SCIENCE MEETS SIMPLICITY

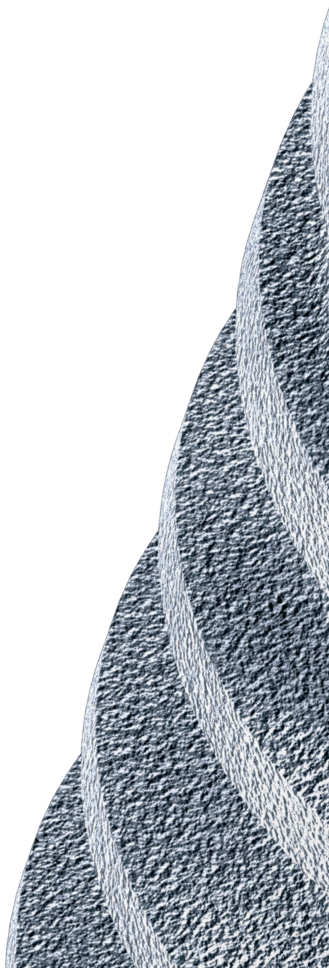
PRIMA

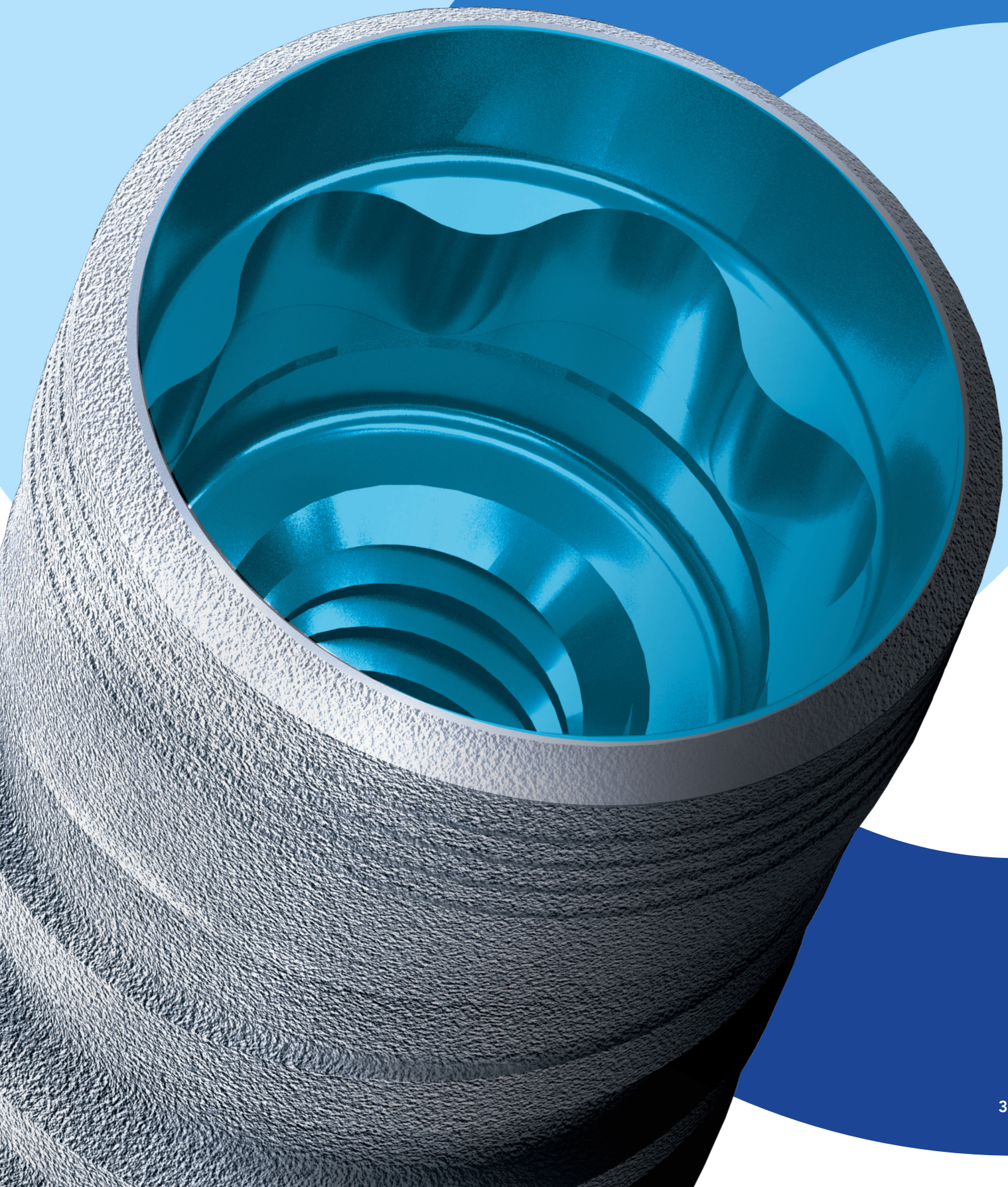
A KeystoneDentalGroup Brand

PRIMA

OVER 15 YEARS

Prima has been the cornerstone of Keystone Dental Group with proven simplicity and versatility for over 15 years. PrimaConnex® implants are designed to simplify the treatment process from surgery to restoration using only one surgical kit, one universal driver and one abutment screw. Prima Plus™ builds on the foundation of PrimaConnex® with an aggressive thread for immediate placement and function specifically designed for demanding clinical procedures, including full-arch rehabilitation.





AGGRESSIVE THREAD

PRIMA PLUS

TL

TILOBE® CONNECTION

A versatile TiLobe® six-lobed, color-coded internal connection provides a stable implant and abutment connection.[1,2]

PLATFORM SWITCH

The platform switch helps to maintain crestal bone and increase soft tissue volume around the implant platform.[3,4,5]

MICROGROOVES

Microgrooves provide even-load distribution for stabilizing and maintaining crestal bone levels.[6]

