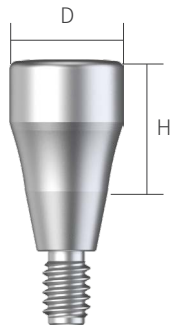


NB II

Healing

■ Healing Abutment

- Use a 1.27 Hex driver.
- Recommended tightening torque 8 - 10Ncm.



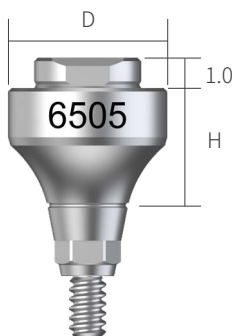
[HA4505R]



D	H	3.0	5.0	7.0	9.0
R Ø4.5		HA4503R	HA4505R	HA4507R	HA4509R
Ø5.5		HA5503R	HA5505R	HA5507R	HA5509R
Ø6.5		HA6503R	HA6505R	HA6507R	HA6509R

■ Scan Healing Abutment

- Scan body + Healing abutment.
- Use a 1.27 Hex driver.
- Recommended tightening torque 8-10Ncm.



[HAS6505R]

D	H	3.0	5.0	7.0	9.0
R Ø4.5		HAS4503R	HAS4505R	HAS4507R	HAS4509R
Ø5.5		HAS5503R	HAS5505R	HAS5507R	HAS5509R
Ø6.5		HAS6503R	HAS6505R	HAS6507R	HAS6509R

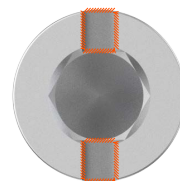
■ Height Classification Method



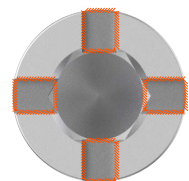
3mm



5mm



7mm

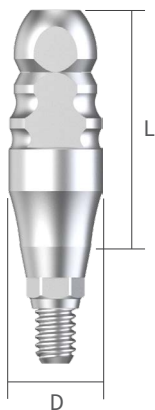


9mm

Impression

Transfer Impression Coping

- Use a 1.27 Hex driver.
- Recommended tightening torque 8-10Ncm.

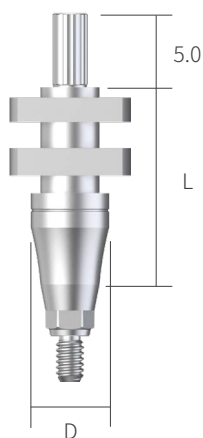


[ICTH5511R17]

D	L			
		9.5	11.5	15.5
R Ø4.5	Hex	ICTH4509R15	ICTH4511R17	ICTH4515R21
	Non-Hex	ICTN4509R15	ICTN4511R17	ICTN4515R21
Ø5.5	Hex	ICTH5509R15	ICTH5511R17	ICTH5515R21
	Non-Hex	ICTN5509R15	ICTN5511R17	ICTN5515R21
Ø6.5	Hex	ICTH6509R15	ICTH6511R17	ICTH6515R21
	Non-Hex	ICTN6509R15	ICTN6511R17	ICTN6515R21

Pick-up Impression Coping

- Use a 1.27 Hex driver.
- Recommended tightening torque 8-10Ncm.



[ICPH4511R22]

D	L			
		9.5	11.5	15.5
R Ø4.5	Hex	ICPH4509R20	ICPH4511R22	ICPH4515R26
	Non-Hex	ICPN4509R20	ICPN4511R22	ICPN4515R26
Ø5.5	Hex	ICPH5509R20	ICPH5511R22	ICPH5515R26
	Non-Hex	ICPN5509R20	ICPN5511R22	ICPN5515R26
Ø6.5	Hex	ICPH6509R20	ICPH6511R22	ICPH6515R26
	Non-Hex	ICPN6509R20	ICPN6511R22	ICPN6515R26

■ CF Scanbody

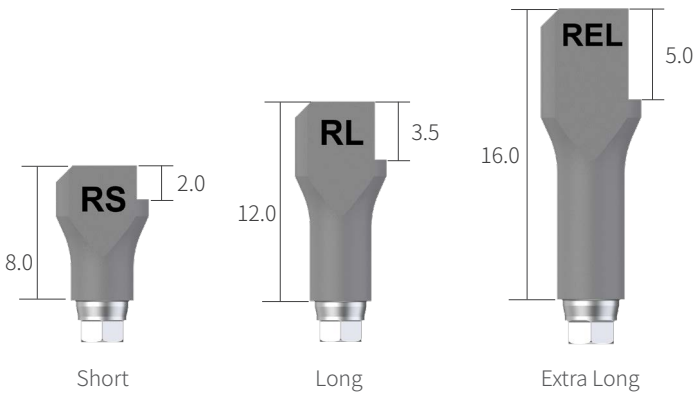
- Surface treatment to minimize light reflection, powder free.
- Flat top contact : Increased impression accuracy.
- Use a 1.27 Hex driver.
- Recommended tightening torque 8-10Ncm.



