Simple Digital Guide System

Dentium Guide Surgery

User Manual



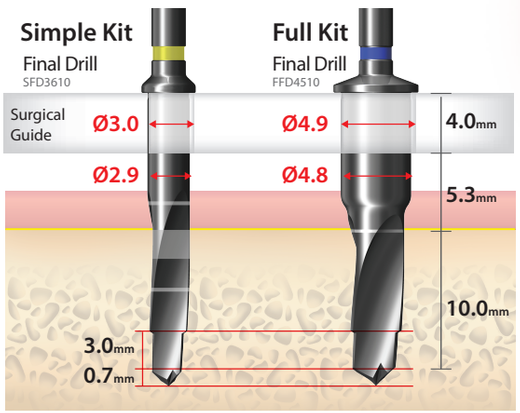
- *Simple Kit or Full Kit*
- *Non-Sleeve, Open Sleeve or Ti-Sleeve*
- *Step drill Guide strengthening of function*

Dentium

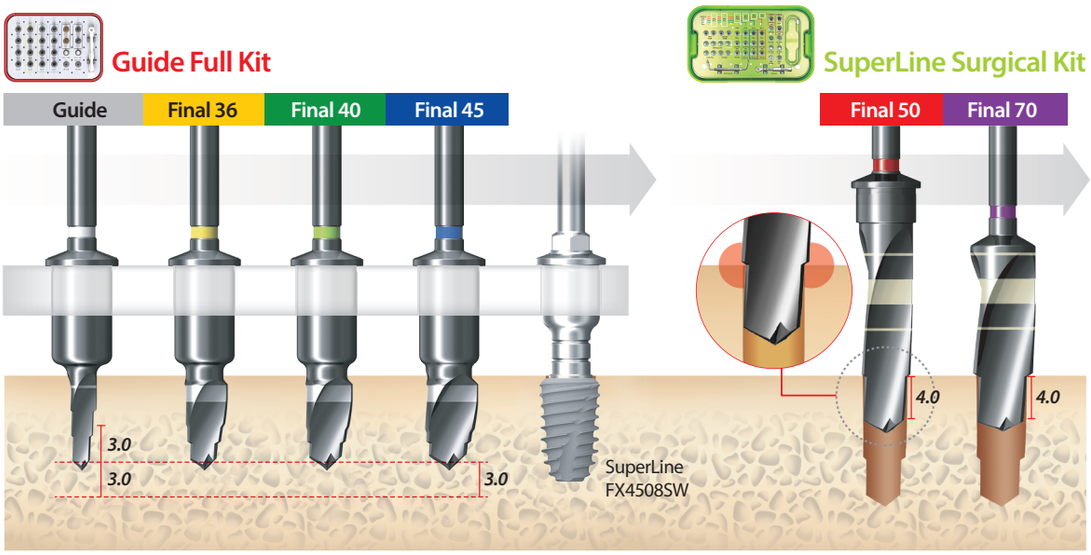
Simple Digital Guide System

Dentium Guided Surgery

- Simple Kit or Full kit
- Ti-Open or Ti-Sleeve
- Enhanced guided function by Step drill





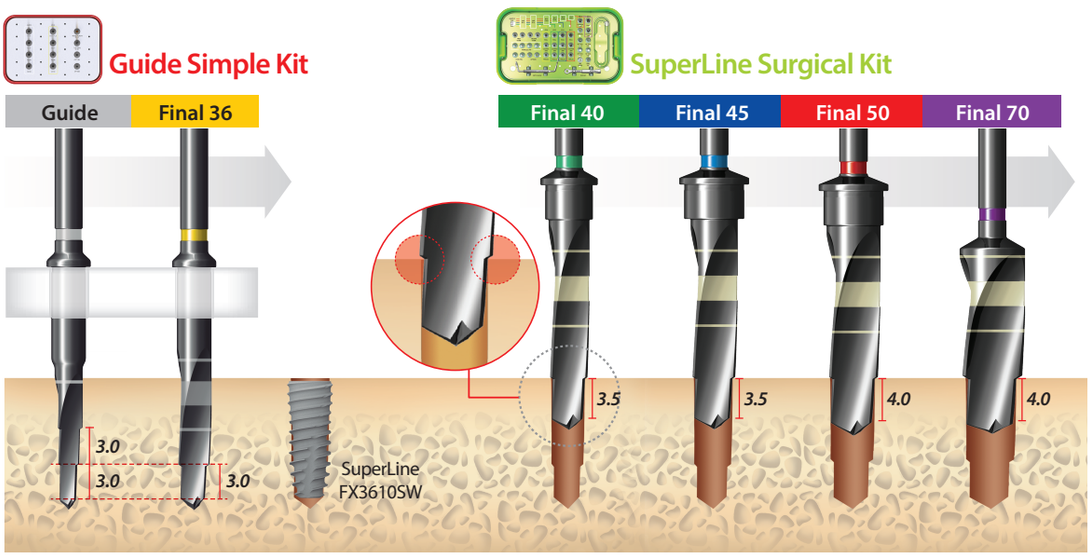




Non-Sleeve Surgical Guide

- Use Simple Guide if the gap on anterior site is narrow.
- Easy drilling access of posterior site by open-sleeve.

