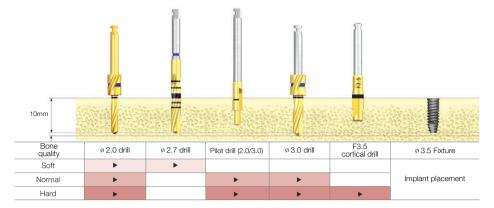
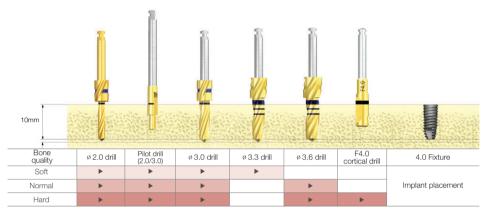
Drill Sequence for TSII Fixture

**** GS KIT, Hanaro KIT User**

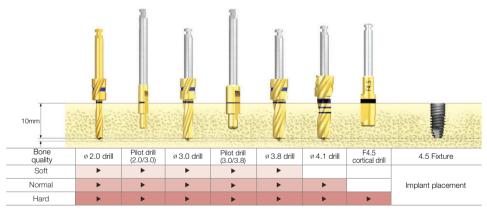
- It can be recommended implant placement 1mm deeply at normal & hard bone / -It can be recommended implant placement bone level at soft bone
- Limited insertion torque : 40Ncm
- Ø 3.5mm Fixture (Length:10mm)



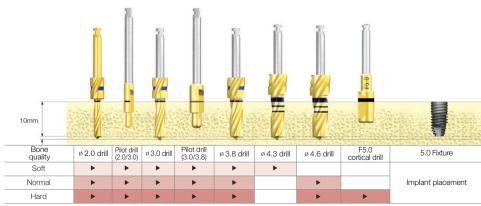
Ø 4.0mm Fixture (Length: 10mm)



Ø 4.5mm Fixture (Length:10mm)



ø 5.0mm Fixture (Length:10mm)





8th FL. WorldMeridian Venture Center II, 426-5, Gasan-dong, Geumcheon-gu, Seoul, Korea tel_ 82 2 2016 7000, fax_ 82 2 2016 7001 homepage_http://www.osstem.com

#507-8, Geoje3-dong, Yeonje-gu Busan, Korea. Zip_ 611-804 tel_ 82 51 850 2500 fax_ 82 51 861 4693

Edition 02 / 2012



TSII implant reduces the bone healing time and has a optimal body design.

- Implantation performance
- · Increase initial stability and insertion feeling • Optimized design for SA surface
- Easy surgical protocol
- Powerful self threading

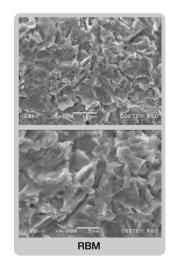


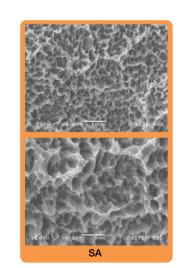
TSII Implant overview

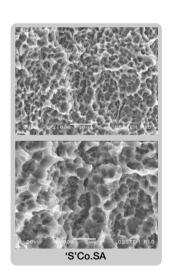
Open Thread Small Thread - Against bone necrosis - 0.8pitch x 0.2depth x double lead - Synchronized thread - Optimized body design for SA surface - Small thread and reinforced wall thickness **Straight Body** - Good initial stability on soft bone - Implantation performance - Easy surgical protocol - Decrease sensitivity on drill size **Corkscrew Thread** - 0.8pitch x 0.5depth(0.35depth) x double lead Sharp Apex design - Good insertion feeling and high initial stability - Enhanced self drilling ability by all macro thread - Easy path change by sharp Apex design

SA surface

Feature of Osstyem SA surface - equivalent level of morphology and roughness with 'S' manufacturer . 45% increase in surface area VS RBM



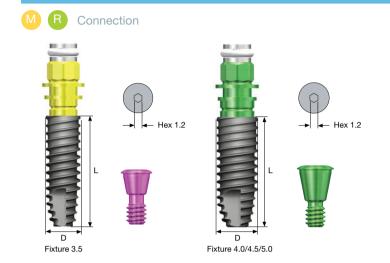




SEM (Scanning Electron Microscope) image

- SA: Sand blasted with alumina and Acid etched surface
 - Optimal morphology: combine crater and micro-pit
 - Optimal surface roughness : Ra 2.5~3.0µm
 - Early cell response : 20% higher than RBM
 - Early bone healing : 20% higher than RBM
 - Load 6~8 weeks after implantation

TSII Fixture Line Up



TSII Fixture Order Code

Fixture Only

- Fixture : Product Code [ex : TS2S4010S]

Pre-Mounted Fixture [Simple Mount]

- Fixture + Mount + Cover Screw : B + Product Code+ Product Code [ex : BTS2S4010S]

* It can be recommended over D 4.5mm at single case of posterior



Connection	Mini
L	ø 3. 5
7	-
8.5	TS2M3508S
10	TS2M3510S
11.5	TS2M3511S
13	TS2M3513S
15	TS2M3515S
11.5	TS2M3511S TS2M3513S

Regular	Diameter Ø 4.0				
					\$ 4.2
7	8.5	10	11.5	13	15

Connection	า	Regular
L	D	ø 4.0
7		TS2S4007S
8.5		TS2S4008S
10		TS2S4010S
11.5		TS2S4011S
13		TS2S4013S
15		TS2S4015S

Regular	Diameter ∅ 4.5				
					9 4.4
7	8.5	10	11.5	13	15

Connection	Regular
L	ø 4. 5
7	TS2S4507S
8.5	TS2S4508S
10	TS2S4510S
11.5	TS2S4511S
13	TS2S4513S
15	TS2S4515S

Regular			Di	ameter	ø 5.0		
	Short				The state of the s	The state of the s	ø 4.9
	6.0	7	8.5	10	11.5	13	15

Connection	Regular
L	ø 5.0
6	TS2S5006S
7	TS2S5007S
8.5	TS2S5008S
10	TS2S5010S
11.5	TS2S5011S
13	TS2S5013S
15	TS2S5015S
6 7 8.5 10 11.5	T\$2\$5006\$ T\$2\$5007\$ T\$2\$5008\$ T\$2\$5010\$ T\$2\$5011\$ T\$2\$5013\$

TSII Implant System Catalog & Manual