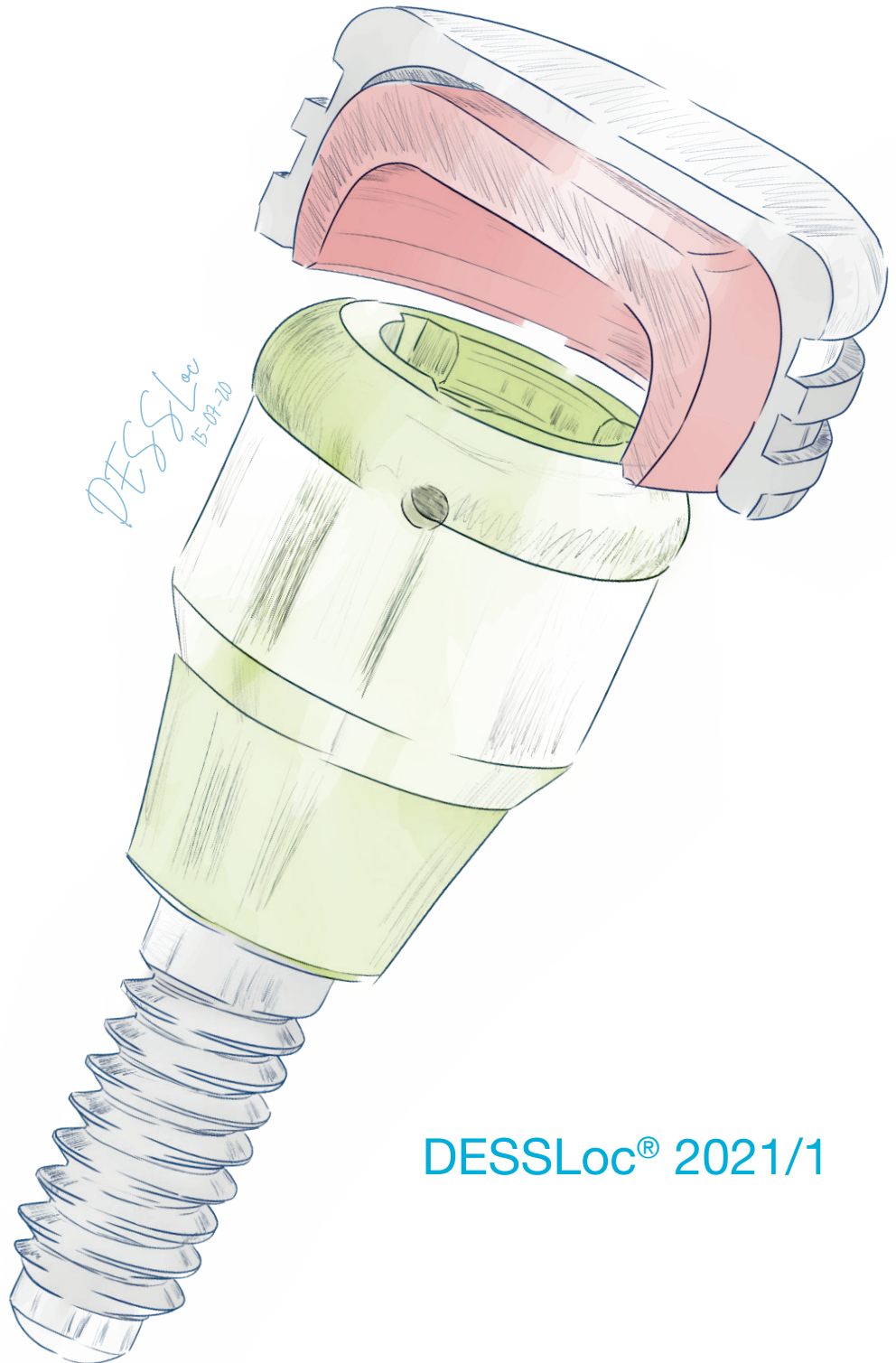




# DESS

> DENTAL SMART SOLUTIONS

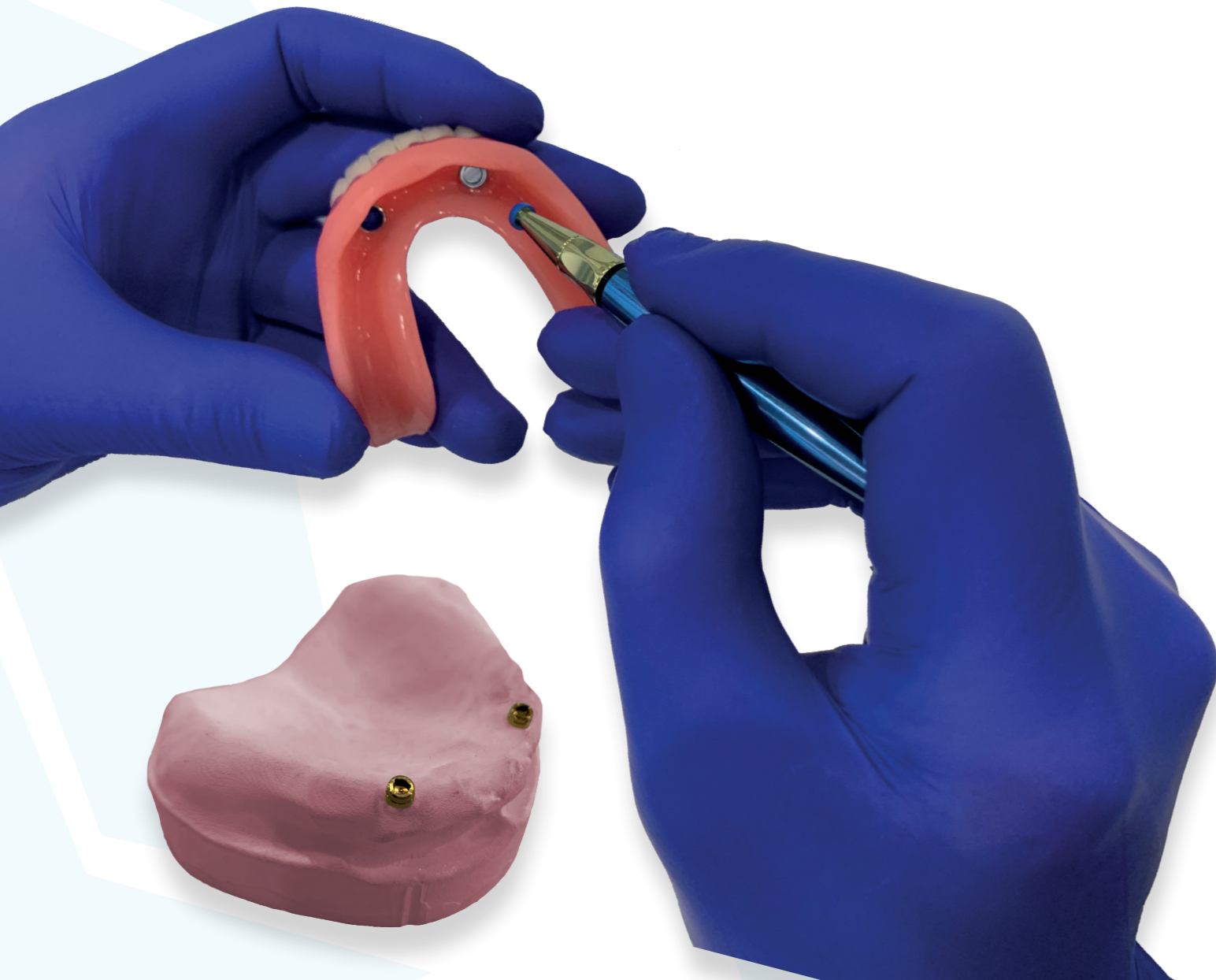


DESSLoc<sup>®</sup> 2021/1

# 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.

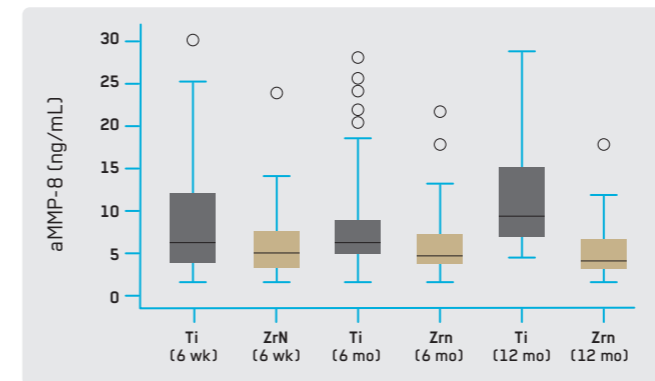
Focusing on patient experience DESSLoc® has been designed with a flexible point of engagement offering ease of insertion and removal. This reduces the possibility of wear caused by improper seating, which in turn makes the denture more comfortable for the patient.



## Surface Technology

The zirconium nitride surface treatment not only improves the overall mechanical resistance but also reduces gingival inflammation and plaque adhesion, making DESSLoc® the high performing choice in removal prosthesis.

- Reduces plaque adhesion
- Decreases gingival inflammation

















aMMP-8\* values of fluid from peri-implant sulcus in titanium (Ti) and Zirconium Nitride (ZrN) coated attachments at different times after prosthetic restoration.

