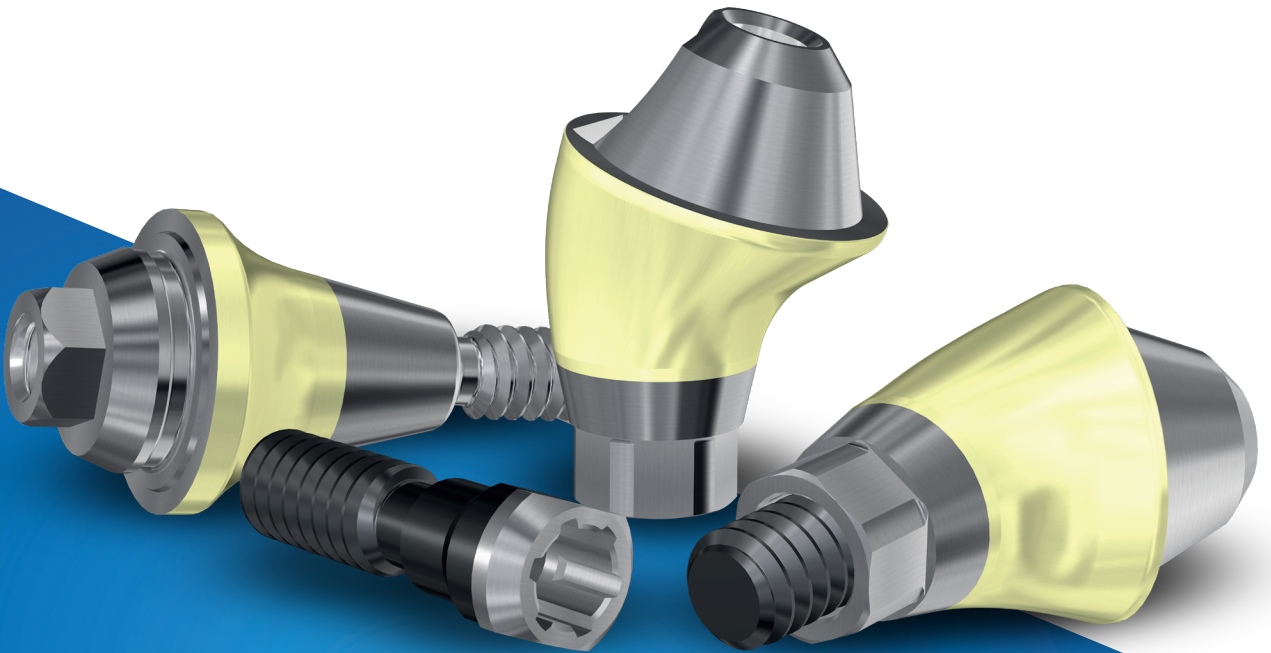




Catalogue

Multi-Unit 2024



MULTI-UNIT

When it comes to partial and full arch restorations, DESS® offers the most comprehensive range of transepithelial abutments, including UniAbutments, converter abutments and Multi-units. DESS® offers solutions for original implant systems, even when these components are not available as standard in their range.

One key advantage of using the DESS® Multi-unit range, is the standardization achieved with a unique prosthetic platform across the different implant compatibilities; this together with the standardized treatment protocol, achieves a higher rate of success, especially when it comes to cases with several different implant systems

Main advantages in the use of Multi-unit abutments:

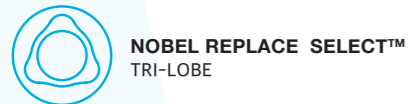
- Full-arch rehab with 4 to 6 implants
- Shorter treatment times
- Graftless procedure
- Correct insertion axis of the prosthesis-implant connection
- Different gingival heights to allow adjusting for different implant depths

Free Multi-unit and UniAbutment libraries on our website: www.dess-abutments.com. These will allow you to freely design structures on most CAD/CAM systems.

