

FUSION[™]

Dental Implant System

FUSION™

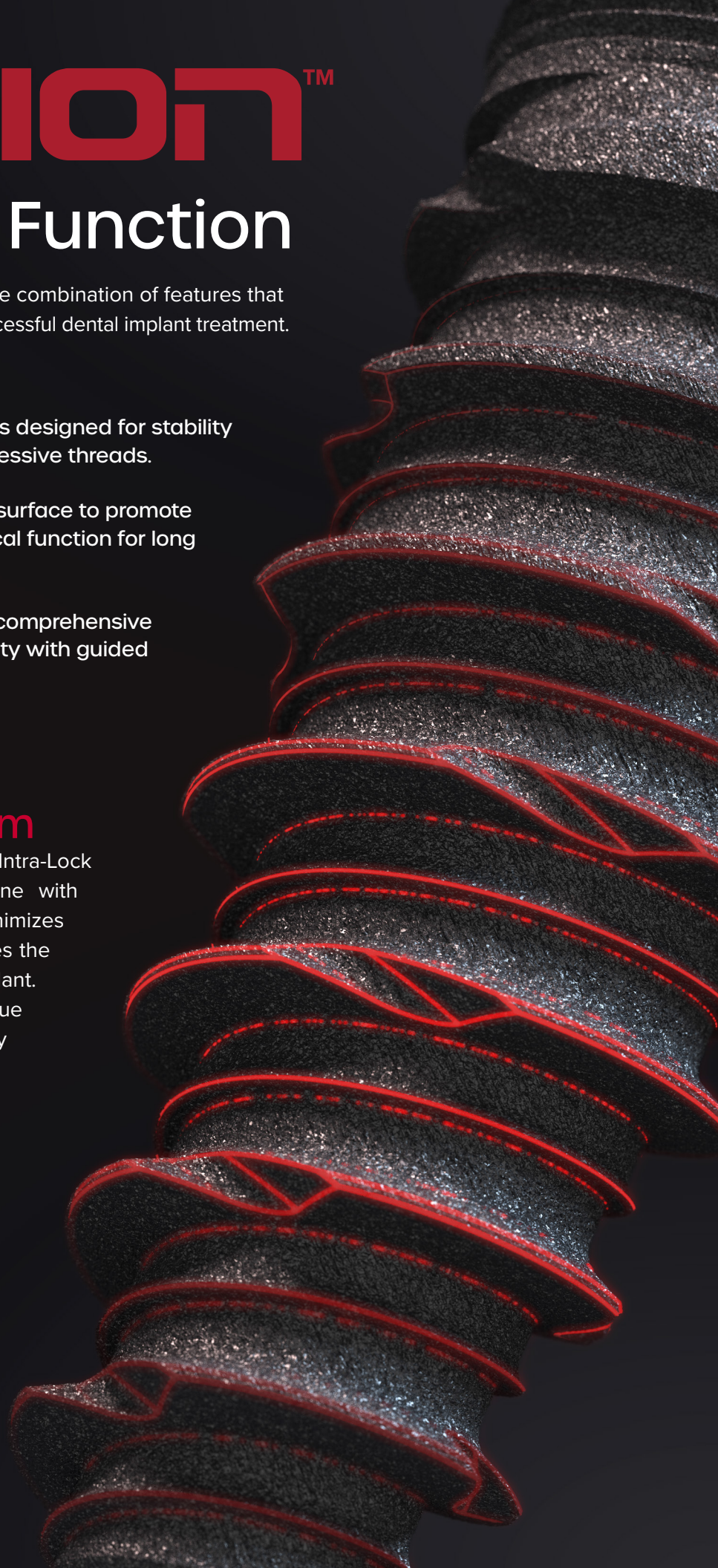
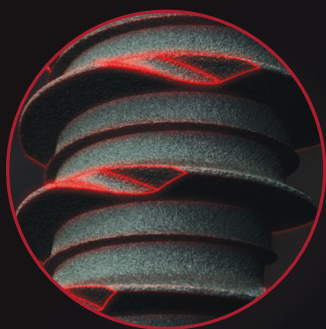
Form meets Function

Fusion implants by Intra-Lock offer a unique combination of features that have been carefully designed to deliver successful dental implant treatment.

- The macro-scale form of the implant is designed for stability with Blossom cutting flutes and aggressive threads.
- The ability of the nano-scale Ossean surface to promote tissue development provides biological function for long term performance and stability.
- The Fusion system is supported by a comprehensive prosthetic portfolio and offers flexibility with guided and free-hand options.

Blossom® threadform

The Blossom cutting design allows for Intra-Lock implants to continually cut through bone with efficiency and minimal force. This minimizes trauma to the tissue, and evenly distributes the cutting force along the full body of the implant. This design functions to lower insertion torque while increasing implant stability and evenly dispersing bone chips along the threads of the implant.¹ This chip dispersion helps generate an autologous micrograft at the implant site, which can promote faster osseointegration.²



CAD/CAM design

Custom abutments can be designed and customized in a digital plan, and then fabricated at a validated CAD/CAM milling center using specialty equipment.



