

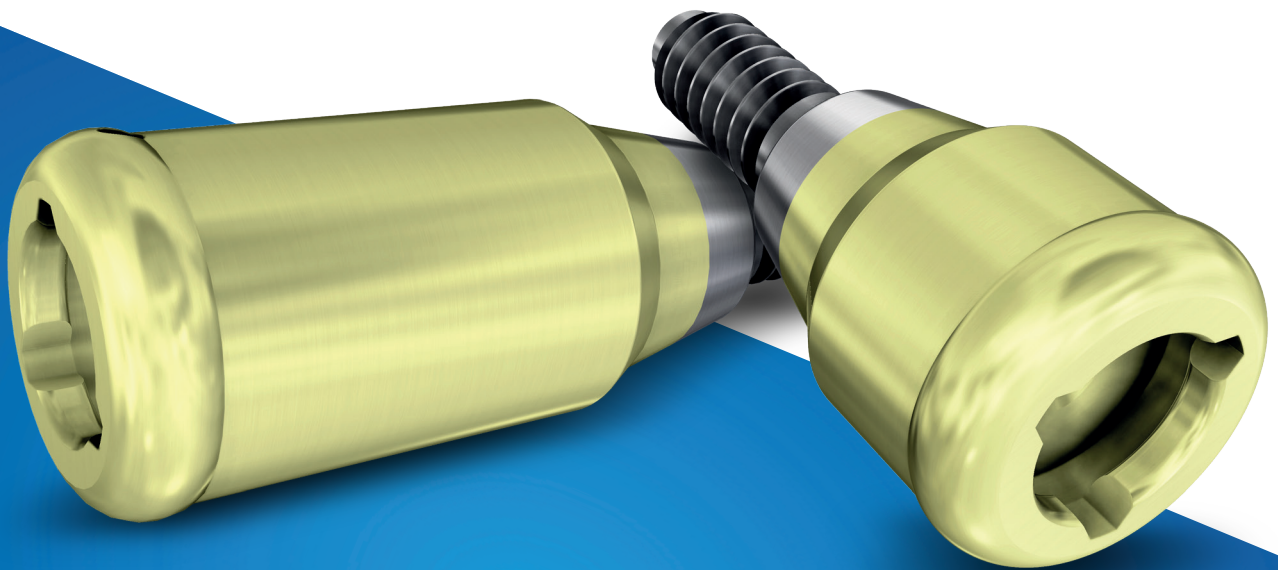


DESS

> DENTAL SMART SOLUTIONS

Catalogue

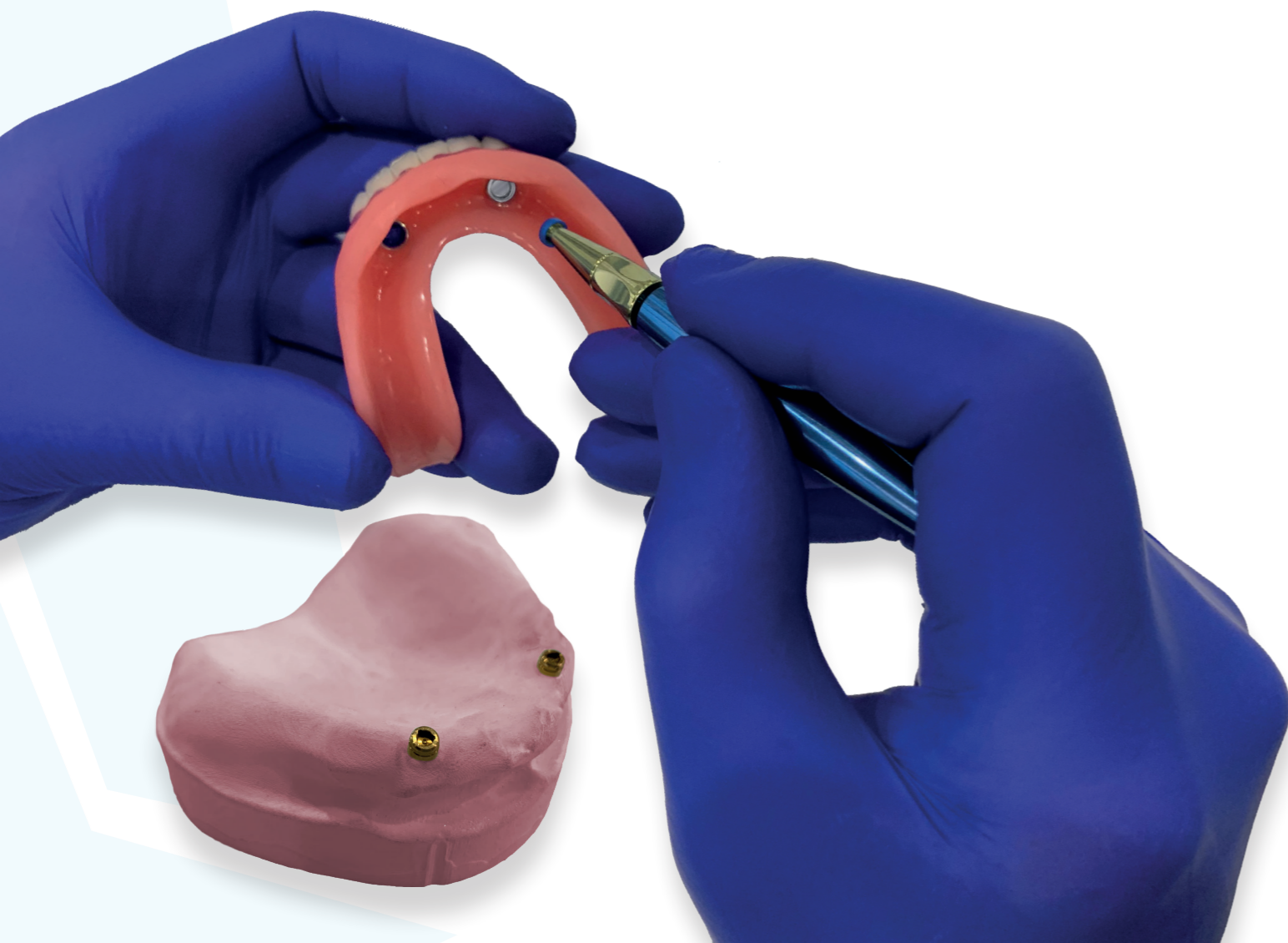
DESSLoc[®] 2024



DESSLoc®

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



periocoat®

ZrN

Enhanced Surface Treatment

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



Less biofilm genesis on the surface

With less biofilm and plaque, there will be less quantity and quality of bacteria that can cause soft tissue inflammation.



Increased collagen stability

ZrN creates less of an inflammatory burden and collagen degradation in the gingival tissue as evidenced by less aMMP8 biomarker in the gingival fluid.



Surface is more resistant to corrosion

Dental plaque produces acid that will corrode the surface and increase roughness. ZrN is harder and has a smaller friction coefficient, which makes it more resistant to corrosion.



Increased adhesion of fibroblasts

A higher adhesion of fibroblasts locks the path between the surface and soft tissue preventing bacteria to enter the gingival margin.



Six times harder than Titanium Oxide

Will not scratch as easily when cleaned using cures, ultrasound or other instruments.



ZrN has a warm gold hue

A warmer goldish hue has aesthetic advantages compared to the titanium grey.