[AS_NB_R_SBL]

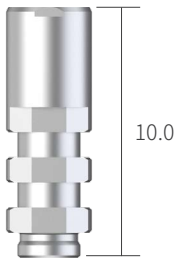
	L	8.0	12.0	16.0
R		AS_NB_R_SBS	AS_NB_R_SBL	AS_NB_R_SBEL

■ Classification method



■ Lab Analog

- Conventional & Digital analog.
- Production of 3D printing models using libraries.



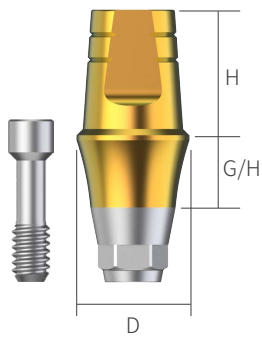
[ANH4510R]

	Code
R Ø4.5	ANH4510R

Abutment

■ Cement Abutment

- Basic 2-piece abutment.
- TIN Coating.
- Use a 1.27 Hex driver.
- Recommended tightening torque : 35Ncm.



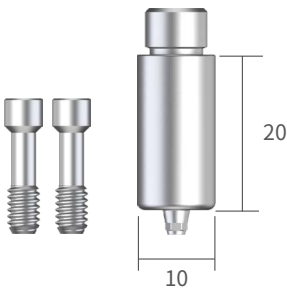
[SACH4535R]

D		G/H H	1.0	2.0	3.0	4.0	5.0	6.0
			5.0					
R	Ø4.5	Hex	SACH4515R	SACH4525R	SACH4535R	SACH4545R	SACH4555R	SACH4565R
		Non-Hex	SACN4515R	SACN4525R	SACN4535R	SACN4545R	SACN4555R	SACN4565R
	Ø5.5	Hex	SACH5515R	SACH5525R	SACH5535R	SACH5545R	SACH5555R	SACH5565R
		Non-Hex	SACN5515R	SACN5525R	SACN5535R	SACN5545R	SACN5555R	SACN5565R
	Ø6.5	Hex	SACH6515R	SACH6525R	SACH6535R	SACH6545R	SACH6555R	SACH6565R
		Non-Hex	SACN6515R	SACN6525R	SACN6535R	SACN6545R	SACN6555R	SACN6565R

D		G/H H	1.0	2.0	3.0	4.0	5.0	6.0
			7.0					
R	Ø4.5	Hex	SACH4517R	SACH4527R	SACH4537R	SACH4547R	SACH4557R	SACH4567R
		Non-Hex	SACN4517R	SACN4527R	SACN4537R	SACN4547R	SACN4557R	SACN4567R
	Ø5.5	Hex	SACH5517R	SACH5527R	SACH5537R	SACH5547R	SACH5557R	SACH5567R
		Non-Hex	SACN5517R	SACN5527R	SACN5537R	SACN5547R	SACN5557R	SACN5567R
	Ø6.5	Hex	SACH6517R	SACH6527R	SACH6537R	SACH6547R	SACH6557R	SACH6567R
		Non-Hex	SACN6517R	SACN6527R	SACN6537R	SACN6547R	SACN6557R	SACN6567R

■ Pre-milled Abutment

- D type (Compatible with ARUM milling machines).
- Use a 1.27 Hex driver.
- Recommended tightening torque : 35Ncm.

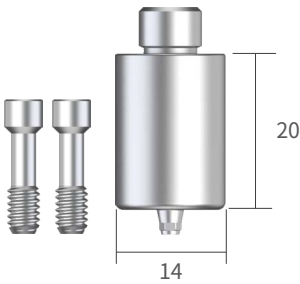


[CIHE005]

