

kataradental®
PUTS THE SMILE BACK ON®



BIOHORIZONS®
SCIENCE • INNOVATION • SERVICE

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Made in
the USA

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TAPERED PRO IMPLANT SYSTEM WITH LASER-LOK®

Predictable, immediate results

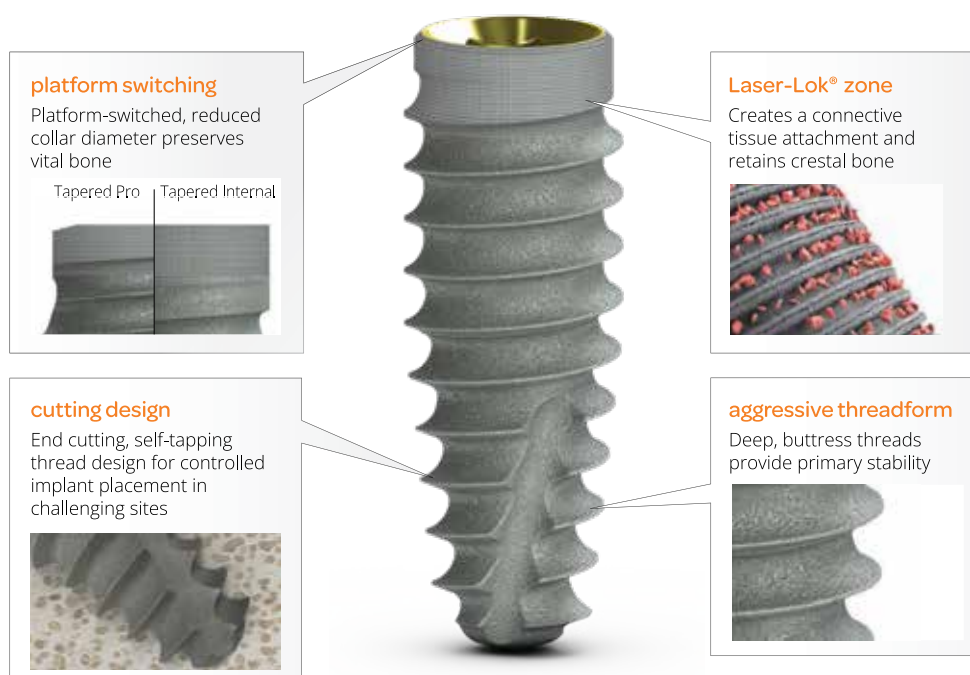
BioHorizons Tapered Pro dental implants deliver predictable results for immediate treatment. The tapered body and aggressive, self-tapping buttress threads provide progressive insertion torque and compressive loading for primary stability while helical cutting flutes promote self-tapping and disperse bone chips. The Tapered Pro's reduced collar diameter minimizes stress on cortical bone and eliminates the need for crestal bone drills. The unique Laser-Lok microchannels create a connective tissue attachment and retain crestal bone, allowing better control of esthetic outcomes.



PRODUCT SPECIFICATIONS

MATERIAL	Titanium Alloy (Ti-6Al-4V ELI)
SURFACE	Resorbable Blast Texturing (RBT) with Laser-Lok Collar
PROSTHETIC OPTIONS	Comprehensive line of stock & customised abutments
PRODUCT CODE	BTA

body diameter	3.8mm	4.2mm	4.6mm	5.2mm
prosthetic connection	3.0mm	3.5mm	3.5mm	4.5mm
Laser-Lok zone	1.8mm	1.8mm	1.8mm	1.8mm
apical diameter	2.8mm	3.8mm	3.2mm	3.3mm
9.0mm length	BTA3809	BTA4209	BTA4609	BTA529
10.5mm length	BTA3810	BTA4210	BTA4610	BTA510
12.0mm length	BTA3812	BTA4212	BTA4612	BTA512
15.0mm length	BTA3815	BTA4215	BTA4615	BTA515
18.0mm length	BTA3818	BTA4218	BTA4618	—





