

How to use

Preparation of Smart Template



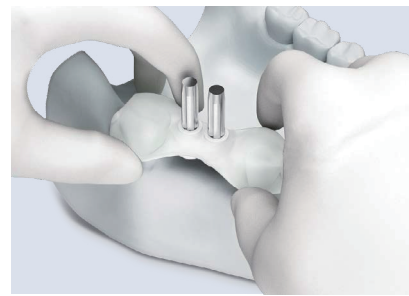
Drilling on lab model at the location and direction according to planned implantation



Insertion of guide pins



Soaking in 70°C water for 1 minute (may use warm water from drinking water dispensers)



Connect the sleeve of the smart template on the guide pins of the lab model and mold shape



SmartGuide hardening (for around 1 minute)

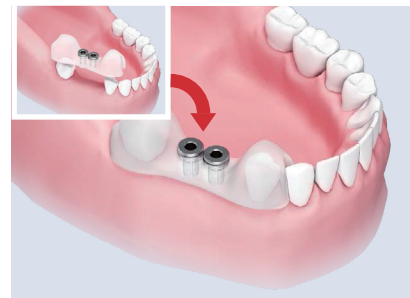


Completion of SmartGuide preparation

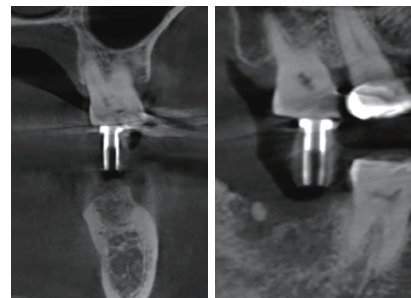
Use of Smart Template



After low temperature disinfection, confirm that the smart template has been placed appropriately in the oral cavity



Connect the checkup bush outside of the oral cavity before placing it in the oral cavity for CT



Confirm the location and direction of drilling once again through CT or X-ray



Remove the checkup bush and conduct initial drilling with Ø2.2 drill



Additional drilling with Ø3.0 drill



Remove template and conduct final drilling

Management of KIT & Tool



- 1 Place the used tools in saline or distilled water during operation



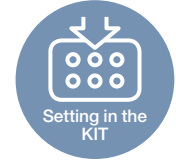
- 2 After surgery, take out all used tools and unused tools in the kit and clean with alcohol.
If tools with rubber are stored for long in the kit, humidity created during sterilization may cause erosion. Therefore, please clean the unused tools as well. (at least once quarterly) Do not use hydrogen peroxide for cleaning. When exposed to hydrogen peroxide, laser marking and anodizing may discolor.



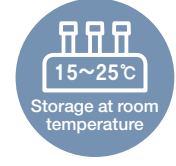
- 3 Clean with distilled water or tap water to remove any blood or foreign materials



- 4 Completely remove water and moisture using dry cloth or hot air



- 5 Set the dry tools in the kit case (convenient for referring to color coding)



- 6 Autoclave (temperature: 132°C, time: 15 minutes) the set kit and store at room temperature

Caution : Clean all used tools prior to storage. It is advisable to re-sterilize the kit immediately before surgery. (Temperature: 132°C, time: 15 minutes) The warranty lasts for 1 year after opening and up to 50 uses for drills. The smart template is a single-use non-sterilized medical device and should be used after low-temperature sterilization. (May not be sterilized in a steam sterilizer)

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IMPLANT

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SmartGuide

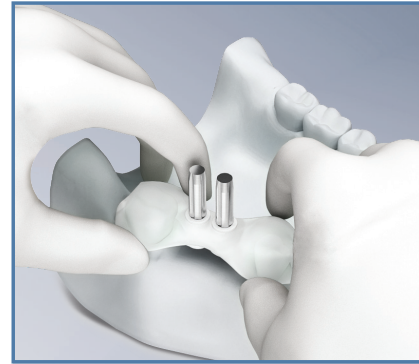
Thermoplastic Surgical Template



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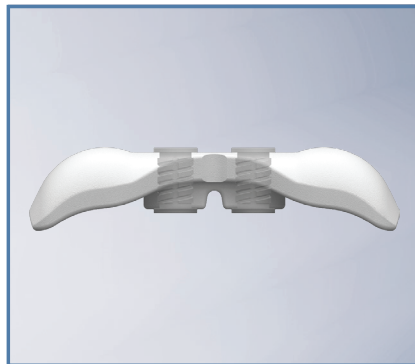
Thermoplastic Surgical Template that Guides Implantation Location