R

Screw
: CSHE003

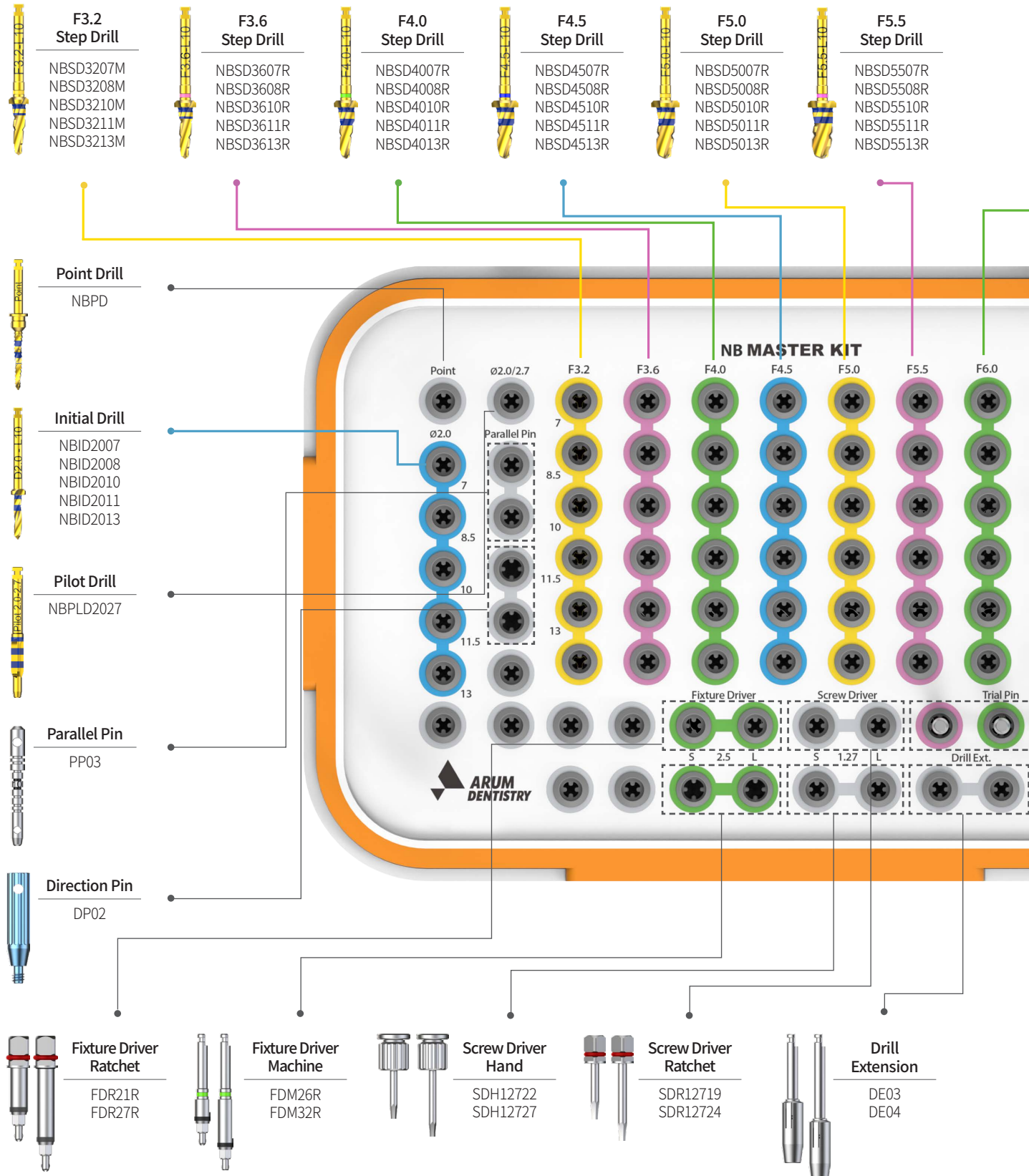
D	10.0	14.0
Hex	CIHE005	CIHE006
Non-Hex	CINH007	CINH008

