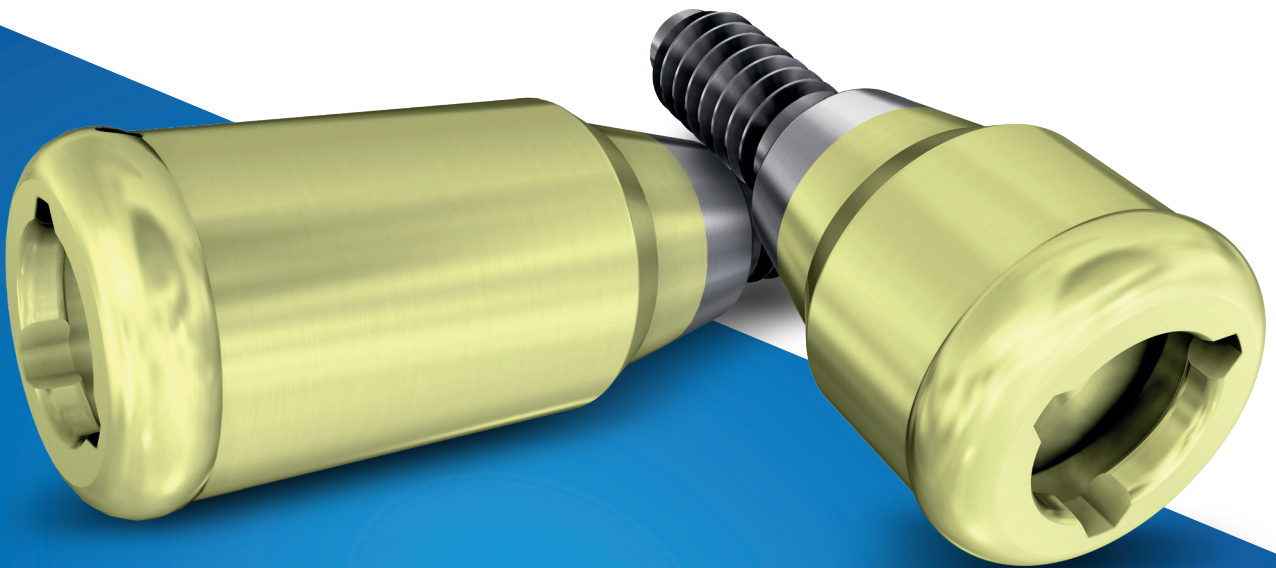




**DESSLoc<sup>®</sup>**



# DESSLoc®

When a clinical case has been prescribed with a removable prosthesis, there is no better alternative than DESSLoc®.

A Periocoat® "Zirconium Nitride coating" has numerous advantages.

The treatment increases strength, reduce plaque adhesion and inflammation without compromising mechanical performance.

Focusing on patient experience DESSLoc® has been designed with a flexible point of engagement offering ease of insertion and removal.

This reduces the possibility of wear caused by improper seating, which in turn makes the denture more comfortable for the patient.



