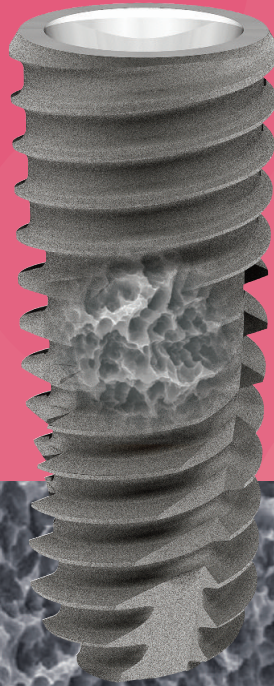




Implant
System

OSSTEM[®]
IMPLANT

OSSTEM[®] SA Surface



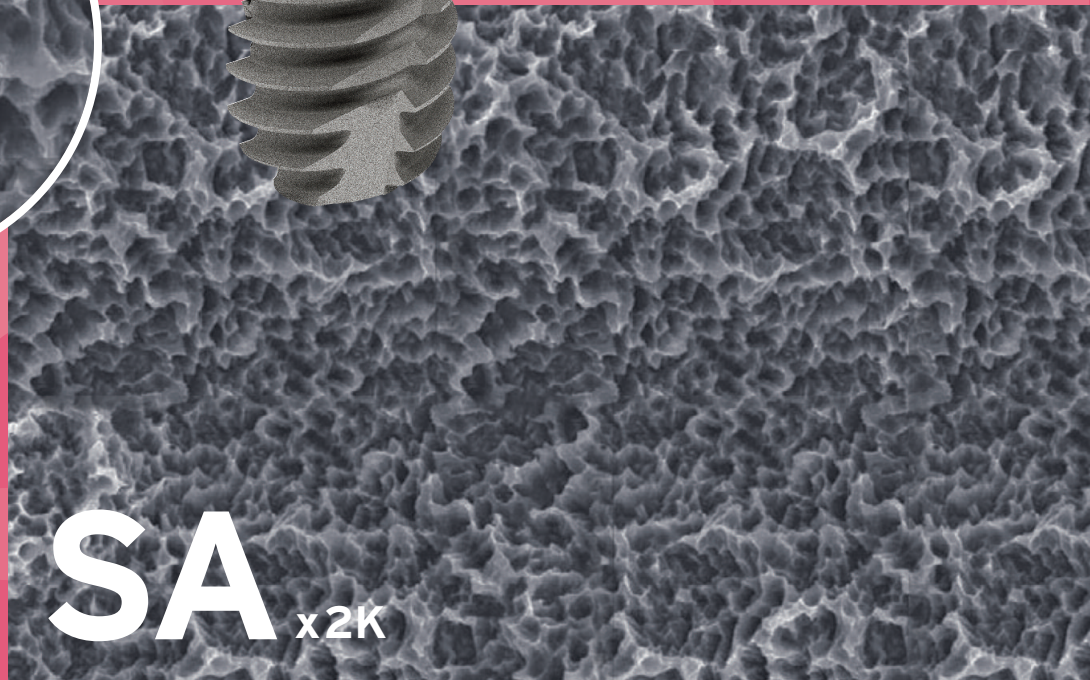
SA: Sand blasted with alumina and Acid-etched surface.

- Optimal morphology: combination of craters and micro-pits.
- Optimal surface roughness: Ra 2.5~3.0 μ m.
- Early cell response: 20% faster than RBM.
- Early bone healing: 20% faster than RBM.
- Early loading can be done after 6 weeks of placement.

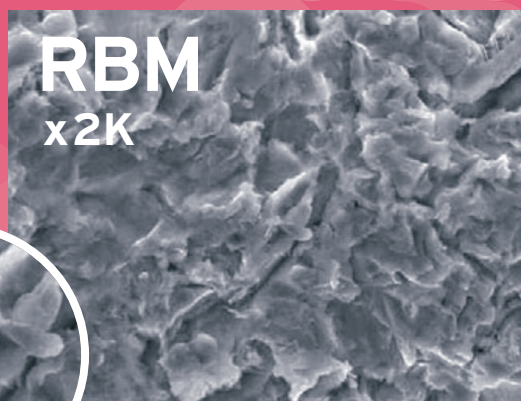


x4K

Osstem SA and 'S' surface morphology and roughness increased by 45% compared to RBM treatment.