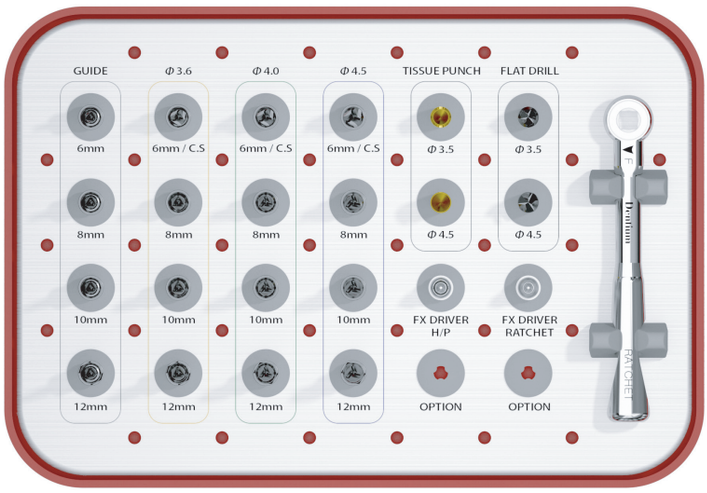
Ø3.0
Narrow Sleeve
Simple Kit



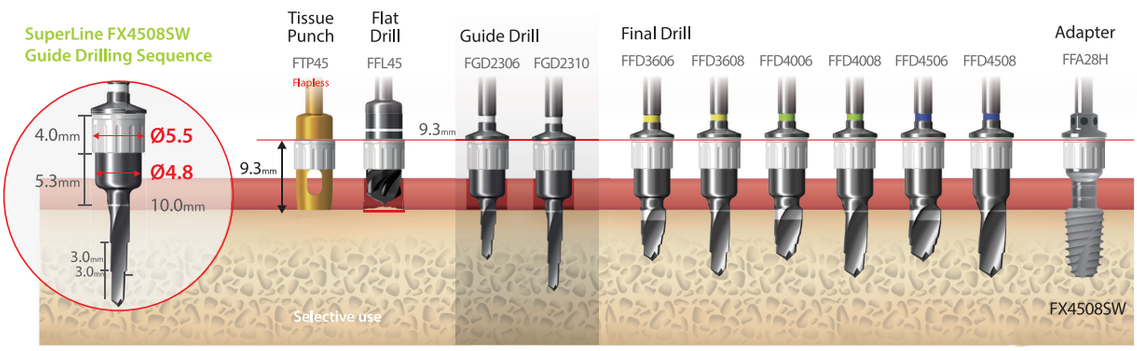
Simple Guided Surgery

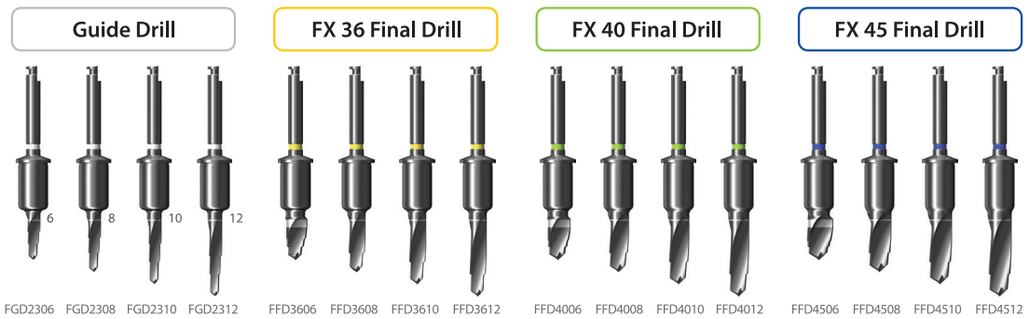
Digital Full Kit

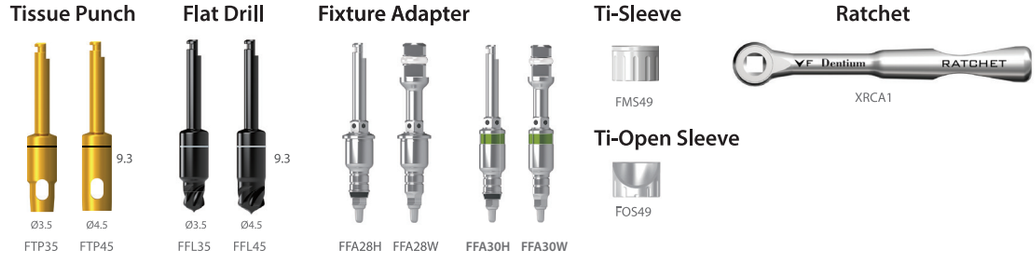
Unit: mm, Scale 1 : 1



XGSFK



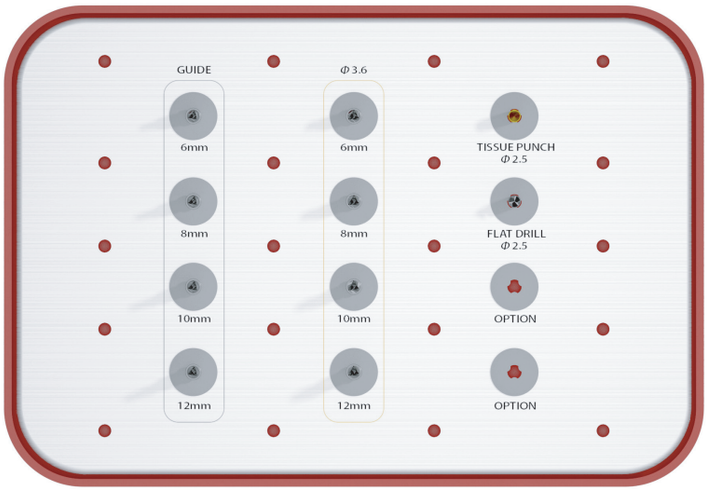




Simple Path & Depth Guided

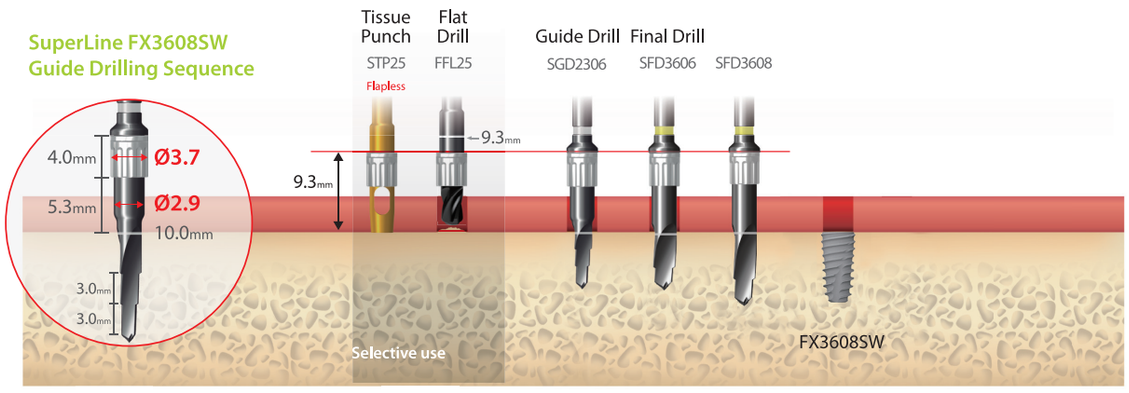
Digital Simple Kit

Unit: mm, Scale 1 : 1

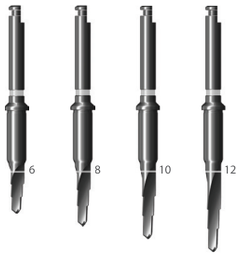


XGSSK

SuperLine FX3608SW
Guide Drilling Sequence

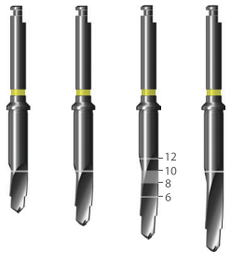


Guide Drill



SGD2306 SGD2308 SGD2310 SGD2312

FX 36 Final Drill



SFD3606 SFD3608 SFD3610 SFD3612

Tissue Punch



