



OK with in 3times

OK with in 3times **123 KIT**

Edition 04 / 2012


















● What is 123 KIT







- 123KIT reduces the number of conventional drilling sequence to once in soft bone, to twice in normal bone, and 3 times in hard bone. Both patients and physicians can both have a win-win by shortening the time of implant surgery. The 123Kit can also maximize the convenience for the users by integrating drilling sequences for TS, SS, and US Fixture.

● 123 KIT features

1. Speedy Drilling Sequence: Only three times
(TSII 5.0 Fixture: Hard bone)

	Guide Drill	1	2	3	4	5	6	7	
Conventional Drilling Sequence									
123 Drilling Sequence									

2. Simple & Easy Sequence: Unification of drilling sequence
(Separate drilling sequence by system → Unified drilling sequence by type.)

One sequence			One sequence		
TSII	SSII	USII	TSIII	SSIII	USIII
					

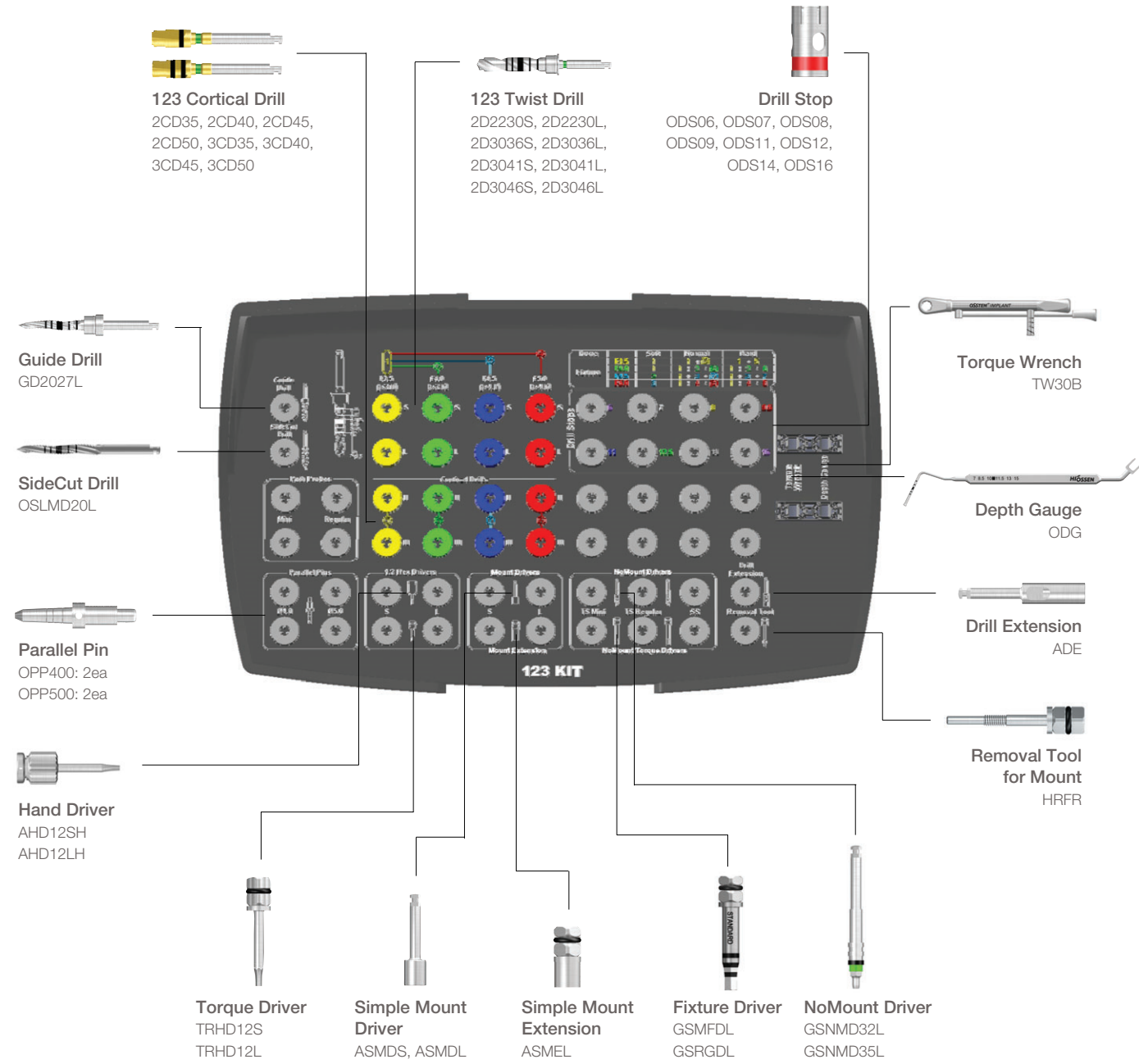
3. Design of drill stop
: Drill Stop designed with fixture lengths, the drilling depth can easily be adjusted safely and conveniently.