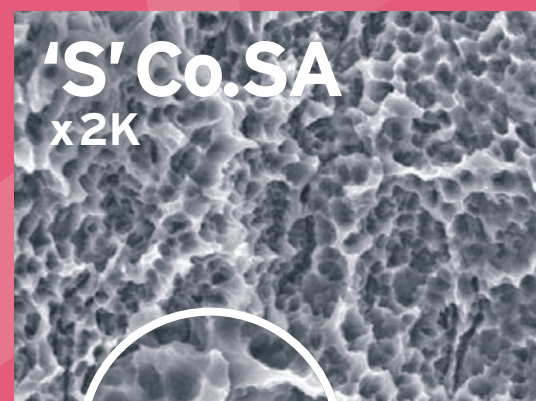
SA x2K



RBM
x2K



x4K



'S' Co.SA
x2K



x4K

TSIII SA

The TSIII SA implant has been developed with the most advanced research and development by Osstem Implant. This is the ultimate implant for any case, as it uses a simple surgical procedure. The featured SA surface allows for quick osseointegration, promoting a quicker healing time. The optimal design gains high initial stability in any bone density. Its vast range of sizes makes it the perfect implant for any patient.

Morse taper
and internal hex
connection

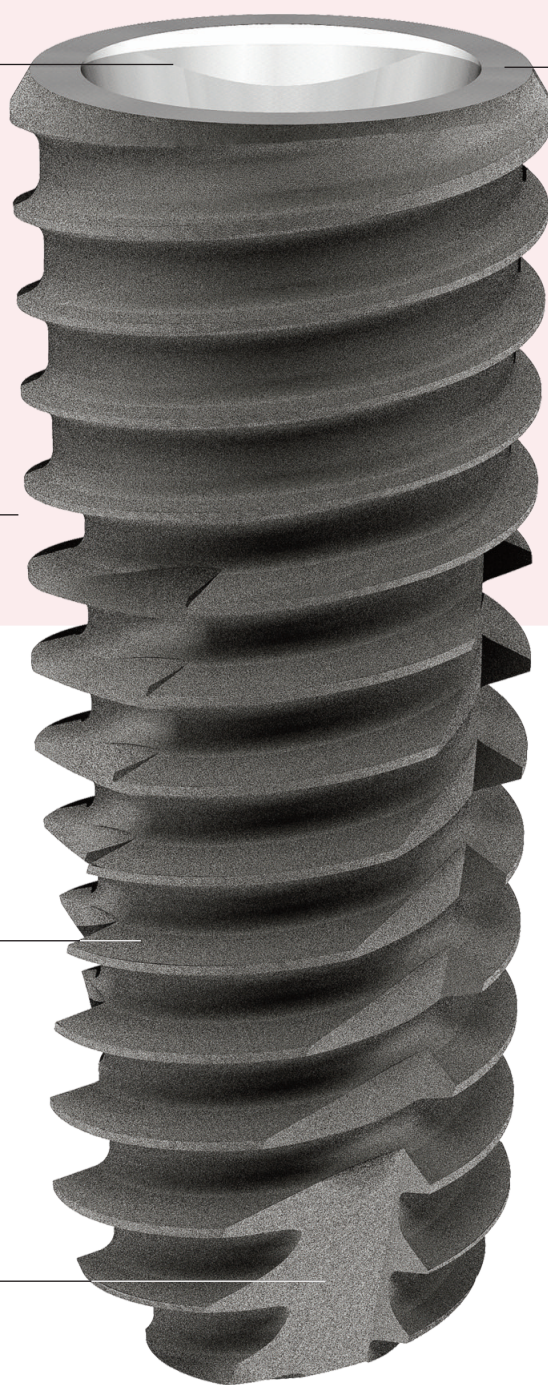


Platform Switching
for preserving bone

Manufactured
using Grade C4
pure Titanium

SA Surface to
enhance biological
healing

Self tapping
and aggressive
threads



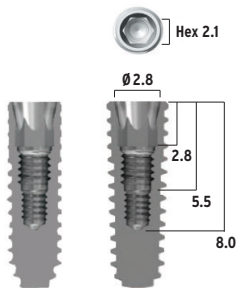
Tapered
design to
provide
excellent
mechanical
stability

TSIII SA

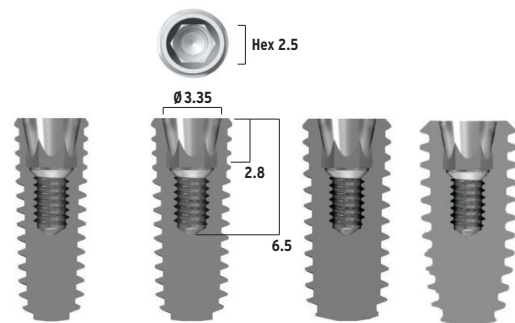
The TSIII SA fixture has two types of abutment connections for a simple restorative procedure. A Mini Connection is used for the Ø3.0 and Ø3.5 implants. All other implants (Ø4.0, Ø4.5, Ø5.0, Ø6.0 and Ø7.0) use Regular Connections. The Mini Connections are highlighted yellow below. In contrast, the Regular Connection can be used with the same abutment for fixtures 4.0 and wider, regardless of the diameter of the abutment. These are highlighted green below.



