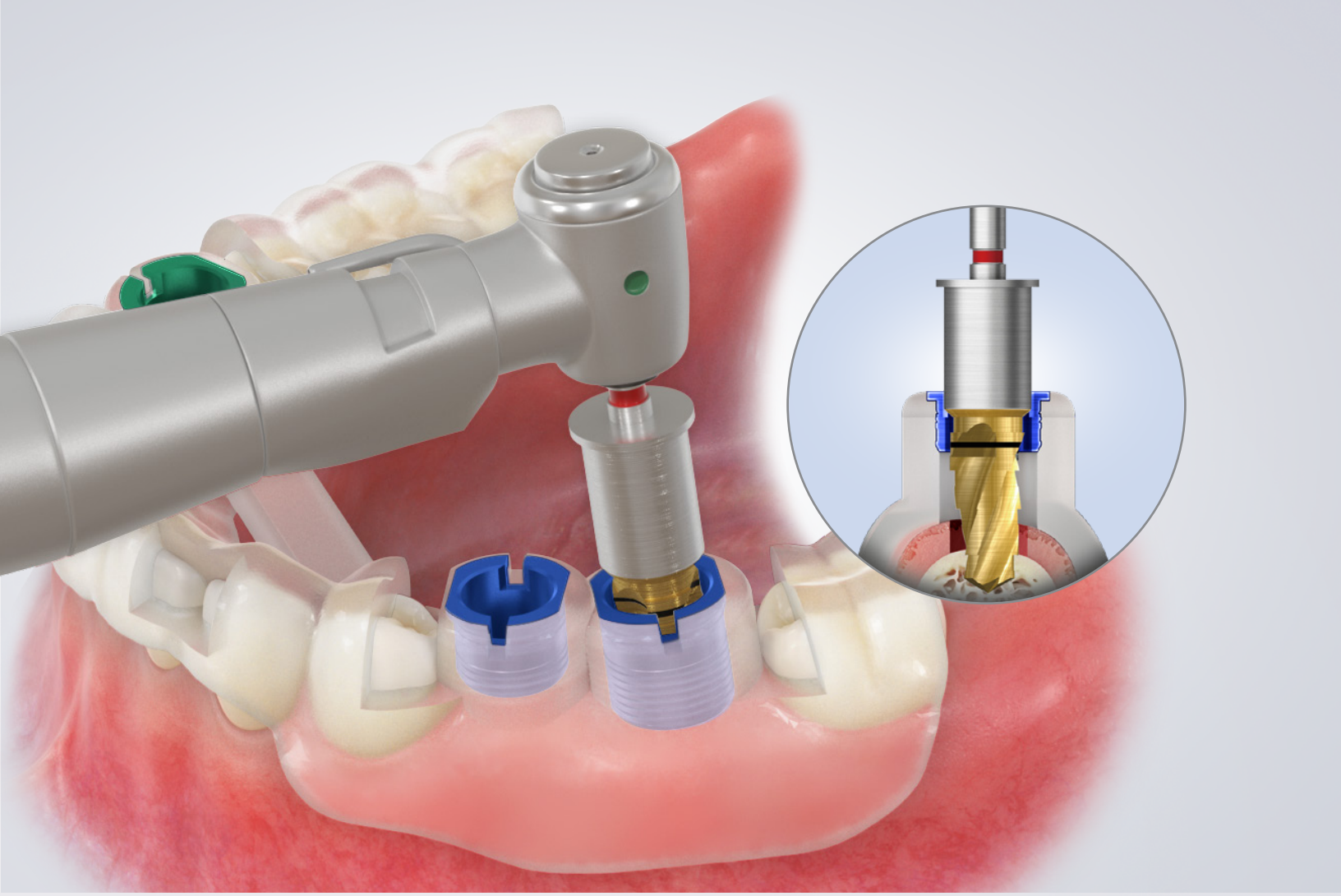


Predictable and Accurate Keyless Guided Implant Surgery

OneGuide Kit

- Convenient drilling sequence that aligns with the Hiossen 122 Taper Kit drilling technique
- Guided implant surgery allows to visualize the steps of the procedure and create custom drilling templates
- Reduces the risk of complications by predetermining the optimal angle and depth of implant placement

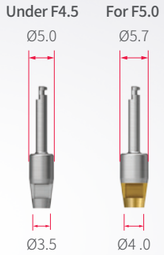
HIOSSEN IMPLANT

OneGuide KIT components

1 Tissue Punch

- Used for flapless surgery
- Diameters other than the basic components can be purchased separately

Under F4.5 Ø5.0 Ø3.5 | For F5.0 Ø5.7 Ø4 .0



2 Flattening Drill

- Used to flatten uneven alveolar ridge
- Drill head is designed with multiple cutting edges