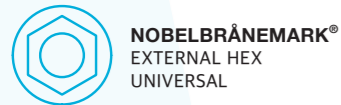
Available compatibilities*:



NOBELACTIVE® & NOBELREPLACE® CC
ACTIVE HEX



NOBEL REPLACE SELECT™
TRI-LOBE



NOBELBRÅNEMARK®
EXTERNAL HEX
UNIVERSAL



3i OSSEOTITE®
EXTERNAL HEX USA



STRAUMANN® BONE LEVEL
CONICAL BL



STRAUMANN® BLX
CONICAL BLX



NEODENT GRAND MORSE®
NEO GM



ZIMMER SCREW-VENT®
INTERNAL HEX USA



ASTRA TECH IMPLANT SYSTEM™ EV
CONIC EVO



ASTRA TECH OSSEOSPEED™
INTERNAL HEX CONIC



OSSTEM® TS
CONIC OSS



BIOHORIZONS® INTERNAL
INTERNAL HEX BH



MIS® SEVEN
INTERNAL HEX MI



DENTIUM SUPERLINE™ & IMPLANTIUM®
CONIC DENT

Straight & Angled abutments

Designed with the precise DESS® connection, our Multi-unit range has an optimal fit between the abutment and the implant connection.



Available in 14 compatibilities, different gingival heights, and a choice of 0°, 17° and 30° angulation, the DESS® range offers you the most complete range in the market.



Up to 5 different gingival heights to adapt to almost every clinical case

(* As of March 2021, please check with your local distributor for availability)

THE ULTIMATE MULTIUNIT

A full thread in the connection cone means a safer and more stable prosthesis.

The vertical access of the screw facilitates placement, while allowing you to tighten to a maximum torque of 35Ncm* avoiding screw loosening and improving the stability of the Multi-Unit abutment.

