



Dental implants are now an indispensable part of dental treatment options. With the globalization of medical infrastructures and higher standards of living, implant applications continue to increase.

Southern Implants has been a manufacturer and distributor of dental implants since 1987. Today, the Southern group is a leading biomedical engineering entity, with major intellectual property and capabilities in implantable devices, arthroplasties and tissue regeneration. Top-end professional users, who want more choices, have driven our product range to enormous and exciting heights. Striving for excellence and meeting customer needs has led to our wide product range characterized by numerous unique and innovative products, which include:

- Multiple interfaces, both internal and external, to suit customer preference.
- The MAX, a wide-diameter implant specifically designed for molar tooth replacement.
- The Co-Axis, the only angled-top, screw-form implant.
- The 55° Zygomatic implant, optimized for load distribution.
- Many products optimized for primary stability and suitable for immediate loading.
- A surface which continues to outperform those it is trialled against.

My sincere thanks to all specialists, dentists and technicians who give continual feedback, suggestions and input. Our products are an interpretation of your needs.

Graham Blackbeard

Managing Director, Southern Implants

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Various datasheets are available on our website www.southernimplants.com

DEEP CONICAL Cylindrical and Tapered Implants

- 1) Both body forms have a machined surface collar.
- 2) Available in four diameters, being 3.0mm, 3.5mm, 4.0mm and 5.0mm.
- 3) A special high strength pure Titanium is used for diameters 3.0mm and 3.5mm, giving them significantly increased fatigue strength.
- 4) The micro-thread has the same thread pitch as the main body thread, facilitating placement and stability.



DCT30 & DCC30 Implants

Cover Screw

(Tightened to no more than 10 Ncm)

CS-DC3



Healing Abutments

(Tightened to no more than 10 Ncm)

HA-DC3-W HA-DC3 Ø3.5 Ø4.0 OR 2/4 lengths lengths







Tapered & Cylindrical Implants are available in lengths of: DCC DCT Length Tapered Cylindrical 9 DCT3009 11 DCT3011 DCC3011 13 DCT3013 DCC3013 15 DCC3015

(Unit: mm)

Drill information

Tapered Drills	
Length	Product code
9	D-DCT3009
11	D-DCT3011
13	D-DCT3013
15	-
	(Unit: mm)

Drill Markings - Twist Drills



Instrumentation Handpiece Insertion Tool I-HDC3-S/M Wrench Insertion Tool I-WI-DC3-S/M Converter I-WI-C* PWIC Converts handpiece W&H Insertion tools to be used with wrench * Available in Long and Short versions

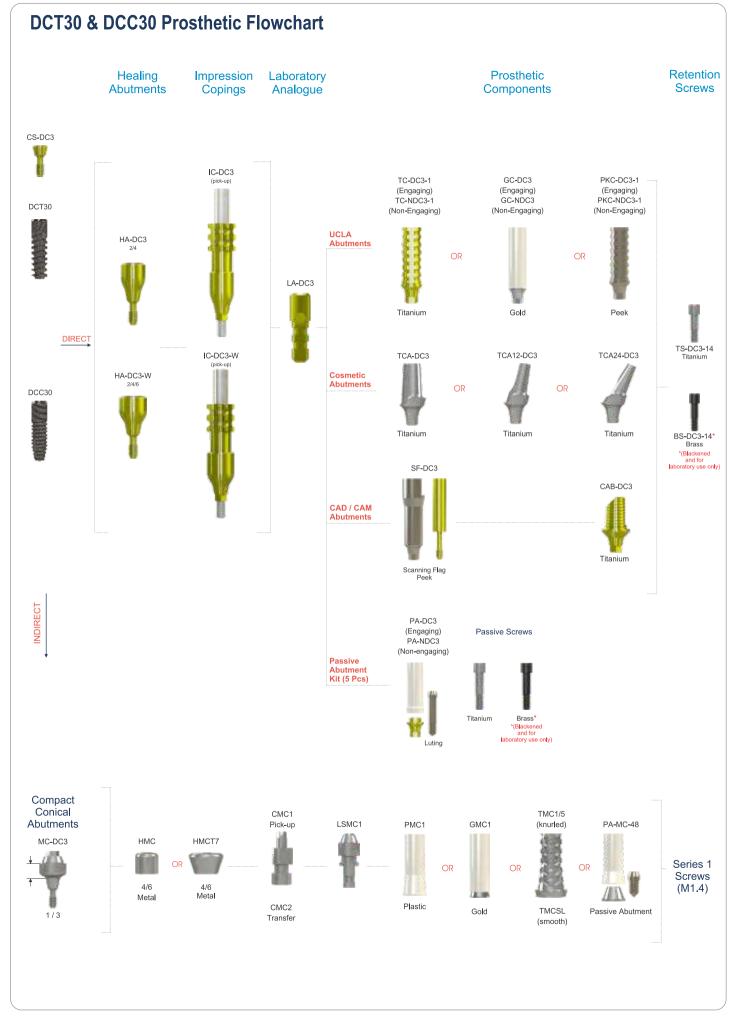
For a list of cylindrical drills please refer to page 19