Full-arch solutions

Whether a fixed or removable restoration, partial or full arch, Fusion offers a full range of multi-unit and overdenture abutment options as a solution. Simplified workflows offer ease of use, streamlining even the most challenging indications.



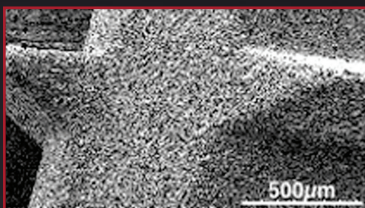
Traditional & Guided

The Intra-Lock surgical kit and comprehensive prosthetic portfolio provide an efficient approach to traditional implant protocols. The Intra-Lock Guided kit allows for the use of digital workflows for implant placement and abutment design.

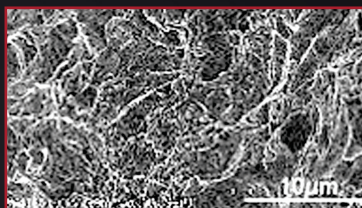


Ossean[®] surface

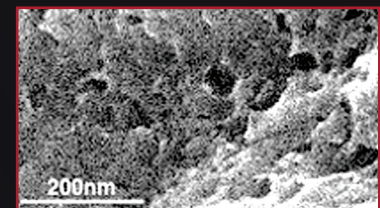
The bio-active structure of the Ossean surface is developed by impregnating calcium phosphate into the implant surface, developing a fractal structure that mirrors its design at all levels of magnification.^{3,4,5} This surface can facilitate fibril attachment, platelet deposition and osteoblast development.⁶ These functions can favorably alter the genetic expression of localized cells and induce faster healing of the implants.⁷



Macro Structure: 100X

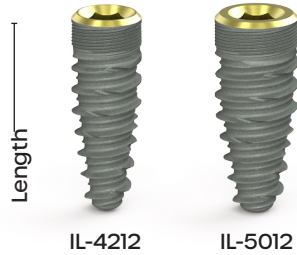
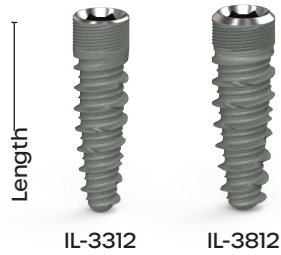


Micro Structure: 5,000X



Nano Structure: 20,000X

Fusion Implants



Platform	Product Description	Ref. No.
Grey	Fusion 3.3 x 10.5mm Implant, Grey Platform, Ossean, Blossom	IL-3310
Grey	Fusion 3.3 x 12mm Implant, Grey Platform, Ossean, Blossom	IL-3312
Grey	Fusion 3.3 x 15mm Implant, Grey Platform, Ossean, Blossom	IL-3315
Grey	Fusion 3.8 x 9mm Implant, Grey Platform, Ossean, Blossom	IL-3809
Grey	Fusion 3.8 x 10.5mm Implant, Grey Platform, Ossean, Blossom	IL-3810
Grey	Fusion 3.8 x 12mm Implant, Grey Platform, Ossean, Blossom	IL-3812
Grey	Fusion 3.8 x 15mm Implant, Grey Platform, Ossean, Blossom	IL-3815
Yellow	Fusion 4.2 x 9mm Implant, Yellow Platform, Ossean, Blossom	IL-4209
Yellow	Fusion 4.2 x 10.5mm Implant, Yellow Platform, Ossean, Blossom	IL-4210
Yellow	Fusion 4.2 x 12mm Implant, Yellow Platform, Ossean, Blossom	IL-4212
Yellow	Fusion 4.2 x 15mm Implant, Yellow Platform, Ossean, Blossom	IL-4215
Yellow	Fusion 5.0 x 7.5mm Implant, Yellow Platform, Ossean, Blossom	IL-5007
Yellow	Fusion 5.0 x 9mm Implant, Yellow Platform, Ossean, Blossom	IL-5009
Yellow	Fusion 5.0 x 10.5mm Implant, Yellow Platform, Ossean, Blossom	IL-5010
Yellow	Fusion 5.0 x 12mm Implant, Yellow Platform, Ossean, Blossom	IL-5012
Yellow	Fusion 5.0 x 15mm Implant, Yellow Platform, Ossean, Blossom	IL-5015

Surgical Kit



Product Description	Ref. No.
Intra-Lock Surgical Kit	IL-SK

- Color coded workflows for ease of use
- Locking design secures instruments during storage and sterilization
- Implant staging area for implant vials during surgery
- Empty spare slots for additional instruments



Scan the QR code to view the list of References in this brochure.

Surgical & Optional Drills



Product Description	Ref. No.
Tapered Surgical Drill, Grey, 2.5mm	TD-25
Tapered Surgical Drill, Purple, 2.8mm	TD-28
Tapered Surgical Drill, Yellow, 3.2mm	TD-32
Tapered Surgical Drill, Green, 3.7mm	TD-37
Tapered Surgical Drill, Red, 4.1mm	TD-41
Tapered Surgical Drill, Blue, 4.5mm	TD-45
Pilot Drill, 1.5mm	PD-15
Tapered Surgical Drill, Grey, 2.0mm	TD-20