(Matrix Metalloproteinase-8 Levels in Peri-implant Sulcus Fluid Adjacent to Titanium and Zirconium Nitride Surface, Richard Meissen, MSc1 Mariana Mintcheva, MSc1 Lutz etuschil, PhD Dr2, Int J Periodontics Restorative Dent 2014; 34:91-95. doi: 10.11607/prd.1504)

\* Presence of MMP-8 indicates an ongoing inflammation

## Available compatibilities:

	<b>NOBELACTIVE® &amp; NOBELREPLACE® CC</b> ACTIVE HEX		<b>STRAUMANN® SOFT TISSUE LEVEL &amp; synOcta®</b> OCTAGON		<b>DENTSPLY FRIADENT® XIVE®</b> INTERNAL HEX FD
	<b>NOBEL REPLACE SELECT™</b> TRI-LOBE		<b>STRAUMANN® BONE LEVEL</b> CONICAL BL		<b>DENTSPLY ANKYLOS® C/X</b> INTERNAL ANK
	<b>NOBEL BRÅNEMARK®</b> EXTERNAL HEX UNIVERSAL		<b>ZIMMER SCREW-VENT®</b> INTERNAL HEX USA		<b>CAMLOG®</b> INTERNAL CAM
	<b>3i OSSEOTITE®</b> EXTERNAL HEX USA		<b>ASTRA TECH IMPLANT SYSTEM EV™</b> Conic EVO		<b>BIOHORIZONS®</b> INTERNAL HEX BH
	<b>3i CERTAIN®</b> INTERNAL HEX "CLILCK"		<b>ASTRA TECH OSSEOSPEED™</b> INTERNAL HEX CONIC		