TAPERED PRO RBT IMPLANT SYSTEM

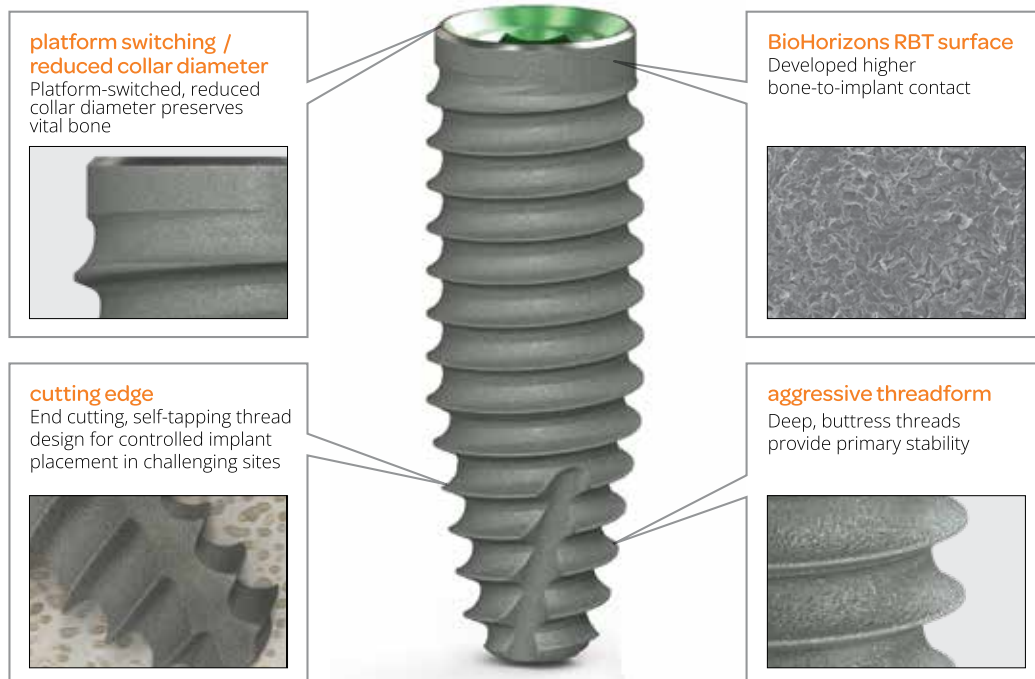
Simple approach, predictable results

PRODUCT SPECIFICATIONS

MATERIAL	Titanium Alloy (Ti-6Al-4V ELI)
SURFACE	Resorbable Blast Texturing (RBT)
PROSTHETIC OPTIONS	Comprehensive line of stock & customised abutments
PRODUCT CODE	BTR

BioHorizons Tapered Pro dental implants deliver predictable results for immediate treatment with a simplified approach. The tapered body and aggressive buttress threads allow for flexible drilling sequences to accommodate soft and dense bone. With an osteotomy-matched collar, eliminating the need for any crestal bone drilling. And the helical cutting flutes at the apex of the implant allow the threads to tap the osteotomy during placement, instead of requiring additional instruments for dense bone preparation. The combination of these features offers a unique implant solution that prioritizes both reliable performance and simplified workflows.

body diameter	3.8mm	4.2mm	4.6mm	5.2mm
prosthetic connection	3.0mm	3.5mm	3.5mm	4.5mm
apical diameter	2.8mm	3.8mm	3.2mm	3.3mm
9.0mm length	BTR3809	BTR4209	BTR4609	BTR529
10.5mm length	BTR3810	BTR4210	BTR4610	BTR510
12.0mm length	BTR3812	BTR4212	BTR4612	BTR512
15.0mm length	BTR3815	BTR4215	BTR4615	BTR515
18.0mm length	BTR3818	BTR4218	BTR4618	—













TAPERED INTERNAL TISSUE LEVEL IMPLANT SYSTEM

Reestablish the biologic seal

PRODUCT SPECIFICATIONS

MATERIAL	Titanium Alloy (Ti-6Al-4V ELI)
SURFACE	Resorbable Blast Texturing (RBT) with Laser-Lok® Collar
PROSTHETIC OPTIONS	Comprehensive line of stock & customised abutments
PRODUCT CODE	TTLx

Tapered Tissue Level implants feature a 1.8mm transmucosal collar for one stage procedures and Laser-Lok® surface technology to inhibit epithelial downgrowth, attach connective tissue and create a biologic seal around the implant. Tapered Tissue Level implants are available in 4 diameters including the only 3mm tissue level implants currently available for tight spaces.

