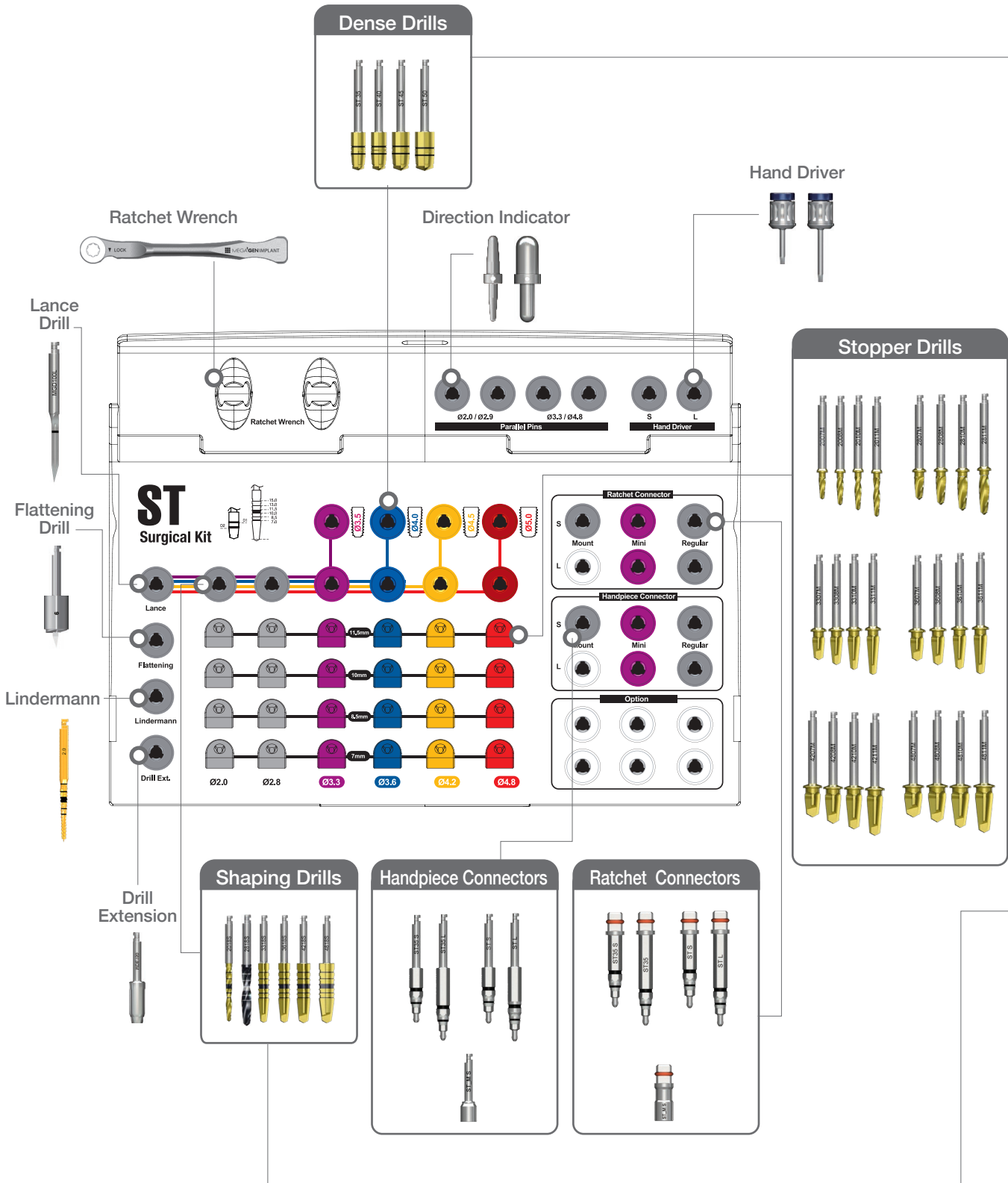


# ST Surgical Kit

Ref.C

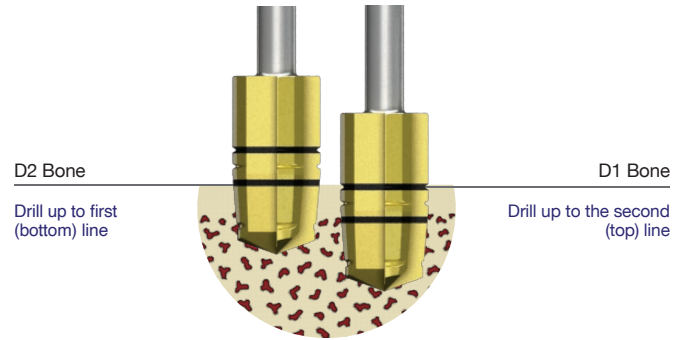
KSTIN3000



Product coordinator : Hyun wook An, rmd\_dir@imegagen.com

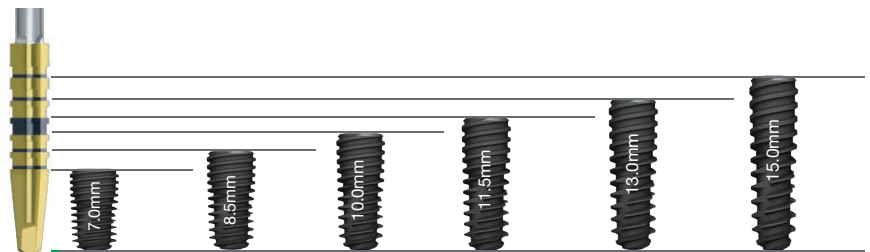
## ○ Dense Drills

- For cutting & shaping cortical bone to secure initial stability in hard bone (D1 & D2)

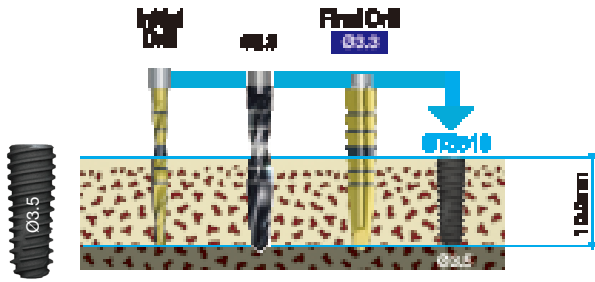


