

IS-II active

Osteoconductivity Implant Surface (S.L.A.)

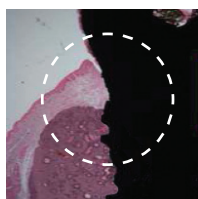
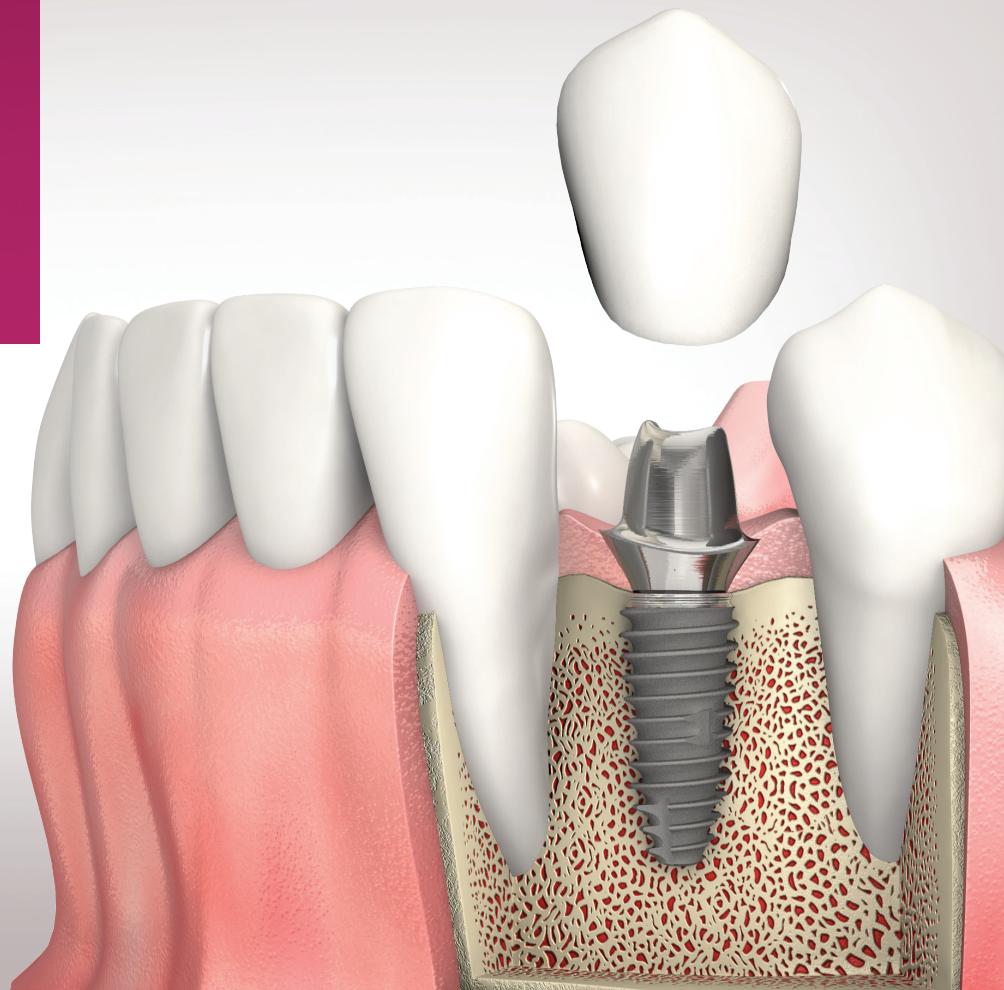
Crestal MacroThread Design

Self-Compactable Apex

Powerful Deep Thread

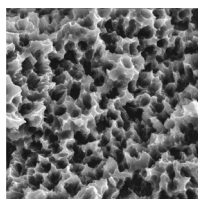
BioSeal Design

Conical Seal 11°



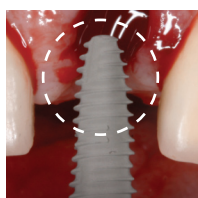
BioSeal (0.5mm)

Increase sealing of soft tissue and minimize bone loss



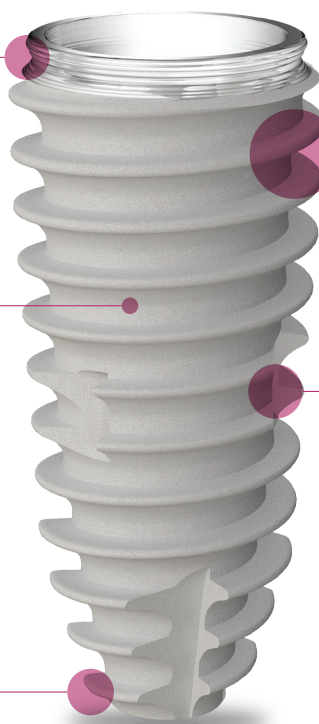
S.L.A. Surface

Under 50µm Hydroxy Apatite powder blasting and dual acid etching



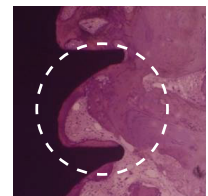
Apex

Excellent for both immediate placement and immediate loading



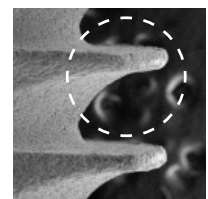
Coronal Macro Thread (Thread pitch 0.8mm)