KLEAN

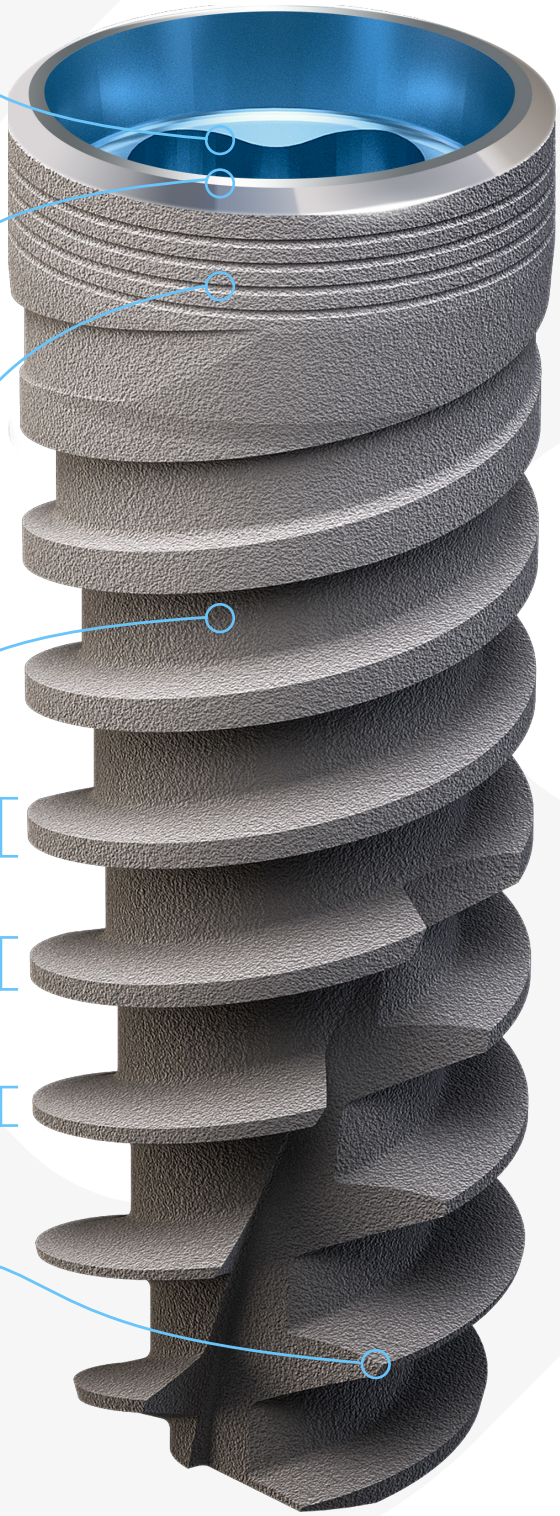
Sandblasted acid-etched surface, with an extensive multi-stage cleaning process, utilizes ultra-pure water (UPW) which removes undesired residues, providing a clean surface and maintaining an intact oxide layer.[7,8,9]

VARIABLE THREADS

Variable threads reduce stress, and the increased surface area enables immediate placement.[10]

AGGRESSIVE THREADS

Aggressive threads promote primary stability, especially in immediate extraction sites and soft bone.[11,12] Apical cutting threads allow for an undersized osteotomy for high initial stability in compromised bone situations.[13]



TL

PRIMA CONNEX

STANDARD V-THREAD

TILOBE® CONNECTION

A versatile TiLobe® six-lobed, color-coded internal connection provides a stable implant and abutment connection.[1,2]

PLATFORM SWITCH

The platform switch helps to maintain crestal bone and increase soft tissue volume around the implant platform.[3,4,5]

COLLAR OPTION

1 mm machined collar or total coverage.