## Available compatibilities:



**NOBELACTIVE® &  
NOBELREPLACE® CC**



**NOBEL  
REPLACE SELECT™**



**NOBEL BRÅNEMARK®**



**3i OSSEOTITE®**



**3i CERTAIN®**



**STRAUMANN® SOFT  
TISSUE LEVEL &  
synOcta®**



**STRAUMANN®  
BONE LEVEL**



**ZIMMER  
SCREW-VENT®**



**ASTRA TECH IMPLANT  
SYSTEM™ EV**



**ASTRA TECH  
OSSEOSPEED™**



**DENTSPLY  
FRIADENT XIVE®**



**DENTSPLY  
ANKYLOS® C/X**



**CAMLOG®**



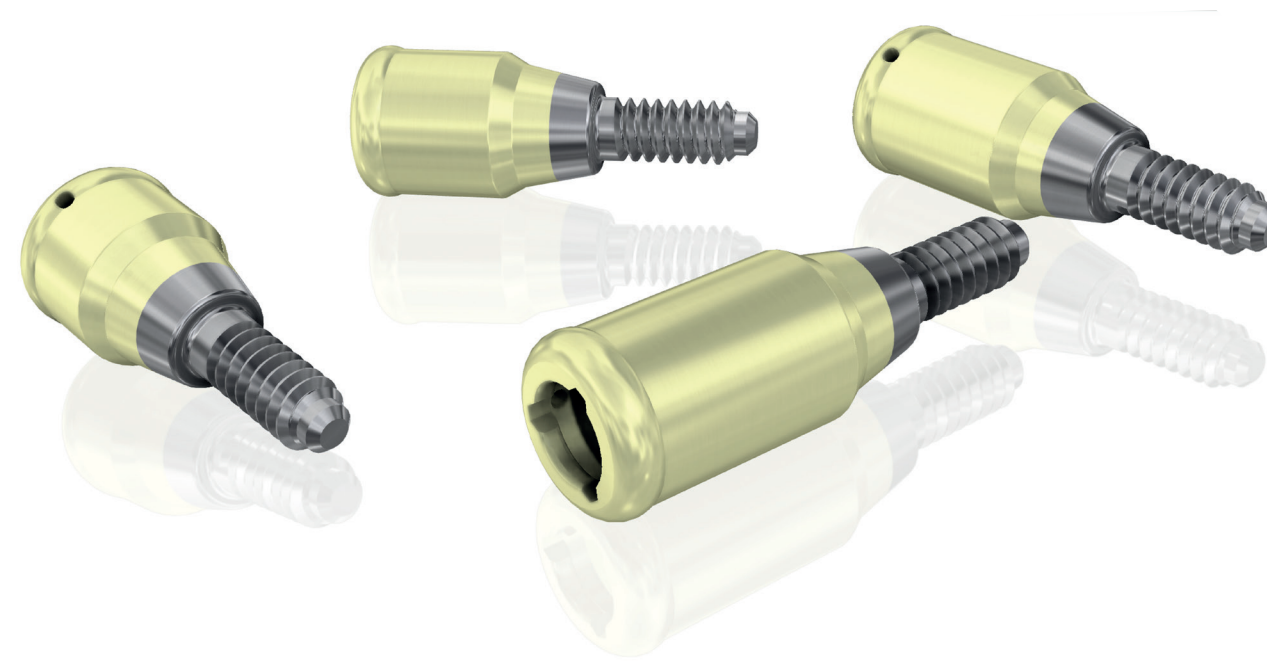
**BIOHORIZONS®  
INTERNAL**



**MIS® SEVEN**



**MULTI-UNIT  
CONNECTION**





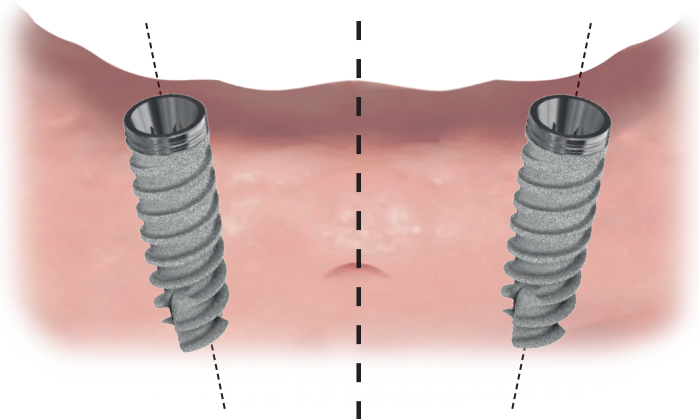


UP TO 40° ANGLE

Pivoting Technology:

DESSLoc® provides excellent retention, facilitating proper insertion of the prosthesis, especially in compromised situations, providing greater resistance and tolerance to masticatory forces. Even with up to 40° of divergence between implants and the additional rotational move between the denture cap and the male insert, positioning and alignment is easier than ever.

DESSLoc® pivoting technology allows the patient to place the denture without the need for perfectly aligned implants giving the patient additional flexibility when seating the denture.



40° Divergence

Choose the retention level:

There are two processing kits available, these include different inserts allowing you to choose the best option for each patient.