Made of Thermoplastic Resin and Can be Easily Manipulated



3D Pre-formed Design Takes Adjacent Teeth Into Consideration



Optimal Sleeve Length Enables Stable Drill Guide

01

Accurate Surgical Template Preparation Guides an Accurate Implantation

02

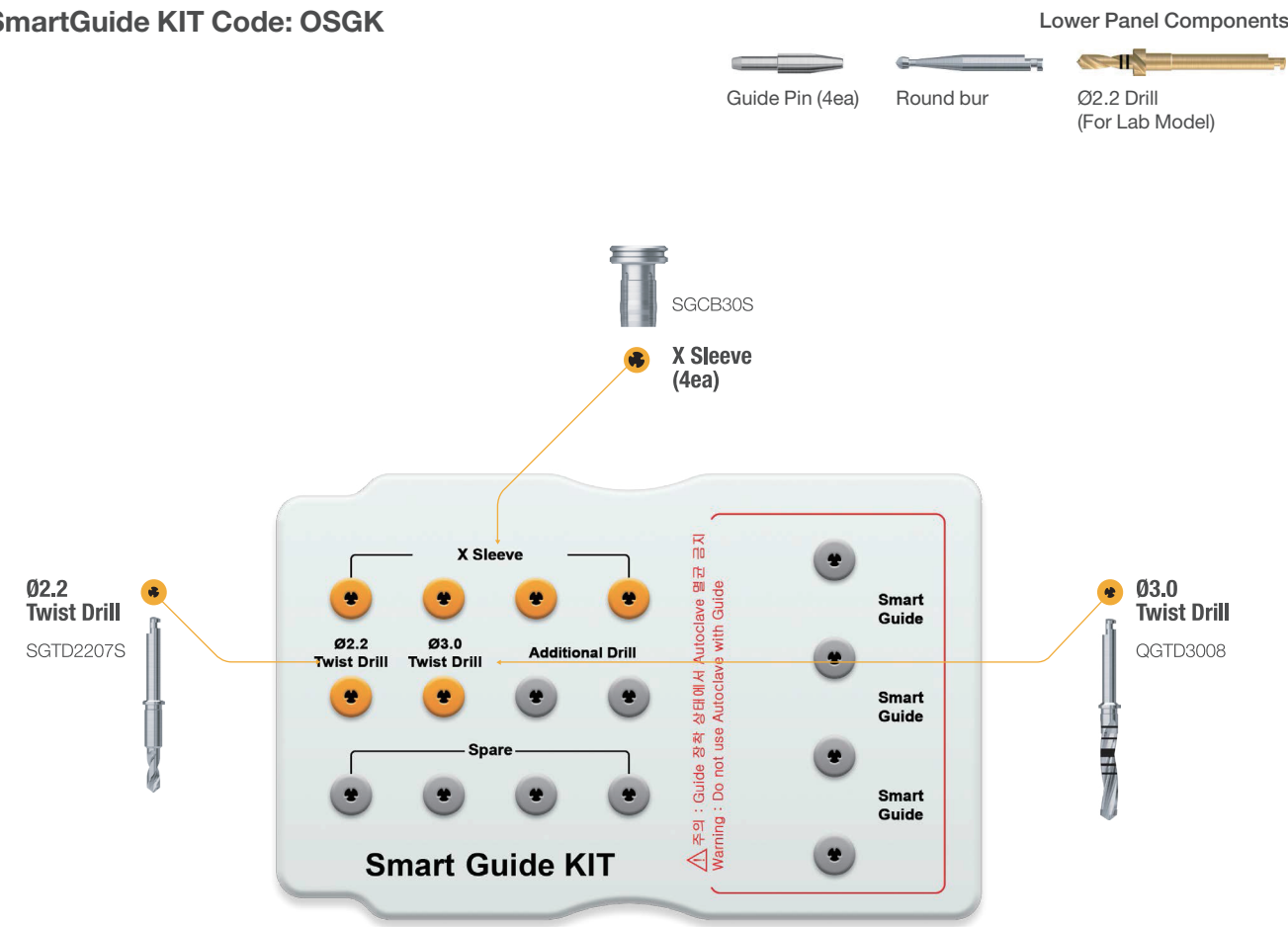
3D Pre-formed Design Decreases Preparation Time

03

Optimal Sleeve Length Enables Stable Drill Guide

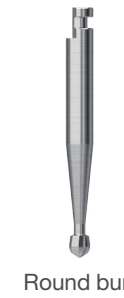
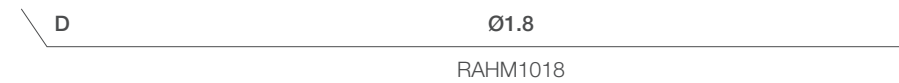
SmartGuide KIT Surgical Instrument

SmartGuide KIT Code: OSGK



Round Bur

- Used for initial marking on lab model
- Number of uses : 10



Round bur

Ø2.2 Twist Drill For Lab Model

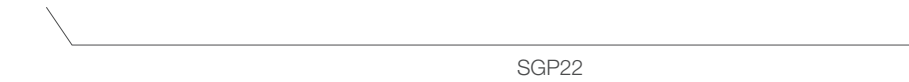
- Drill used for lab model
- Number of uses : 10



Twist drill

Guide Pin

- Pin to fix the smart template on plaster model
- Connected to the sleeve of smart template



X Sleeve

- Connected to the sleeve of the smart template to check with CT or X-ray whether the template has been prepared as planned



Twist Drill

- Drill used through the template in the oral cavity
- Connected to the sleeve of the smart template to support stable drilling



Ø2.2 Drill



Ø3.0 Drill

SmartGuide

- Thermoplastic surgical template
- Can be freely manipulated if soaked in 70°C water for 1 minute
- Hardens in 1 minute at room temperature after manipulation

Caution : Smart template is a single-use non-sterilized medical device and should be used after low-temperature sterilization (cannot be autoclaved or sterilized using hydrogen peroxide)