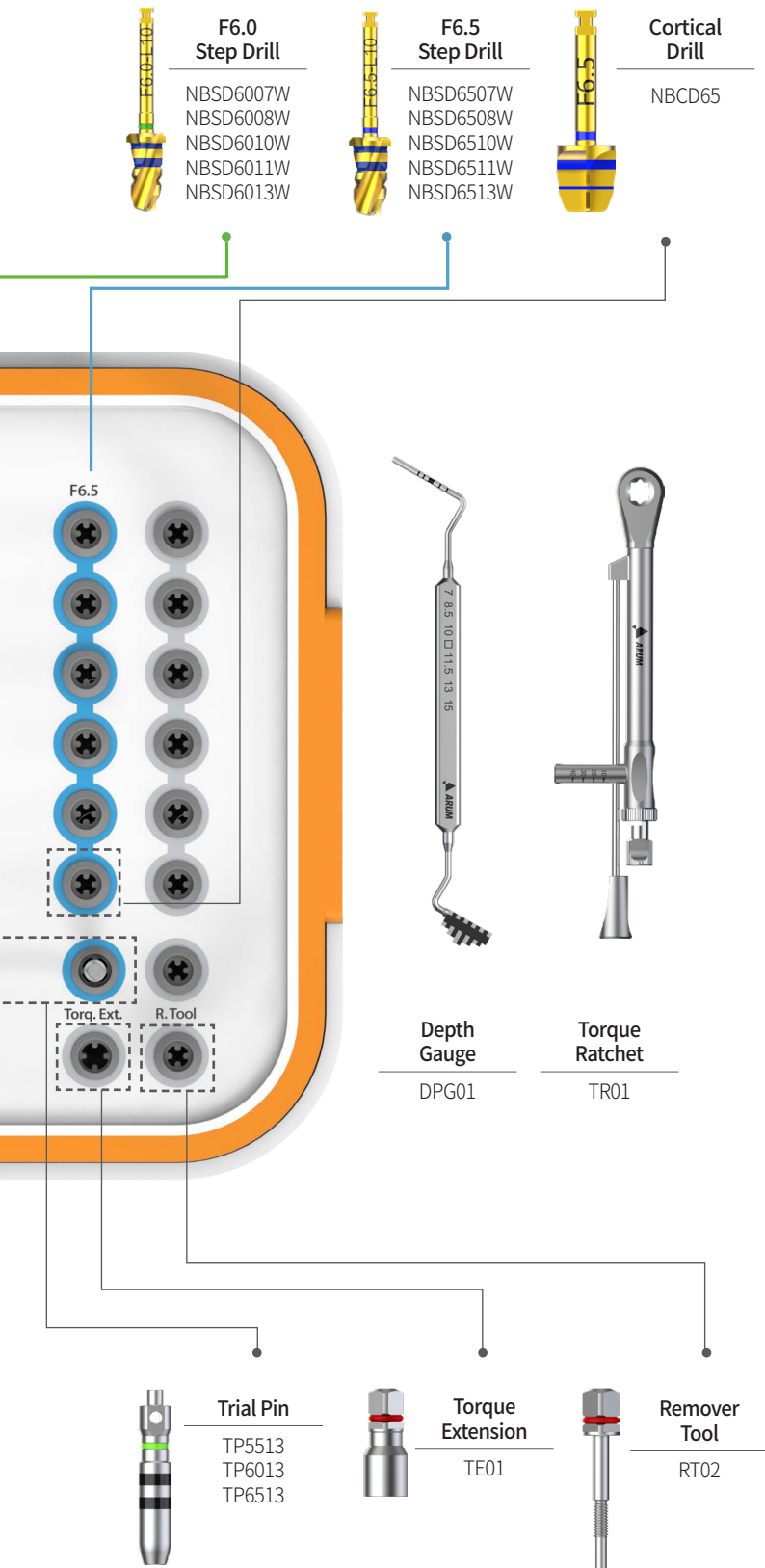


[CIHE006]

NB Master Kit

※ Set Code : MAKC-SET



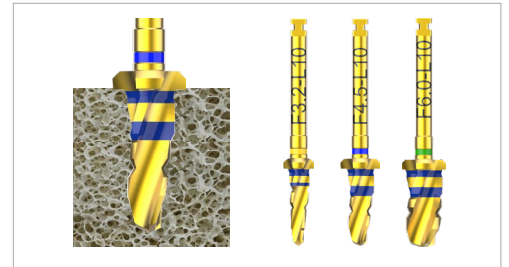


01



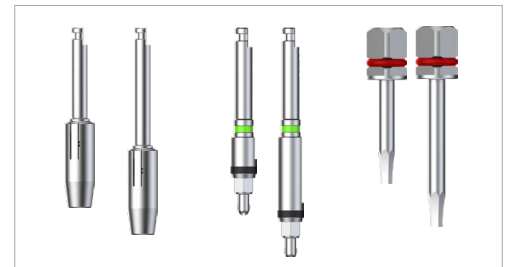
User-friendly surgical kit & instrument

02