\* divergence up to 20°

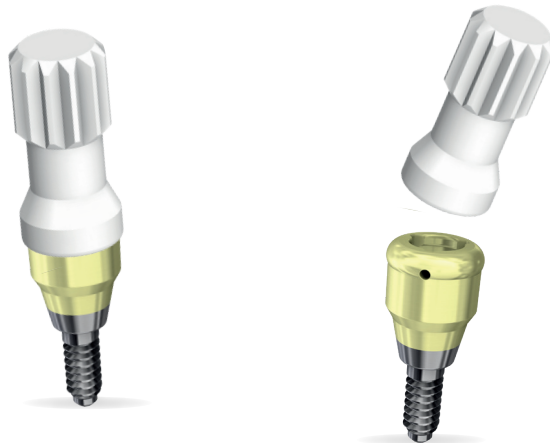


\* divergence up to 40°



Transporter

All DESSLoc® abutments include a transporter to ease the insertion, adjust and place the final abutment before torquing into position with the corresponding tool.




DESSLoc® Tool

Designed to hold the abutment safely, the DESSLoc® tool will give more control and better torque transmission.



Replacement & Maintenance:

The DESSLoc® retention elements range has been developed to provide the correct amount of strength and control for each individual patient. Each kit contains 4 units of the same insert.

up to 20°		1.5lbs / 680g	up to 40°		1.0 lbs / 450g
		3.0 lbs / 1360g			2.0 lbs / 910g
		5.0lbs / 2270g			4.0 lbs / 1810g

100% compatible with the most popular overdenture system

# DESSLoc®



## TECHNICAL INFORMATION

- Titanium Grade V ELI 23
- PerioCoat®
- CE: Class IIb
- FDA: Class II



## FEATURES

- Pure Switch® concept
- Multiple gingival heights options: 1-6mm depending on the system
- Placement carrier included to facilitate placement and handling\*
- DESSLoc® tool available: more control and torque transmission
- DESSLoc® insertion & removal tool: facilitates changing of retention inserts
- Two insert retention kits: from 20° to 40° of max divergence



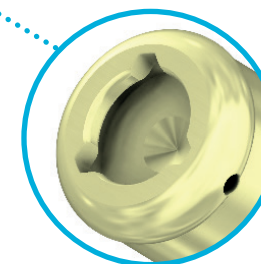
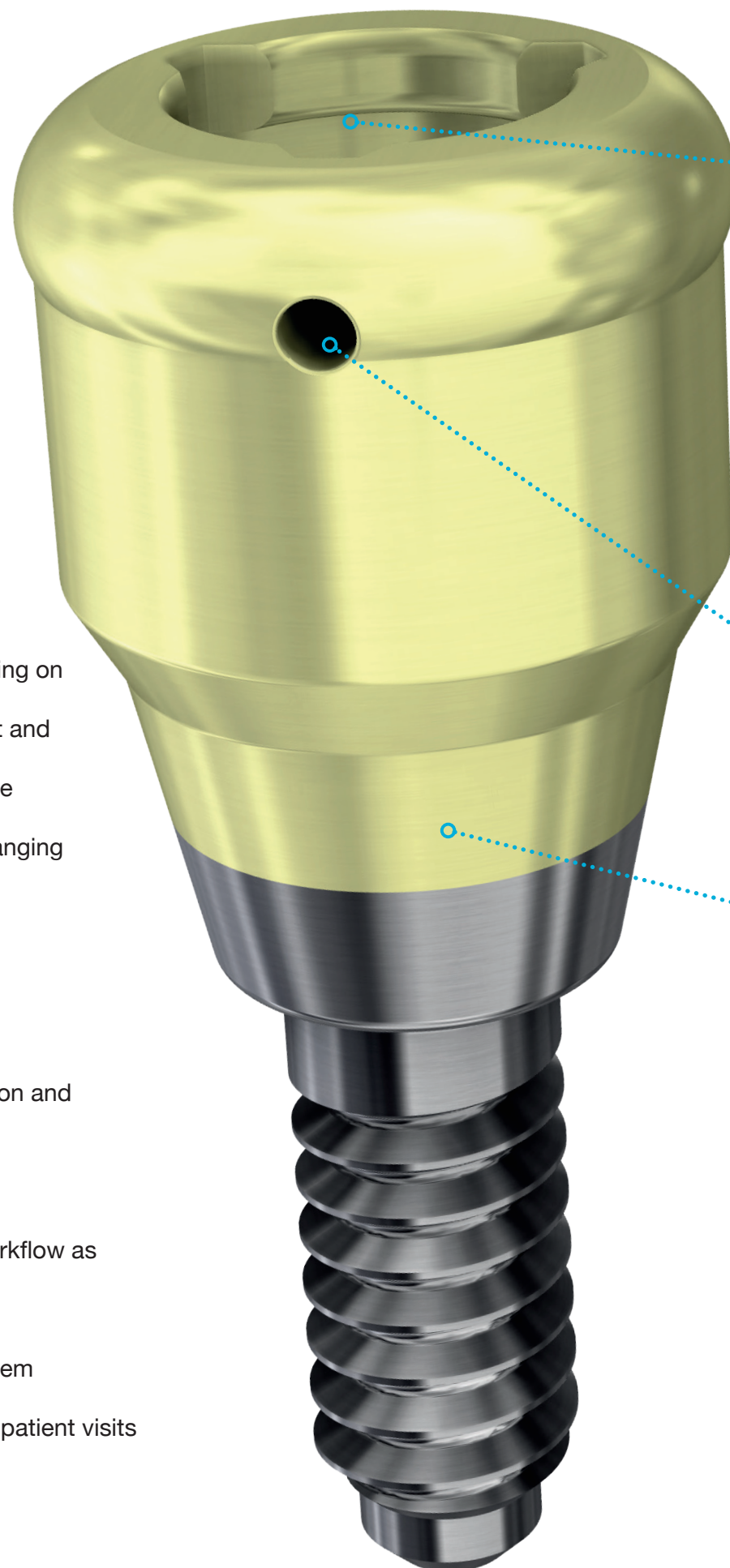
## CLINICAL BENEFITS