Tapered & Cylindrical Implant Site Preparation Sequence

Tapered Drill Sequence







DCT35 & DCC35 Implants

Cover Screw

(Tightened to no more than 10 Ncm)

CS-DC4



length

Healing Abutments

(Tightened to no more than 10 Ncm)

HA-DC4-N HA-DC4 HA-DC4-W

Ø4.0

OR

OR

OR





Cylindrical



Tapered & Cylindrical Implants are available in lengths of:		
Length	DCT Tapered	DCC Cylindrical
8	DCT3508	DCC3508
9	DCT3509	DCC3509
11	DCT3511	DCC3511
13	DCT3513	DCC3513
15	DCT3515	DCC3515

(Unit: mm)

Drill information

Tapered Drills		
Length	Product code	
8	D-DCT3508	
9	D-DCT3509	
11	D-DCT3511	
13	D-DCT3513	
15	D-DCT3515	
	(Unit: mm)	

Drill Markings - Twist Drills



Instrumentation Supplied clean but not sterile Handpiece Insertion Tool I-HDC4-S/M Wrench Insertion Tool I-WI-DC4-S/M Converter I-WI-C* Converts handpiece W&H Insertion tools to be used with wrench *Available in Long and Short versions

For a list of cylindrical drills please refer to page 19

Tapered & Cylindrical Implant Site Preparation Sequence

2/4/6

lengths

Tapered Drill Sequence





DCT35 & DCC35 Prosthetic Flowchart Retention **Prosthetic** Healing Impression Laboratory Screws Abutments Copings Analogue Components CS-DC4 GC-DC4 (Engaging) GC-NDC4 TC-DC4-1 PKC-DC4-1 (Engaging) PKC-NDC4-1 IC-DC4 (Engaging) TC-NDC4-1 (Non-Engaging) (Non-Engaging) (Non-Engaging) HA-DC4-N DCT35 UCLA Abutments OR LA-DC4 HA-DC4 4/6 Titanium Gold Peek TS-DC4-16 TCA-DC4 TCA12-DC4 TCA24-DC4 Titanium DIRECT Cosmetic IC-DC4-W Abutments OR OR DCC35 Titanium Titanium Titanium BS-DC4-16* Brass HA-DC4-W 2/4/6 *(Blackened and for laboratory use only) SF-DC4 CAB-DC4 CAD / CAM Abutments Titanium Scanning Flag Peek PA-DC4 (Engaging) Passive Screws PA-NDC4 (Non-engaging) Passive Abutment Kit (5 Pcs) Titanium Brass* *(Blackened and for laboratory use only) Lutina Compact Conical CMC1 TMC1/5 Abutments Pick-up LSMC1 PMC1 GMC1 (knurled) PA-MC-48 MC-DC4 НМС HMCT7 Series 1 OR Screws 4/6 4/6 (M1.4)Metal Metal CMC2 Plastic Gold TMCSL Passive Abutment 1/3 Transfer (smooth)