Stopper system by drill length

03



Basic configuration of instruments of various lengths

04



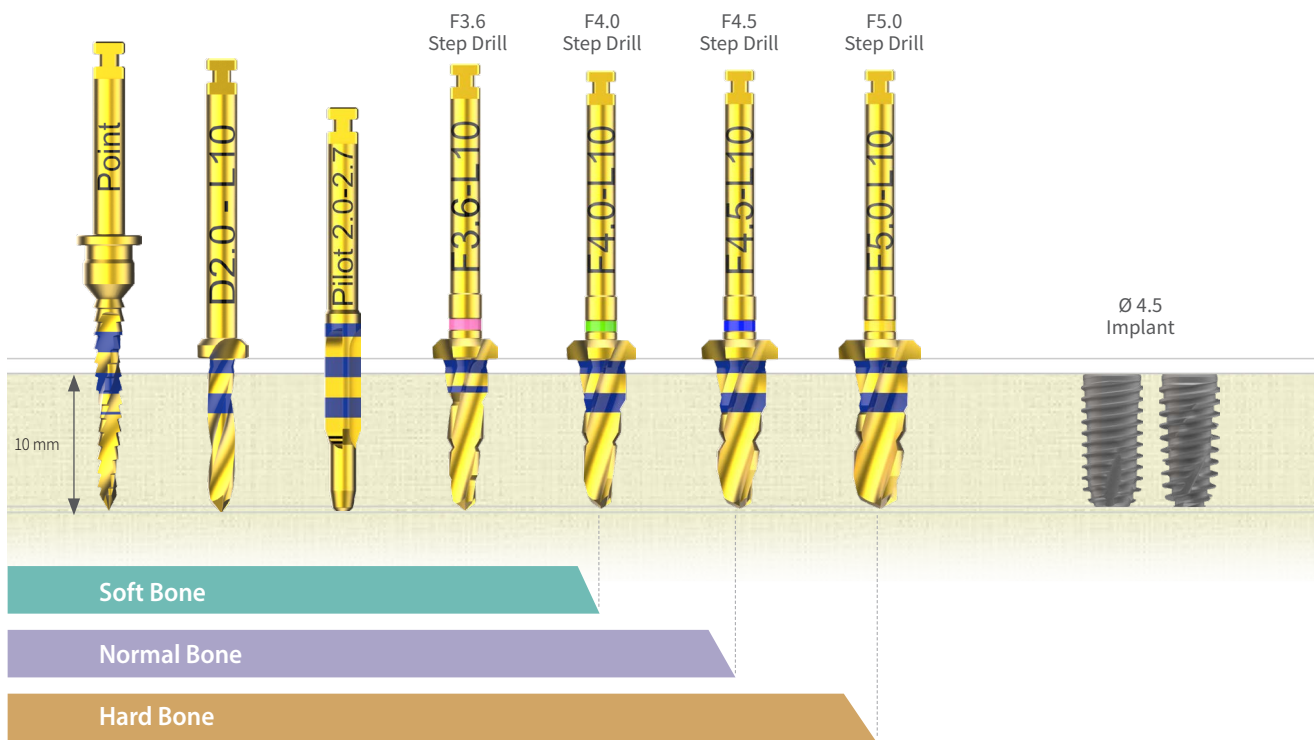
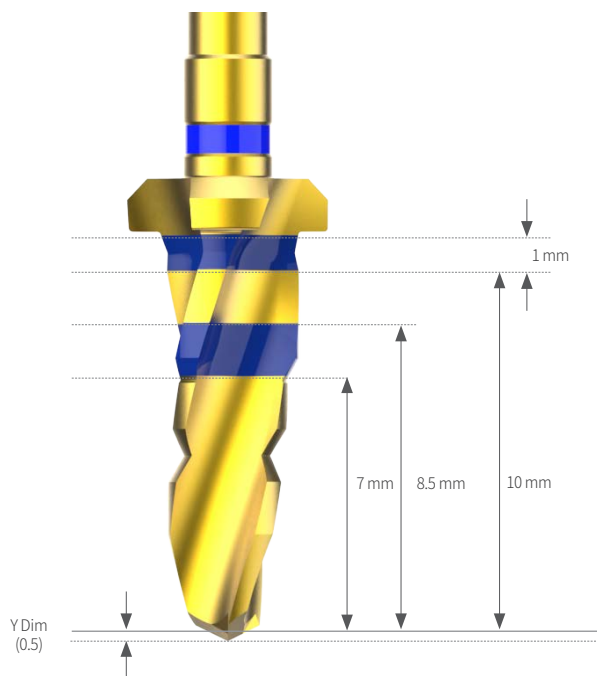
Easy to collect autogenous bone during drilling