				
body diameter	3.0mm	3.8mm	4.6mm	5.8mm
prosthetic connection	 3.5mm	 3.5mm	 4.5mm	 5.7mm
Laser-Lok zone	2.0mm	2.0mm	2.0mm	2.0mm
apical diameter	2.0mm	2.8mm	3.1mm	3.9mm
collar height	2.3mm	2.3mm	2.3mm	2.3mm
bevel height	0.5mm	0.5mm	0.5mm	0.5mm
max collar width	4.5mm	4.5mm	5.5mm	6.7mm
7.5mm length	—	TTLY3807	TTLG4607	TTLB5807
9.0mm length	—	TTLY3809	TTLG4609	TTLB5809
10.5mm length	TTLY3010	TTLY3810	TTLG4610	TTLB5810
12.0mm length	TTLY3012	TTLY3812	TTLG4612	TTLB5812



CONNECTIVE TISSUE ATTACHMENT

Uniquely creates a physical connective tissue attachment.



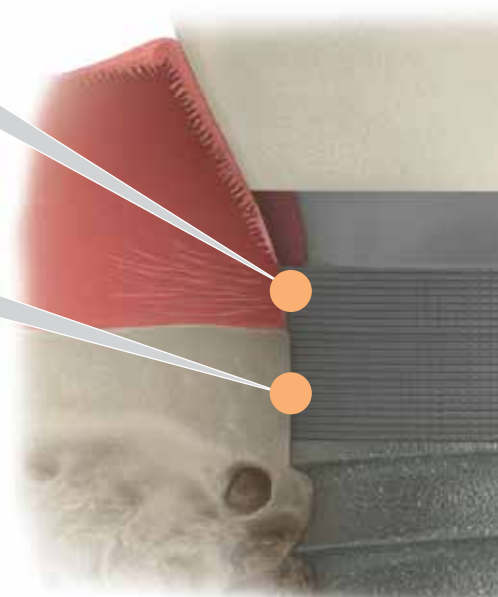
BONE ATTACHMENT

Laser-Lok® microchannels achieve superior osseointegration.



RESTORATIVE EASE

Conical internal hex connection is color-coded for quick identification and component matching.



TAPERED SHORT IMPLANT SYSTEM

Solution for limited vertical spaces

Tapered Short implants offer a solution for cases with limited vertical bone height, potentially expediting treatment by eliminating the need for bone grafting.10 The Tapered Short implant design features an aggressive thread profile and tapered body for primary stability, even in compromised situations. A platform-switched, dual-affinity, Laser-Lok surface offers crestal bone retention and a connective tissue attachment for flexible placement.



Features

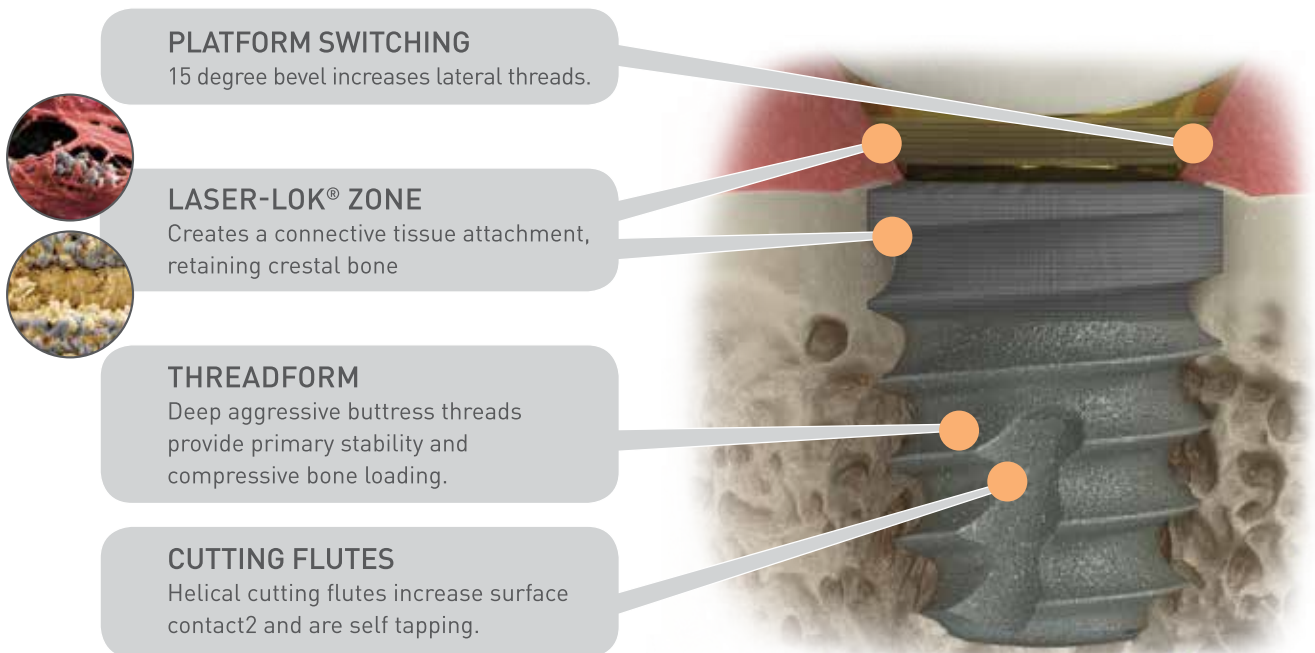
- 25% more surface area compared to Tapered Internal
- Dual-affinity Laser-Lok surface for crestal bone retention and connective tissue attachment
- Primary stability from anatomically tapered body and deep aggressive thread profile
- Conical internal hex for a rigid connection and stable restoration