● 123 KIT (H123K)

Use range (Use)

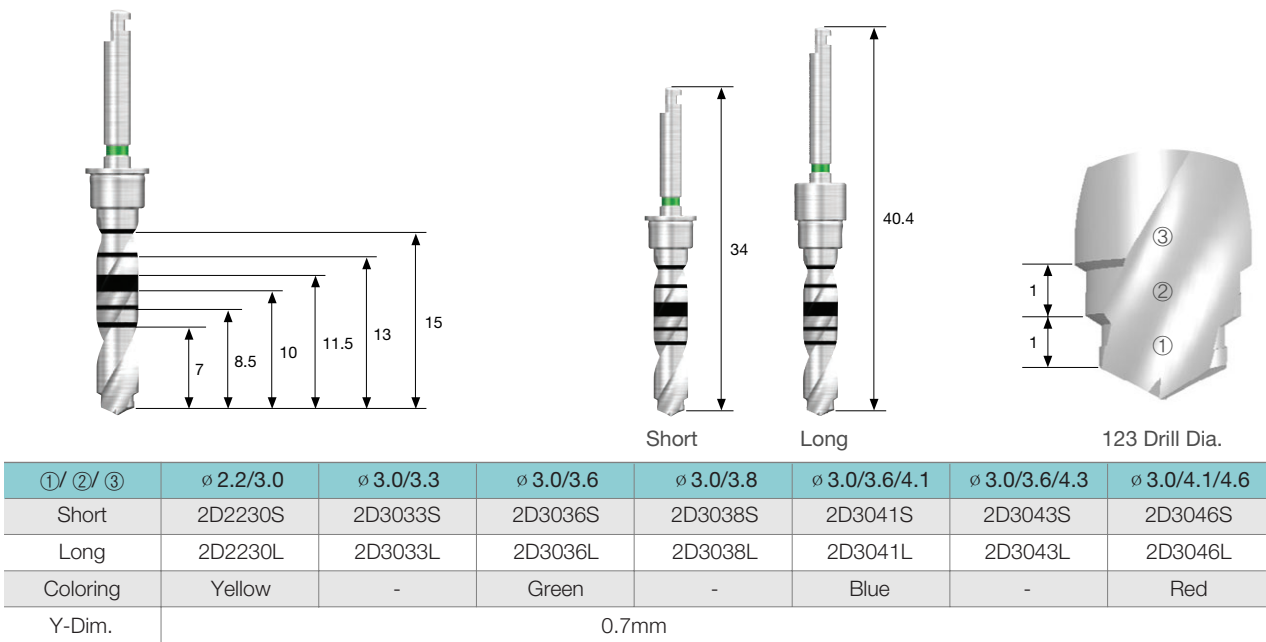
TSII SA	SSII SA	USII SA	GSII	Ultra-wide	MS	OS
TSIII SA/HA	SSIII SA	USIII SA	GSIII			

(* Use only 123KIT for SA or HA surface-treated fixture.)