BODY OPTIONS

Parallel walled implant body for increased surface area or tapered implant body to avoid anatomical structures.

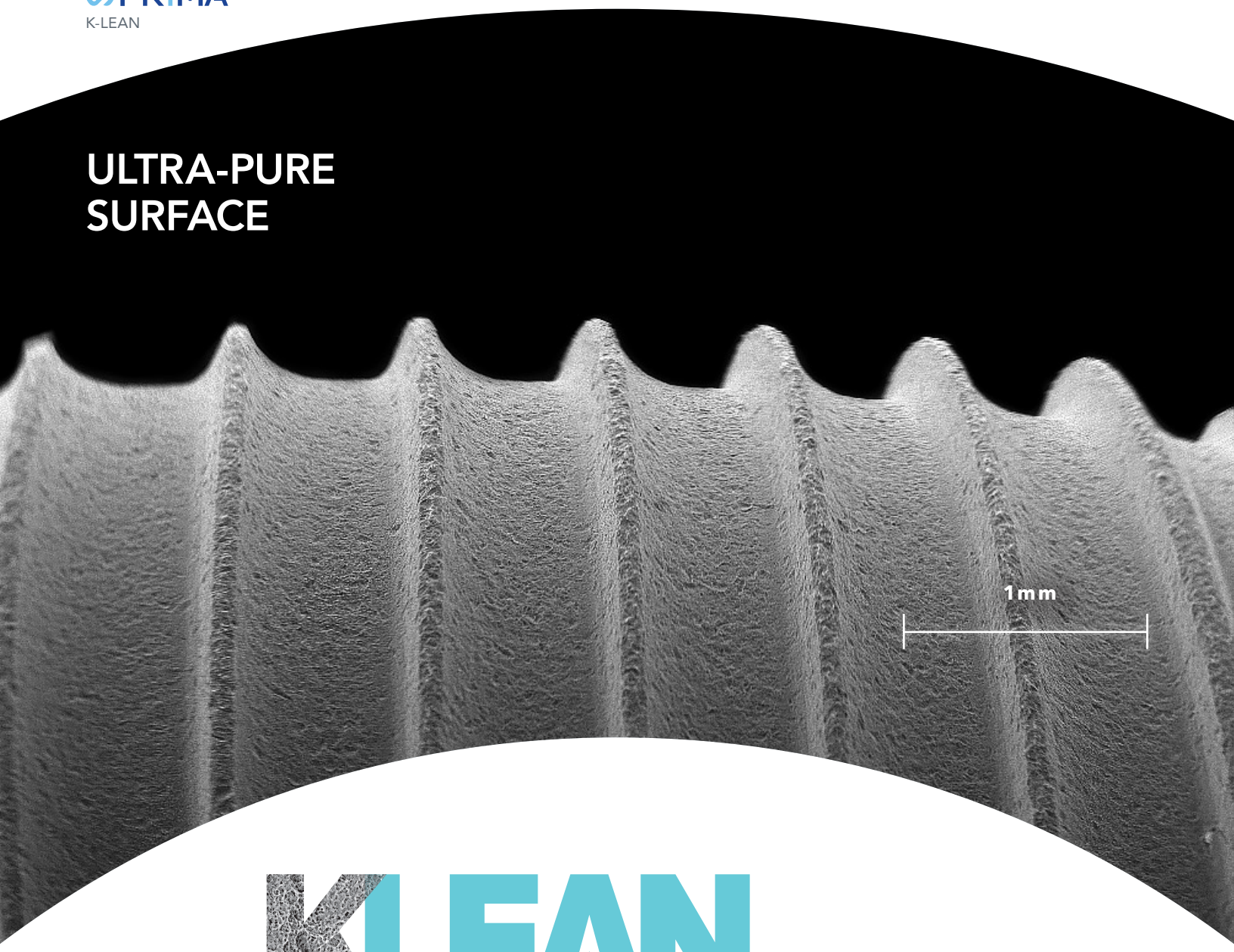
KLEAN

Sandblasted acid-etched surface, with an extensive multi-stage cleaning process, utilizes ultra-pure water (UPW) which removes undesired residues, providing a clean surface and maintaining an intact oxide layer.[7,8,9]