*Additional drills required

PRODUCT SPECIFICATIONS

MATERIAL	Titanium Alloy (Ti-6Al-4V ELI)
SURFACE	Resorbable Blast Texturing (RBT) with Laser-Lok Collar
PROSTHETIC OPTIONS	Comprehensive line of stock & customised abutments
PRODUCT CODE	TSL

		
body diameter	4.6mm	5.8mm
prosthetic connection	 3.5mm	 4.5mm
Laser-Lok zone	1.8mm	1.8mm
apical diameter	3.7mm	4.9mm
platform switch	0.5mm	0.5mm
6.0mm length	TSL4606	TSL5806
7.5mm length	TSL4607	TSL5807





TAPERED IM IMPLANT SYSTEM

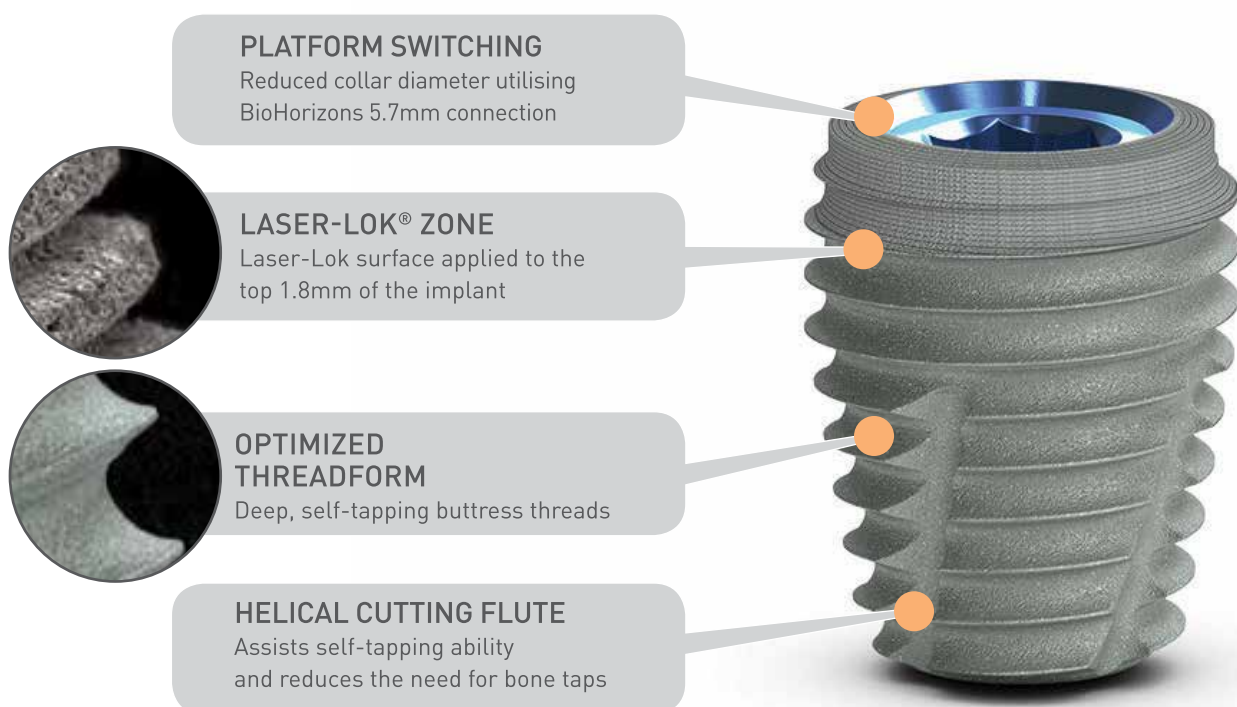
Designed for posterior
implant restorations