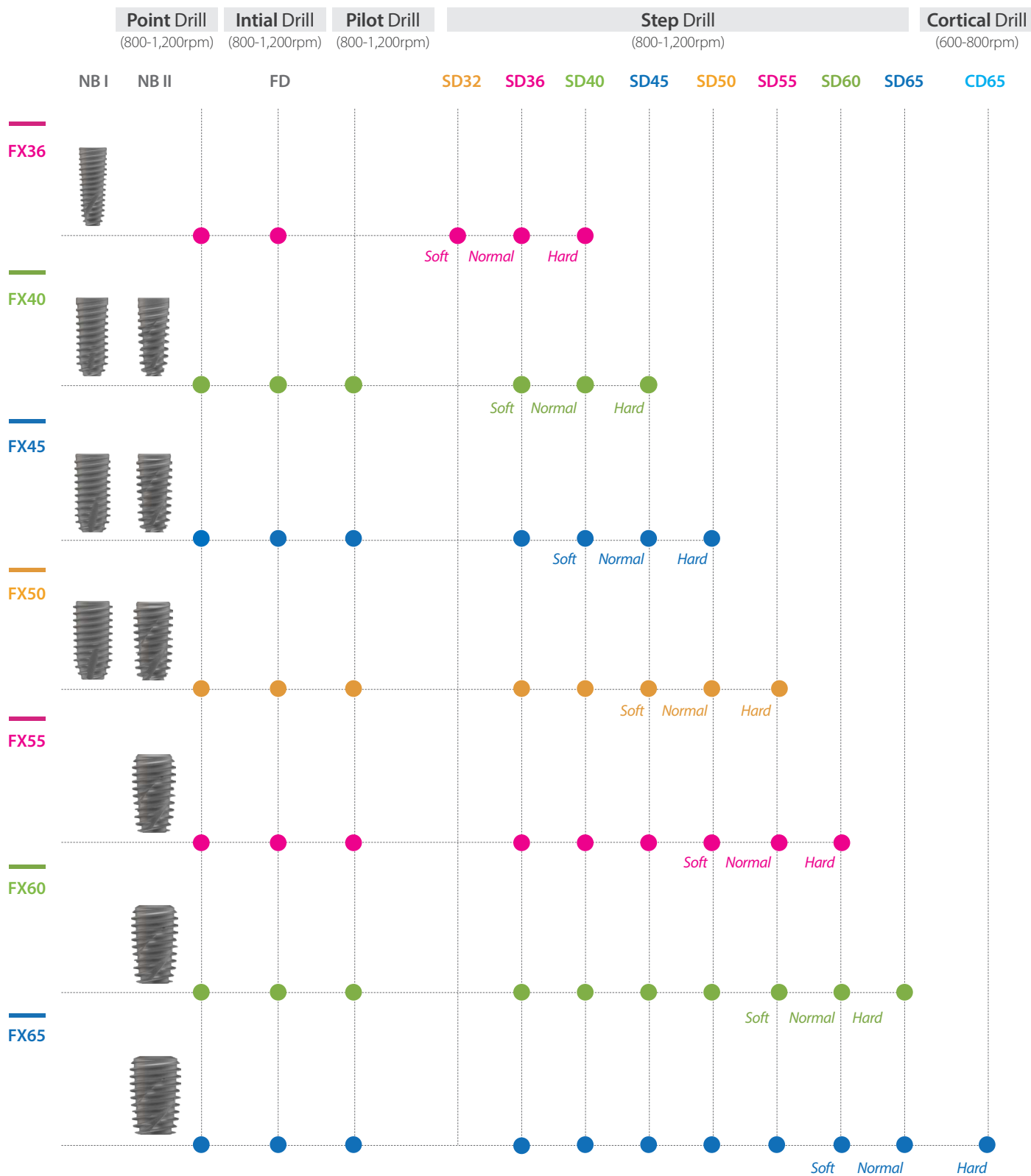
05



Various direction & positioning instruments for user convenience

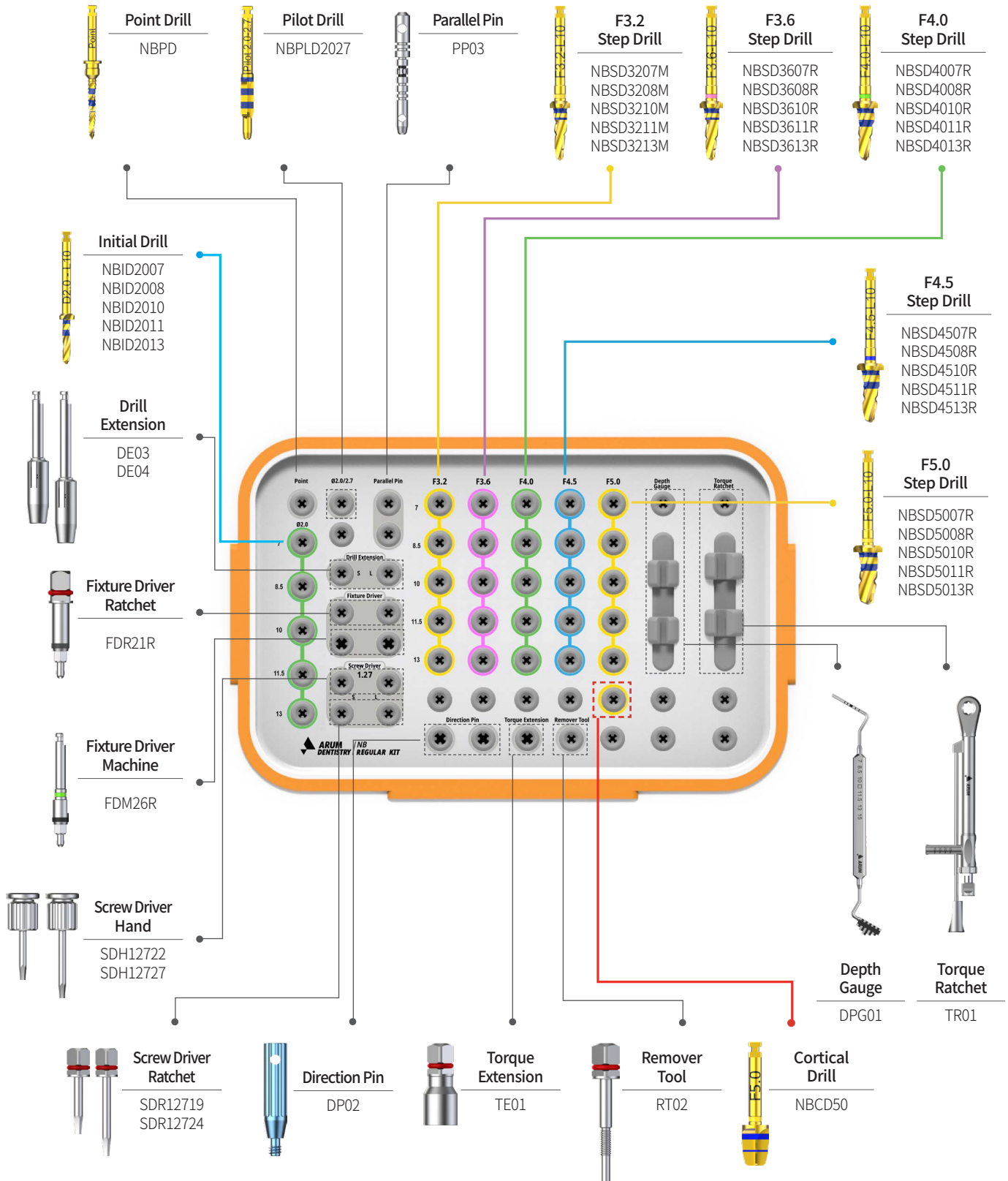
F4.5 Step Drill (10mm)