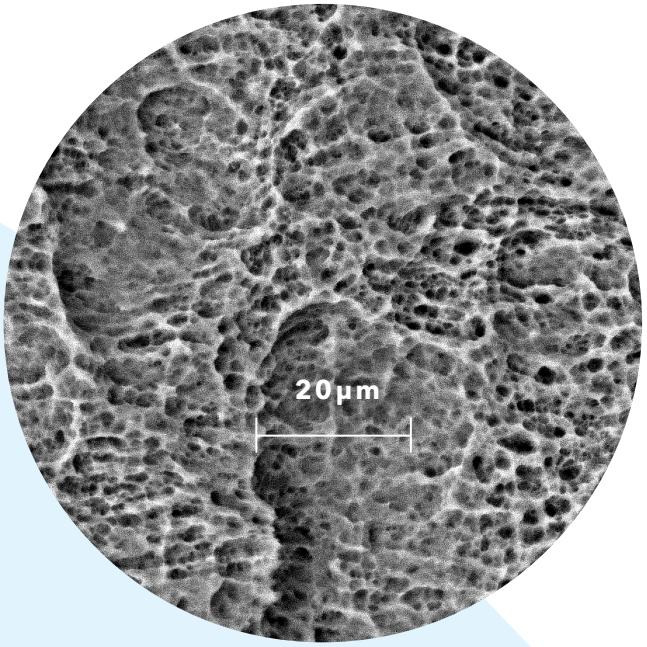
PASSIVE APEX

Passive apex enables safe implant insertion without damage to the surrounding area.

ULTRA-PURE SURFACE



The proprietary K-LEAN™ surface is created by two sequential stages: sandblasting, aimed at creating a porous surface topography, followed by acid etching, intended to generate micro-roughened surface structure. The surface treatment is completed by removing contaminants using ultra-pure water (UPW), a unique process acquired from the semiconductor industry.[7,8,9]



STERILE R

LEADING in patient SAFETY

The innovative implant packaging utilizes a titanium sleeve, designed to prevent potential contamination of the ultra-pure K-LEAN™ surface.

FROM BDIZ EDI JOURNAL REPORT: SEM SURFACE ANALYSES OF 120 STERILE-PACKED IMPLANTS

"PALTOP has decided to consistently clean their products with ultra-pure water (UPW), which is rather expensive to produce, compared to regular demineralized water, and is otherwise mostly employed by the semiconductor industry. XPS analyses of the implant surface thus cleaned show no traces of sulphur, silicon, zinc or chlorine, inorganic impurities frequently found in the XPS analyses of the sandblasted and acid-etched surfaces of implants by other manufacturers. The corresponding EDX analysis shows only the typical elements for grade 5 titanium..."[8]