DCT40 & DCC40 Implants

Cover Screw

(Tightened to no more than 10 Ncm)

CS-DC4

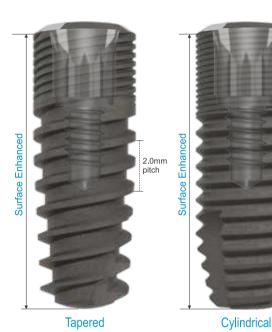


Healing Abutments

(Tightened to no more than 10 Ncm)

HA-DC4-N HA-DC4 HA-DC4-W







0.6mm pitch

> Tapered & Cylindrical Implants are available in lengths of DCT DCC Length Tapered Cylindrical 6.1 DCT4006 DCC4006 8 DCT4008 DCC4008 9 DCT4009 DCC4009 11 DCT4011 DCC4011 13 DCT4013 DCC4013 DCT4015 15 DCC4015

(Unit: mm)

Drill information

Tapered Drills		
Length	Product Code	
6.1	D-DCT4006	
8	D-DCT4008	
9	D-DCT4009	
11	D-DCT4011	
13	D-DCT4013	
15	D-DCT4015	
	(Unit: mm)	

Drill Markings - Twist Drills

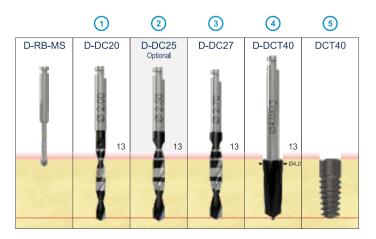


Instrumentation Supplied clean but not sterile Handpiece Insertion Tool I-HDC4-S/M Wrench Insertion Tool I-WI-DC4-S/M Converter I-WI-C* Converts handpiece W&H Insertion tools to be used with wrench *Available in Long and Short versions

For a list of cylindrical drills please refer to page 19

Tapered & Cylindrical Implant Site Preparation Sequence

Tapered Drill Sequence





DCT40 & DCC40 Prosthetic Flowchart Retention **Prosthetic** Healing Impression Laboratory Screws Abutments Copings Analogue Components CS-DC4 GC-DC4 (Engaging) GC-NDC4 TC-DC4-1 PKC-DC4-1 (Engaging) PKC-NDC4-1 (Engaging) IC-DC4 TC-NDC4-1 (Non-Engaging) (Non-Engaging) (Non-Engaging) DCT40 HA-DC4-N UCLA Abutments OR LA-DC4 Titanium Gold Peek TS-DC4-16 TCA-DC4 TCA12-DC4 TCA24-DC4 Titanium DIRECT Cosmetic IC-DC4-W Abutments OR OR DCC40 HA-DC4-W Titanium Titanium Titanium BS-DC4-16* Brass *(Blackened and for laboratory use only) SF-DC4 CAB-DC4 CAD / CAM Abutments Titanium Scanning Flag Peek INDIRECT PA-DC4 (Engaging) Passive Screws PA-NDC4 (Non-engaging) Passive Abutment Kit (5 Pcs) Titanium Brass* *(Blackened and for laboratory use only) Lutina Compact Conical CMC1 TMC1/5 Abutments Pick-up LSMC1 PMC1 GMC1 (knurled) PA-MC-48 MC-DC4 НМС HMCT7 Series 1 OR Screws 4/6 4/6 (M1.4)Metal Metal CMC2 Plastic Gold TMCSL Passive Abutment 1/3 Transfer (smooth)

DCT50 & DCC50 Implants

Cover Screw

(Tightened to no more than 10 Ncm)

CS-DC5



Healing Abutments





Ø5.0

are available in lengths of:		
Length	DCT Tapered	DCC Cylindrical
9	DCT5009	DCC5009
11	DCT5011	DCC5011
13	DCT5013	DCC5013
15	DCT5015	DCC5015

