

# IS-II active

Osteoconductivity Implant Surface (S.L.A.)

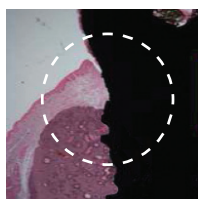
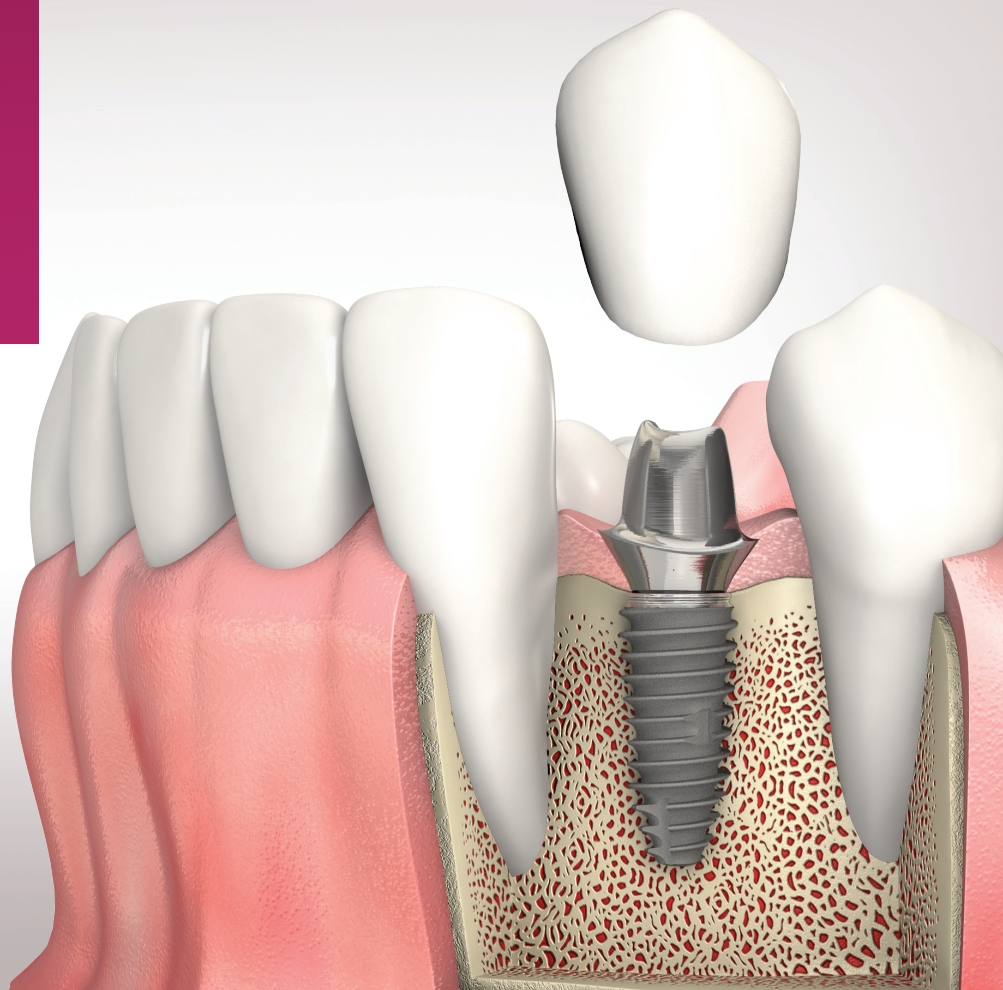
Crestal MacroThread Design

Self-Compactable Apex

Powerful Deep Thread

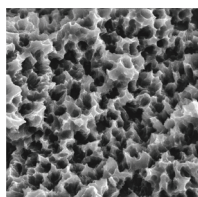
BioSeal Design

Conical Seal 11°



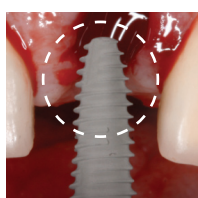
## BioSeal (0.5mm)

Increase sealing of soft tissue and minimize bone loss



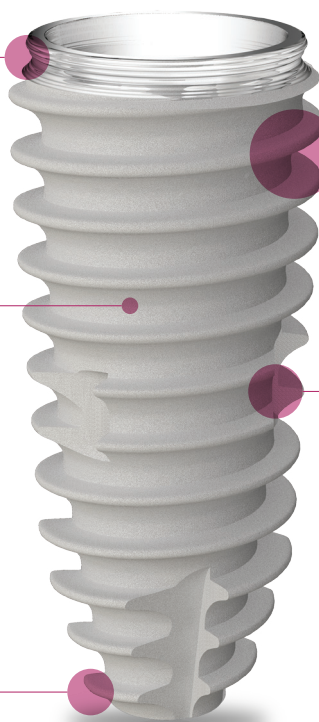
## S.L.A. Surface

Under 50µm Hydroxy Apatite powder blasting and dual acid etching



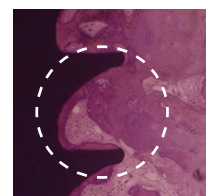
## Apex

Excellent for both immediate placement and immediate loading



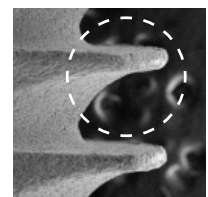
## Coronal Macro Thread (Thread pitch 0.8mm)

