



Tight spaces not a problem

Restorations in positions where the interdental space is limited, have always been challenging, up until now, existing solutions would mean making sacrifices.

Either because of the lack of space for the correct ammount of restorative material or when it come to achieving the best aesthetical result.

ELLIPTIBase® has been specially designed to solve these problems.

The elliptical design allowed us to increase the space for restorative material, whilst mantaining almost the same cementation area.

Available compatibilities:



NOBELACTIVE® &
NOBELREPLACE® CC



STRAUMANN® SOFT
TISSUE LEVEL &
synOcta®



STRAUMANN®
BONE LEVEL



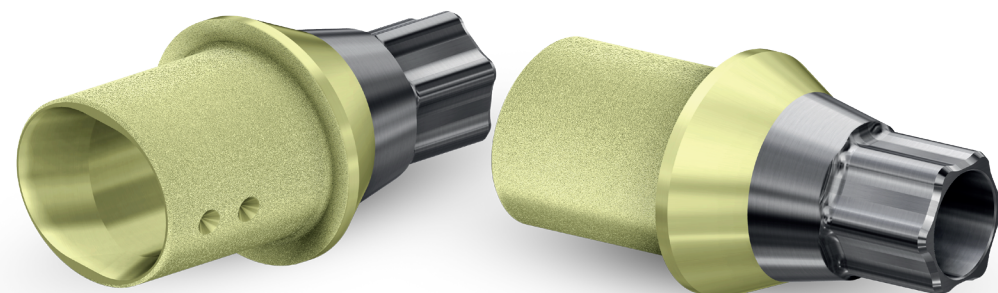
ZIMMER
SCREW-VENT®



ASTRA TECH IMPLANT
SYSTEM™ EV



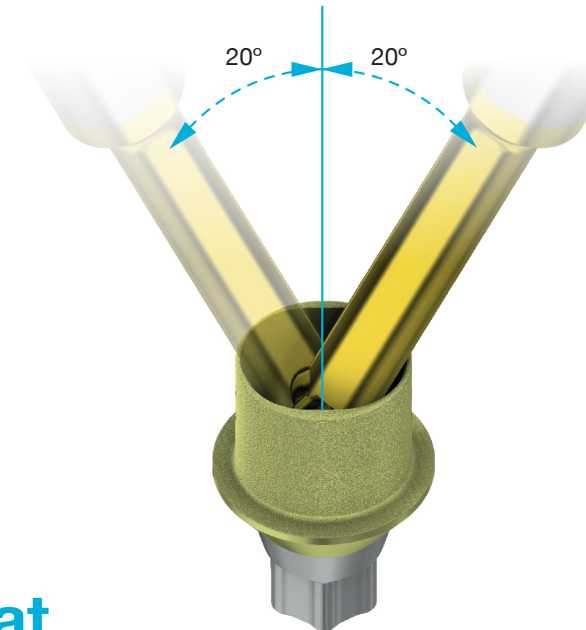
BIOHORIZONS®
INTERNAL



Aesthetic Advantages

The DESS® ELLIPTIBase® addresses all those problems that arise when working on restorations where a 3.0 or 3.5 implant is used, particularly the incisors positions. These restorations require for an improved aesthetical result and a strong restoration.

The 20° angulation on the access channel, combined with a lower shaft height will allow you to achieve the best aesthetical results without compromise.



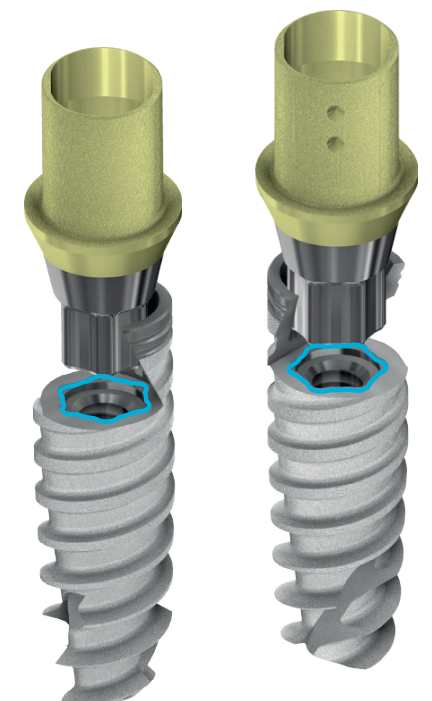
Corner vs. Flat

Due to the shape of the ELLIPTIBase® we created corner and flat versions that depending on the orientation in which the implant has been placed, can be used to achieve the best result.