(Unit: mm)

Drill information

Tapered Drills	
Length	Product Code
9	D-DCT5009
11	D-DCT5011
13	D-DCT5013
15	D-DCT5015
	(Unit: mm)

Drill Markings - Twist Drills

Tapered

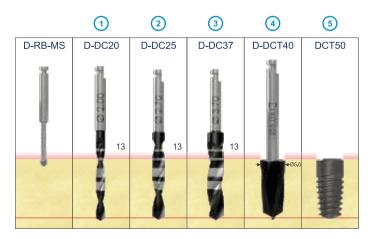


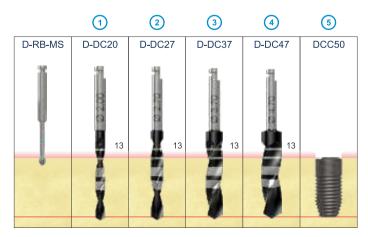
Instrumentation Handpiece Insertion Tool I-HDC5-S/M Wrench Insertion Tool I-WI-DC5-S/M Converter I-WI-C* PWINC Converts handpiece W&H Insertion tools to be used with wrench * Available in Long and Short versions

For a list of cylindrical drills please refer to page 19

Tapered & Cylindrical Implant Site Preparation Sequence

Tapered Drill Sequence





DCT50 & DCC50 Prosthetic Flowchart Retention Healing **Prosthetic Impression** Laboratory Screws Abutments Copings Analogue Components CS-DC5 GC-DC5 (Engaging) IC-DC5 (pick-up) TC-DC5-1 PKC-DC5-1 (Engaging) (Engaging) TC-NDC5-1 GC-NDC5 PKC-NDC5-1 (Non-Engaging) (Non-Engaging) (Non-Engaging) DCT50 UCLA Abutments HA-DC5 OR LA-DC5 Titanium Gold Peek TS-DC5-20 Titanium TCA-DC5 TCA12-DC5 TCA24-DC5 DIRECT Cosmetic Abutments IC-DC5-W OR HA-DC5-W DCC50 Titanium Titanium Titanium BS-DC5-20* Brass *(Blackened and for laboratory use only) SF-DC5 CAB-DC5 CAD / CAM Abutments Titanium Scanning Flag Peek PA-DC5 (Engaging) Passive Screws PA-NDC5 (Non-engaging) **Passive** Abutment Kit (5 Pcs) Brass* Titanium Luting Compact CMCW1 Conical TMCW1/5 Pick-up PMCW1 LSMCW1 Abutments GMCW1 PA-MC-60 (knurled) MC-DC5 HMCW HMCTW9 Series 1 OR OR Screws 4/6 4/6 Metal (M1.4)Metal 1/3 CMC2 Plastic Gold Passive Abutment

DEEP CONICAL Co-Axis™ Implant

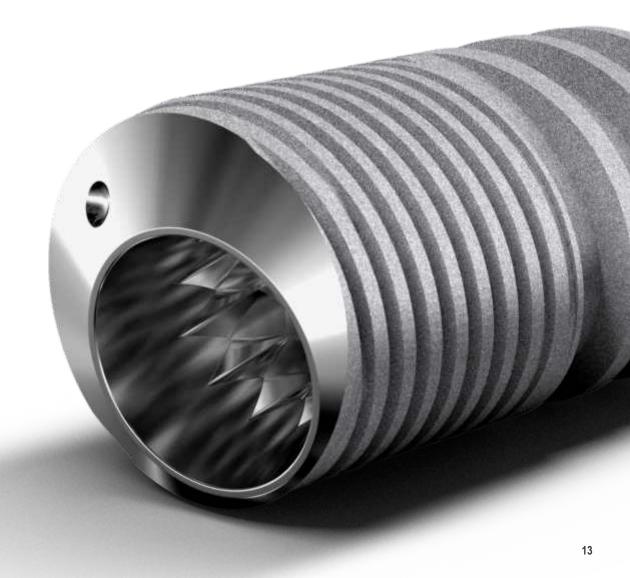
The DEEP CONICAL Co-Axis implant is indicated for use in situations where the long axis of a conventional implant would not coincide with the long axis of the restoration and would therefore result in a restorative compromise.