Excellent primary stability at cortical bone



## Magic Thread

Specially designed to endure vertical and lateral force



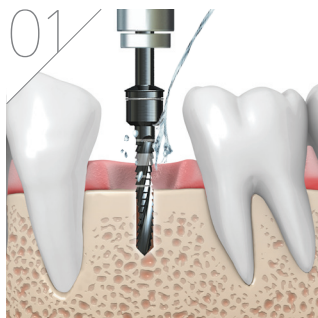
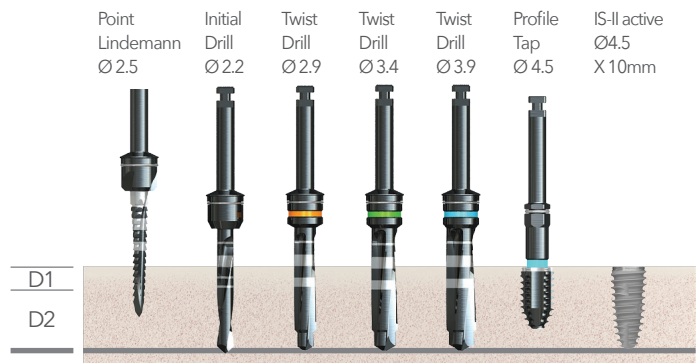
## IS-II active Drilling Sequence Guide

Recommended Drilling speed and torque

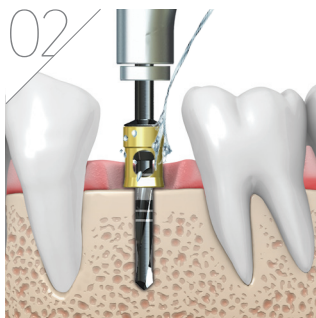
Point Lindemann, Initial Drill, Twist Drill : 1,200rpm / 30~45Ncm

Profile Tap : 50rpm / 50Ncm

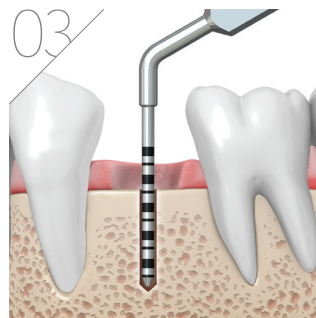
IS-II active Fixture Ø4.5 X 10mm (D1/D2 bone)



Point Lindemann drilling with irrigation  
1,200 RPM, 30 ~ 45Ncm



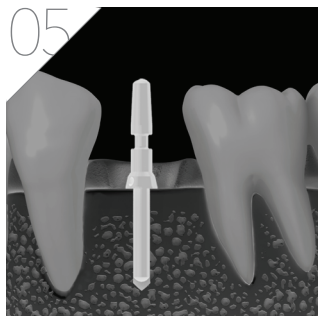
Initial drilling (Ø2.2) with irrigation  
1,200 RPM, 30~45Ncm, 10mm stopper



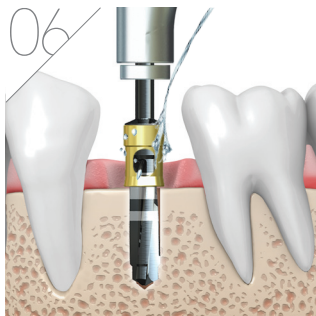
Checking the depth with depth gauge



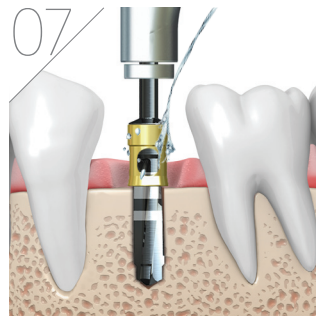
Checking the path with a parallel pin



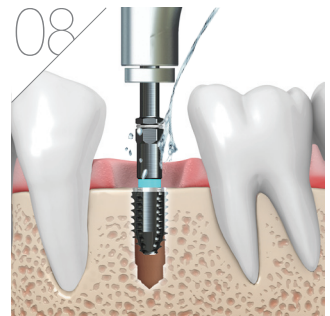
Taking radiography (X-ray)



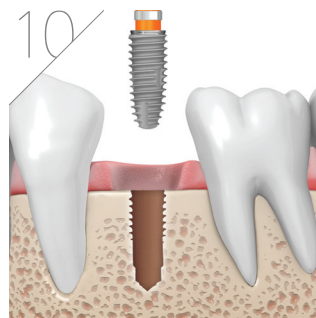
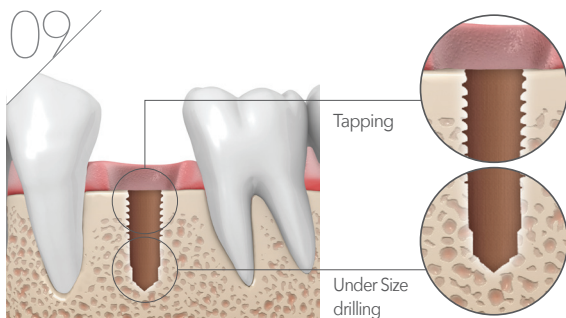
Twist drilling (Ø2.9) with irrigation  
1,200 RPM, 30~45Ncm, 10mm stopper



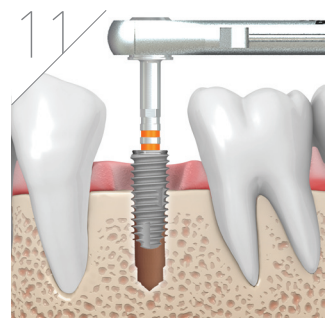
Twist drilling (Ø3.4) with irrigation  
1,200 RPM, 30~45Ncm, 10mm stopper



Profile tapping (Ø4.0) with irrigation  
50 RPM, 50Ncm



Fixture placement with contra angle  
Ø4.5 X 10mm, 25~30 RPM, 35Ncm



When Implant is being placed with torque wrench (35Ncm is suggested with irrigation)

Neobiotech Co.,Ltd

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