- Abutment for removable overdenture prosthetics
- PerioCoat® for better strenght, less plaque retention and gingival inflammation



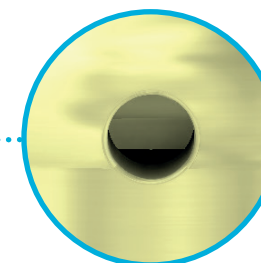
## BUSINESS BENEFITS

- Pure Switch®: no special tools required, same workflow as the OEM product
- No need to invest in a carrier, it is included in the package
- 100% compatible with the OEM overdenture system resulting in a lower investment
- PerioCoat®: reduced risk of gingival disease, less patient visits



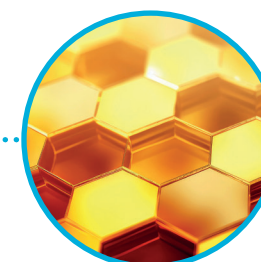
### 100% compatible

With the most popular overdenture system



### Ease of removal

A small hole located at the top of the DESSLoc® will limit the vacuum effect when removing the prosthesis. This will improve patient sensation on removal, without losing retention nor masticating power.



### pericoat®

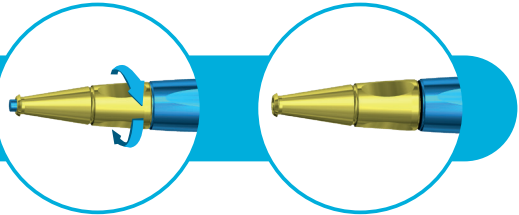
- Less inflammation.
- Less plaque adhesion.
- Higher corrosion resistance.
- Easier to clean.
- 6x harder than Titanium Oxide.



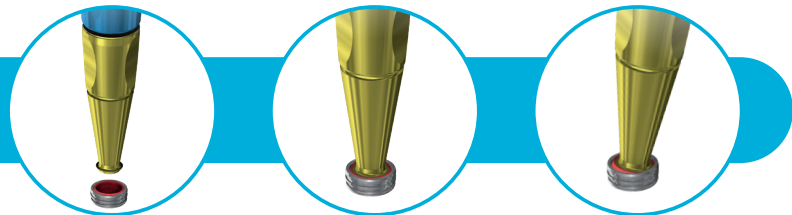


## DESSLoc<sup>®</sup> retention elements removal and insertion tool

### EXTRACTION



1. Place the tool in the following position, making two complete turns on the gold side.



- 2. Use the tool to remove the old retainer. Press with it until you hear a “click”, finish with a slight lever movement.
- 3. Screw in the tool to eject the retainer.