On any given hex connection the angle is of 45°, the corner connection would aid reducing the final angle of the shaft.

Shaft orientation

Implant position



Corner

Flat



TECHNICAL INFORMATION

- Titanium Grade V ELI 23
- PerioCoat® and SelectGrip® surface treatment
- Elliptic design with minimized footprint
- Especially developed for narrow implants (3.0-3.3-3.5)
- Up to 20° bidirectional angulation of the ASC (Angulated Screw Channel)
- Typically a cementing surface 31,55mm²
- Shaft height of 3,0mm
- Combined with our free libraries for Exocad®, 3Shape®, Dental wings® and Blenderfordental®
- CE: Class IIb
- FDA: Class II



FEATURES

- Pure Switch® concept
- Torx Ball based screw socket
- Torx screw included
- Two orientations for clinical adaptation: corner and flat
- Optimal aesthetic screw channel exit



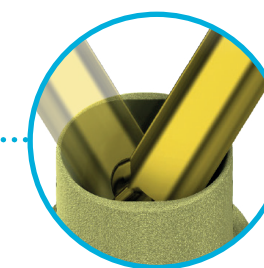
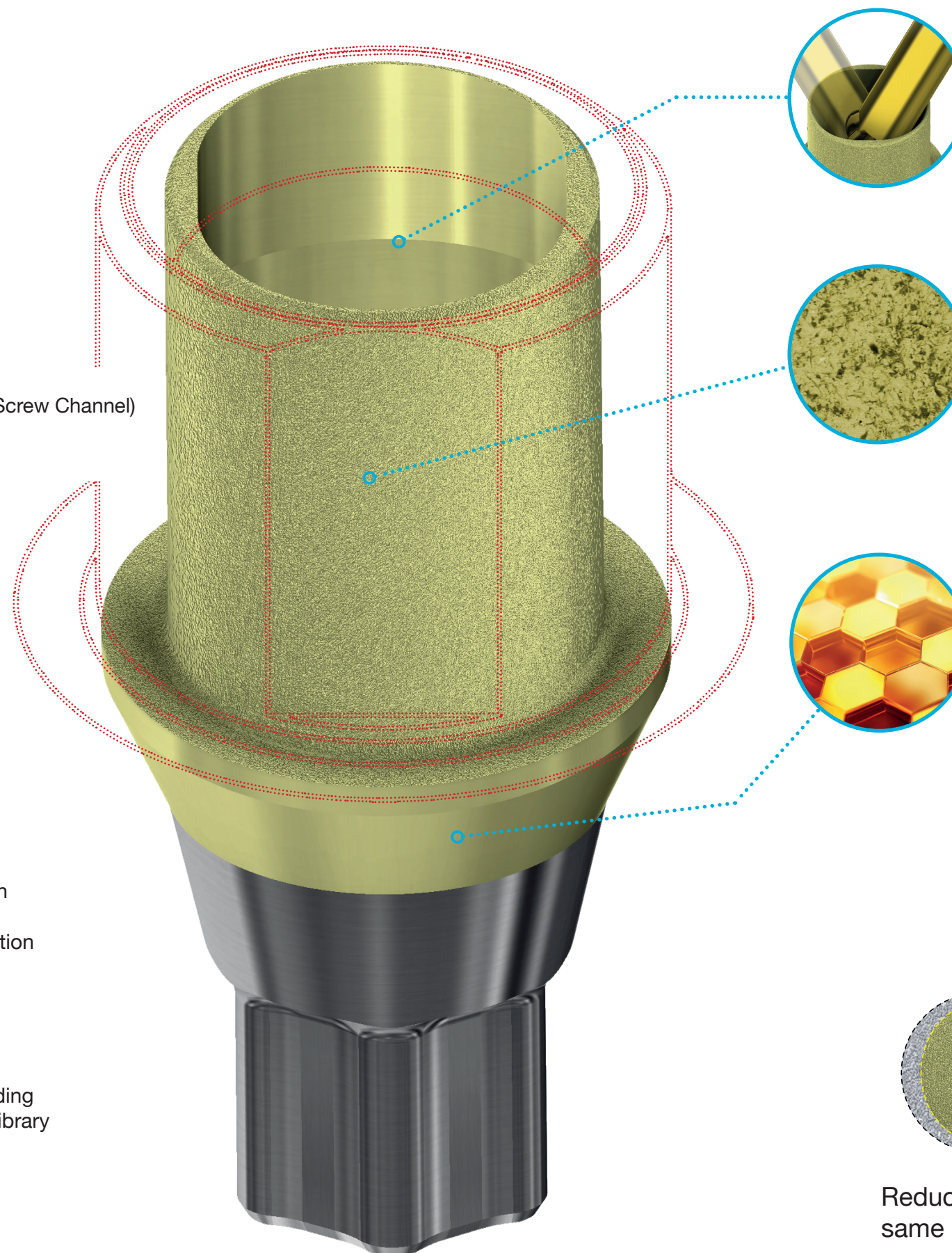
CLINICAL BENEFITS