## ○ Shaping Drills

- Depth markings up to 7.0~15.0 mm
- Dual marking system (groove & laser markings) designed for easy recognition of placement depth

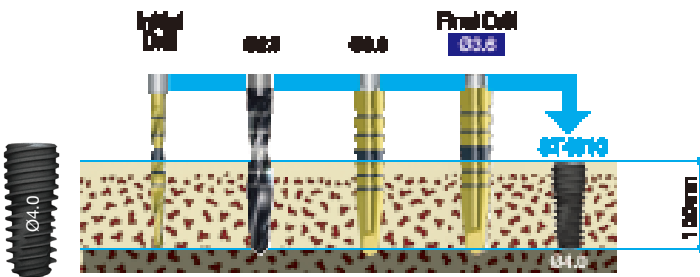


## ▶ ▶ Surgical Drilling Sequence



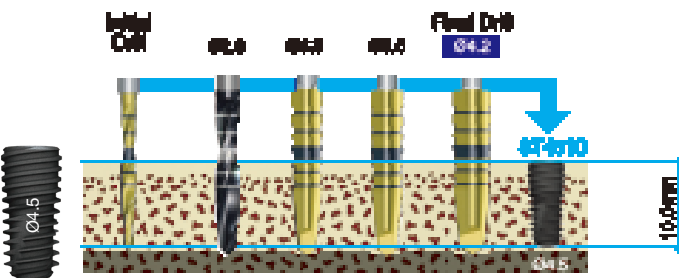
### Ø3.5 Fixture Ø3.5 Drilling Sequence

Actual fixture length is 10.0mm & shaping drill length is 0.59mm, so total drill depth is 10.59mm