Excellent primary stability at cortical bone



Magic Thread

Specially designed to endure vertical and lateral force



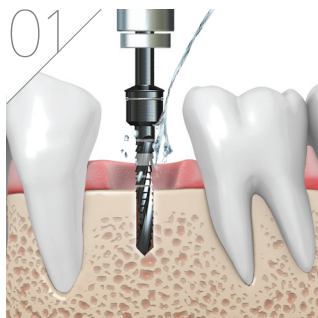
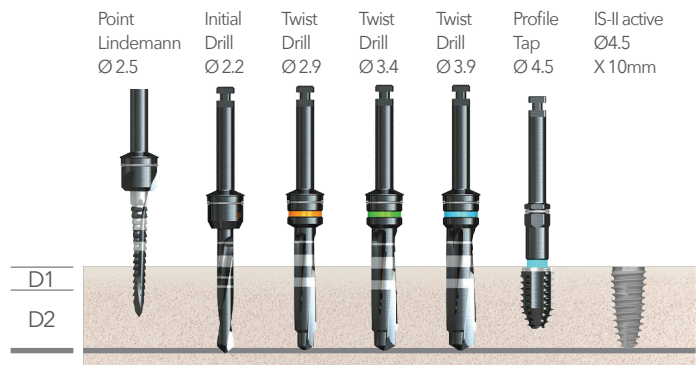
IS-II active Drilling Sequence Guide

Recommended Drilling speed and torque

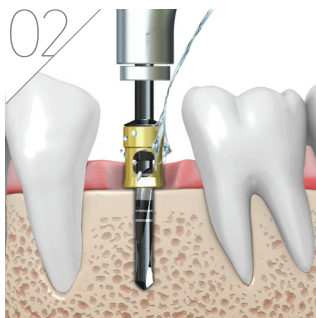
Point Lindemann, Initial Drill, Twist Drill : 1,200rpm / 30~45Ncm

Profile Tap : 50rpm / 50Ncm

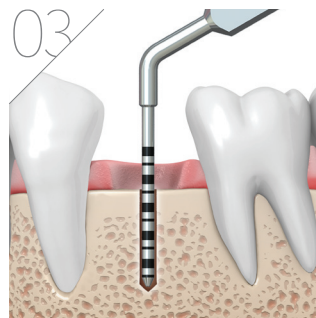
IS-II active Fixture Ø4.5 X 10mm (D1/D2 bone)



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



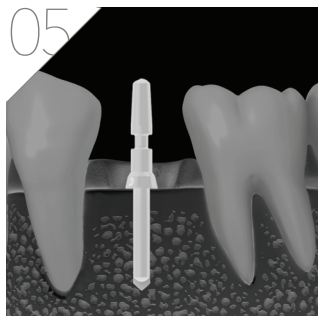
Initial drilling (Ø2.2) with irrigation
1,200 RPM, 30~45Ncm, 10mm stopper



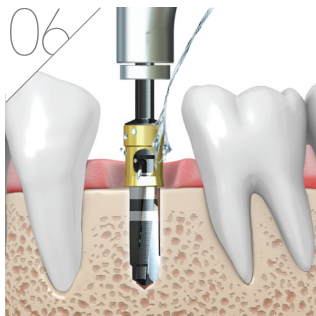
Checking the depth with depth gauge



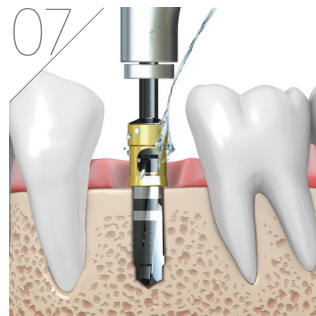
Checking the path with a parallel pin



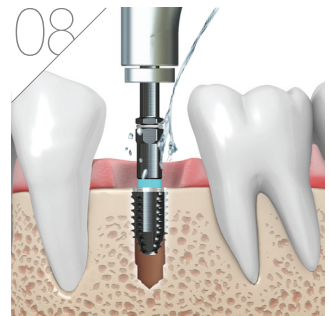
Taking radiography (X-ray)



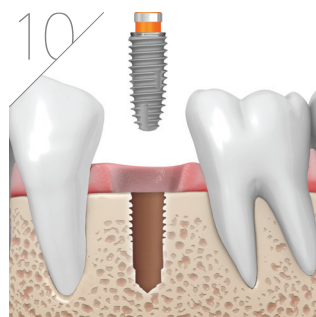
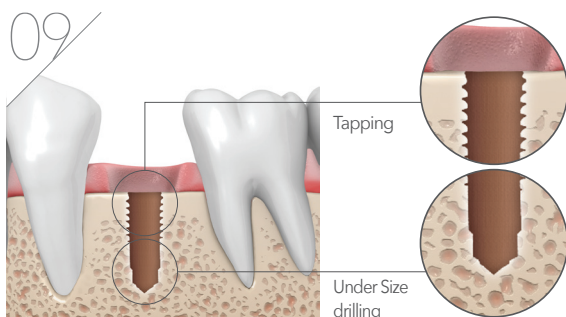
Twist drilling (Ø2.9) with irrigation
1,200 RPM, 30~45Ncm, 10mm stopper



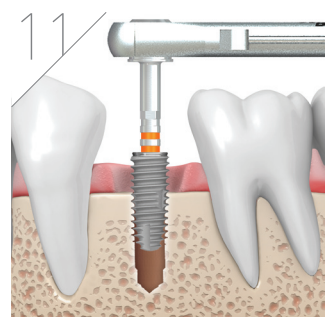
Twist drilling (Ø3.4) with irrigation
1,200 RPM, 30~45Ncm, 10mm stopper



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



Fixture placement with contra angle
Ø 4.5 X 10mm, 25~30 RPM, 35Ncm



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