STP25

Flat Drill



SFL25

Ti-Sleeve



SMS30

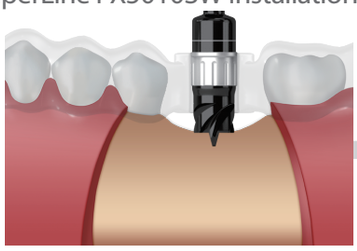
Ti-Open Sleeve



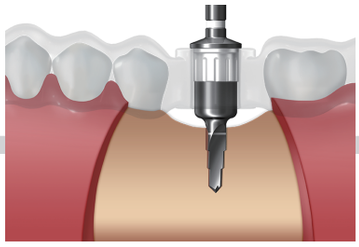
SOS30

Full Kit

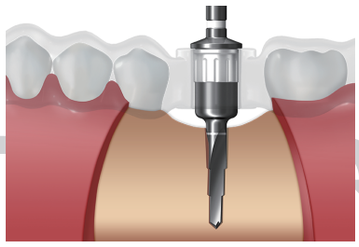
SuperLine FX5010SW Installation



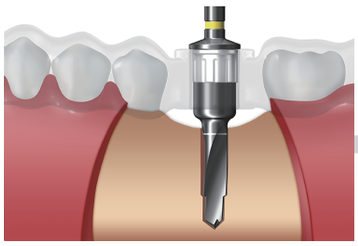
Flat Drill
FFL 45
(1000rpm/30~45N·cm with irrigation)



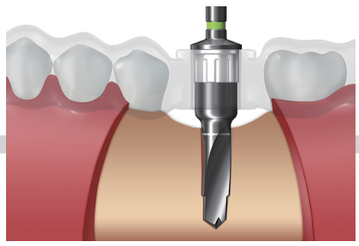
Guide drill with Surgical guide
FGD 2306
(1000rpm/30~45N·cm with irrigation)



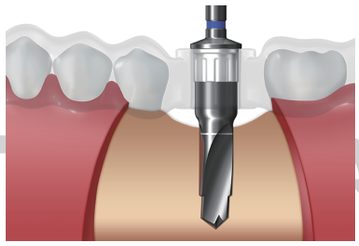
Guide drill with Surgical guide
FGD 2310
(1000rpm/30~45N·cm with irrigation)



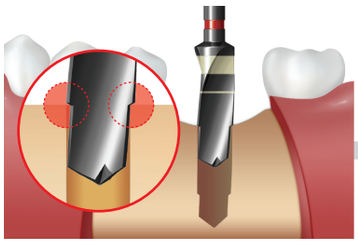
Final drill with Surgical guide
FFD 3610