● 123 KIT Components

123 Twist Drill

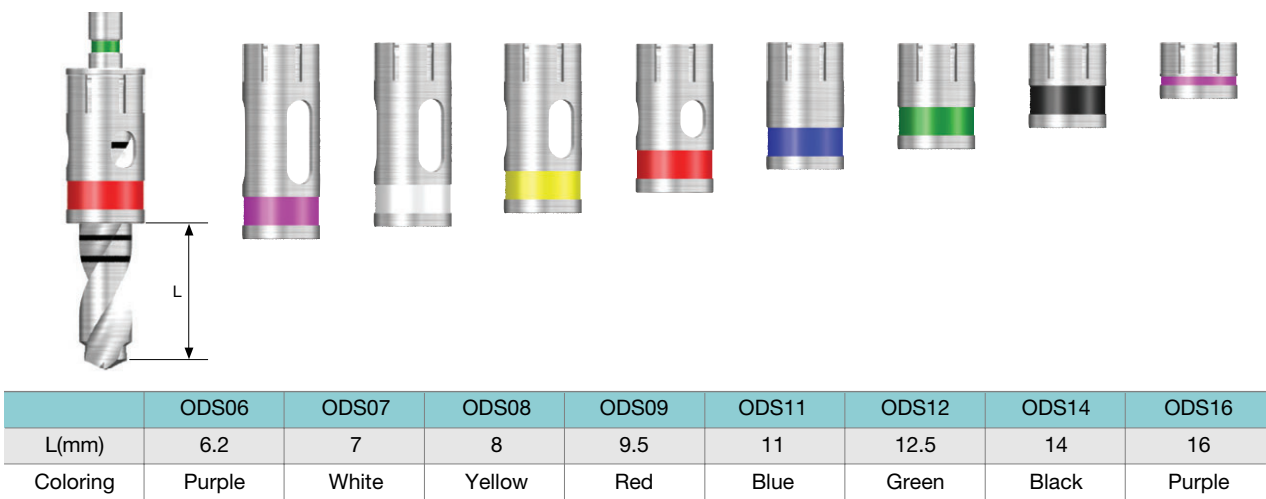


● Packing unit : Each Part

- The color of 123 Drill handle means the diameter and the main fixture to be used.
 - Yellow: F3.5, Green: F4.0, Blue: F4.5, Red: F5.0
- Install drill stop to adjust the drilling depth to intended level.

* 123 Twist Drill has good cutting force but the control of drilling depth may be difficult; therefore, it is highly recommended to use the drill stop.

123 Drill Stop

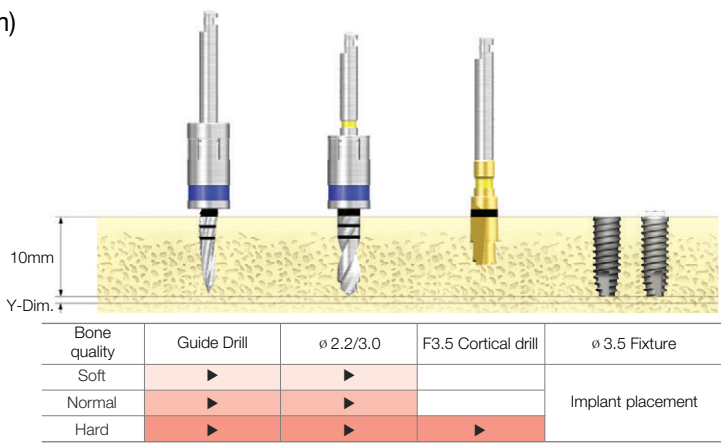


● Packing unit : Each Part

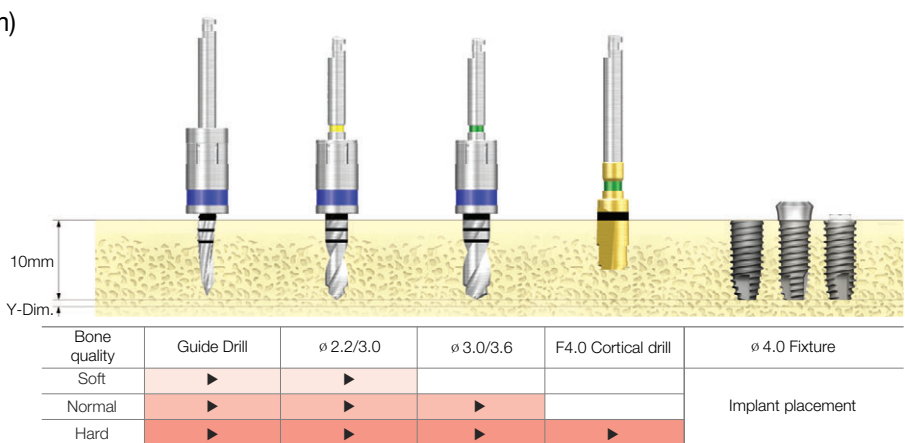
- The length of drill stop means what remains of the actual length when the drill stop is installed on 123 Twist Drill.
- The lengths are differentiated with colors for convenient identification and for the placement in the KIT.

