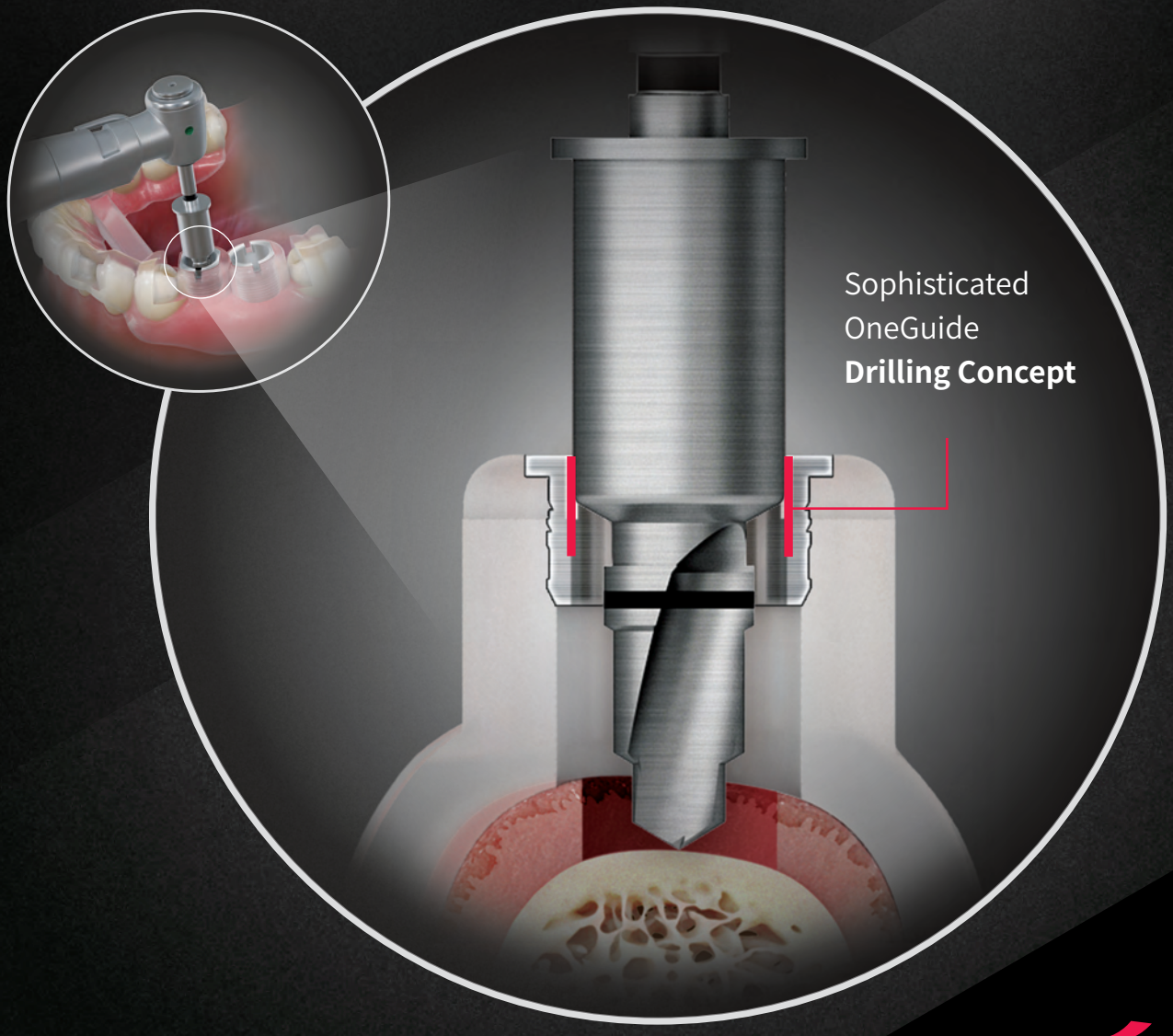
Digital-guided Implant Surgery with
Excellent Procedural Accuracy and Convenience

OneGuide KIT

- Shortened Drilling Protocols for Reduced Chairtime.
- Sophisticated Procedures Possible with Steady and Precise Drilling
- Fast Operation without worrying about Heat Necrosis