(1000rpm/30~45N·cm with irrigation)



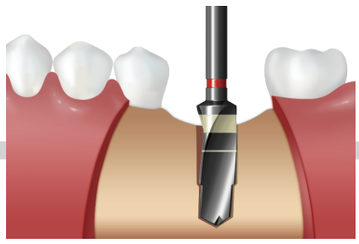
Final drill with Surgical guide
FFD 4010
(1000rpm/30~45N·cm with irrigation)

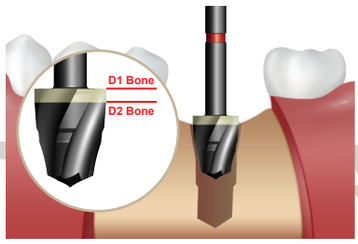


Final drill with Surgical guide
FFD 4510
(1000rpm/30~45N·cm with irrigation)

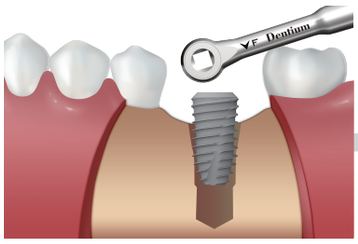


SuperLine Final drill
XFD 5010
(1000rpm/30~45N·cm with irrigation) or
(50rpm/70N·cm without irrigation)

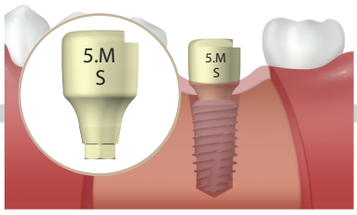




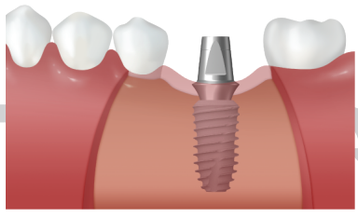
SuperLine Countersink
XCS 5029SW
(50rpm/70N·cm without irrigation)



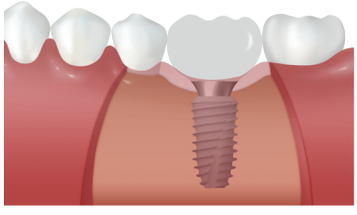
Fixture installation
SuperLine : FX5010SW
(50rpm/70N·cm)