TSII SA / SSII SA / USII SA Fixture

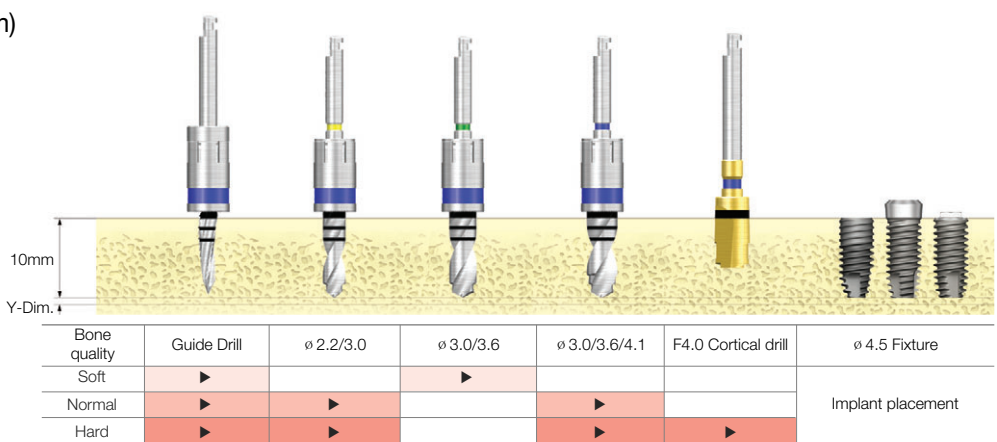
I ø 3.5 Fixture (Length : 10mm)



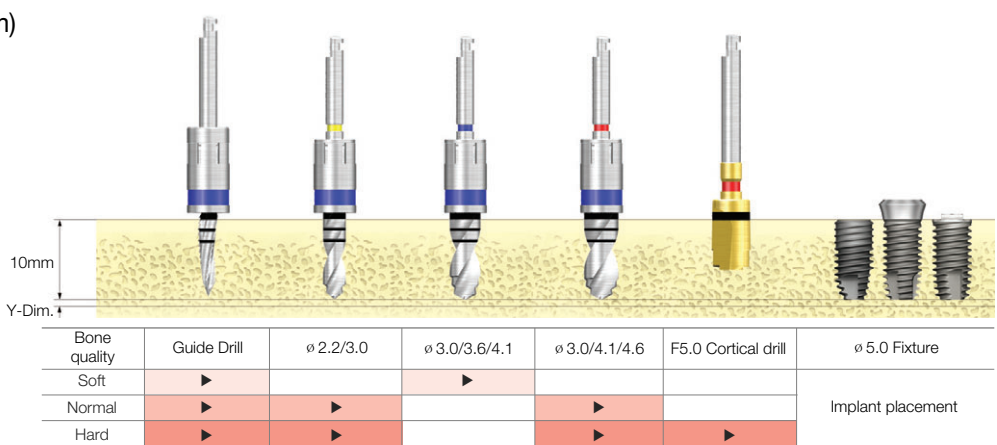
I ø 4.0 Fixture (Length : 10mm)



I ø 4.5 Fixture (Length : 10mm)



I ø 5.0 Fixture (Length : 10mm)