HIOSSEN IMPLANT

OneGuide KIT

1. Initial Drill

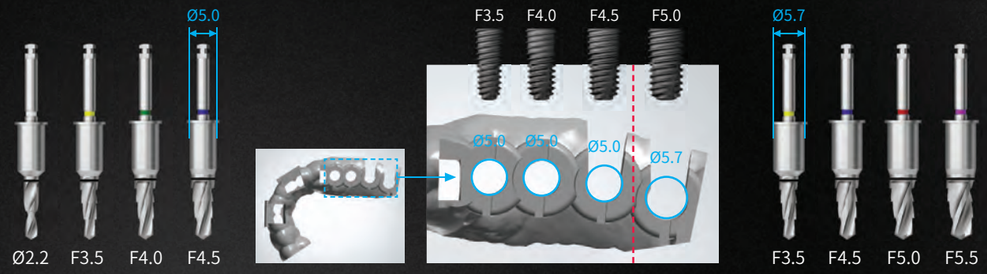
- Displaces bone for OneGuide Drills

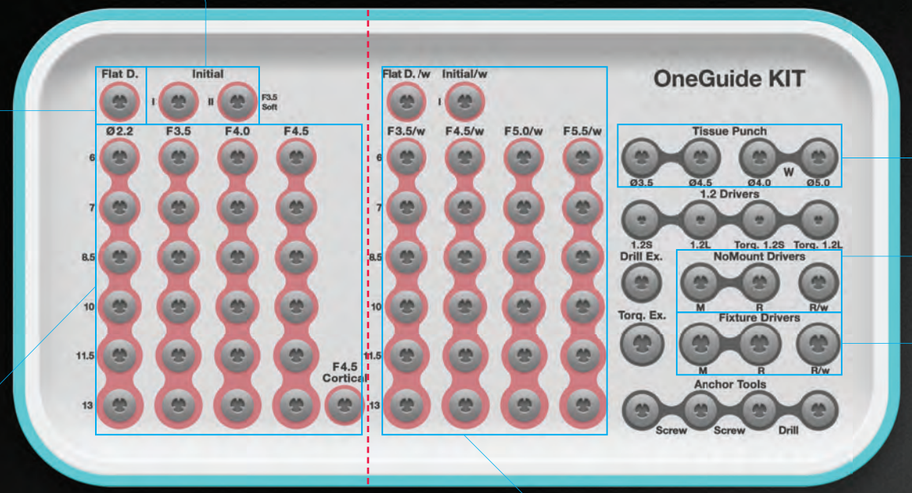
2. Flattening Drill

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

3. OneGuide Drill

- Drills are optimized for the ETIII system
- Unique drills design reduces heat

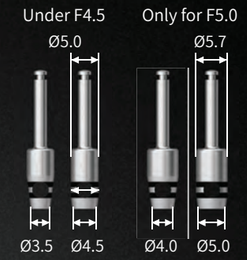




HIOSSEN IMPLANT

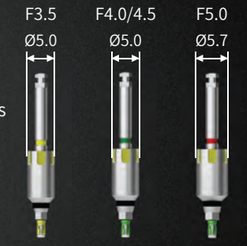
4. Tissue Punch

- Used for flapless surgery



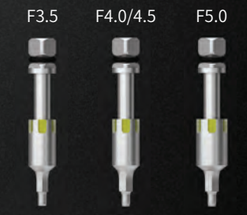
5. NoMount Driver

- The OneGuide system does not require special mounts or delivery methods
- Works only with NoMount Fixtures
- Yellow markings provide hex indexing



6. Fixture Driver

- To finish delivery manually
- Yellow markings provide hex indexing



Drilling Sequence

▲ Soft ■ Nomal ● Hard

Fixture Diameter	Bone Density	Initial	Ø2.2	F3.5	F4.0	F4.5	F5.0	F5.5	Fixture
F3.5	Soft	▲	▲						Implant placement
	Nomal	■		■					
	Hard	●		●		●			
F4.0	Soft	▲		▲					
	Nomal	■		■		■			
	Hard	●		●			●		
F4.5	Soft	▲		▲		▲			
	Nomal	■		■			■		
	Hard	●		●			●		F4.5 cortical
F5.0	Soft	▲		▲			▲		
	Nomal	■		■				■	
	Hard	●		●				●	

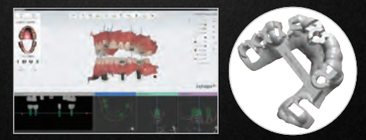
Workflow

Dental Clinic

Digital scanning

1. CT & intra-oral scan
2. CT & stone model

OSSTEM IMPLANT



Planning & OneGuide design

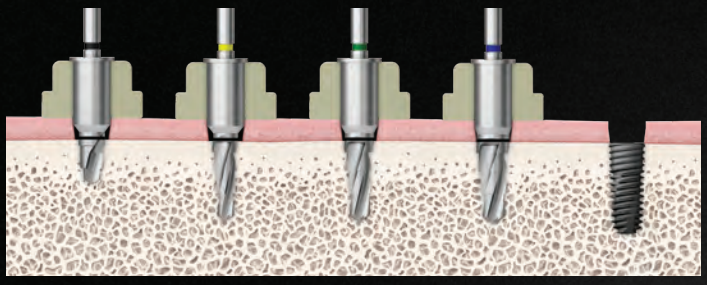
- OneGuide Stent 3D printing
- SmartFit or stock abutment + temp crown