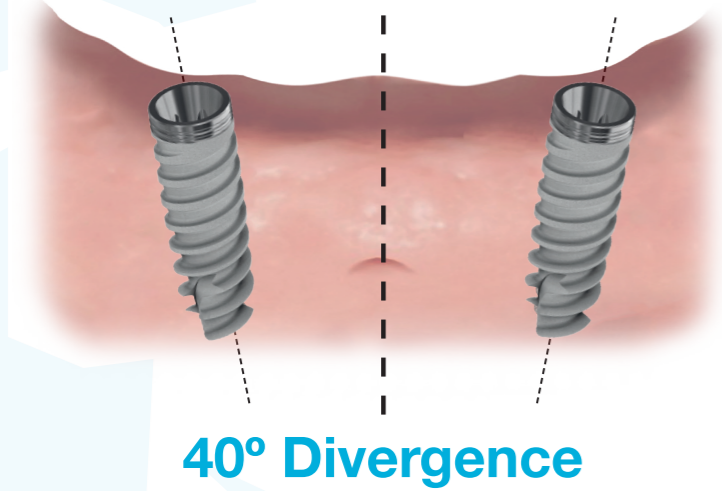
# UP TO 40° ANGLE

## 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.



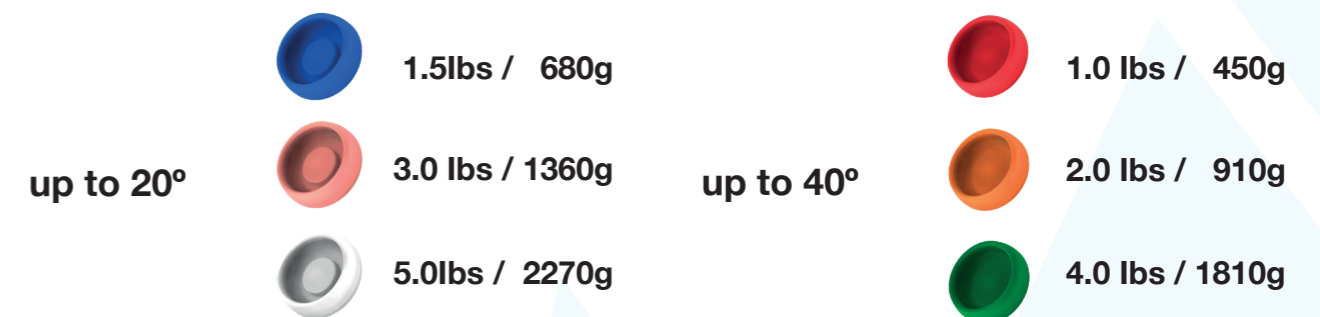
## Choose the retention level:

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



