



Connection

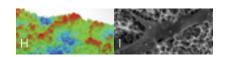
- A. Thicker Platform
- B. Anti-screw Loosening
- C. Abutment Compatibility

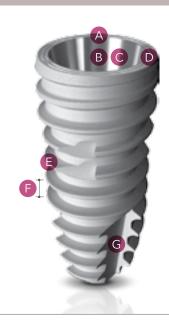
Design

- D. Platform Microgroove
- E. Magic Threads
- **F.** 0.9 Pitch
- **G.** Wide Cutting Edge

Surface

- H. S.L.A. Surface
- I. Cell Adhesion Ability





Microgroove & Connection

Minimize Bone Loss



Platform microgroove

Enhanced soft tissue barrier sealing



Minimize bone loss from soft tissue integration and optimized soft tissue seal



Open threaded bevel



Minimize bone loss & maintain bone level



Successful osseointegration to bone level

Stronger Connection



Maintain connection thickness over



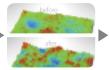
Increased connection strength

S.L.A Surface

Facilitate Osseointegration



Processing technique improved on the S.L.A.



40 percent increased in surface area



Reduced osseointegration time (50 percent increased in cell adhesion)

Wide Cutting Edge

Ideal Initial Fixation



Doubled cutting edge



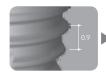
Improved Self-tapping ability while minimizing bone compression



Maximized initial fixation (AnyTime Loading)

0.9 Pitch

Minimize Bone Compression



Increase thread pitch to



Minimal bone compression (Prevents bone necrosis)



Provide optimal condition for osseointegration

IS-III active placement in the posterior mandible



IS-III active fixtures were placed in #45, 46, and 47 with ITV between 35 to 45Ncm. 3 months after surgery, a definitive 3-unit zirconia SCRP FPD were delivered.



IS-III active

Diameter (∅)	Length (mm)
3.5	8.5 / 10.0 / 11.5 / 13.0
4.0/4.5/5.0/5.5/6.0	7.3 / 8.5 / 10.0 / 11.5 / 13.0