PRIMA PLUS™

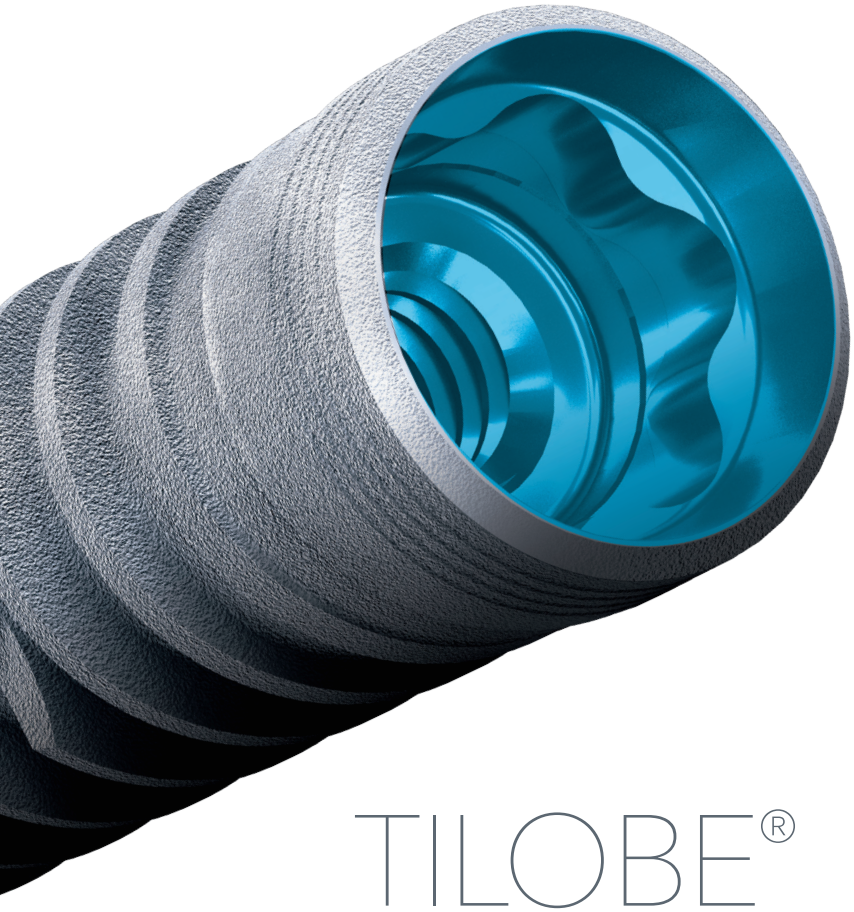
FULLY GUIDED SURGICAL KIT

The state-of-the-art Prima Plus™ Guided Surgical Kit includes a surgical handpiece and an innovative Digital Guidance Sleeve (DGS) delivering an accurate handpiece-based guidance system. The design of the DGS provides continuous direct irrigation to the drill and eliminates contact between the drilling flutes and the guide sleeve, avoiding metal shaving in the osteotomy. The efficient surgical approach offers surgical guide sleeves in two diameters for ideal spacing, dedicated final drills with a fixed offset for diameters of Ø 3.5, Ø 4.1, and Ø 5.0 resulting in an accurate and predictable surgical outcome.

DGS
DIGITAL GUIDANCE SLEEVE

DIGITAL INNOVATION

The pioneering Digital Guidance Sleeve (DGS) engages into the handpiece and eliminates the need for drill keys. Increased entry-angle flexibility allows for access in limited-posterior inter-arch spaces. The DGS protects the osteotomy from inadvertent metal shavings while allowing for copious direct irrigation.



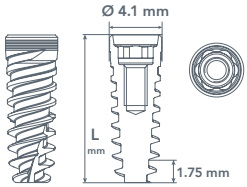
TILOBE®

OVER A DECADE OF RESTORATIVE PREDICTABILITY

The TiLobe® connection, with over a decade of restorative predictability, provides unlimited analog and digital flexibility. The self-sealing conical taper minimizes the microgap between implant and abutment, maintaining bone and soft tissue health.[1] The rounded six-lobe design provides even-load distribution and a solid anti-rotation mechanism while the built-in platform shift across all diameters, stabilizing bone and soft tissue.[2,4,14]

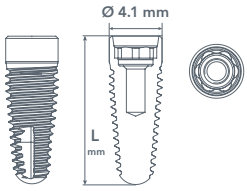
IMPLANT SPECIFICATIONS

PRIMA PLUS



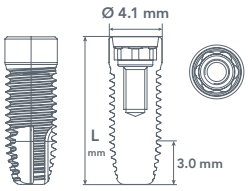
TL	SD Ø 3.5 mm	RD Ø 4.1 mm	WD Ø 5.0 mm	WD Ø 6.0 mm
8 mm	15730K	15735K	15740K	15745K
10 mm	15731K	15736K	15741K	15746K
11.5 mm	15732K	15737K	15742K	15747K
13 mm	15733K	15738K	15743K	15748K
15 mm	15734K	15739K	15744K	—

PRIMA CONNEX



TAPERED

TL	SD Ø 3.5 mm		RD Ø 4.1 mm		WD Ø 5.0 mm	
	1 mm	TC	1 mm	TC	1 mm	TC
8 mm	—	—	—	—	—	—
10 mm	15413K	15613K	15417K	15617K	15421K	15621K
11.5 mm	15414K	15614K	15418K	15618K	15422K	15622K
13 mm	15415K	15615K	15419K	15619K	15423K	15623K
15 mm	15416K	15616K	15420K	15620K	15424K	15624K



STRAIGHT

TL	SD Ø 3.3 mm		RD Ø 4.0 mm		WD Ø 5.0 mm	
	1 mm	TC	1 mm	TC	1 mm	TC
8 mm	—	—	15429K	15629K	15434K	15634K
10 mm	15425K	15625K	15430K	15630K	15435K	15635K
11.5 mm	15426K	15626K	15431K	15631K	15436K	15636K
13 mm	15427K	15627K	15432K	15632K	15437K	15637K
15 mm	15428K	15628K	15433K	15633K	—	—

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