## Replacement & Maintenance:

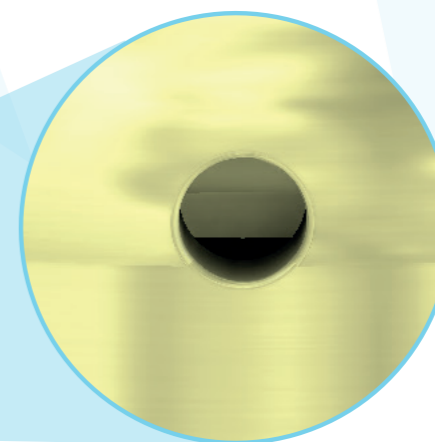
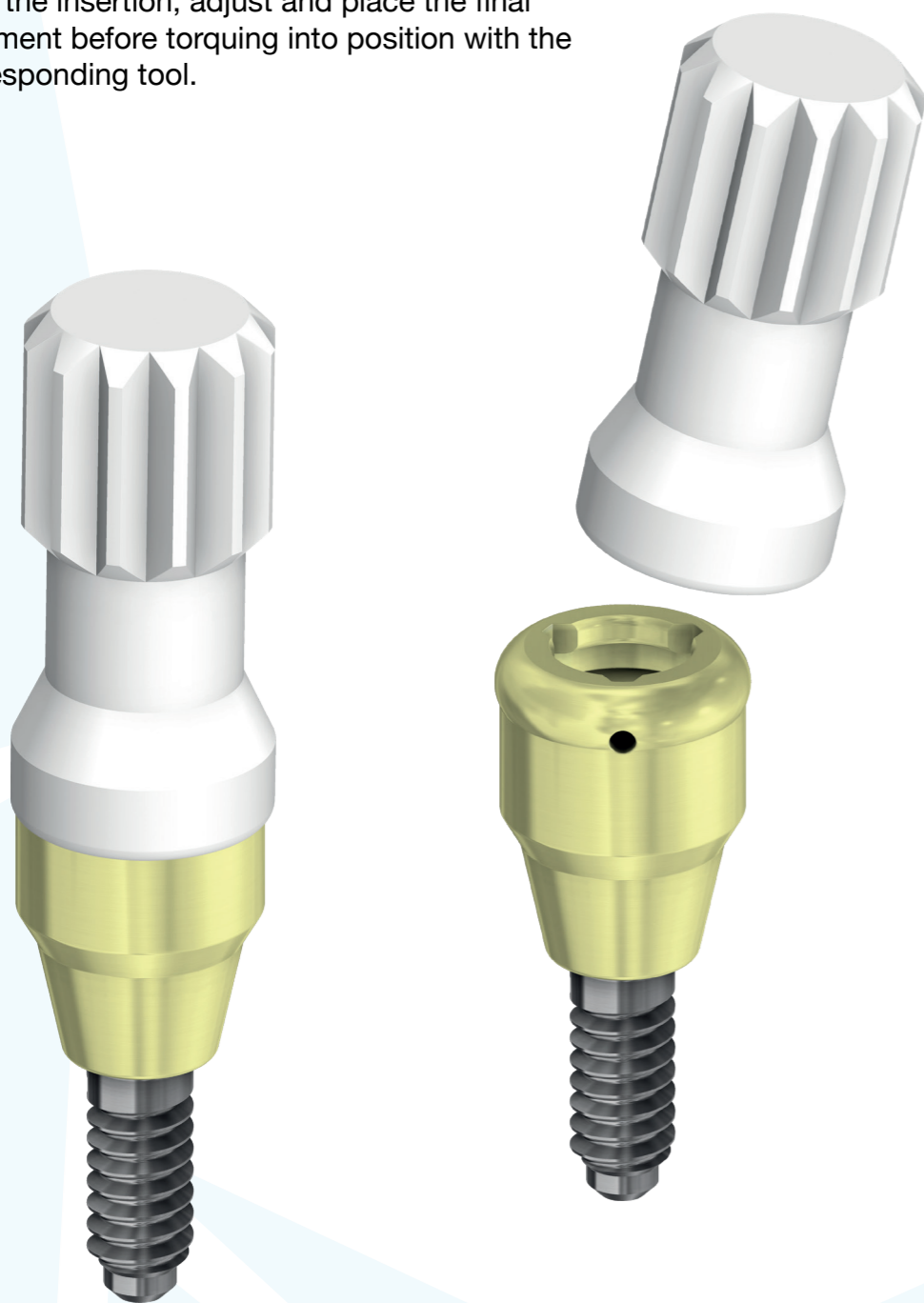
The DESSLoc® retention elements range has been developed to provide the correct amount of strength and control for each individual patient. Each kit contains 4 units of the same insert.