Mini:
Ø3.0
Ø3.5



Regular:
Ø4.0
Ø4.5
Ø5.0
Ø5.5



NEW

Ø3.0

Hex 2.1



L

8.5

10

11.5

13



Product Code

TS3M3008S

TS3M3010S

TS3M3011S

TS3M3013S

Ø3.5

Hex 2.1



L

8.5

10

11.5

13



Product Code

TS3M3508S

TS3M3510S

TS3M3511S

TS3M3513S

Ø4.0

Hex 2.5



L

7

8.5

10

11.5

13



Product Code

TS3S4007S

TS3S4008S

TS3S4010S

TS3S4011S

TS3S4013S

Ø4.5

Hex 2.5



L

7

8.5

10

11.5

13



Product Code

TS3S4507S

















TS3S4508S

TS3S4510S

TS3S4511S

TS3S4513S

Diagrams not to scale.

Ø5.0 Hex 2.5 	L	6	7	8.5	10	11.5	13
							
Product Code		TS3S5006S	TS3S5007S	TS3S5008S	TS3S5010S	TS3S5011S	TS3S5013S
Ø5.5 Hex 2.5 	L	6	7	8.5	10	11.5	13
							
Product Code		TS3S5506S	TS3S5507S	TS3S5508S	TS3S5510S	TS3S5511S	TS3S5513S

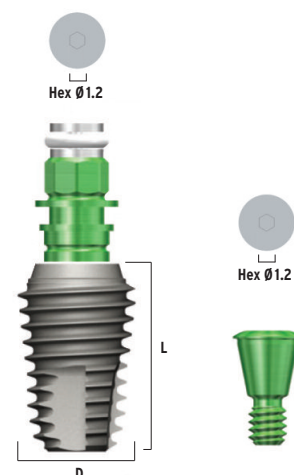
TSIII Ultra-wide

















Fixture only:

Fixture product code (example : TS3S6010S)

Pre-Mounted Fixture (Simple mount)

M + Fixture product code (example : MTS3S6010S)



Ø6.0 Hex 2.5 	L	6	7	8.5	10	11.5	13
							
Product Code		TS3S6006S	TS3S6007S	TS3S6008S	TS3S6010S	TS3S6011S	TS3S6013S
Ø7.0 Hex 2.5 	L	6	7	8.5	10	11.5	13
							
Product Code		TS3S7006S	TS3S7007S	TS3S7008S	TS3S7010S	TS3S7011S	TS3S7013S

Diagrams not to scale.