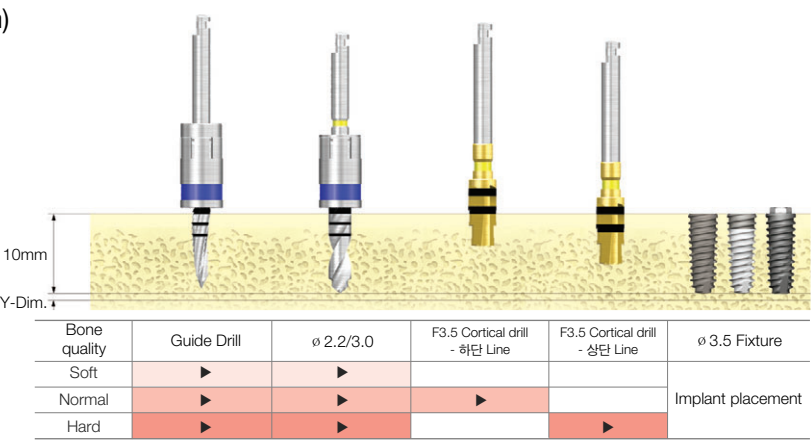
※ TS/GS fixture implant depth guide

- In case of normal or higher-quality bone, it is recommended to implant deeper than bone level by 1mm or less.
- In case of soft bone, it is recommended to implant to meet the bone level for maintenance of anchoring force.

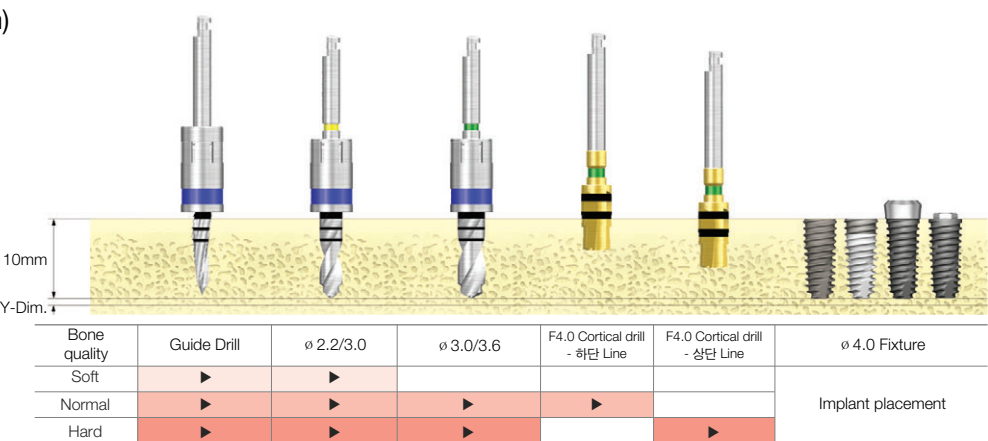
※ In case of HA Fixture, it may crack or separate HA coating layer in case of hard bone and the use is not guided.

TSIII SA / TSIII HA / SSIII SA / USIII SA Fixture

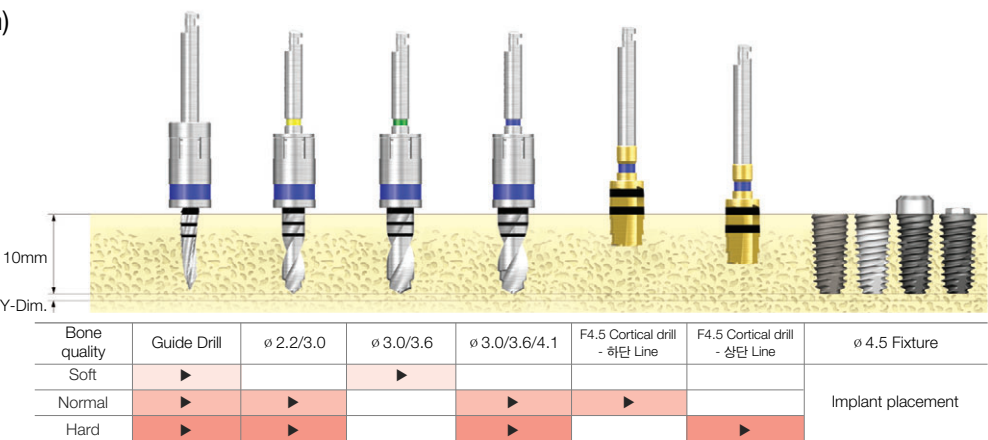
ø 3.5 Fixture (Length : 10mm)