The most common example of this is encountered where an implant is placed in the anterior maxilla at a labially inclined angle, as dictated by the anatomy of the alveolus, resulting in the screw access hole of the prosthetic crown passing through the labial face of the crown. The DEEP CONICAL Co-Axis implant effectively solves this problem by having the prosthetic platform and screw hole of the implant tilted at an angle of 12 degrees to the long axis of the implant. The axis of the retaining screw is therefore also offset within the body of the implant.

The Co-Axis concept can be applied to solve many other situations where inclined placement of implants is either unavoidable or even an advantage. For example where avoidance of anatomical structures dictates (eg: maxillary sinus, mental foramen) or where bony anatomy can be maximised by inclined placement of an implant. An elegant and truly innovative solution to a frequent problem in implant dentistry.

Advantages

- 1) Gives a 12° Co-Axis option in diameter 3.5 and 4.0mm, facilitating screw retained prosthetics in the anterior maxilla.
- 2) Available in both cylindrical and tapered body forms. The tapered implant gives greater primary stability and is more suited to immediate loading.
- 3) Material is pure Titanium with Southern Implants moderately rough enhanced surface which has a 15 year proven clinical track record.



DCT35-12d* & DCC35-12d Co-Axis[™] Implants

Cover Screw

(Tightened to no more than 10 Ncm)

CS-DC3

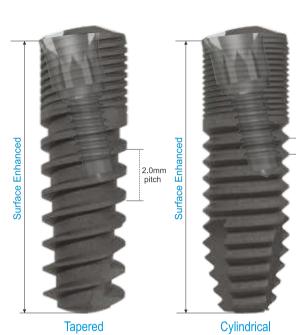
* 2mm Pitch, one rotation sinks 2mm DCT is not recommended for the mandible

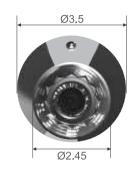


Healing Abutments

(Tightened to no more than 10 Ncm)







Tapered & Cylindrical Implants

0.6mm

pitch

are available in longing of.		
Length	DCT* Tapered	DCC Cylindrical
8		DCC3508-12d
9		DCC3509-12d
11	DCT3511-12d	DCC3511-12d
13	DCT3513-12d	DCC3513-12d
15	DCT3515-12d	DCC3515-12d

(Unit: mm)



Tapered Drills		
Length	Product code	
8	D-DCT3508	
9	D-DCT3509	
11	D-DCT3511	
13	D-DCT3513	
15	D-DCT3515	
	(Unit: mm)	

For a list of cylindrical drills please refer to page 19

Drill Markings - Twist Drills





These implants are only available as mounted

Instrumentation Supplied clean but not sterile Handpiece Insertion Tool I-HDC3-S/M Wrench Insertion Tool I-WI-DC3-S/M Converter I-WI-C* PWIC Converts handpiece W&H Insertion tools to be used with wrench * Available in Long and Short versions