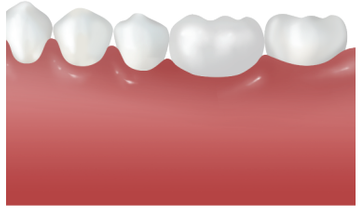
Scan Abutment
Connect Scan Abutment & Take digital impression with intra oral scanner



Abutment selection
Select Stock abutment or Customized abutment regarding tissue condition and occlusion



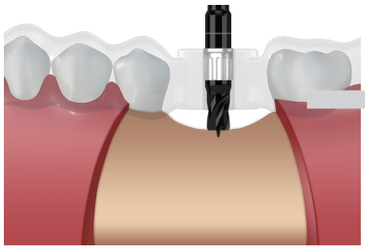
Provisional restoration
Stabilize occlusion & Soft tissue



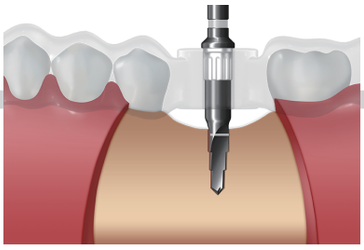
Final prosthesis

Simple Kit

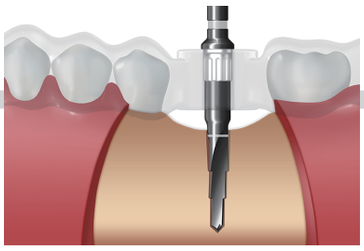
SuperLine FX5010SW Installation



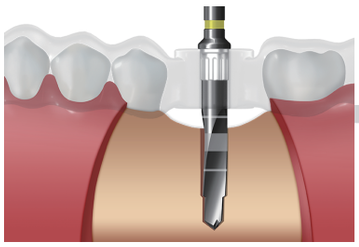
Flat Drill
FFL 25
(1000rpm/30~45N·cm with irrigation)



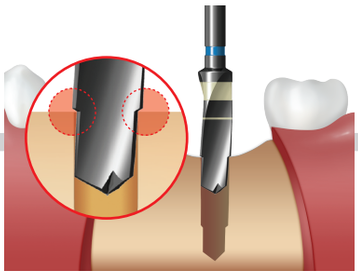
Guide drill with Surgical guide
SGD 2306
(1000rpm/30~45N·cm with irrigation)



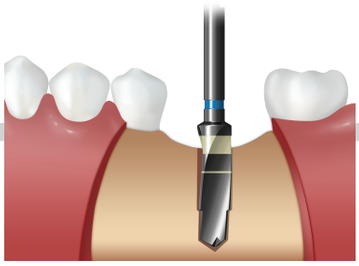
Guide drill with Surgical guide
SGD 2310
(1000rpm/30~45N·cm with irrigation)

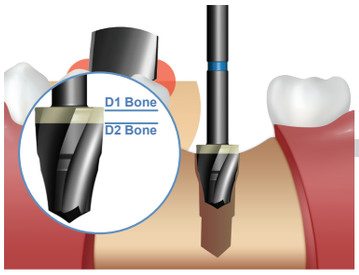


Final drill with Surgical guide
SFD 3610
(1000rpm/30~45N·cm with irrigation)

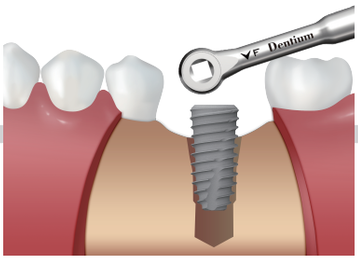


SuperLine Final drill
XFD 4329
(1000rpm/30~45N·cm with irrigation) or
(50rpm/70N·cm without irrigation)

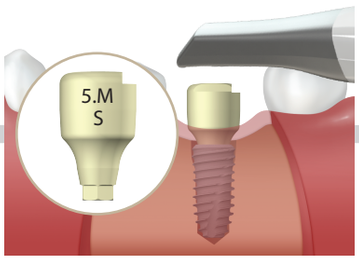




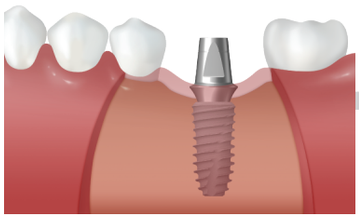
SuperLine Countersink
XCS 4529SW
(50rpm/70N·cm without irrigation)



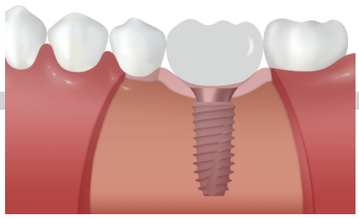
Fixture installation
SuperLine : FX4510SW
(50rpm/70N·cm)