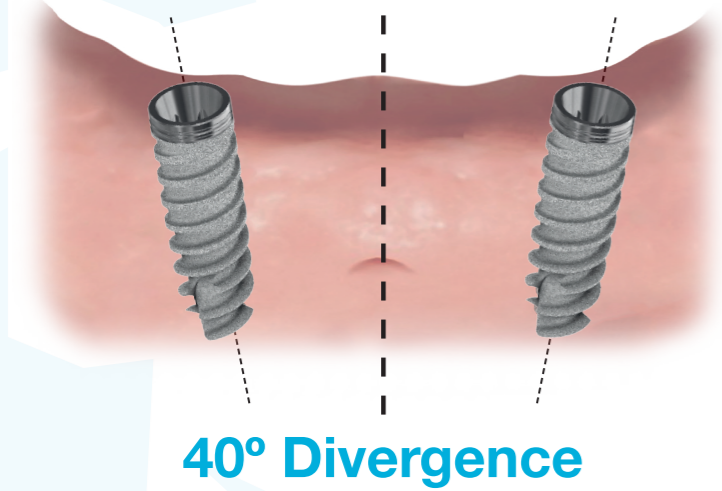
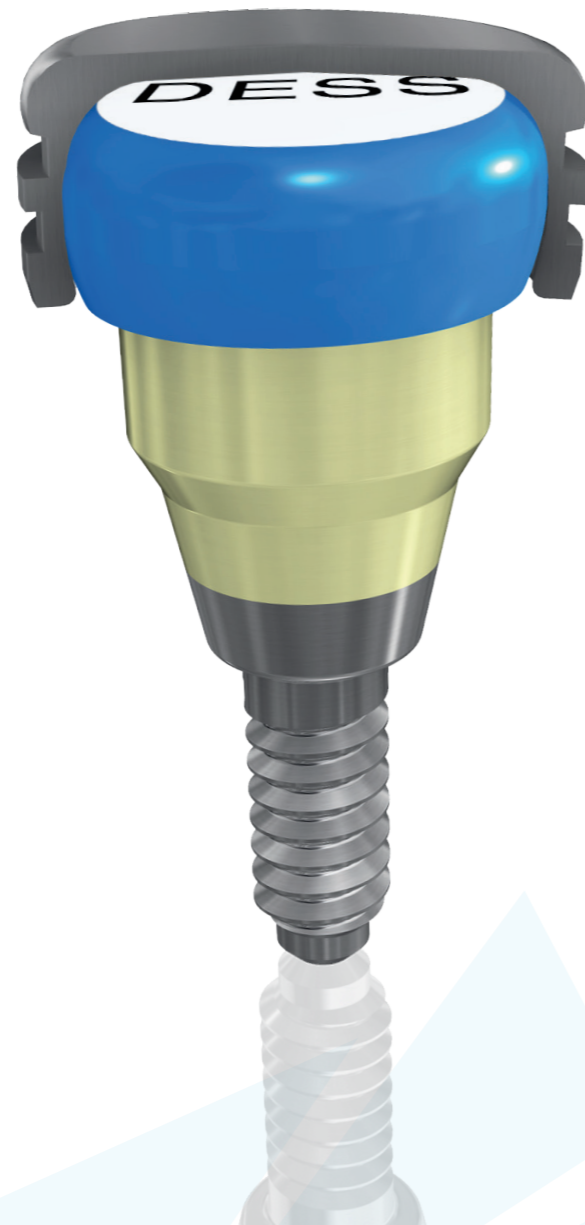
UP TO 40° ANGLE

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.



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 40°



Replacement & Maintenance:

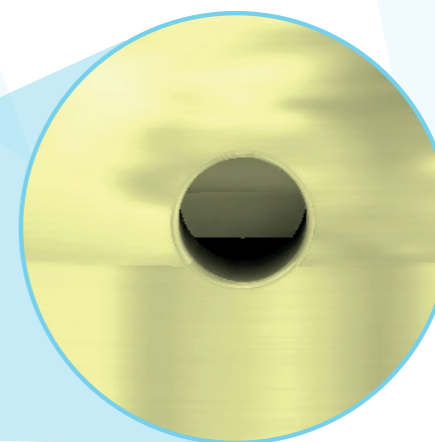
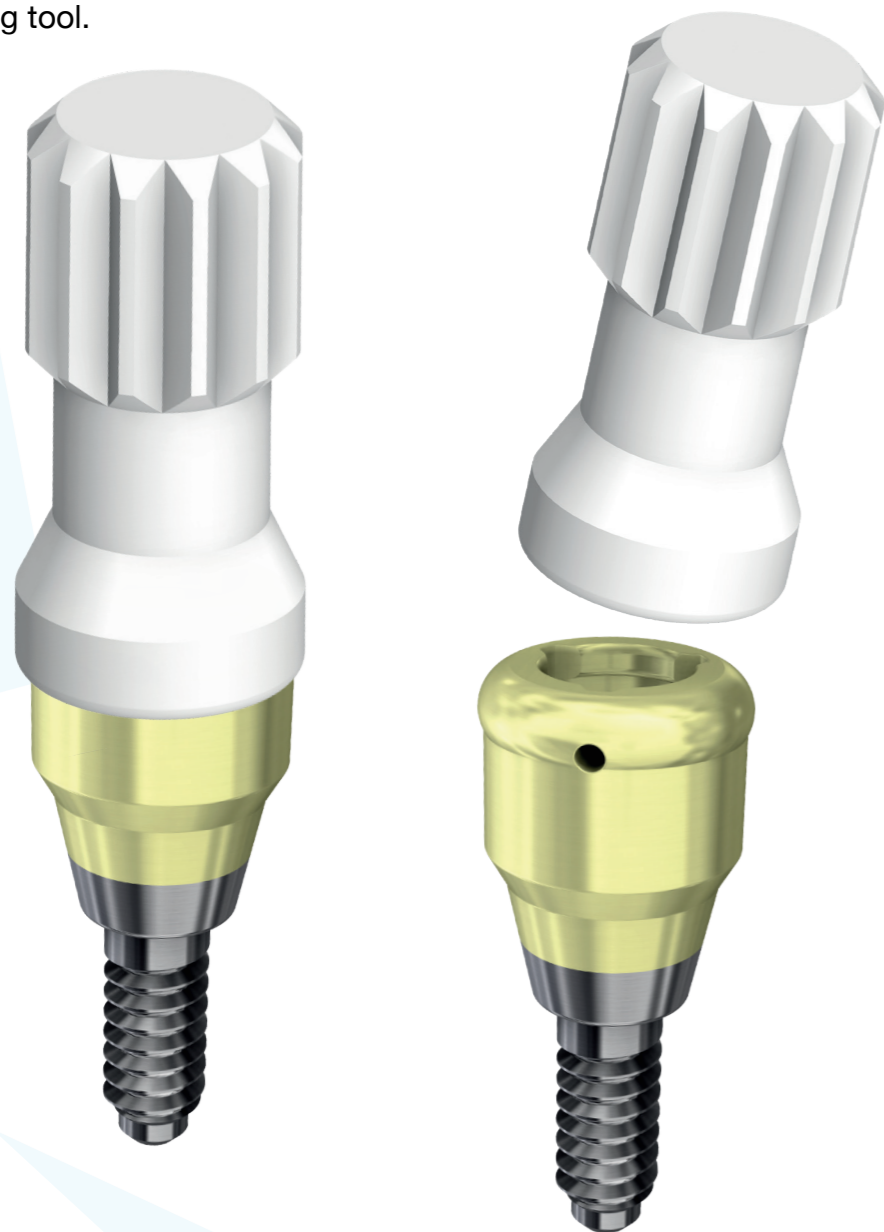
The DESSLoc® retention elements range has been developed to provide the correct amount of strength and control for each individual patient. Each kit contains 4 units of the same insert.

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

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.



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.