NB Regular Kit

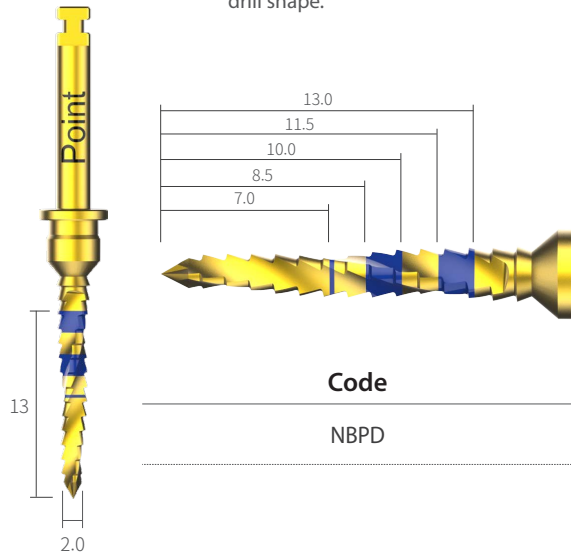
※ Set Code : REKC-SET



Drill

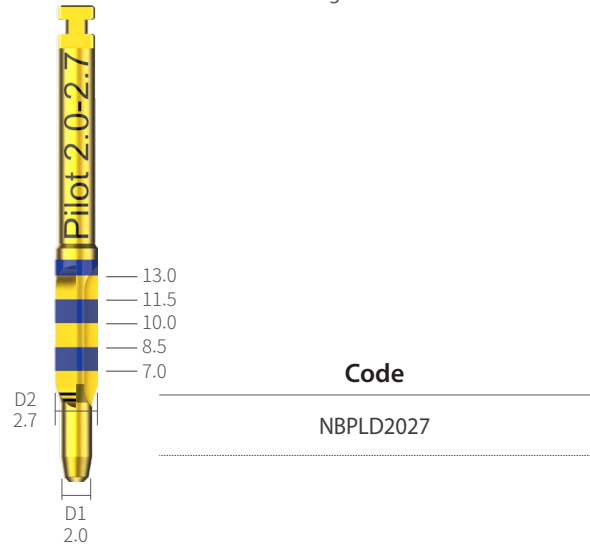
■ Point Drill

- Drill for implant positioning.
- Path can be adjusted with a side-cut drill shape.



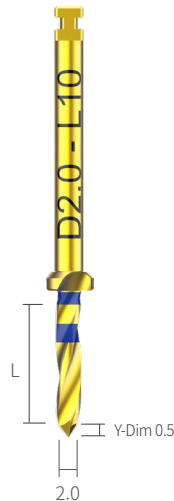
■ Pilot Drill

- Prevents the direction of the next drill from changing and makes drilling easier.
- 5mm guide without blade.



■ Initial Drill

- Drilling along the path of the point drill.
- Select a drill that matches the length of the fixture to be installed.
- Y-dimension 0.5mm.

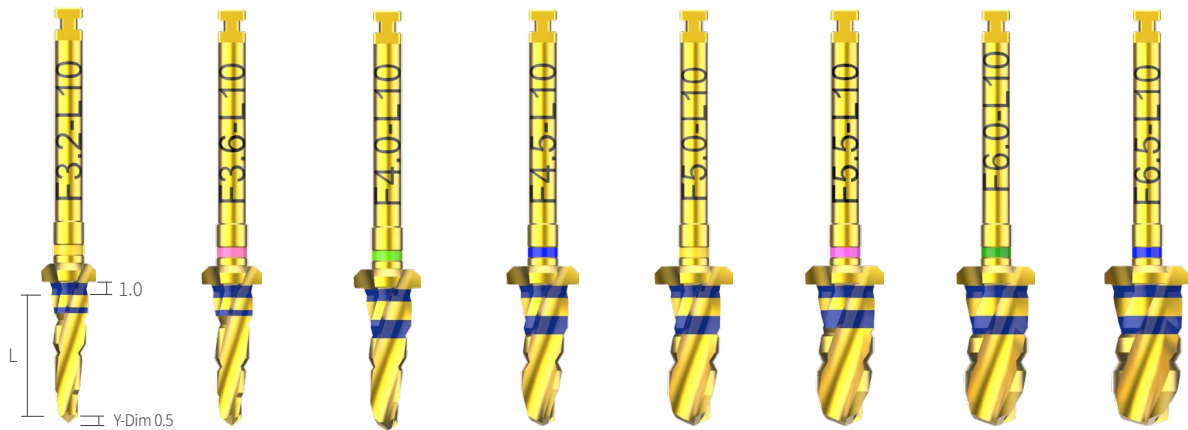


L	7.0	8.5	10.0	11.5	13.0
	NBID2007	NBID2008	NBID2010	NBID2011	NBID2013

Drill

Step Drill

- Stopper drill by fixture diameter and length.
- All drills : Y-dimension 0.5mm.



L \ D	3.2	3.6	4.0	4.5	5.0	5.5	6.0	6.5
7.0	NBSD3207M	NBSD3607R	NBSD4007R	NBSD4507R	NBSD5007R	NBSD5507R	NBSD6007W	NBSD6507W
8.5	NBSD3208M	NBSD3608R	NBSD4008R	NBSD4508R	NBSD5008R	NBSD5508R	NBSD6008W	NBSD6508W
10.0	NBSD3210M	NBSD3610R	NBSD4010R	NBSD4510R	NBSD5010R	NBSD5510R	NBSD6010W	NBSD6510W
11.5	NBSD3211M	NBSD3611R	NBSD4011R	NBSD4511R	NBSD5011R	NBSD5511R	NBSD6011W	NBSD6511W
13.0	NBSD3213M	NBSD3613R	NBSD4013R	NBSD4513R	NBSD5013R	NBSD5513R	NBSD6013W	NBSD6513W

Cortical Drill

- Used for hard bone implantation
- NBCD50 : Fixture 5.0 for hard bone (Included in Regular Kit).
- NBCD65 : Fixture 6.5 for hard bone (Included in Master Kit).