- 22% width reduction compared to regular Ti-Base
- SelectGrip® surface treatment: 5x better cement retention
- PerioCoat®: increases the strength of the abutment
- Torx Ball screw: optimal torque even at maximum angulation
- Warmer gingival tone

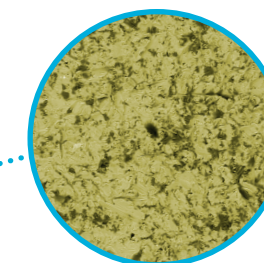


BUSINESS BENEFITS

- Pure Switch®: 100% compatible prosthetic connection
- SelectGrip® surface treatment reduces the risk of debonding
- Digital Workflow: a multi-platform prosthetic restoration library system to simplify the digital process
- Exclusive and innovative product in the market



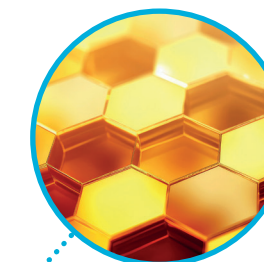
20° entry angle for a more aesthetical restoration.



SelectGrip®

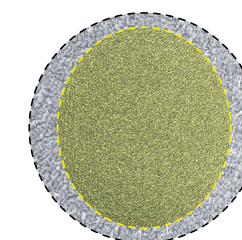
SelectGrip® surface treatment enhancement, improves overall retention up to **500%**.

Microscope view



periocoat®

- Less inflammation.
- Less plaque adhesion.
- Higher corrosion resistance.
- Easier to clean.
- 6x harder than Titanium Oxide.



Footprint




- ELLIPTIBase®
- TI-Base

Reduction in size of 22% almost the same cementation area.






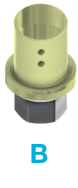
NobelActive® NobelReplace® CC		3.0	NP	RP	WP
Active Hex		3.0	3.5	4.3/5.0	5.5
	A corner		56.068		
	B flat		57.068		
	Torx® Screw ELLIPTIBase®		19.468		






Straumann® Soft Tissue level & synOCTA®				NNC	RN	WN
Octagon				3.5	4.1/4.8	4.8/6.5
	A corner		56.070			
	B flat		57.070			
	Torx® Screw ELLIPTIBase®			19.441		



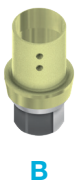
Straumann® Bone level®			NP	RP	NP/RP
Conical BL			NC/3.3	RC/4.1-4.8	NC/RC
	A corner		56.043		
	B flat		57.043		
	Torx® Screw ELLIPTIBase®		19.443		



Zimmer® Screw-vent			NP	RP	WP
Internal Hex USA			3.5	4.5	5.7
	A corner		56.017		
	B flat		57.017		
	Torx® Screw ELLIPTIBase®		19.417		



Astra Tech implant system™ EV		EV/3.0	EV/3.6	EV/4.2	EV/4.8	EV/5.4
Conic EVO		3.0	3.6	4.2	4.8	5.4
	A corner		56.406			
	B flat		57.406			
	Torx® Screw ELLIPTIBase®		19.331			



Biohorizons® internal		3.0	NP	RP	WP
Internal hex BH		3.0	3.5	4.5	5.7
	A corner		56.099		
	B flat		57.099		
	Torx® Screw ELLIPTIBase®		19.400		

All DESS products are manufactured according to ISO 9001 and ISO 13485 with CE marking for all products Class IIb IIa

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