### RETENTION INSERTION



- 1. Completely remove the gold part of the tool.
- 2. Place the new retainer on the end.
- 3. Press on the cup until you hear a “click”.

### DESSLoc<sup>®</sup> INSERTION



1. Use the back of the PHLOC tool to facilitate placement on the models. Fit the tool with the upper part of the DESSLoc<sup>®</sup>



### Instructions for use:



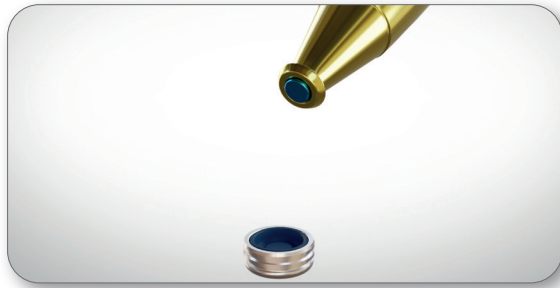
Place the DESSLoc<sup>®</sup> abutments and finger tighten them into position. Then checks the final overdenture fit.



Using the DESSLoc<sup>®</sup> tool and the correct torque wrench, adjust to the recommended torque.



Press the metal caps into the transfers in the impression and pour the material to create the cast. Place the spacer rings over the analogues.



Using the DESSLoc<sup>®</sup> Removal and insertion tool; remove the black processing male from each denture cap.



In Clinic: Using the DESSLoc<sup>®</sup> Removal and insertion tool; place the selected DESSLoc<sup>®</sup> male attachment.





SCAN  
ABUTMENTS

10 Pack.

53.153-P10



TRANSFER

17.054



ANALOGUE



Platform Colour Coded

10 Pack.

14.054

14.054-P10



BAR ATTACHMENT

88.100

RETENTION KITS



0° - 20°

x1

DLRKL-P1

0° - 20°

x2

DLRKL-P2



0° - 40°

x1

DLERL-P1

0° - 40°

x2

DLERL-P2

MALES



0° - 20°

x4

1.5 lbs / 680g

DLN2L-P4



0° - 20°

x4

3.0 lbs / 1360g

DLN3L-P4



0° - 20°

x4

5.0 lbs / 2270g

DLN4L-P4



0° - 40°

x4

1.5 lbs / 450g

DLN1L-P4



0° - 40°

x4

2.0 lbs / 910g

DLN6L-P4



0° - 40°

x4

4.0 lbs / 1810g

DLN7L-P4

SPECIAL TOOLS



Direct to torque wrench Nobel Biocare™

DTACTLOC



Direct to torque wrench Straumann®

DTSTRLOC



DESSLoc® tool for square torque wrench

DTLOC



Adaptor from Straumann® torque wrench to square connection

DTSTSQ



Adaptor from Nobel Biocare™ torque wrench to square conection

DTNBSQ





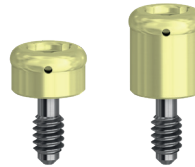
**NobelActive® NobelReplace® CC**  
Active Hex

	3.0	NP	RP	WP
	3.0	3.5	4.3/5.0	5.5
GH 1,0mm		88.039/1	88.040/1	
GH 2,0mm		88.039/2	88.040/2	
GH 3,0mm		88.039/3	88.040/3	
GH 4,0mm		88.039/4	88.040/4	



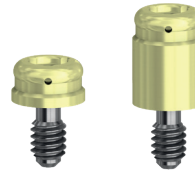
**NobelReplace Select™**  
Tri-Lobe

	NP	RP	WP	6.0
	NP/3.5	RP/4.3	WP/5.0	6.0
GH 1,0mm	88.004/1	88.005/1		
GH 2,0mm	88.004/2	88.005/2		
GH 3,0mm	88.004/3	88.005/3		
GH 4,0mm	88.004/4	88.005/4		