PRODUCT SPECIFICATIONS

MATERIAL	Titanium Alloy (Ti-6Al-4V ELI)
SURFACE	Resorbable Blast Texturing (RBT) with Laser-Lok Collar
PROSTHETIC OPTIONS	Comprehensive line of stock & customised abutments
PRODUCT CODE	TIM

Tapered IM implants are designed for posterior implant restorations. Available in 7 and 8mm diameters, the implant design features deep aggressive threads for compressive bone loading and primary stability. The reduced collar diameter ensures the implant doesn't deviate from its intended placement location in extraction sites. Tapered IM implants platform switch to a 5.7mm prosthetic connection.

	 7mm	 8mm
body diameter		
prosthetic connection	 5.7mm	 5.7mm
Laser-Lok zone	1.8mm	1.8mm
apical diameter	4.9mm	5.9mm
7.5mm length	TIM7007	TIM8007
9.0mm length	TIM7009	TIM8009
10.5mm length	TIM7010	TIM8010



*Additional drills required

TAPERED HD SURGICAL KIT

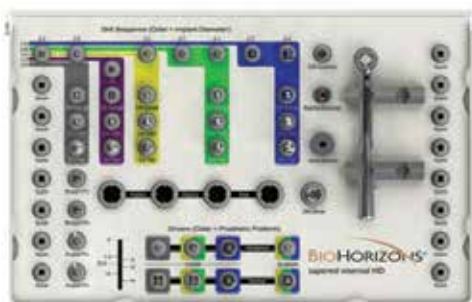
TSK4000

Tapered HD Surgical Kit

Includes the instrumentation required to place:
Tapered Plus, Tapered 3.0, Tapered Tissue Level, Tapered
Internal including the 3.4mm diameter and 18mm lengths.

Features

- Versatile, removable, hinged lid
- 40% smaller and 40% lighter than other kits
- Easy to disassemble and assemble during cleaning
- Implant staging area for implant vials during surgery
- Use to place Tapered Plus, Tapered Internal, Tapered Tissue Level, Tapered 3.0 and Laser-Lok 3.0
- Empty spare slots for other instrumentation such as stop drills or extended shank drills



The surgical kit features an intuitive color-coded layout that guides the surgeon through the instrument sequence. The drilling section is color-coded by implant diameter. The implant driver section is color-coded by prosthetic connection.

GUIDED SURGERY KIT

The BioHorizons guided surgery kit offers the precision and predictability of guided implant placement with a streamlined, single kit design. All components are color-coded to avoid the complexity seen with other systems while offering our customers predictable implant placement for optimal esthetic outcomes.

CGS4000

Guided Surgery Kit

Includes the instruments required to place
BioHorizons Tapered Implants. 5.8mm
implant instruments are sold separately.

Features

- Versatile, removable, hinged lid
- Easy to disassemble and assemble during cleaning
- Spare slots for additional instrumentation
- Single color-coded kit for placement of BioHorizons Tapered implants*



PROSTHETICS COMPONENTS

TEMPORARY ABUTMENTS

TITANIUM TEMPORARY ABUTMENT, HEXED & NON-HEXED

Used for single-unit screw-retained, long term temporary restorations (>30 days).
Packaged with the Abutment Screw (PXAS). Titanium Alloy [Ti-6Al-4V].
Final torque: 30Ncm.