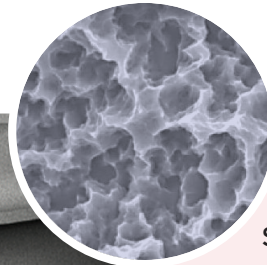
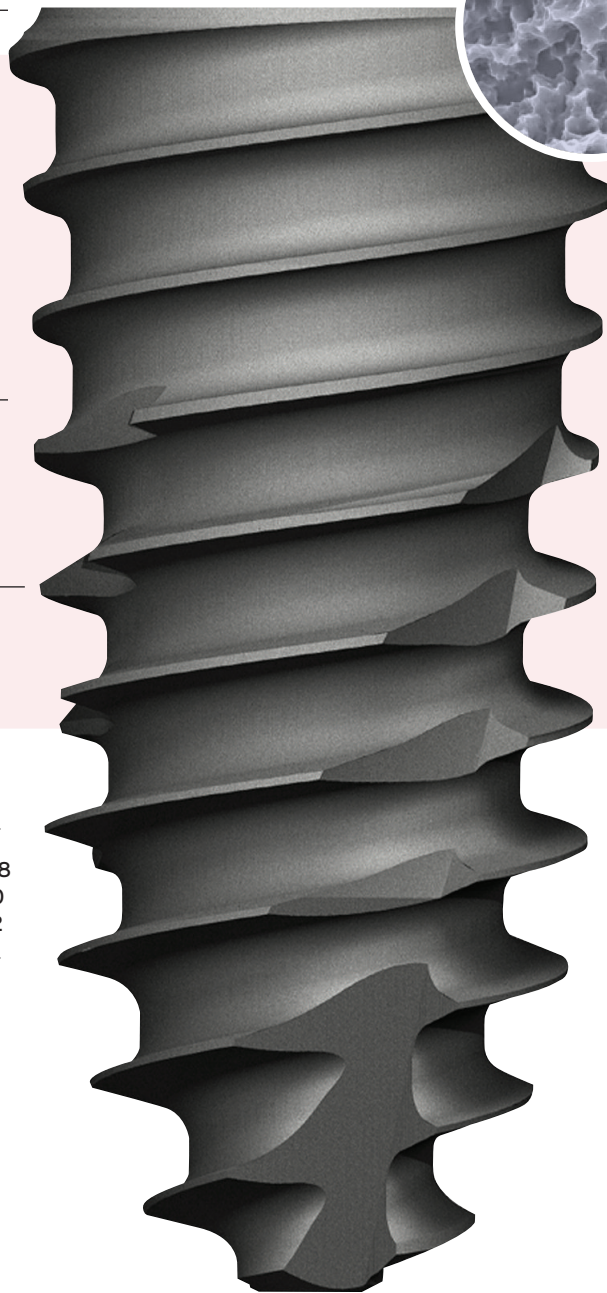
TSIV^{SA}

The implant that
specially performs
in the weaker bone

Small Thread:
Increased
initial stability
in soft bone

Helical
cutting
edge

Corkscrew Thread: $\varnothing 4.0 : 0.8$
Thread: $\varnothing 4.5 : 1.0$
 $\varnothing 5.0 : 1.2$

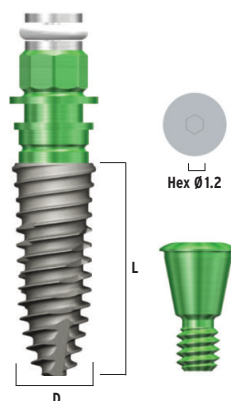


Sand-blasted
acid etching

Increased
taper for
improved
initial
stability

Sharp and
rounded apex

- Increased taper for improved initial stability.
- High success rate, even with poor bone quality.
- Specially developed for maxilla and soft bones.
- Improved initial stability with application of helical cutting, corkscrew thread and sharp rounded apex, allowing the implant to be placed with minimal drilling.
- Submerged-type implant with morse tapered internal hex connection.
- Excellent self-tapping ability.
- Recommended insertion torque: below 40Ncm.





















Fixture only:

Fixture product code
(example : TS3S6010S)

Pre-Mounted Fixture (Simple mount)

M + Fixture product code
(example : **M**TS3S6010S)

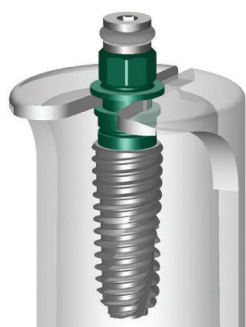
Ø4.0 Hex 2.5 Pitch 0.8 	L	7	8.5	10	11.5	13
						
	Product Code	TS4S4007S	TS4S4008S	TS4S4010S	TS4S4011S	TS4S4013S
Ø4.5 Hex 2.5 Pitch 1.0 	L	7	8.5	10	11.5	13
						
	Product Code	TS4S4507S	TS4S4508S	TS4S4510S	TS4S4511S	TS4S4513S
Ø5.0 Hex 2.5 Pitch 1.2 	L	7	8.5	10	11.5	13
						
	Product Code	TS4S5007S	TS4S5008S	TS4S5010S	TS4S5011S	TS4S5013S

Diagrams not to scale.

TS Packaging

Ampoule user guide

Applying: grip type ampoule to protect TSIII SA surface.



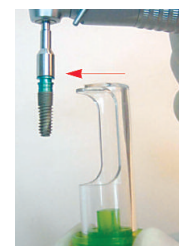
1. Remove the back of the blister (sterilised condition is not guaranteed once the blister is removed).



2. Remove the capsule by rotating.



3. Connect driver - clicks when properly connected.



4. Remove implant from grip holding

122 TAPER KIT

Available for use:

TSIII

SSIII

USIII

Base Components:

Torque Wrench
TW30BDepth Gauge
OSDG