**Nobel Brånemark®**  
External Hex Universal

	NP	RP	WP
	NP/3.5	RP/4.1	WP/5.1
GH 1,0mm	88.001/1	88.002/1	
GH 2,0mm	88.001/2	88.002/2	
GH 3,0mm	88.001/3	88.002/3	
GH 4,0mm		88.002/4	
GH 5,0mm		88.002/5	



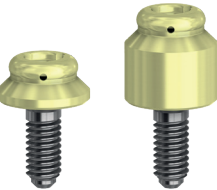
**3i Osseotite®**  
External Hex USA

	NP	RP	WP
	3.4	4.1	5.0
GH 1,0mm	88.011/1	88.012/1	88.013/1
GH 2,0mm	88.011/2	88.012/2	88.013/2
GH 3,0mm	88.011/3	88.012/3	88.013/3
GH 4,0mm	88.011/4	88.012/4	88.013/4
GH 5,0mm	88.011/5	88.012/5	88.013/5
GH 6,0mm	88.011/6 <i>FDA &amp; Canada only</i>		88.013/6 <i>FDA &amp; Canada only</i>



**3i Certain®**  
Internal Hex “CLICK”

	NP	RP	WP
	3.4	4.1	5.0
GH 1,0mm	88.014/1	88.015/1	88.016/1
GH 2,0mm	88.014/2	88.015/2	88.016/2
GH 3,0mm	88.014/3	88.015/3	88.016/3
GH 4,0mm	88.014/4	88.015/4	88.016/4
GH 5,0mm	88.014/5	88.015/5	88.016/5
GH 6,0mm	88.014/6 <i>FDA &amp; Canada only</i>	88.015/6 <i>FDA &amp; Canada only</i>	88.016/6 <i>FDA &amp; Canada only</i>



**Straumann® Soft Tissue Level & synOcta®**  
Octagon

	NNC	RN	WN
	3.5	4.1/4.8	4.8/6.5
GH 1,0mm		88.009/1	
GH 2,0mm		88.009/2	
GH 3,0mm		88.009/3	
GH 4,0mm		88.009/4	



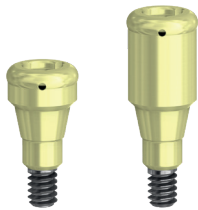
**Straumann® Bone Level**  
Conical BL

	NP	RP	NP/RP
	NC/3.3	RC/4.1-4.8	NC/RC
GH 1,0mm		88.042/1	
GH 2,0mm	88.041/2	88.042/2	
GH 3,0mm	88.041/3	88.042/3	
GH 4,0mm	88.041/4	88.042/4	



**Zimmer Screw-vent®**  
Internal Hex USA

	NP	RP	WP
	3.5	4.5	5.7
GH 1,0mm	88.017/1	88.018/1	88.019/1
GH 2,5mm	88.017/2	88.018/2	88.019/2
GH 3,5mm	88.017/3	88.018/3	88.019/3
GH 4,5mm	88.017/4	88.018/4	88.019/4
GH 5,5mm	88.017/5	88.018/5	88.019/5
GH 6,5mm	88.017/6 <i>FDA &amp; Canada only</i>	88.018/6 <i>FDA &amp; Canada only</i>	88.019/6 <i>FDA &amp; Canada only</i>



Astra Tech Implant System™ EV  
Conic EVO

	EV/3.6	EV/4.2	EV/4.8
	3.6	4.2	4.8
GH 1,0mm	88.059/1	88.060/1	88.061/1
GH 2,0mm	88.059/2	88.060/2	88.061/2
GH 3,0mm	88.059/3	88.060/3	88.061/3
GH 4,0mm	88.059/4	88.060/4	88.061/4



Ankylos® C/X  
Internal ANK

GH 2,0mm	88.046/2
GH 3,0mm	88.046/3
GH 4,0mm	88.046/4



Astra Tech Osseospeed™  
Internal Hex Conic

	NP	RP	WP
	3.0	3.5-4.0	4.5-5.0
GH 1,0mm	88.023/1	88.024/1	88.025/1
GH 2,0mm	88.023/2	88.024/2	88.025/2
GH 3,0mm	88.023/3	88.024/3	88.025/3
GH 4,0mm	88.023/4	88.024/4	88.025/4
GH 5,0mm			