PEEK TEMPORARY CYLINDER, HEXED & NON-HEXED

Use for fabrication of cement or screw-retained provisional restorations (up to 30 days). Includes a snap feature that creates a friction fit to retain the abutment during provisionalization. A direct coping screw (PXDCS, purchased separately) may be used to maintain screw access hole during fabrication of screw-retained provisional prostheses. Packaged with an abutment screw (PXAS). PEEK (PolyEtherEtherKetone) material.
Final torque: 30Ncm.



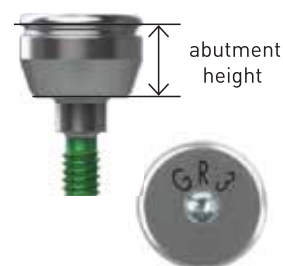
HEALING ABUTMENTS

Hand-tighten with the .050" (1.25mm) Hex Driver. Titanium alloy. The 3.5mm, 4.5mm and 5.7mm healing abutments are laser marked for easy intraoral identification of the prosthetic platform, emergence and height.

Narrow emergence	Ø	1mm height	2mm height	3mm height	5mm height
3.0mm platform	3.0mm	-	TP3NHA2	TP3NHA3	TP3NHA5
3.5mm platform	4.0mm	PYNHA1	PYNHA2	PYNHA3	PYNHA5
4.5mm platform	5.0mm	PGNHA1	PGNHA2	PGNHA3	PGNHA5
5.7mm platform	6.0mm	PBNHA1	PBNHA2	PBNHA3	PBNHA5

Regular emergence	Ø	1mm height	2mm height	3mm height	5mm height
3.0mm platform	3.5mm	-	TP3HA2	TP3HA3	TP3HA5
3.5mm platform	4.5mm	-	PYRHA2	PYRHA3	PYRHA5
4.5mm platform	5.5mm	-	PGRHA2	PGRHA3	PGRHA5
5.7mm platform	6.5mm	-	PBRHA2	PBRHA3	PBRHA5

Wide emergence	Ø	1mm height	2mm height	3mm height	5mm height
3.0mm platform	4.0mm	-	-	TP3WHA3	TP3WHA5
3.0mm platform (extra wide)	5.0mm	-	-	TP3EWA3	TP3EWA5
3.5mm platform	6.0mm	-	-	PYWHA3	PYWHA5
4.5mm platform	7.0mm	-	-	PGWHA3	PGWHA5
5.7mm platform	8.0mm	-	-	PBWHA3	PBWHA5



Y = Yellow (3.5mm) platform
G = Green (4.5mm) platform
B = Blue (5.7mm) platform
N, R or W = Narrow, Regular or Wide emergence
1, 2, 3 or 5 = 1mm, 2mm, 3mm or 5mm abutment height

IMPRESSION COMPONENTS

SNAP COPINGS

Use to make a closed-tray, direct pick-up, implant-level impression.
PEEK (PolyEtherEtherKetone) and Titanium Alloy material.



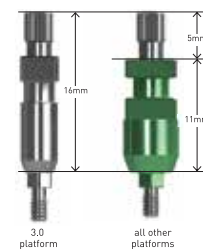
INDIRECT SCOOP COPINGS (CLOSED TRAY)

Use to make a closed-tray, implant-level, hexed-timed impression.
Pre-assembled with a coping screw (PXSS). Titanium Alloy.



DIRECT PICK-UP COPINGS (OPEN TRAY)

Use to make an open-tray, implant-level impression.
Packaged with the direct coping screw, shallow hex (PXDCSS).
Non-hexed versions may also be used to fabricate multiple-unit bars.
Titanium Alloy. Hand-tighten.



TITANIUM SCAN BODIES

The new Titanium Scan Bodies from BioHorizons provide an all metal, screw-retained solution for digital impressions. Each scan body is designed with a matte finish surface for a simplified scanning workflow and features a unique geometry on the occlusal surface for identification. The implant-level scan bodies are color coded to match the associated prosthetic platform.



IMPLANT ANALOGS

Use in the lab to represent the implant in the working cast.
Not intended for use with Simple Solutions components or tissue-level implants. Titanium Alloy



ABUTMENTS

DUAL PURPOSE CONTOUR ABUTMENTS

Use to fabricate cement-retained, single- or multiple-unit prostheses. Also used with Ball-top screw as a closed-tray impression coping.