Under F4.5 | For F5.0

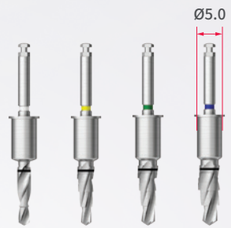
3 OneGuide Path Drill

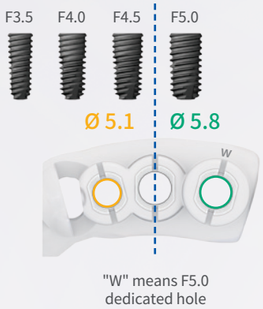
- Prevents path deviation/slipping of initial drill
- Optimized for cutting inclined bone with flat blade design
- Ø2.5/Ø3.0(W) - 7/13mm

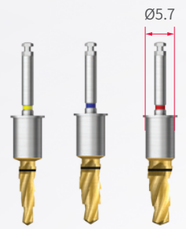
Under F4.5 | For F5.0

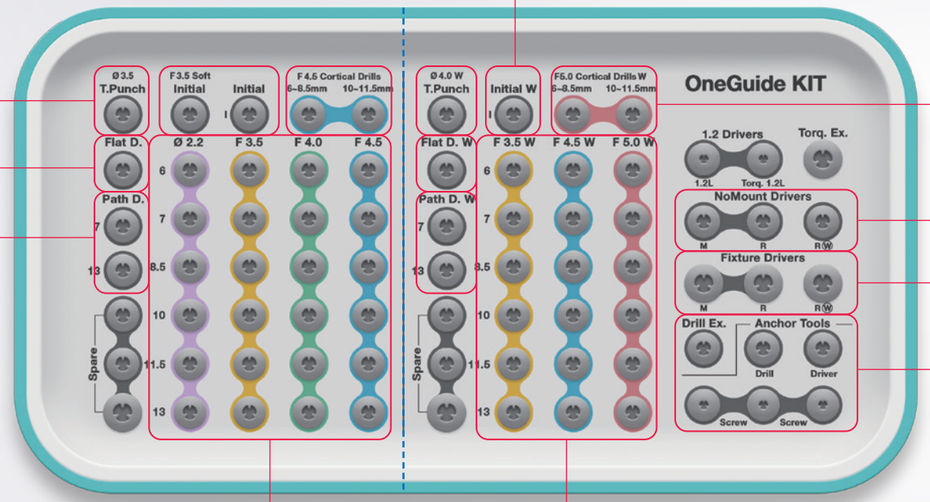
4 OneGuide Drill

- The taper drills are optimized for ETIII/IV Implants
- Stable drilling with multistage structure
- 6mm drill for each diameter and F5.5(W) drills can be purchased separately





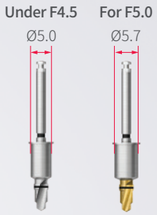




5 Initial Drill

- Shape of the initial drill helps with double contact effect
- Secures the guide depth

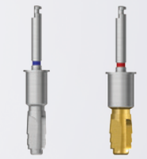
Under F4.5 Ø5.0 | For F5.0 Ø5.7



6 Cortical Drill

- Used for placement of Ø4.5/Ø5.0 implants in hard bone
- Drills of 13mm of each diameter can be purchased separately

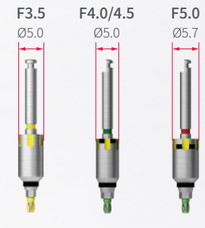
Under F4.5 | For F5.0



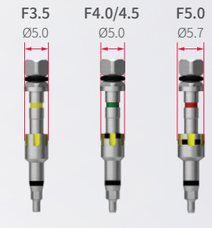
7 Nomount / Implant Driver

- Drivers for ET implants with OneGuide system
- Tools for SS/US can be purchased separately

F3.5 Ø5.0 | F4.0/4.5 Ø5.0 | F5.0 Ø5.7



F3.5 Ø5.0 | F4.0/4.5 Ø5.0 | F5.0 Ø5.7



8 Anchor Tool (Drill, Screw, Driver)

- Used to fix OneGuide securely in the mouth (ex. Edentulous case)
- Selectively applicable at implant planning step

Drilling Sequence

▲ Soft ■ Normal ● Hard

Implant Diameter	Bone Density	Initial	Ø2.2	F3.5	F4.0	F4.5	F4.5 Cortical	F5.0	F5.0 Cortical
F3.5	Soft	▲ F3.5 soft	▲						
	Normal	■	■	■					
	Hard	●	●	●	●				
F4.0	Soft	▲	▲	▲					
	Normal	■	■	■	■				
	Hard	●	●	●	●	●			
F4.5	Soft	▲	▲	▲	▲				
	Normal	■	■	■	■	■			
	Hard	●	●	●	●	●	●		
F5.0	Soft	▲	▲	▲	▲	▲			
	Normal	■	■	■	■	■	■	■	
	Hard	●	●	●	●	●	●	●	●

Workflow

Dental Clinic

Data preparation

Selection 1. Providing CT Scan & Oral Scan data
Selection 2. Providing CT Scan & upper/Lower Oral models