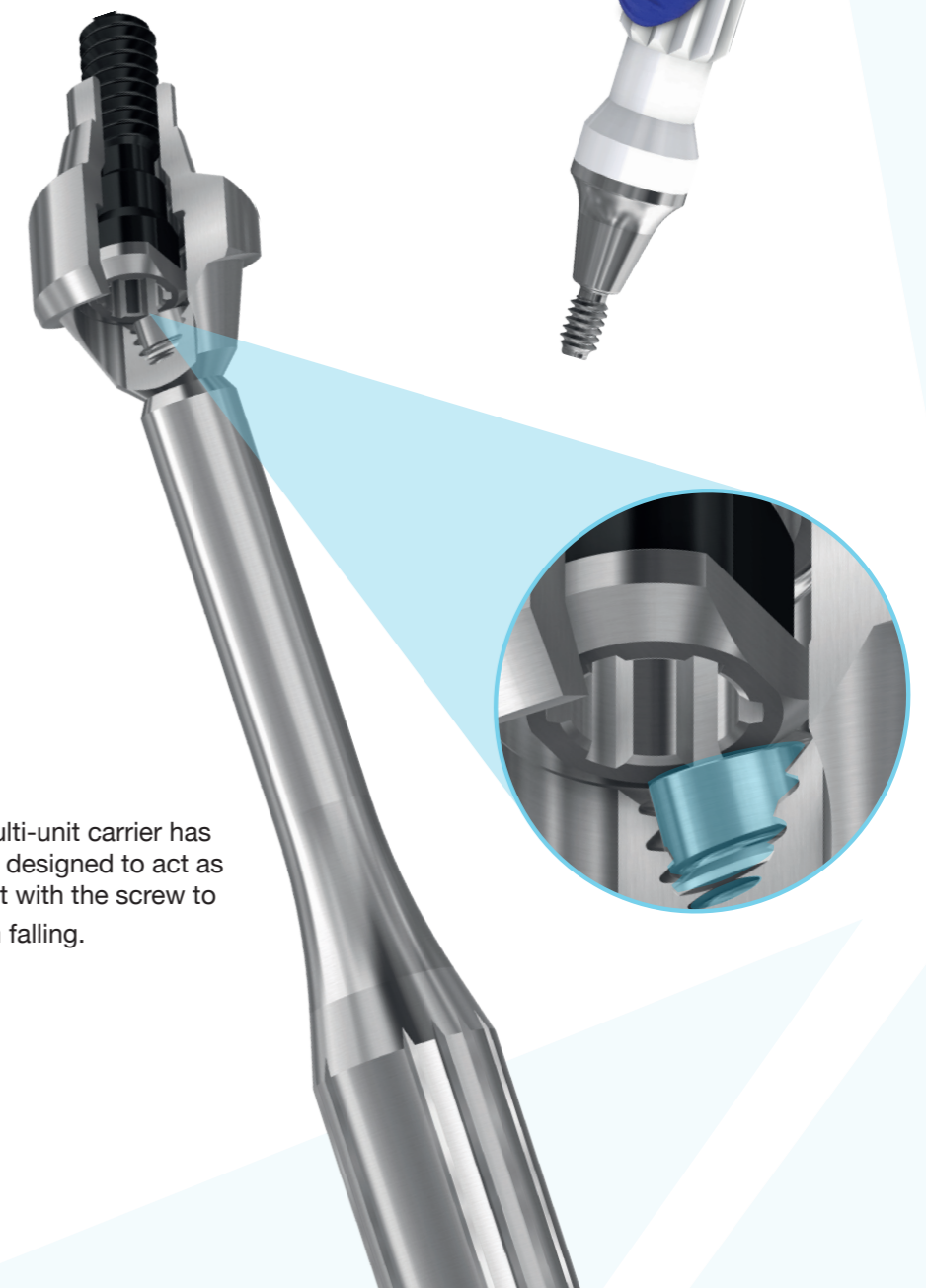
*According to compatibility

Full shaped connection provides more stability.

The top part of DESS® Multi-units is the same as the Nobel System, independently of the chosen system

Carriers

All our Multi-unit abutments include a carrier, which will help you place correctly the abutment.



The angled Multi-unit carrier has been specially designed to act as a contact point with the screw to prevent it from falling.

MULTI-UNIT



8mm



6mm

Ti-Base for Multi-unit

Available with two different shaft heights the DESS® Ti-Base allows you to choose according to the needs of your clinical case.

ANGLEBase® for Multi-unit

Our Angulated screw channel solution that gives you total angular freedom. Additional 25° entry with 360° rotation on its axis allows you to get the exact angle you need.



DESSLoc® for Multi-unit

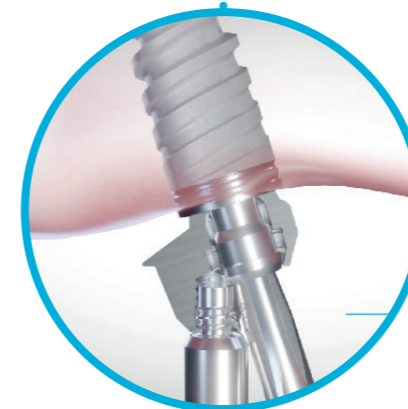
Transform a fixed prosthesis into a removal overdenture with DESSLoc® for Multi-unit.

Special tool

Adjust to the recommended torque using the DESS® Multi-unit tool attached to a torque wrench.



Place straight Multi-units by hand and snap the transporter out. Use the straight Multi-unit tool (RP or WP) with a manual torque wrench to tighten the straight mlti-unit abutment according to the recommended torque shown in the table at the end of this document.



Place the angulated Multi-unit and tighten the final screw, according to the recommended torque in the table at the end of this document, then unscrew the transporter.



Use The DESS scan abutments, to work on your CAD/CAM System or take the impression with the DESS transfers for Multi-unit.



Insert fixed prosthesis and tighten the prosthetic screws by alternating left and right side. Finally tighten the prosthetic screws at a maximum of **15Ncm**.