STRAIGHT CONTOUR ABUTMENTS

Use to fabricate cement-retained, single- or multiple-unit prostheses.



STRAIGHT CONTOUR ABUTMENTS (3MM BUCCAL HEIGHT)

Use to fabricate cement-retained, single- or multiple-unit prostheses when a deep gingival sulcus is present.



15 ANGLED CONTOUR ABUTMENTS

Use to fabricate cement-retained, single- or multiple-unit prostheses when 15° angulation is needed.



CUSTOM MILLED ABUTMENT

To Achieve a passive fit and better esthetics with Authentic connection.

- Natural emergence profile between an implant and crown, the final restorations are manufactured to the patient's exact gingival architecture, achieving an optimal emergence profile and a more esthetically pleasing outcome
- Crown margin depth can be customized
- Easier to correct the alignment with angled implants

Looking for the Better Esthetic

Outcome and Long-lasting Predictable restorations for your patients



HYBRID ABUTMENT BASE, HEXED & NON-HEXED

Use hexed abutments for single-unit, screw-retained or cement-retained, CAD/CAM hybrid zirconia restorations. Packaged with an abutment screw (PXMUAS). Titanium Alloy for strength. Final torque: 30Ncm.



MULTI-UNIT ABUTMENTS

STRAIGHT MULTI-UNIT ABUTMENTS

Multi-unit abutments may be used for multiple-unit restorations including: screw-retained restorations at the abutment level, cast alloy bars for overdentures and fixed/detachable (hybrid) restorations. Comes with a cover cap (PXMUCC). Available in 1mm, 2mm, 3mm, 4mm & 5mm collar height. Final torque: 30 Ncm using a Multi-unit Hex Adapter. Titanium alloy.



17° ANGLED MULTI-UNIT ABUTMENTS

17° Angled Multi-unit abutments may be used to angle-correct divergent implants. Use for multiple-unit restorations including: screw-retained restorations at the abutment level, cast alloy bars for overdentures and fixed/detachable (hybrid) restorations. Comes with a cover cap (PXMUCC) and abutment screw (PXMUAS). Available in 2.25mm, 3mm & 4mm collar height. Final torque: 30 Ncm. Titanium alloy. Conveniently deliver abutment one-handed using an .050 hex or Unigrip™ driver or two-handed using an angled Multi-unit carrier (MUCA).



30° ANGLED MULTI-UNIT ABUTMENTS

30° Angled Multi-unit abutments may be used to angle-correct divergent implants. Use for multiple-unit restorations including: screw-retained restorations at the abutment level, cast alloy bars for overdentures and fixed/detachable (hybrid) restorations. Comes with a cover cap (PXMUCC) and abutment screw (PXMUAS). Available in 3mm, 4mm & 5mm collar height. Final torque: 30 Ncm. Titanium alloy. Conveniently deliver abutment one-handed using an .050 hex or Unigrip™ driver or two-handed using an angled Multi-unit carrier (MUCA)..



MULTI-UNIT COPINGS

TITANIUM COPING, MULTI-UNIT

Use for fabricating acrylic temporary and final prostheses. May be trimmed for height. Packaged with prosthetic screw (PXMUPSR). Titanium alloy.



PASSIVE FIT COPING, MULTI-UNIT

Use for fabricating metal-reinforced acrylic prostheses or bar overdentures, cemented using the passive-fit technique. May be trimmed for height. Packaged with regular and long prosthetic screws (PXMUPSR, PXMUPSL). Coping has a titanium alloy base with acetal resin (Delrin® or Pomalux®) sleeve.



MULTI-UNIT TRY-IN ABUTMENTS

Multi-unit Try-in Abutments may be used to measure tissue thickness and verify proper prosthetic seating prior to final abutment seating. Each Try-in is laser marked from 1mm to 5mm to correspond with the Straight Multi-unit Abutment collar heights and can also be used as a measuring tool for OD Secure, Locator, Locator R-Tx and Ball abutment systems. Try-in is carried to the site by the handle and snaps into the implant.

Each Try-in is laser marked to correspond with the Angled Multi-unit Abutment collar heights. Try-in is carried to the site by the handle and snaps into the implant.