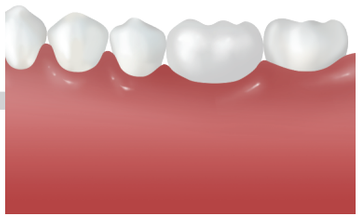
Scan Abutment
Connect Scan Abutment & Take digital impression with intra oral scanner



Abutment selection
Select Stock abutment or Customized abutment regarding tissue condition and occlusion



Provisional restoration
stabilize occlusion & soft tissue

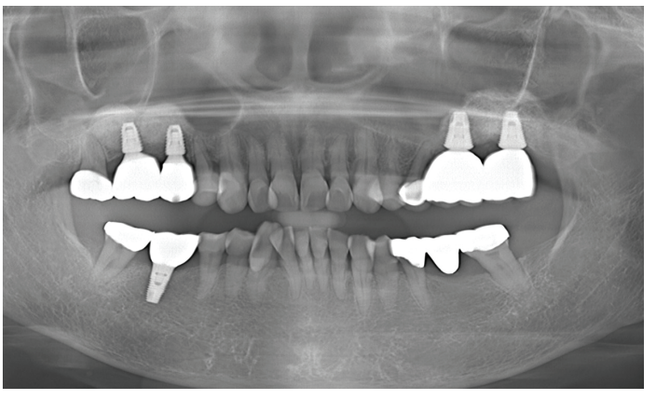


Final prosthesis

Clinical Case

Full kit

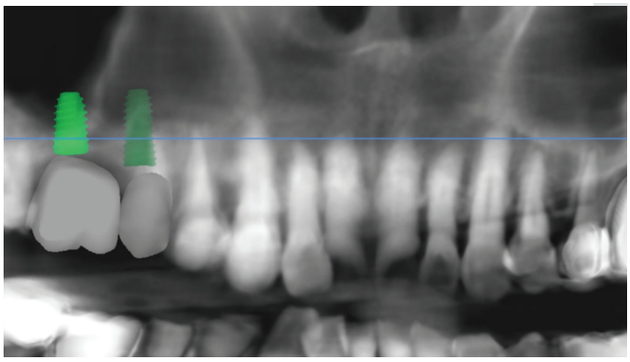
69yrs / Female



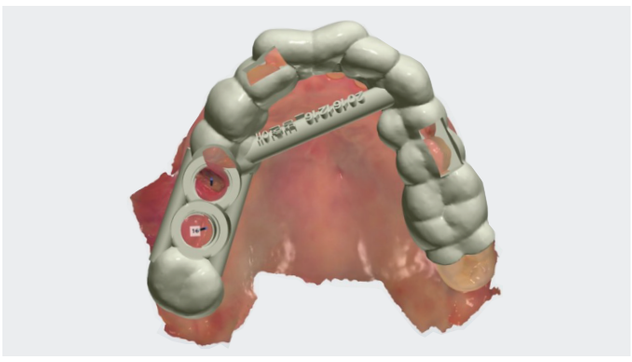
Implanted Parts	#16, 17
Fx Size	SuperLine 4508
Initial Surgery	2016.12.22
Surgery Information	SuperLine, Full Kit

- Implantation using Digital Guide(Full Kit)
-Sinus elevation with Lateral approach

SuperLine FX4508SW Installation



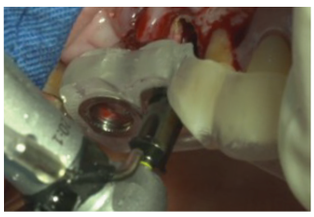
Implant Planning



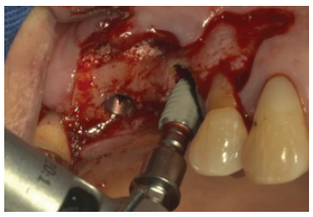
Surgical guide



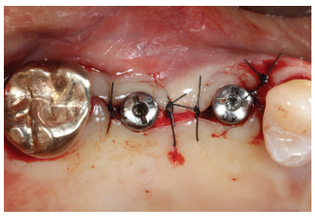
Pre-op



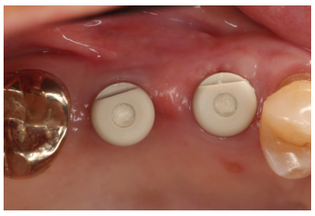
Drilling (Full Kit)



SuperLine (FX4508SW)



Post-op



Healing : 1 month
(Scan Abutment)