**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

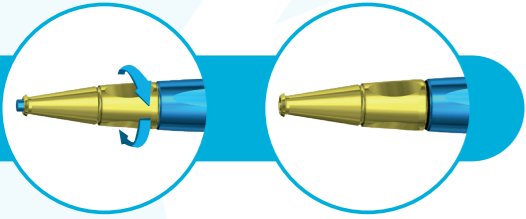
Designed to hold the abutment safely, the DESSLoc® tool will give more control and better torque transmission.



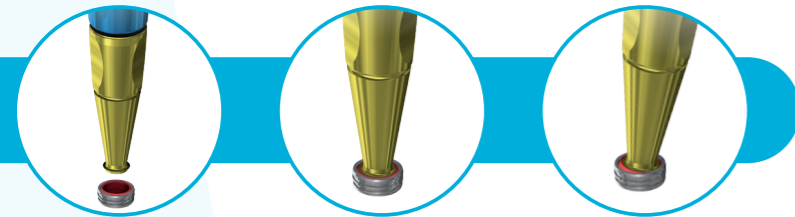


# DESSLoc® retention elements removal and insertion tool

## 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. Completely remove the gold part of the tool.

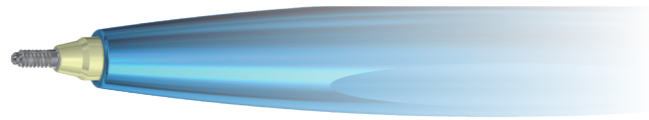
2. Place the new retainer on the end.

