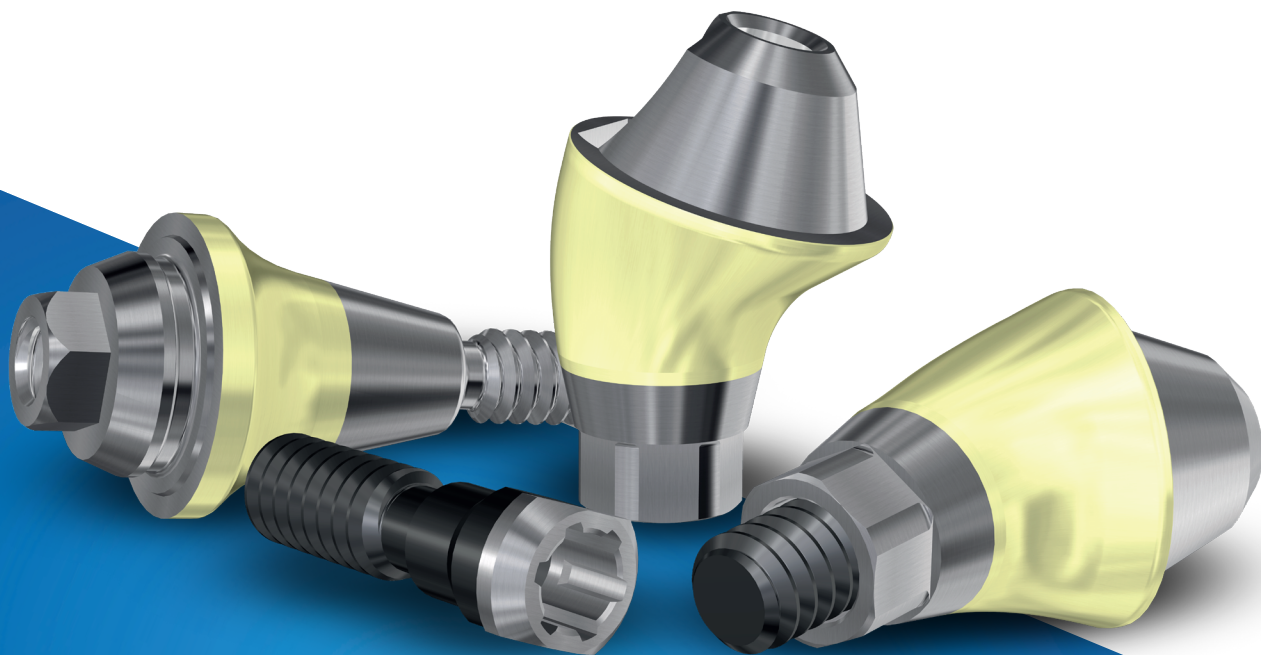




Catalogue Multi-Unit 2024



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®
ONE MORSE



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

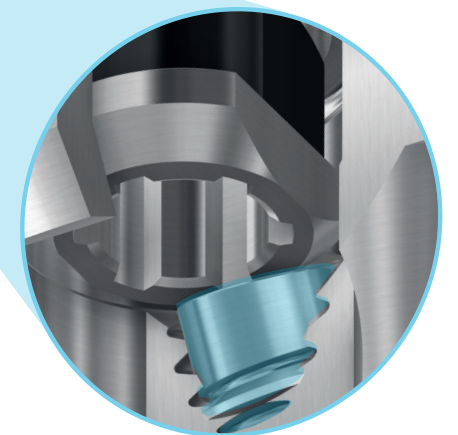
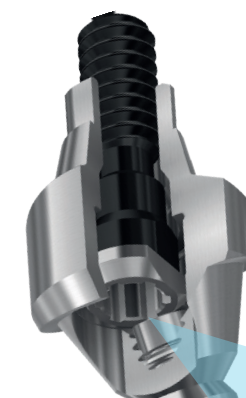
Full shaped connection provides more stability.

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



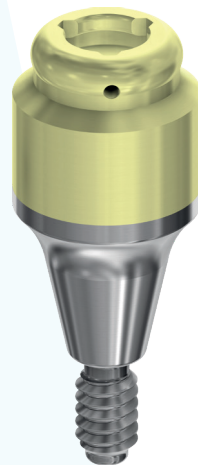
6mm

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.