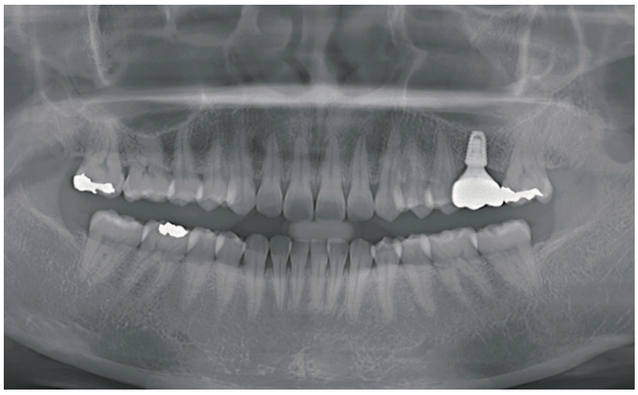


Final Prosthesis

Clinical Case

Simple Kit

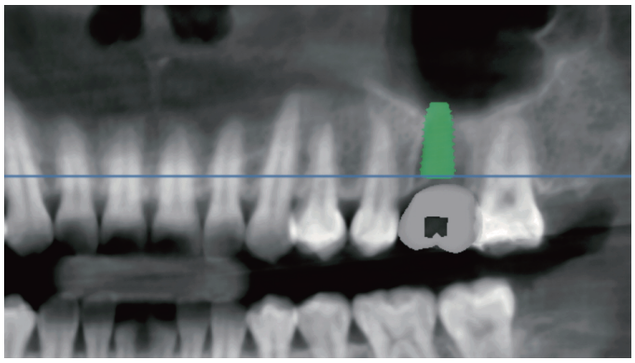
35yrs / Female



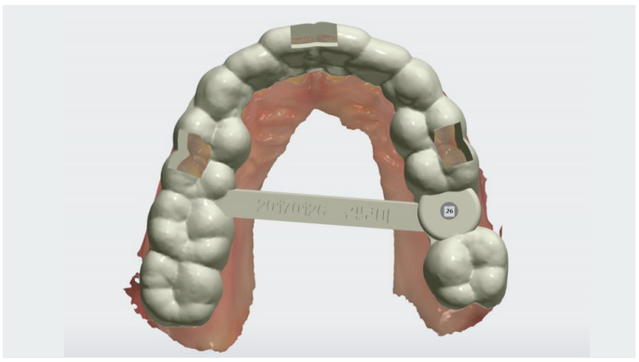
Implanted Parts	#26
Fx Size	SuperLine 4508
Initial Surgery	2017.02.01
Surgery Information	SuperLine, Simple Kit

- Flapless Surgery with Digital Guide(Simple Kit)

SuperLine FX4508SW Installation



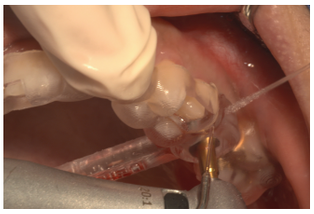
Implant Planning



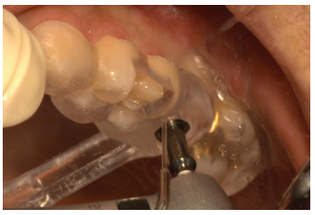
Surgical guide



Pre-op



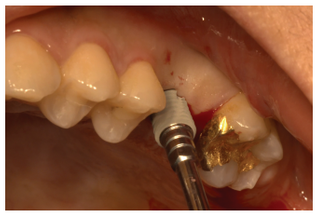
Tissue Punch



Drilling (Simple Kit)



Final Drilling



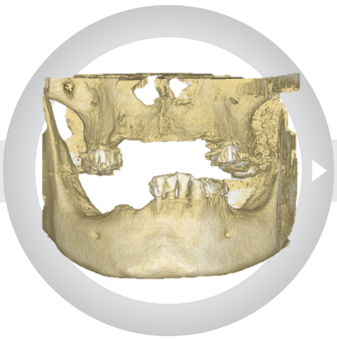
SuperLine(FX4508SW)



Final Prosthesis

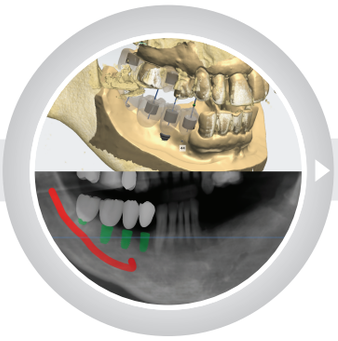
Guided Surgery Process

Dentium Digital Center



1 Dentium Digital Center Scan & Data upload

- CT Scan + Intra Oral or Model Scan
- Study model shipping
- Data upload & Order