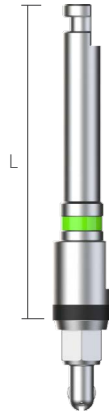


L \ D	5.0	6.5
5.5	NBCD50	NBCD65

Instruments

■ Fixture Driver

• Design specialized for fixture holding function.



Machine

L	Short	Long
	20	26
	FDM26R	FDM32R

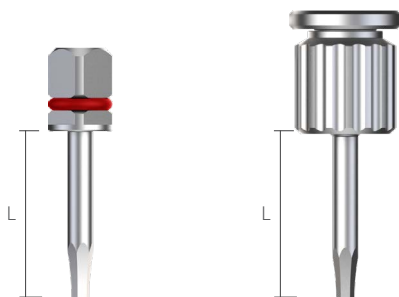


Ratchet

L	Short	Long
	16	22
	FDR21R	FDR27R

■ Screw Driver

• 1.27mm Hex.



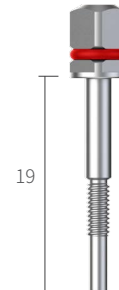
Ratchet

Hand

L	Short	Long	Short	Long
	13	18	13	18
	SDR12719	SDR12724	SDH12722	SDH12727

■ Remover Tool

• Used to separate fixture and abutment.



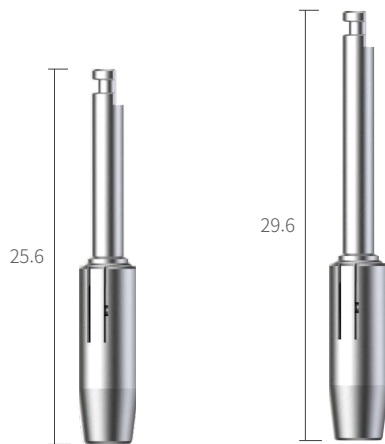
Code

RT02

Instruments

■ Drill Extension

- Extension of length of drills and Machine drivers.
- Be careful as there is a risk of bending or fracture when using with excessive force.



L	25.6	29.6
	DE03	DE04

■ Torque Extension

- Extension of the length of the driver for ratchet.



Code

TE01

■ Parallel Pin

- For checking the direction of the guide drills.
- Ø 2.0 part : point & initial drill.
- Ø 2.7 part : pilot drill.

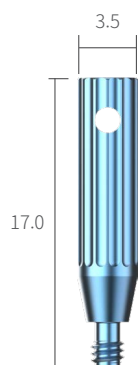


Code

PP03

■ Direction Pin

- Check the installation direction of the installed fixture.

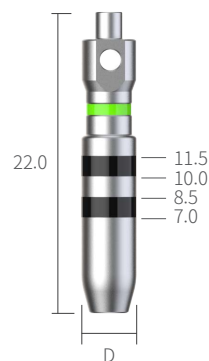


Code

DP02

■ Trial Pin

- Pin for checking tooth extraction socket diameter.
- Plan the diameter and length of the fixture to be installed.



Fixture (Ø)

5.5

6.0

6.5

D

4.1

4.6

5.1

TP5513

TP6013

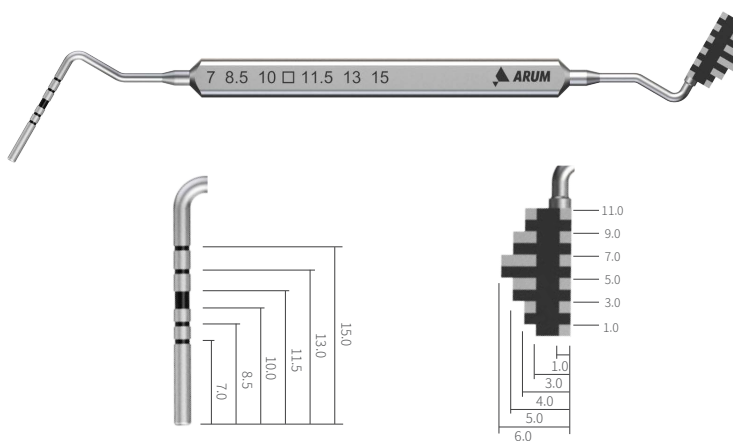
TP6513

■ Depth Gauge

- Consists of a drilling depth part and a special gauge part for measuring distance.

Code

DPG01

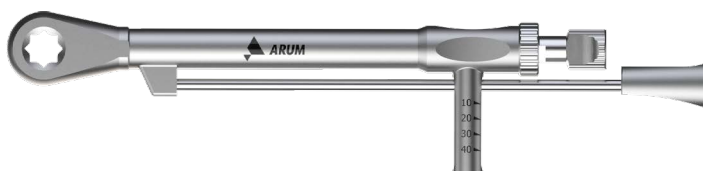


■ Torque Ratchet

- Apply two-way torque using a switch.
- Use by connecting driver for ratchet.

Code

TR01





Memo





[NB System]

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