The abutment screw is the same as the Nobel Multiunit screw

It is recommended to schedule a patient visit, 10 days after fitting the overdenture to check and re-tighten the screw

MULTI-UNIT CONNECTION

 non-engaging



Platform Colour Coded





ANALOGUE

RP
4.8
MULTI-UNIT
WP
6

14.007
14.047
10 Pack. 14.007-P10









HEALING ABUTMENT

RP
4.8
MULTI-UNIT
WP
6

Uni Grip		20.100	20.054
Hex 1,20mm		20.100H120	
Hex 1,22mm		20.100H122	
Hex 1,27mm		20.100H127	



TEMPORARY ABUTMENT

Uni Grip			24.007	24.030
Hex 1,20mm			24.007H120 19.055	
Hex 1,22mm			24.007H122 19.065	
Hex 1,27mm			24.007H127 19.110	

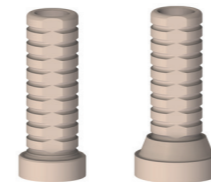
SCAN ABUTMENTS



50.007



52.007 52.047



TEMPORARY ABUTMENT PEEK

Uni Grip			25.707	25.754
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EXTISA extender for 52.xxx.



52.xxx includes manual tool DTPEIPEEK.













TRANSFER

17.007 17.050

5,0mm		17.507	
5,0mm	4 Pack.	17.507-P4	
8,0mm		17.807	
8,0mm	4 Pack.	17.807-P4	



TI-BASE

6,0mm	Uni Grip			15.007	15.054
6,0mm	Uni Grip			15.007-P10	
6,0mm	Hex 1,20mm			15.007H120 19.055	
6,0mm	Hex 1,22mm			15.007H122 19.065	
6,0mm	Hex 1,27mm			15.007H127 19.110	
8,0mm	Uni Grip			15.007/8	

DIGITAL ANALOGUE

Retention screw Hex 1,27 mm*

14.007/D

14.047/D



*Other retention screws available, see page 159



Platform Colour Coded



TI-BASE CASTABLES

5 Pack.		32.007-P5	32.054-P5
5 Pack.		32.007/8-P5	



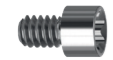
ANGLEBase®

		RP MULTI-UNIT 4.8	WP MULTI-UNIT 6
	○	36.007	36.054
10 Pack.	○	36.007-P10	

PLASTIC SLEEVES FOR ANGLEBase®

	5 Pack.	0°	33.700-P5
	5 Pack.	10°	33.701-P5
	5 Pack.	20°	33.702-P5

Torx Screw ANGLEBase®



(replacement screw)	19.306
Recommended torque	15 Ncm 15 Ncm

Torx BALL SCREWDRIVER



	20mm	24mm	30mm	35mm
	DT20TB06	DT24TB06	DT30TB06	DT35TB06

SCREWS FOR SUPERSTRUCTURES

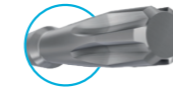
	10 Pack.		Torx	19.069-P10
	10 Pack.	DLC	Torx	19.269-P10
	10 Pack.		Hex 1,20mm	19.093-P10
	10 Pack.		Hex 1,22mm	19.094-P10
	10 Pack.		Hex 1,27mm	19.095-P10
	10 Pack.		UG	19.096-P10

Recommended torque 20 Ncm



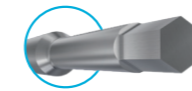
SCREW UG

	RP MULTI-UNIT 4.8	WP MULTI-UNIT 6
	19.006	19.031
10 Pack.	19.006-P10	
DLC	19.206	19.231



	Hex 1,20mm	19.055
	Hex 1,22mm	19.065
	Hex 1,27mm	19.110

Recommended torque 15 Ncm 15 Ncm



DESSLoc®



88.007

CoCr BASE



6,0mm	○	30.007	30.054
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CASTABLE



	○	28.007	28.054
10 Pack.	○	11.007-P10	11.054-P10



NobelActive® & NobelReplace® CC
Active Hex

3.0 **NP** **RP** **WP**

3.0 **3.5** **4.3/5.0** **5.5**

GH	Angle	NP	RP
GH 1,5mm	0°	40.007/1	40.008/1
GH 2,5mm	0°	40.007/2	40.008/2
GH 3,5mm	0°	40.007/3	40.008/3
GH 4,5mm	0°		40.008/4
GH 2,5mm	17°	41.707/2	41.708/2
GH 3,5mm	17°	41.707/3	41.708/3
GH 3,5mm	30°	43.007/3	43.008/3
GH 4,5mm	30°	43.007/4	43.008/4