Camlog®  
Internal CAM

	3.3	3.8	4.3	5.0
	3.3	3.8	4.3	5.0
GH 1,0mm		88.065/1	88.066/1	
GH 2,0mm		88.065/2	88.066/2	
GH 3,0mm		88.065/3	88.066/3	
GH 4,0mm		88.065/4	88.066/4	



Dentsply friadent® XIVE®  
Internal Hex FD

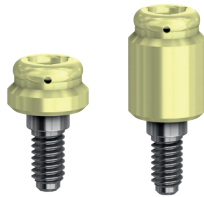
	NP	RP	WP	5.5
	3.4	3.8	4.5	5.5
GH 1,0mm	88.036/1	88.037/1		
GH 2,0mm	88.036/2	88.037/2		
GH 3,0mm	88.036/3	88.037/3		
GH 4,0mm	88.036/4	88.037/4		



BioHorizons® Internal  
Internal Hex BH

	3.0	NP	RP	WP
	3.0	3.5	4.5	5.7
GH 1,0mm		88.087/1	88.088/1	
GH 2,5mm		88.087/2	88.088/2	
GH 3,5mm		88.087/3	88.088/3	
GH 4,5mm		88.087/4	88.088/4	
GH 5,5mm		88.087/5		





MIS® Seven Internal Hex MI	NP 3.3	SP 3.75-4.2	WP 5.0-6.0	Multi-unit 4.8
GH 1,0mm		88.095/1	88.096/1	
GH 2,5mm		88.095/2	88.096/2	
GH 3,5mm		88.095/3	88.096/3	
GH 4,5mm		88.095/4	88.096/4	
GH 5,5mm		88.095/5		



Multi-Unit Connection Multi-Unit® Abutments	RP 4.8	WP MULTI-UNIT 6.5
	88.007	



Bar Attachment	88.100
----------------	--------

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

All DESS® ANGLEBase® screws and screwdrivers are based on the standard ISO 10664

3i® and 3i Certain®, Miniplant®, MicroMiniplant™ and Osseotite® are registered trademarks of 3i Implant Innovations, USA

ASTRA TECH™, OsseoSpeed™, ANKYLOS® C/X, XiVE®, FRIADENT®, ASTRATECH implant system™ EV and UniAbutment®

Cerec® are registered trademarks of DENTSPLY SIRONA Implants

BioHorizons® is a registered trademark of BioHorizons, INC.

Brånemark System®, NobelReplace® and Replace Select™, NobelActive™, NobelReplace® CC, NobelSpeedy™ and Multi-unit® are registered trademarks of Nobel Biocare AB,

Neodent®, Grand Morse® , Straumann® and synOcta® are registered trademarks of Straumann Holding AG, Switzerland

MIS® is a registered trademark of MIS Implant Technologies Ltd.

Zimmer Screw-Vent® and SwissPlus® are registered trademarks of Zimmer Dental INC, USA

Dyna® is a registered trademark of Dyna Dental Engineering BV

Locator® is a registered trademark of ZEST IP Holdings

Camlog® and Conelog® are registered trademarks of CAMLOG Biotechnologies AG

Megagen® is a registered trademark of MEGAGEN IMPLANT CO. LTD

Torx is a trademark of ACUMENT INTELLECTUAL PROPERTIES, LLC

Bego Semados® is a registered trademark of BEGO GmbH & Co. KG

Anthogyr® is a registered trademark of Anthogyr SAS

Medentis ICX® is a registered trademark of medentis medical GmbH

Osstem®, Hiossen® is a registered trademark of OSSTEM IMPLANT CO. LTD

Dentium® is a trademark of Dentium Co. Ltd.

GOBALD® is a trademark of Global D SASU.

Biotech Kontakt® is a trademark Biotech Dental SAS.

BTI® is a trademark BTI Biotechnology Institute.

PHIBO® is a trademark PHIBO Dental Solutions S.L.

DESS products can be used only by licensed dentists, physicians and labs.

Please refer ever to the instructions for use available on the website

**www.dessdental.com**

or supplied with the product.

Some products may not be available in your country. Some of the products are cleared for US and Canada.

Please contact your local distributor for more details.











[www.dessdental.com](http://www.dessdental.com)

DESSLOC-EN/2025