MULTI-UNIT IMPRESSION COPINGS

DIRECT PICK-UP COPING, MULTI-UNIT (PXMUDPC)

Use to make a direct pick-up impression (open-tray) at the abutment level. Packaged with a prosthetic screw, long. Titanium alloy. Hand tighten.

INDIRECT TRANSFER COPING, MULTI-UNIT (PXMUIC)

Use to make an indirect transfer (closed-tray) impression at the abutment level. Titanium alloy. Hand tighten.

ABUTMENT REPLICA, MULTI-UNIT (PXMUAR)

Use at lab to represent the Multi-unit/Implant assembly in the working cast. Not for use with implant-level impressions. Titanium alloy.

MULTI-UNIT HEX ADAPTERS FOR STRAIGHT ABUTMENTS

Manual Multi-unit Hex Adapter (PXMUHAM)

Use to hand tighten straight Multi-unit abutments.

Handpiece Multi-unit Hex Adapter (PXMUHAH)

Use to torque straight Multi-unit abutments. Driven by latch-type handpiece. Do not exceed 30 Ncm.

4mm Square Multi-unit Hex Adapter (PXMUHAR)

Use to torque straight Multi-unit abutments. Driven by 4mm square drive hand wrench, ratchet, or torque wrench. Do not exceed 30 Ncm.

.050" (1.25MM) HEX DRIVERS

135-251	Manual Hex Driver, Short	134-450	Handpiece Hex Driver, Long
135-351	Manual Hex Driver	300-350*	4mm Square Hex Driver
135-451	Manual Hex Driver, Long	300-351*	4mm Square Hex Driver, Long
134-350	Handpiece Hex Driver	300-354*	4mm Square Hex Driver, Extra Long

TORQUE WRENCHES

TORQUE WRENCH KIT, 100Ncm

Lightweight titanium design is easy to use as an adjustable torque wrench or a ratchet. Quickly disassembles for cleaning. No calibration required.

BIOHORIZONS ADJUSTABLE TORQUE WRENCH

The BioHorizons adjustable torque wrench is a multi-component tool designed to attach to all 4mm drivers from BioHorizons. It is supplied with a dual direction mechanism that allows for insertion and removal functions. When the desired torque is reached (a choice of 10Ncm to 30Ncm) the torque wrench snaps to avoid over torquing. Additionally, the torque wrench can be locked and used as a surgical ratchet for implant insertion. The wrench is locked by rotating the handle counterclockwise to loosen the setscrew and then rotating the handle 90 degrees.



OD secure® ABUTMENT SYSTEM

LOW PROFILE DESIGN

- Smallest removable denture attachment on the market
- Vertical profile of 2mm and diameter of 4.5mm

COLOR-CODED

- Color coding to easily identify the proper platform size

.050" HEX DRIVER

- Delivered and torqued with an .050" (1.25mm) hex driver



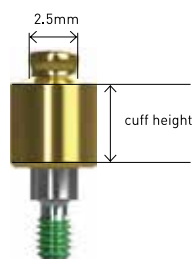
ALL-IN-ONE PACKAGING

- Everything needed to restore a case in one simple package

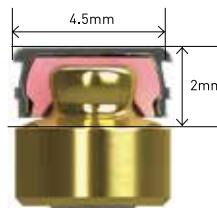
50° BETWEEN IMPLANTS

- Correct up to 50° of divergence between implants with the Xtend housing (sold separately)

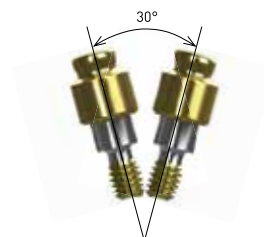
Introducing the all new OD Secure abutment system. The OD Secure abutment uses the industry's lowest profile connection to attach dentures and partial dentures to dental implants. With a full range of cuff heights for every platform (3.0mm - 5.7mm), the OD Secure provides attachment solutions for even the most challenging cases. The abutment is designed for easy delivery using an .050" hex driver and is color-coded to ensure that the abutment matches the implant platform every time.



Available in cuff heights from 0.5mm to 6mm



Low profile connection for additional restorative space



Corrects up to 30° of divergence between implants

ALL-IN-ONE PACKAGING

The OD Secure comes packaged with the abutment, metal housing, four retentive inserts, a lab processing insert and a protection disk.



Notes

Authorised Distributor for India

kataradental[®]
PUTS THE SMILE BACK ON[®]

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