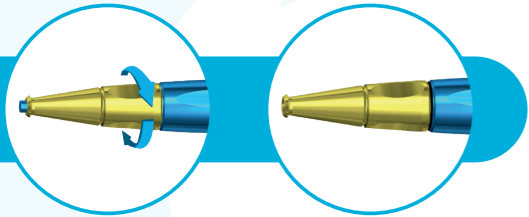
DESSLoc® Tool

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

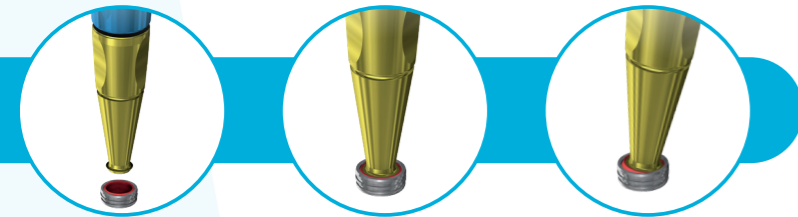


DESSLoc® retention elements removal and insertion tool

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.

2.

3.

1. Completely remove the gold part of the tool.

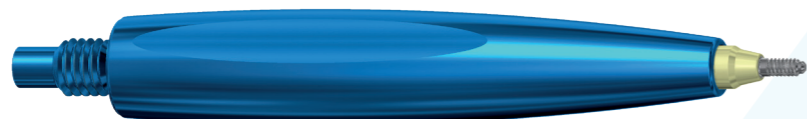
2. Place the new retainer on the end.

3. Press on the cup until you hear a “click”.

DESSLoc® 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®



Instructions for use:



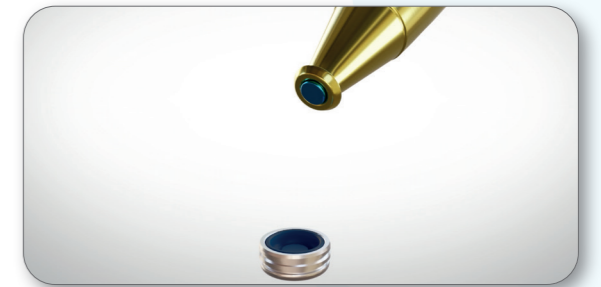
Place the DESSLoc® abutments and finger tighten them into position. Then checks the final overdenture fit.



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



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





SCAN ABUTMENTS



10 Pack.

53.153-P10

TRANSFER



17.054

DIGITAL ANALOGUE



Retention screw Hex 1,27 mm*
Platform Colour Coded

*Other retention screws available, see page 126

14.054/D

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



Nobel Biocare™ Adaptor from 8mm to square connection

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

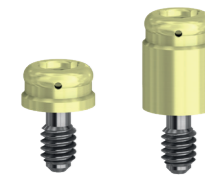
GH 1,0mm	88.004/1	88.005/1	
GH 2,0mm	88.004/2	88.005/2	
GH 3,0mm	88.004/3	88.005/3	
GH 4,0mm	88.004/4	88.005/4	



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

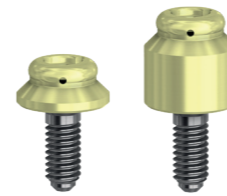
GH 1,0mm	88.011/1	88.012/1	88.013/1
GH 2,0mm	88.011/2	88.012/2	88.013/2
GH 3,0mm	88.011/3	88.012/3	88.013/3
GH 4,0mm	88.011/4	88.012/4	88.013/4
GH 5,0mm	88.011/5	88.012/5	88.013/5
GH 6,0mm	88.011/6 <i>FDA & Canada only</i>		88.013/6 <i>FDA & Canada only</i>



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 & Canada only</i>	88.015/6 <i>FDA & Canada only</i>	88.016/6 <i>FDA & 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 & Canada only</i>	88.018/6 <i>FDA & Canada only</i>	88.019/6 <i>FDA & 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

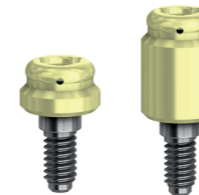
GH 1,0mm	88.065/1	88.066/1
GH 2,0mm	88.065/2	88.066/2
GH 3,0mm	88.065/3	88.066/3
GH 4,0mm	88.065/4	88.066/4



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	



Multi-Unit Connection

Multi-Unit® Abutments

RP	WP
MULTI-UNIT	
4.8	6.5

88.007



Bar Attachment

88.100

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