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

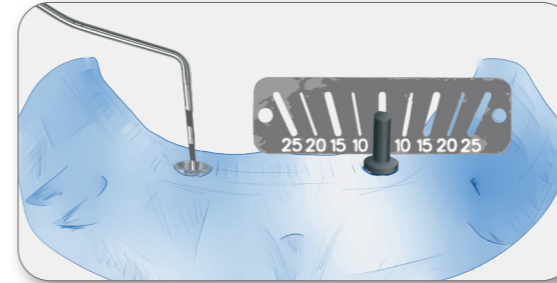
## DESSLoc® INSERTION



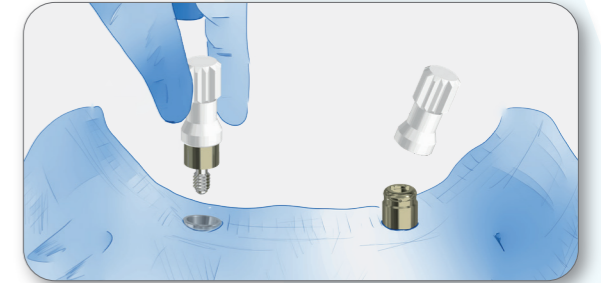
1. Use the back of the PHLOC tool to facilitate placement on the models. Fit the tool with the upper part of the DESSLoc®



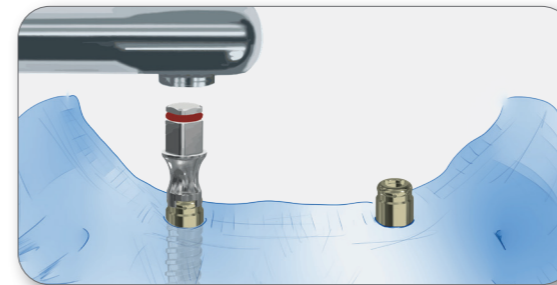
# Instructions for use:



1. Remove screw cap / healing abutment and measure implant position to select the correct abutment height.



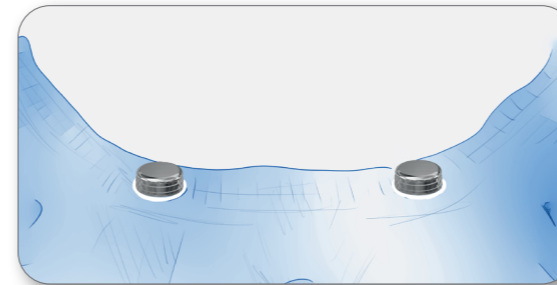
2. Place the DESSLoc® abutments and finger tighten them into position. Then checks the final overdenture fit.



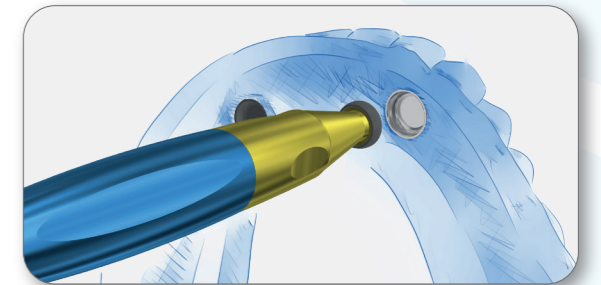
3. Using the DESSLoc® tool and the correct torque wrench, adjust to the recommended torque.



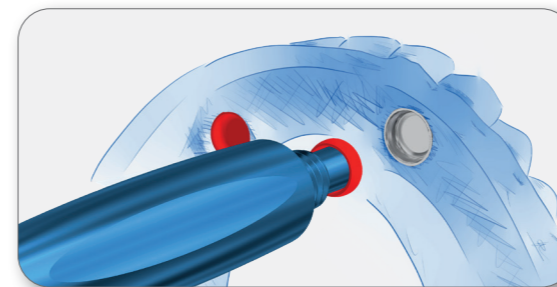
4. Press the DESSLoc® Transfer until it snaps into place. Apply impression material around the copings. Fill the impression tray and place in the mouth.