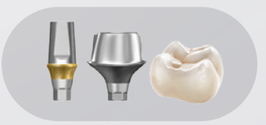
Confirming OneGuide design

Delivery to the dental clinic

Hiossen SmartFit

Planning & OneGuide design

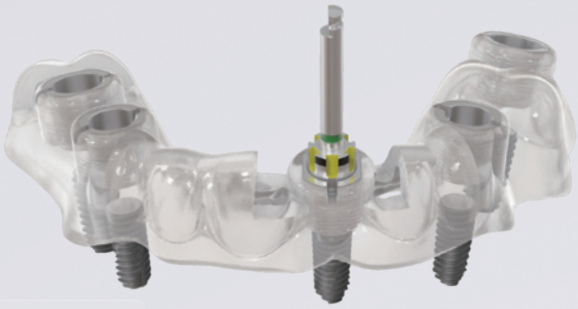
OneGuide 3D printing

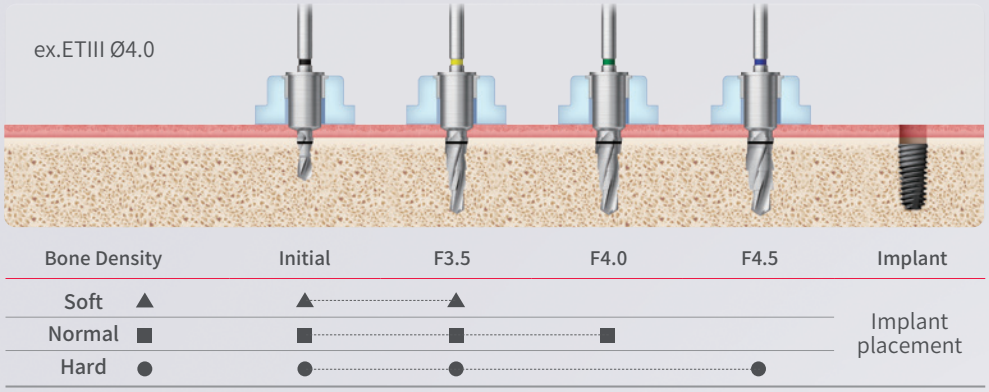


Custom Abt / Transfer Abt temporary crown manufacture (option)

Simple and Accurate Drilling Sequence

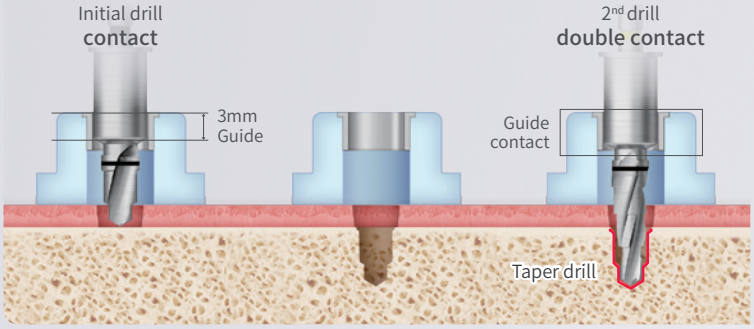
- The complexity of drilling sequences may result in implant deviation and unexpected errors as the procedure progresses. By adapting the Hiossen 122 Taper Kit drilling sequence, the OneGuide drilling sequence simplifies the surgical procedure depending on the bone quality.





Precise surgery with stabilized drills

- Maximizes stability due to the 3mm initial contact of the drill barrel and the surgical guide sleeve, which also decreases the chance of mechanical deviation.
- The osteotomy presents a tapered shape similarly to the initial drill, after its use. This performs as a second contact to stabilize the drill.

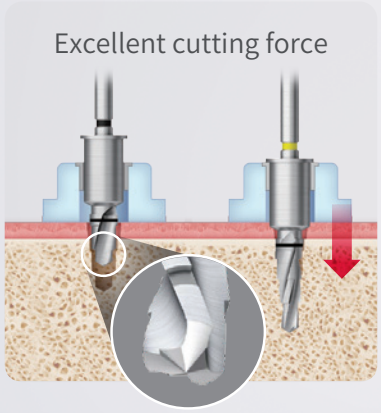


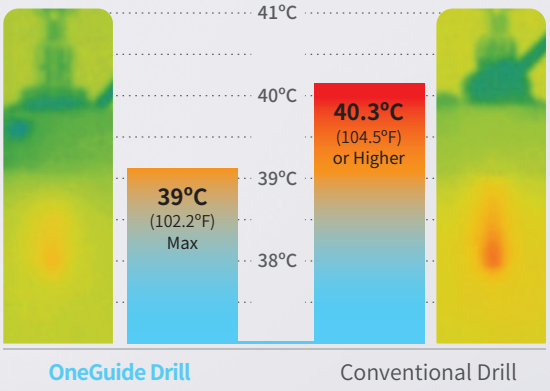
Initial Drill: The smart design assists the drill barrel for a fitted insertion to the guide sleeve up to 3mm prior contact with the bone.

Second Drill: Maximizes stability as the drill barrel is in fitted contact with the guide sleeve as well as the newly created osteotomy.

Prevents Bone Heating

- Due to the drill design, the cutting power has improved which leads to a shorter drilling sequence. Low temperature and prevention of bone heating is maintained by the high-speed drilling.





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