4.8
MULTI-UNIT PLATFORM



NobelReplace Select™
Tri-lobe

NP **RP** **WP** **6.0**

NP/3.5 **RP/4.3** **WP/5.0** **6.0**

GH	Angle	NP	RP	WP
GH 1,0mm	0°	40.004/1	40.005/1	40.006/1
GH 2,0mm	0°	40.004/2	40.005/2	40.006/2
GH 3,0mm	0°	40.004/3	40.005/3	40.006/3
GH 4,0mm	0°		40.005/4	
GH 5,0mm	0°		40.005/5	

4.8
MULTI-UNIT PLATFORM



MUA+



NobelActive® & NobelReplace® CC
Active Hex

3.0 **NP** **RP** **WP**

3.0 **3.5** **4.3/5.0** **5.5**

GH	Angle	NP	RP
GH 1,5mm	0°	42.404/1	42.405/1
GH 2,5mm	0°	42.404/2	42.405/2
GH 3,5mm	0°	42.404/3	42.405/3
GH 4,5mm	0°		42.405/4
GH 2,5mm	17°	46.404/2	46.405/2
GH 3,5mm	17°	46.404/3	46.405/3
GH 3,5mm	30°	47.404/3	47.405/3
GH 4,5mm	30°	47.404/4	47.405/4

4.8
MULTI-UNIT PLATFORM



Nobel Brånemark®
External Hex Universal

NP **RP** **WP**

NP/3.5 **RP/4.1** **WP/5.1**

GH	Angle	NP	RP	WP
GH 1,0mm	0°	40.001/1	40.002/1	40.003/1
GH 2,0mm	0°	40.001/2	40.002/2	40.003/2
GH 3,0mm	0°	40.001/3	40.002/3	40.003/3
GH 4,0mm	0°		40.002/4	
GH 5,0mm	0°		40.002/5	

4.8 6.5
MULTI-UNIT PLATFORM



3i Osseotite®
External Hex USA

			NP	RP	WP
			3.4	4.1	5.0
GH 1,0mm	0°	○	40.009/1	40.017/1	
GH 2,0mm	0°	○	40.009/2	40.017/2	
GH 3,0mm	0°	○	40.009/3	40.017/3	
GH 4,0mm	0°	○		40.017/4	
GH 5,0mm	0°	○		40.017/5	
GH 2,0mm	17°	⬡		41.712/2	
GH 3,0mm	17°	⬡		41.712/3	
GH 4,0mm	17°	⬡		41.712/4	
GH 3,0mm	30°	⬡		43.012/3	
GH 4,0mm	30°	⬡		43.012/4	
GH 5,0mm	30°	⬡		43.012/5	

4.8
MULTI-UNIT PLATFORM



A

NEW
MUA+

Straumann® bone level
Conical BL

			NP	RP	NP/RP
			NC/3.3	RC/4.1-4.8	NC/RC
GH 1,5mm	0°	○	42.443/1	42.444/1	
GH 2,5mm	0°	○	42.443/2	42.444/2	
GH 3,5mm	0°	○	42.443/3	42.444/3	
GH 4,5mm	0°	○		42.444/4	
A corner	GH 2,5mm	⬡	46.443/2	46.444/2	
A corner	GH 3,5mm	⬡	46.443/3	46.444/3	
A corner	GH 3,5mm	⬡	47.443/3	47.444/3	
A corner	GH 4,5mm	⬡	47.443/4	47.444/4	

4.8
MULTI-UNIT PLATFORM



Straumann® bone level
Conical BL

			NP	RP	NP/RP
			NC/3.3	RC/4.1-4.8	NC/RC
GH 1,5mm	0°	○	40.043/1	40.044/1	
GH 2,5mm	0°	○	40.043/2	40.044/2	
GH 3,5mm	0°	○	40.043/3	40.044/3	
GH 4,5mm	0°	○		40.044/4	
GH 2,5mm	17°	⬡	41.743/2	41.744/2	
GH 3,5mm	17°	⬡	41.743/3	41.744/3	
GH 3,5mm	30°	⬡	43.043/3	43.044/3	
GH 4,5mm	30°	⬡	43.043/4	43.044/4	