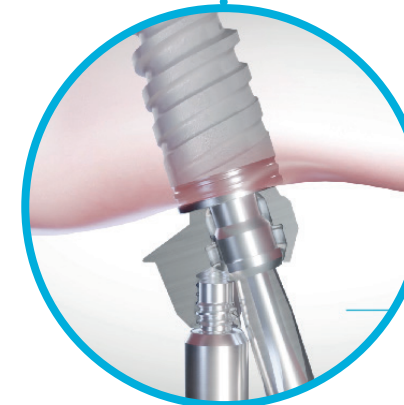


DESSLoc® for Multi-unit

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 multi-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

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

TEMPORARY
ABUTMENT PEEK

Uni Grip



25.707

25.754

HEALING
ABUTMENT

RP

MULTI-UNIT

WP

4.8

6

Uni Grip



20.100

20.054

Hex 1,20mm



20.100H120

Hex 1,22mm



20.100H122

Hex 1,27mm



20.100H127

SCAN
ABUTMENTS



50.007



52.007

52.047



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

DIGITAL
ANALOGUE

Retention screw Hex 1,27 mm*

14.007/D

14.047/D

*Other retention screws available, see page 159

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

TI-BASE CASTABLES

5 Pack.



32.007-P5

32.054-P5

5 Pack.



32.007/8-P5



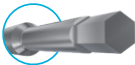
ANGLEBase®		RP MULTI-UNIT 4.8	WP MULTI-UNIT 6
10 Pack.		36.007	36.054
		36.007-P10	
PLASTIC SLEEVES FOR ANGLEBase®			
5 Pack.	0°	33.700-P5	
5 Pack.	10°	33.701-P5	
5 Pack.	20°	33.702-P5	



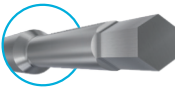
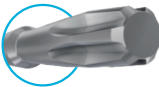
Torx Screw ANGLEBase®			
(replacement screw)		19.306	
Recommended torque		15 Ncm	15 Ncm



Torx BALL SCREWDRIVER	20mm	24mm	30mm	35mm
	DT20TB06	DT24TB06	DT30TB06	DT35TB06



SCREWS FOR SUPERSTRUCTURES				
10 Pack.	DLC	Torx	19.069-P10	
10 Pack.		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
10 Pack.		19.006	19.031
		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

CASTABLE		
10 Pack.		28.007 28.054
		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 1,5mm	0°			40.007/1	40.008/1	
	0°			40.007/2	40.008/2	
	0°			40.007/3	40.008/3	
	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 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+

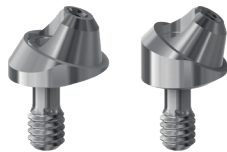
NobelActive® & NobelReplace® CC
Active Hex

			3.0	NP	RP	WP
			3.0	3.5	4.3/5.0	5.5
GH 1,5mm	0°			42.404/1	42.405/1	
	0°			42.404/2	42.405/2	
	0°			42.404/3	42.405/3	
	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 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 MULTI-UNIT PLATFORM		
			6.5		



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

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



A



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® 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



Neodent grand Morse®
ONE MORSE

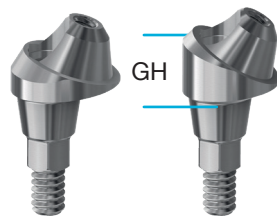
and Morse®			GM
GH 0,8mm	0°		42.435/1
GH 1,5mm	0°		42.435/2
GH 2,5mm	0°		42.435/3
GH 3,5mm	0°		42.435/4
GH 1,5mm	17°		46.435/2
GH 2,5mm	17°		46.435/3
GH 1,5mm	30°		47.435/3
GH 2,5mm	30°		47.435/4



Zimmer Screw-vent®
Internal Hex USA

crew-vent® 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®
ONE MORSE

and Morse®			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

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

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*	

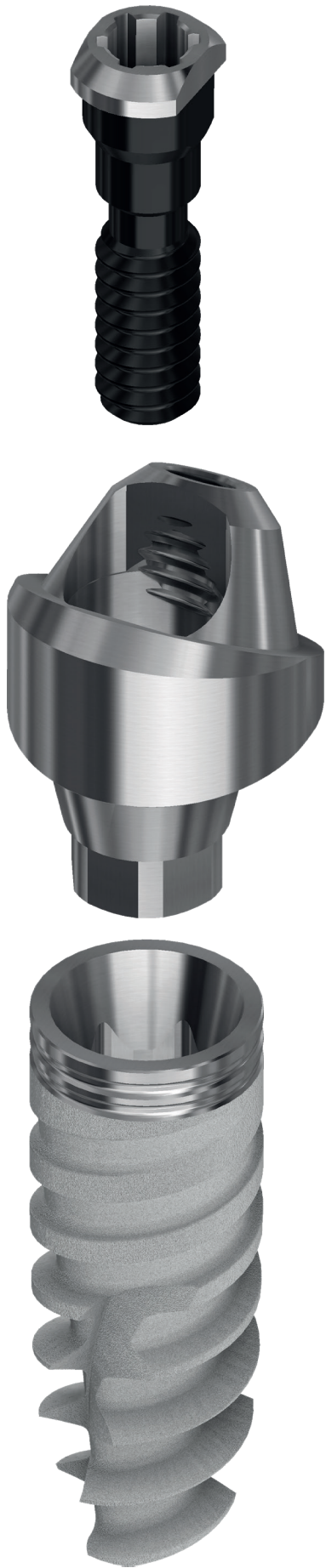


BioHorizons® internal
Internal Hex BH

			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 NOBELBRÄNEMARK®	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
ONE MORSE 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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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.dess-usa.com