2 Planning & Confirmation

- Implant planning
- Surgical guide design



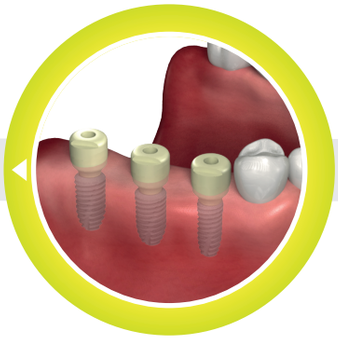
3 Fabrication

- Surgical guide 3D printing



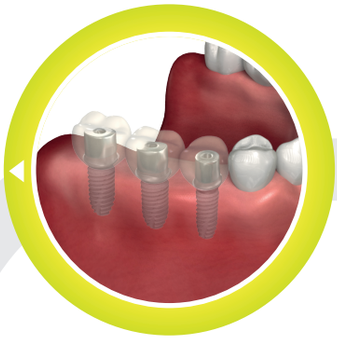
4 Guided Surgery

- Simple Kit or Full Kit



5 Scan Abutment

- Scan & Data uploading



6 Abutment & Temporary

- Stock or Customized Abutment Design
- Temporary Crown



7 Final Prosthesis

Scan Abutment

SuperLine / NR Line Product

Diameter
4 : Ø4
5 : Ø5
6 : Ø6

4.M S

Height
S : 6mm
M : 8mm
L : 10mm

System
S : Super Line
N : NR Line

SuperLine

Diameter	Height	G/H	Type	Art. No.
Ø 4.0	6.0	2.5	Hex	IHAB 40 06 H
	6.0	2.5	Non-hex	IHAB 40 06 N
	8.0	3.0	Hex	IHAB 40 08 H
	8.0	3.0	Non-hex	IHAB 40 08 N
	10.0	3.5	Hex	IHAB 40 10 H
	10.0	3.5	Non-hex	IHAB 40 10 N

Diameter	Height	G/H	Type	Art. No.
Ø 5.0	6.0	2.5	Hex	IHAB 50 06 H
	6.0	2.5	Non-hex	IHAB 50 06 N
	8.0	3.0	Hex	IHAB 50 08 H
	8.0	3.0	Non-hex	IHAB 50 08 N
	10.0	3.5	Hex	IHAB 50 10 H
	10.0	3.5	Non-hex	IHAB 50 10 N

Diameter	Height	G/H	Type	Art. No.
Ø 6.0	6.0	2.5	Hex	IHAB 60 06 H
	6.0	2.5	Non-hex	IHAB 60 06 N
	8.0	3.0	Hex	IHAB 60 08 H
	8.0	3.0	Non-hex	IHAB 60 08 N
	10.0	3.5	Hex	IHAB 60 10 H
	10.0	3.5	Non-hex	IHAB 60 10 N



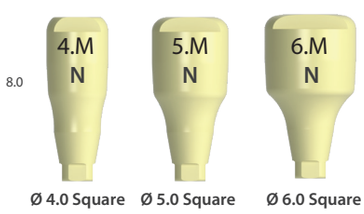
Ø 4.0 Hex | Ø 5.0 Hex | Ø 6.0 Hex

NR Line

Diameter	Height	G/H	Type	Art. No.
Ø 4.0	6.0	2.5	Square	GIHAB 40 06 S
	6.0	2.5	Round	GIHAB 40 06 R
	8.0	3.0	Square	GIHAB 40 08 S
	8.0	3.0	Round	GIHAB 40 08 R
	10.0	3.5	Square	GIHAB 40 10 S
	10.0	3.5	Round	GIHAB 40 10 R

Diameter	Height	G/H	Type	Art. No.
Ø 5.0	6.0	2.5	Square	GIHAB 50 06 S
	6.0	2.5	Round	GIHAB 50 06 R
	8.0	3.0	Square	GIHAB 50 08 S
	8.0	3.0	Round	GIHAB 50 08 R
	10.0	3.5	Square	GIHAB 50 10 S
	10.0	3.5	Round	GIHAB 50 10 R

Diameter	Height	G/H	Type	Art. No.
Ø 6.0	6.0	2.5	Square	GIHAB 60 06 S
	6.0	2.5	Round	GIHAB 60 06 R
	8.0	3.0	Square	GIHAB 60 08 S
	8.0	3.0	Round	GIHAB 60 08 R
	10.0	3.5	Square	GIHAB 60 10 S
	10.0	3.5	Round	GIHAB 60 10 R



Ø 4.0 Square | Ø 5.0 Square | Ø 6.0 Square

Dentium

Dentium

Specifications are subject to change without any notice.
Some products listed in this catalog may not be available in the market due to pending approval.

HEAD OFFICE
#209, 105, Gwanggyo-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea Tel +82-31-888-5431 Fax +82-31-888-5430
www.dentium.com