4.8
MULTI-UNIT PLATFORM



Straumann® BLX
Conical BLX

			RB/WB	WB
			3.5	4.5
GH 1,5mm	0°	○	40.062/1	40.062/1
GH 2,5mm	0°	○	40.062/2	40.062/2
GH 3,5mm	0°	○	40.062/3	40.062/3
GH 2,5mm	17°	⬡	41.762/2	41.762/2
GH 3,5mm	17°	⬡	41.762/3	41.762/3
GH 3,5mm	30°	⬡	43.062/3	43.062/3
GH 4,5mm	30°	⬡	43.062/4	43.062/4

4.8
MULTI-UNIT PLATFORM

NEW
MUA+



Neodent grand Morse®
Neo GM

GM

GH 0,8mm	0°	○	42.435/1
GH 1,5mm	0°	○	42.435/2
GH 2,5mm	0°	○	42.435/3
GH 3,5mm	0°	○	42.435/4
GH 1,5mm	17°	⬡	46.435/2
GH 2,5mm	17°	⬡	46.435/3
GH 1,5mm	30°	⬡	47.435/3
GH 2,5mm	30°	⬡	47.435/4



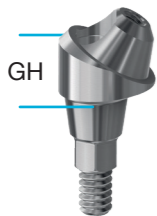
Zimmer Screw-vent®
Internal Hex USA

NP **RP** **WP**

3.5 **4.5** **5.7**

GH 1,0mm	0°	○	40.019/1	40.020/1
GH 2,0mm	0°	○	40.019/2	40.020/2
GH 3,0mm	0°	○	40.019/3	40.020/3
GH 4,0mm	0°	○	40.019/4	40.020/4
GH 5,0mm	0°	○	40.019/5	40.020/5
GH 2,5mm	17°	⬡	41.719/2	41.720/2
GH 3,5mm	17°	⬡	41.719/3	41.720/3
GH 3,5mm	30°	⬡	43.019/3	43.020/3
GH 4,5mm	30°	⬡	43.019/4	43.020/4

4.8
MULTI-UNIT PLATFORM



Neodent grand Morse®
Neo GM

GM

GH 1,5mm	0°	○	40.035/1
GH 2,5mm	0°	○	40.035/2
GH 3,5mm	0°	○	40.035/3
GH 2,5mm	17°	⬡	41.735/2
GH 3,5mm	17°	⬡	41.735/3
GH 3,5mm	30°	⬡	43.035/3
GH 4,5mm	30°	⬡	43.035/4



**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 1,5mm	0°	○	40.406/1	40.027/1	40.036/1	40.037/1	40.407/1
GH 2,5mm	0°	○	40.406/2	40.027/2	40.036/2	40.037/2	40.407/2
GH 3,5mm	0°	○	40.406/3	40.027/3	40.036/3	40.037/3	40.407/3
GH 3,5mm	17°	⬡		41.727/3	41.736/3	41.737/3	
GH 4,5mm	17°	⬡		41.727/4	41.736/4	41.737/4	
GH 4,5mm	30°	⬡		43.027/4	43.036/4	43.037/4	
GH 5,5mm	30°	⬡		43.027/5	43.036/5	43.037/5	

4.8
MULTI-UNIT PLATFORM



Astra Tech Osseospeed™
Internal Hex Conic

			NP	RP	WP
			3.0	3.5-4.0	4.5-5.0
GH 1,5mm	0°	○		40.024/1	40.025/1
GH 2,5mm	0°	○		40.024/2	40.025/2
GH 3,5mm	0°	○		40.024/3	40.025/3
GH 3,5mm	17°	○		41.724/3	41.725/3
GH 4,5mm	17°	○		41.724/4	41.725/4
GH 4,5mm	30°	○		43.024/4	43.025/4
GH 5,5mm	30°	○		43.024/5	43.025/5