Tapered & Cylindrical Implant Site Preparation Sequence

Tapered Drill Sequence

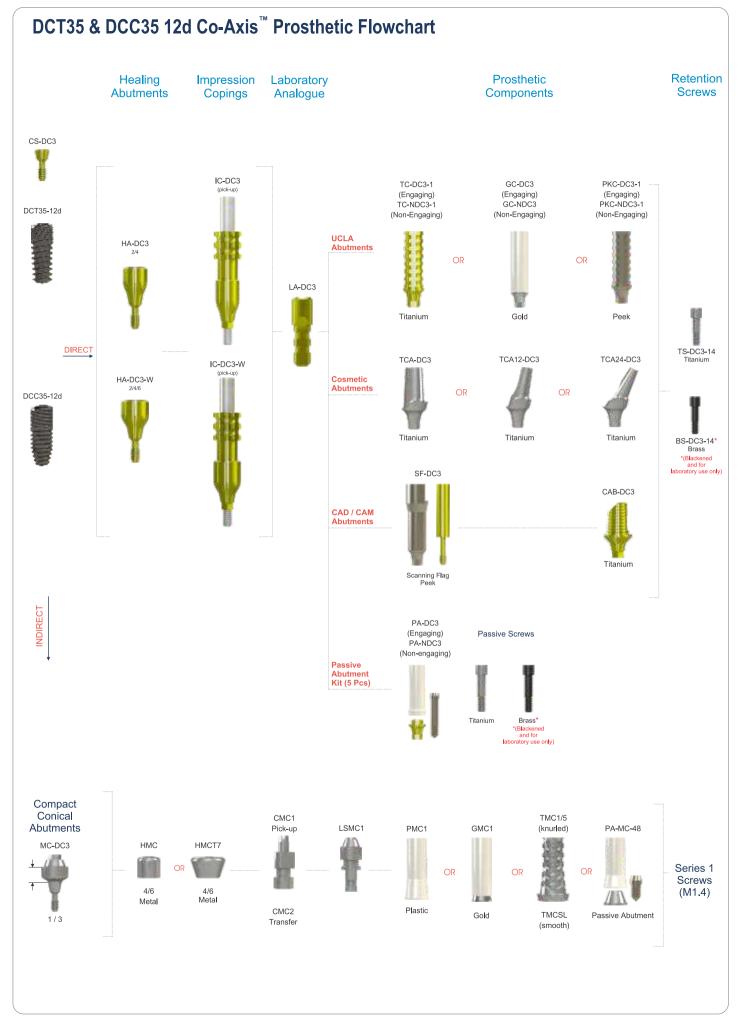
	1	2	3	4
D-RB-MS	D-DC20	D-DC25	D-DCT35	DCT35
Ĭ	13	13	13	
	1		+03.5	

Countersink available - See page 19

Cylindrical Drill Sequence



Countersink available - See page 19



Cover Screw

(Tightened to no more than 10 Ncm)

CS-DC4

* 2mm Pitch, one rotation sinks 2mm DCT is not recommended for the mandible









Cylindrical



Tapered & Cylindrical Implants are available in lengths of DCT* DCC Length Tapered Cylindrical DCT4008-12d DCC4008-12d 8 9 DCT4009-12d DCC4009-12d 11 DCT4011-12d DCC4011-12d 13 DCT4013-12d DCC4013-12d DCT4015-12d DCC4015-12d 15

Drill information

Tapered Drills		
Length	Product Code	
8	D-DCT4008	
9	D-DCT4009	
11	D-DCT4011	
13	D-DCT4013	
15	D-DCT4015	
	(Unit: mm)	

For a list of cylindrical drills please refer to page 19

Drill Markings - Twist Drills



Tapered



These implants are only available as mounted

Instrumentation Supplied clean but not sterile Handpiece Insertion Tool I-HDC4-S/M A MANAGEMENT Wrench Insertion Tool I-WI-DC4-S/M Converter I-WI-C' PWHO Converts handpiece W&H Insertion tools to be used with wrench * Available in Long and Short versions