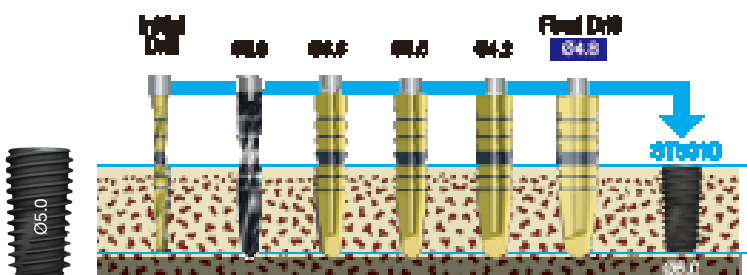
### Ø4.0 Fixture Ø4.0 Drilling Sequence

Actual fixture length is 10.0mm & shaping drill length is 0.68mm, so total drill depth is 10.68mm



### Ø4.5 Fixture Ø4.5 Drilling Sequence

Actual fixture length is 10.0mm & shaping drill length is 0.85mm, so total drill depth is 10.85mm



### Ø5.0 Fixture Ø5.0 Drilling Sequence

Actual fixture length is 10.0mm & shaping drill length is 0.89mm, so total drill depth is 10.89mm

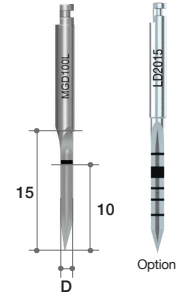
## ➔ ST Surgical Kit Components (Continued)

### Lance Drill

- For easy marking of cortical bone for accurate drilling

Diameter	Type	Ref.C
Ø2.0	Long	MGD100L
	Short	*LD2015
	Long	*LD2025
	Ultra-Long	*LD2030

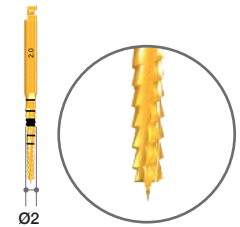
(\*) Separate sales item.



### Lindermann Drill

- For controlling drilling path

Diameter	Ref.C
Ø2	TEEL200M



### Shaping Drill

- Depth markings up to 7.0~15.0mm
- Dual marking system (groove & laser markings) designed for easy recognition of placement depth
- Coated with TiN to resist corrosion & damage

Diameter	Length(mm)	Ref.C
Ø2.0	33	SD2018S
	38	*SD2018M
	43	*SD2018L
Ø2.8	33	SD2818S
	38	*SD2818M
	43	*SD2818L
Ø3.3	33	SD3318S
	38	*SD3318M
	43	*SD3318L
Ø3.6	33	SD3618S
	38	*SD3618M
	43	*SD3618L
Ø4.2	33	SD4218S
	38	*SD4218M
	43	*SD4218L
Ø4.8	33	SD4818S
	38	*SD4818M
	43	*SD4818L

(\*) Separate sales item.



### Dense Drill

- For cutting & shaping cortical bone to secure initial stability in hard bone (D1, D2)
- Coated with TiN to resist corrosion & damage

Diameter	Type	Ref.C
Ø3.9	Long	STDD39
Ø4.3		STDD43
Ø4.8		STDD48
Ø5.3		STDD53



## ➔ ST Surgical Kit Components

### Stopper Drill

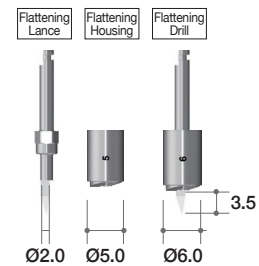
Diameter	Blade Length (mm)	Ref.C
Ø2.0	7	SD2007M
	8.5	SD2008M
	10	SD2010M
	11.5	SD2011M
Ø2.8	7	SD2807M
	8.5	SD2808M
	10	SD2810M
Ø3.3	7	SD3307M
	8.5	SD3308M
	10	SD3310M
	11.5	SD3311M
Ø3.6	7	SD3607M
	8.5	SD3608M
	10	SD3610M
	11.5	SD3611M
Ø4.2	7	SD4207M
	8.5	SD4208M
	10	SD4210M
	11.5	SD4211M
Ø4.8	7	SD4807M
	8.5	SD4808M
	10	SD4810M
	11.5	SD4811M