4.8
MULTI-UNIT PLATFORM



MIS® Seven
Internal Hex MI

			NP	SP	WP	Multi-unit
			3.3	3.75-4.2	5.0-6.0	4.8
GH 5,0mm	0°	○		40.095/5		
GH 3,5mm	30°	⬡		43.095/3	43.096/3	
GH 4,5mm	30°	⬡		43.095/4	43.096/4	

4.8
MULTI-UNIT PLATFORM



Osstem® TS
Conic OSS

			Mini	STD
			Mini	Regular
GH 1,5mm	0°	○	40.072/1	40.073/1
GH 2,5mm	0°	○	40.072/2	40.073/2
GH 3,5mm	0°	○	40.072/3	40.073/3

4.8
MULTI-UNIT PLATFORM



Dentium Superline™ & Implantium
Conic Dent

			RP				
			3.6	3.8	4.0	4.5	5.0
GH 1,5mm	0°	○			40.090/1		
GH 2,5mm	0°	○			40.090/2		
GH 3,5mm	0°	○			40.090/3		
GH 2,5mm	17°	⬡			41.790/2*		
GH 3,5mm	17°	⬡			41.790/3*		
GH 2,5mm	30°	⬡			43.090/2*		
GH 3,5mm	30°	⬡			43.090/3*		



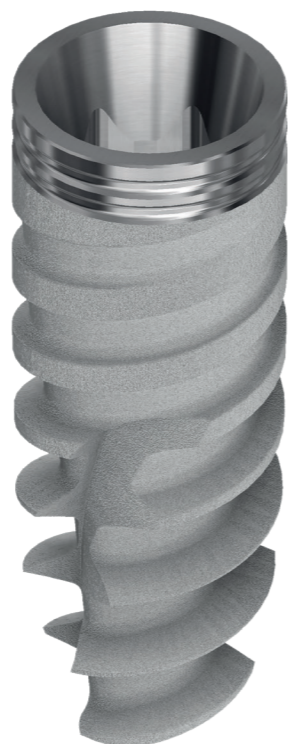
BioHorizons® internal
Internal Hex BH

			3.0	NP	RP	WP
			3.0	3.5	4.5	5.7
GH 1,0mm	0°	○		40.087/1	40.088/1	
GH 2,0mm	0°	○		40.087/2	40.088/2	
GH 3,0mm	0°	○		40.087/3	40.088/3	
GH 4,0mm	0°	○		40.087/4		
GH 5,0mm	0°	○		40.087/5		

4.8
MULTI-UNIT PLATFORM

DESS® Multi-unit screws recommended torque

	PLATFORM	TORQUE (Ncm)
ACTIVE HEX NOBELACTIVE® & NOBELREPLACE® CC	3.5	35
	4.3	35
TRI-LOBE NOBEL REPLACE SELECT®	3.5	35
	4.3	35
	5.0	35
EXT HEX UNIVERSAL NOBELBRÅNEMARK®	3.5	35
	4.1	35
	5.1	35
EXT HEX USA 3i OSSEOTITE®	3.4	20
	4.1	20
CONICAL BL STRAUMANN® BONE LEVEL	3.3	35
	4.1	35
CONICAL BLX STRAUMANN® BLX	4.5	35
	5.7	35
NEO GM NEODENT GRAND MORSE®		20
INT HEX USA ZIMMER SCREW-VENT®	3.5	30
	4.5	30
CONIC EVO ASTRA TECH IMPLANT SYSTEM™ EV	3.6	25
	4.2	25
	4.8	25
INT HEX CONIC ASTRA TECH OSSEOSPEED™	3.5 - 4.0	20
	4.5 - 5.0	25
CONIC OSS OSSTEM® TS / HIOSSEN® ET	MINI	20
	REGULAR	30
INT HEX BH BIOHORIZONS® INTERNAL	3.5	30
	4.5	30
INT HEX MI MIS® SEVEN	STANDARD	25
	WIDE	25
CONIC DENT DENTIUM SUPERLINE™ IMPLANTIUM®	3.8/ 3.6/ 4.0/ 4.5/ 5.0	30



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www.dess-usa.com

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Please contact your local distributor for more details.



Health Canada
Medical Device Licenses
94512 & 107023





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