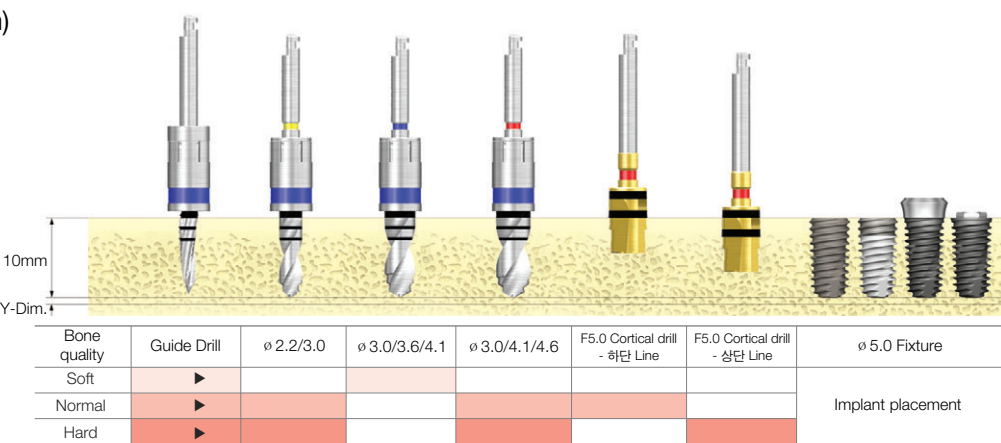
ø 4.0 Fixture (Length : 10mm)



ø 4.5 Fixture (Length : 10mm)



ø 5.0 Fixture (Length : 10mm)



※ TS/GS fixture implant depth guide

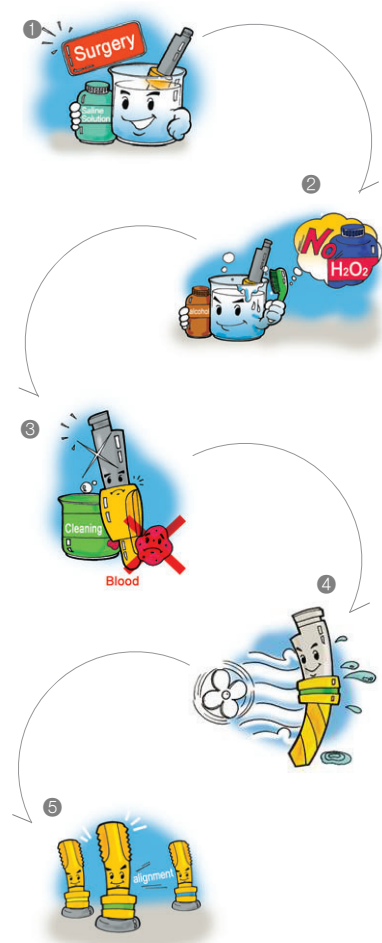
- In case of normal or higher-quality bone, it is recommended to implant deeper than bone level by 1mm or less.
- In case of soft bone, it is recommended to implant to meet the bone level for maintenance of anchoring force.

※ In case of HA Fixture, it may crack or separate HA coating layer in case of hard bone and the use is not guided.



123 KIT

Care of 123KIT



- ① During surgical procedure, keep used tools in saline solution or distilled water.
- ② When the surgery has been completed, soak the used tools in alcohol for cleaning.
- ③ Wash blood stains and other foreign matter clean with distilled water or flowing water.
- ④ Remove moisture with a dry cloth or a hot air blower.
- ⑤ Place the dried tools in the KIT case.
(Refer to the color coding for placement of tools in the kit case.)
- ⑥ After placement, sterilize the kit in an autoclave at 132°C for 15 minutes and store at room temperature.

Caution Washing with hydrogen peroxide is prohibited.
Exposure to hydrogen peroxide may discolor the laser marking and TiN coating.

Caution: After a surgical procedure, separate all the tools used in the surgery immediately, and clean and sterilize before storage.
It is highly recommended to sterilize the Surgical KIT before and after each surgical procedure in an Autoclave (temperature: 132°C, time: 15 min)
The warranty period of the Surgical KIT is One Year after first opening the package, and the warranty cycles of the Drills and Drivers is 50 cycles.