### Flattening Drill

- For flattening irregular bone so that stopper drill can drill to accurate depth
- To use flattening lance, connect to housing (Ø5.0 & Ø6.0) according to final drill diameter
- Ø5.0 = Stopper Drill Ø2.0~ Ø4.3
- Ø6.0 = Stopper Drill Ø4.8~ Ø5.4
- Boundary is formed by housing & guides position of subsequent fixture drilling

Diameter	Length(mm)	Ref.C
Ø5.0 / Ø2.0	3.5	FD5020
Ø6.0 / Ø2.0		FD6020



### Drill Extension

- For extending length of drill connected to handpiece
- Can be damaged if 45Ncm or higher torque is applied

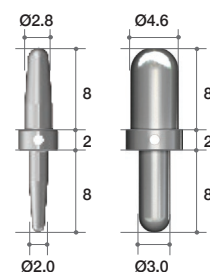
Ref.C
MDE150



### Direction Indicator

- For checking location, direction, & depth of drilled hole

Diameter	Ref.C
Ø2.0 / Ø2.8	MDI100
Ø3.0 / Ø4.6	MDI3348



## Ratchet Wrench

- For applying stronger force than handpiece
- No bearing system: no blood-triggered corrosion, not easily damaged
- Connect to ratchet extension to use
- Arrow on head indicates direction of force to be applied

Ref.C
MRW040S

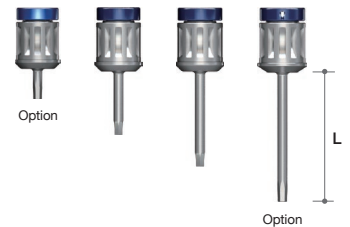


## Hand Driver (1.2 Hex)

- For all cover screws, abutment screws, & healing abutments
- Various lengths available
- Can be used as torque driver after connecting it to torque wrench without separate adapter
- Hex tip is designed to withstand 35~45Ncm torque

Length(mm)	Type	Ref.C
5	*Ultra-short	TCMHDU1200
10	Short	TCMHDS1200
15	Long	TCMHDL1200
20	*Extra-long	TCMHDE1200

(\*) Separate sales item.

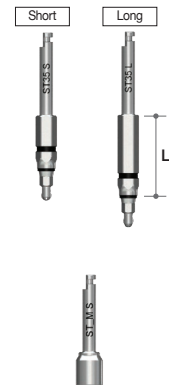


## Handpiece Connector

- For retrieving fixture from ampule & positioning in mouth using handpiece
- Spring-type connection allows easier & safer fixture pick-up & positioning
- First (bottom) mark on shaft indicates position of fixture platform, while second (top) mark indicates distance from fixture platform. Lower part indicates 3.5mm from bone level & upper part indicates 4.5mm as guide for flapless surgery.

Length(mm)	Type	Connection	Ref.C
10	Short	Mini	STHCS21
15	Long	Mini	STHCL21
15	Short	Regular	STHCS25
20	Long	Regular	STHCL25

Length(mm)	Type	Connection	Ref.C
15	Short	Mount	STHCS36M



## Ratchet Connector

- For placing or removing fixture using ratchet wrench
- Check if ratchet wrench & ratchet connector are connected properly before use
- Too much torque can damage internal hex
- First (bottom) mark on shaft indicates position of fixture platform, while second (top) mark indicates distance from fixture platform. Lower part indicates 3.5mm from bone level & upper part indicates 4.5mm as guide for flapless surgery.

Length(mm)	Type	Connection	Ref.C
10	Short	Mini	STRCS21
15	Long	Mini	STRCL21
15	Short	Regular	STRCS25
20	Long	Regular	STRCL25

Length(mm)	Type	Connection	Ref.C
15	Short	Mount	STRCS36M