Tapered & Cylindrical Implant Site Preparation Sequence

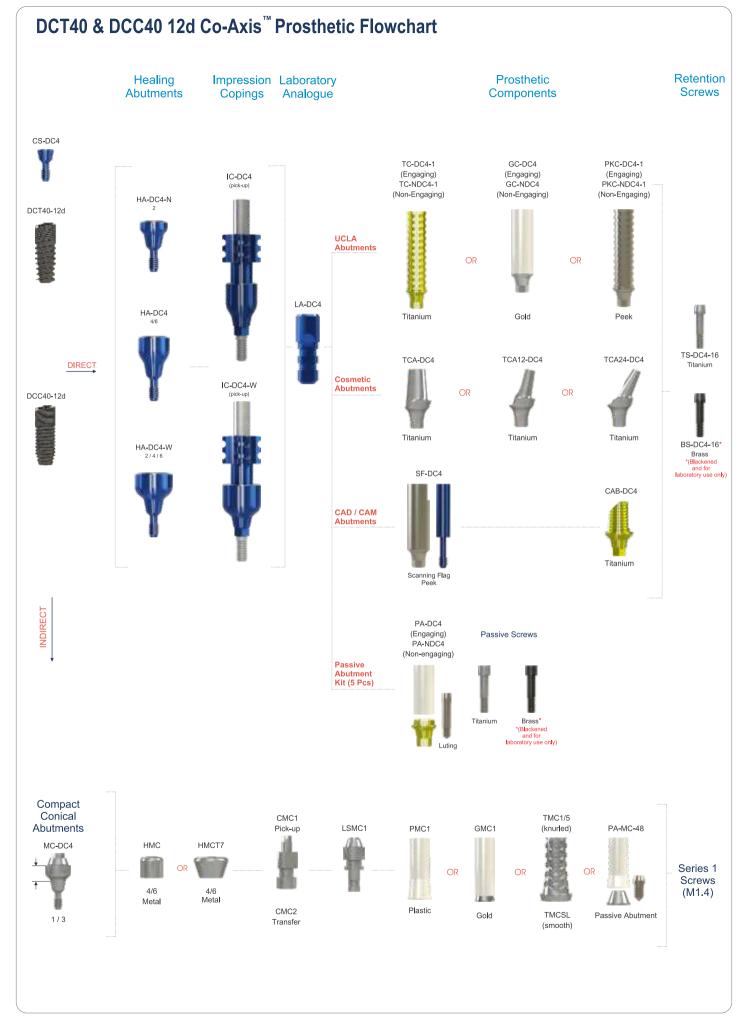
Tapered Drill Sequence

	1	2	3	4	5
D-RB-MS	D-DC20	D-DC25 Optional	D-DC27	D-DCT40	DCT40
Ĭ	13	13	13	D. Water	
	1			+04.0	

Countersink available - See page 19

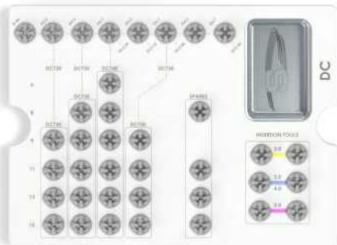


Countersink available - See page 19



I-DC-EG Surgical Tray for placement of DC Implants



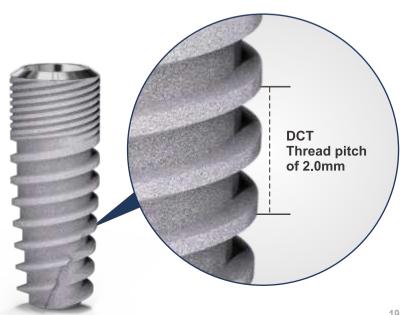




DCC Cylindrical Drills











The following symbols are used on our packaging labels and indicate the following:





Manufacturer





Colour code

- 3 Implant image
- 4 Implant details and size





Batch code



Use by mm-yy



CE mark



Sterilization using Irradiation



Do not reuse



Do not Resterilize



Caution



Consult instructions for use

6 Barcode

Contains the product code and lot number.

7 Sticker

For documentation purpose.





Caution: (US Only) US Federal Law restricts this device to sale to, or on the order of, a licenced dentist or physician

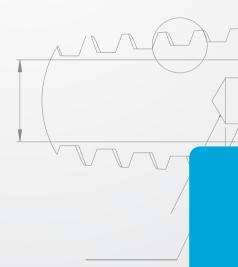












For contact information on your nearest distributor, visit www.southernimplants.com







Expanding Proven Concepts