Surgery day

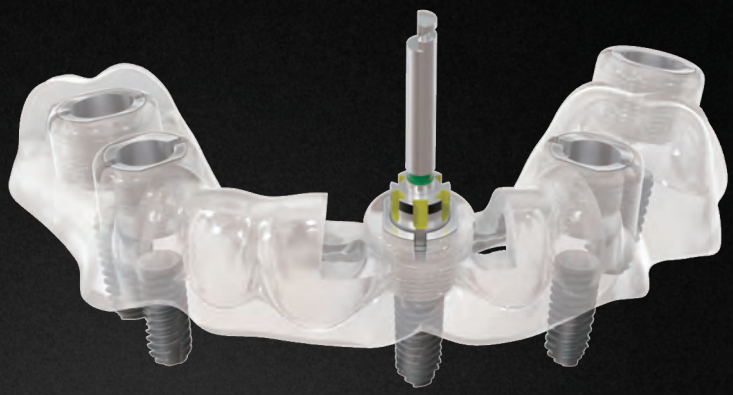
Shorter Drilling Sequence

- Depending on bone quality, implants can be placed after 2-4 drills

ex. ETIII Ø4.0



Bone Density	Initial	F3.5	F4.0	F4.5	Fixture
Soft	▲	▲			Implant placement
Nomal	■	■	■		
Hard	●	●		●	



Side Slots for Restrictive Spaces

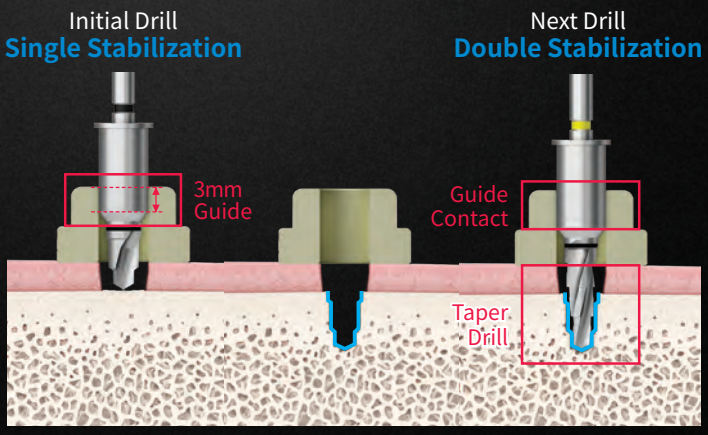
- Open Sleeve/Guide allows for lateral access in limited conditions
- Vertical clearance requirement can be as low as 35mm, while other kits can require 51mm
- The Surgical Stent can be fabricated with or without the Open Sleeve

Insufficient intermaxillary space

Sufficient intermaxillary space

Stabilized Drilling

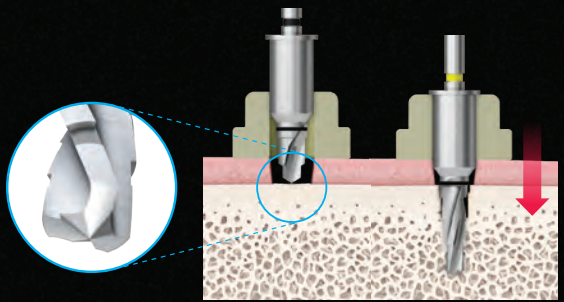
- The Surgical Stent provides excellent stabilization of the drills
- After use of the Initial Drill, the osteotomy will provide further stabilization to improve stability and precision



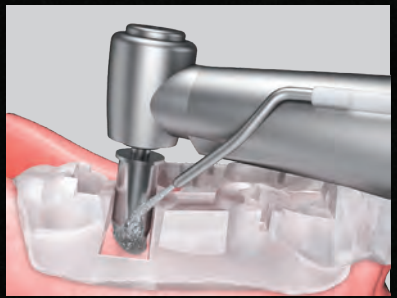
Reduced Heat Generation

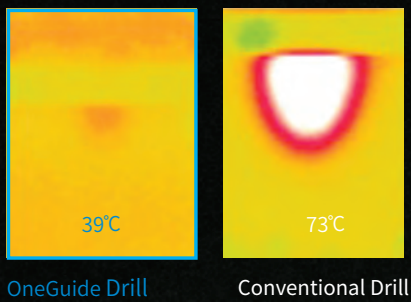
- Improved drill design significantly reduces heat generation during drilling
- Open Sleeves improve irrigation flow into the site

Triple Stage Tip



Side slot allows for full irrigation





OneGuide Drill | Conventional Drill

 PF21OGKA4R1.1

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