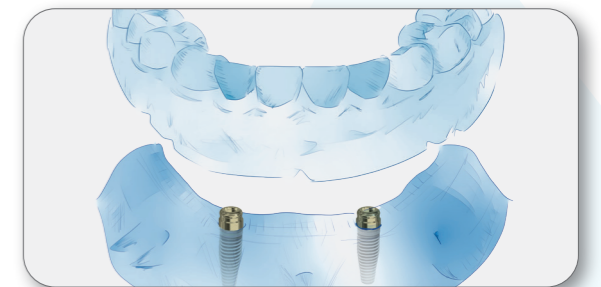
5. Press the metal caps into the transfers in the impression and pour the material to create the cast. Place the spacer rings over the analogues.



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



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



\*Not available in the U.S



## SCAN ABUTMENTS



10 Un

53.153-P10

## TRANSFER



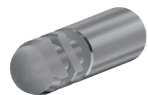
17.054

## DIGITAL ANALOGUE



14.054/D

## ANALOGUE







10 Un


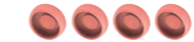




14.054

14.054-P10

## Retention Kits

	0° - 20°	x1	DLRK-P1
	0° - 20°	x2	DLRK-P2
	0° - 40°	x1	DLER-P1
	0° - 40°	x2	DLER-P2

## Males

	0° - 20°	x4	DLN2-P4
	0° - 20°	x4	DLN3-P4
	0° - 20°	x4	DLN4-P4
	0° - 40°	x4	DLN1-P4
	0° - 40°	x4	DLN6-P4
	0° - 40°	x4	DLN7-P4

## SPECIAL TOOLS



Direct to torque wrench Nobel Biocare™ DTACTLOC



Direct to torque wrench Straumann® DTSTRLOC



DESSLoc® DTLOC



Adaptor from Straumann® torque wrench to square connection DTSTSQ



Nobel Biocare™ Adapter 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	



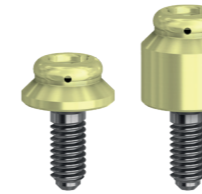
**3i Certain®**  
Internal Hex "CLICK"

	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	



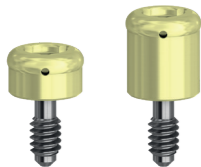
**NobelReplace Select™**  
Tri-Lobe

	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		



**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	



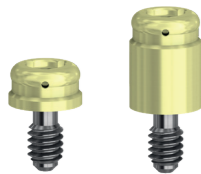
**Nobel Brånemark®**  
External Hex Universal

	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	



**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	



**3i Osseotite®**  
External Hex USA

	NP	RP	WP
	3.4	4.1	5.0
GH 1,0mm	88.011/1	88.002/1	88.013/1
GH 2,0mm	88.011/2	88.002/2	88.013/2
GH 3,0mm	88.011/3	88.002/3	88.013/3
GH 4,0mm	88.011/4	88.002/4	88.013/4
GH 5,0mm	88.011/5	88.002/5	



**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	



**Astra Tech implant system™ EV**  
Conic EVO

	EV/3.0	EV/3.6	EV/4.2	EV/4.8	EV/5.4
	3.0	3.6	4.2	4.8	5.4

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		



**Dentsply 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 implant 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			88.025/5



**Camlog®**  
Internal CAM

	3.3	3.8	4.3	5.0
	3.3	3.8	4.3	5.0

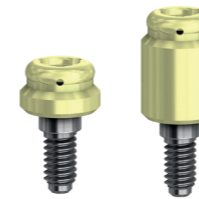
GH 1,0mm	88.065/1	88.066/1
GH 2,0mm	88.065/2	88.066/2
GH 3,0mm	88.065/3	88.066/3
GH 4,0mm	88.065/4	88.066/4



**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	SP	WP	Multi-unit
	3.3	3.75-4.2	5.0-6.0	4.8
GH 1,0mm		88.017/1	88.018/1	
GH 2,5mm		88.017/2	88.018/2	
GH 3,5mm		88.017/3	88.018/3	
GH 4,5mm		88.017/4	88.018/4	
GH 5,5mm		88.017/5		



**Multi-Unit Connection**

RP	WP
MULTI-UNIT 4.8	6.5
88.007	



**Bar Attachment**

88.100

All DESS products are manufactured according to ISO 9001:2015 and ISO 13485:2016 with CE marking for all products Class IIb

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# DESS

> DENTAL SMART SOLUTIONS



