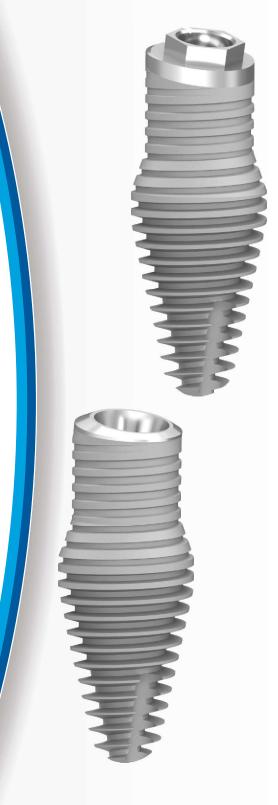


INVERTA® Implants Product Catalogue





Southern Implants is a leading provider of unique and innovative dental implant products with a focus on top-end professional users who want more choices. Southern's expertise in research, development and manufacturing of dental implants allows us to provide Innovative Treatment Solutions that will reduce treatment times and improve patient outcomes.

Striving for excellence and meeting customer needs, has led to our wide product range characterized by Unique and Innovative products which include:

- Multiple interfaces, to suit customer preference.
- INVERTA® implant, featuring a body-shift design, engineered for primary stability and suitable for immediate loading.
- Co-Axis®, sub-crestal angle correcting implant, available in angulations of 12°, 24° & 36° and various internal and external connections.
- MAX implant, specifically designed for immediate molar tooth replacement.
- The ZYGAN® and ZYGEX® implants for severely resorbed maxilla and craniofacial reconstruction.

Our product portfolio is in synchronized evolution with protocol improvements and technological advances.

 $My \, since re\, thanks\, to\, all\, special ists, dentists\, and\, technicians\, who\, put\, their\, trust\, in\, our\, company.$

Graham Blackbeard

Managing Director, Southern Implants

DEEP CONICAL - INVERTA®

STRAIGHT & CO-AXIS®	
Ø3.5mm - Ø4.5mm Implants.	
Ø4.0mm - Ø5.0mm Implants	Page 06
Surgical Information	Page 06 Page 06
Prosthetics Information.	Page 06
Site Preparation.	Page 07 Page 08
	Page 08
STRAIGHT	
Ø5.0mm - Ø6.0mm Implants	Page 10
Surgical Information	Page 10
Prosthetics Information	Page 11
Site Preparation	Page 12

EXTERNAL HEX - INVERTA®

STRAIGHT & CO-AXIS"	
Ø3.5mm - Ø4.5mm Implants	Page 14
Ø3.5mm - Ø4.5mm Implants Ø4.0mm - Ø5.0mm Implants	Page 14
Surgical Information	Page 14
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sile rieparation.	ragere
STRAIGHT & CO-AXIS®	
Ø5.2mm - Ø6.0mm Implants	Page 18
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Instrument Tray	
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Implant Dimensions and Information Deep Conical Inverta	Page 24
Implant Dimensions and Information External Hex Inverta.	Page 25
пприл отпеньють ана инотпанот схена нехимена.	1 490 20
Drill Information.	Page 26
Explanation of Symbols	Page 27

For more information scan the below



or visit

SOUTHERNIMPLANTS.COM

- Images are for illustration purposes only and do not necessarily accurately represent the product.
- All dimensions in this catalogue are in mm, unless otherwise specified.
- Not all products are cleared for sale in all countries.

DEEP CONICAL INVERTA®

Straight

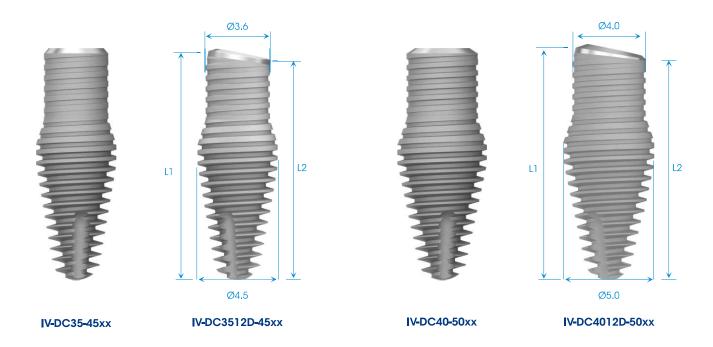
Ø3.5mm-Ø4.5mm

Ø4.0mm-Ø5.0mm

Co-Axis®

Ø3.5mm-Ø4.5mm

Ø4.0mm-Ø5.0mm



(where xx is implant length)

Implants are available in lengths of:

NOTE: Implant dimensions and information - page 24.

ITEM CODE	IMPLANT LENGTHS (in mm) L1
IV-DC35-4508	8.0
IV-DC35-4510	10.0
IV-DC35-4511	11.5
IV-DC35-4513	13.0
IV-DC35-4515	15.0

ITEM CODE	IMPLANT LENGTHS (in mm) L1
IV-DC40-5008	8.0
IV-DC40-5010	10.0
IV-DC40-5011	11.5
IV-DC40-5013	13.0
IV-DC40-5015	15.0

Co-Axis® Implants are pre-mounted and available in lengths of:

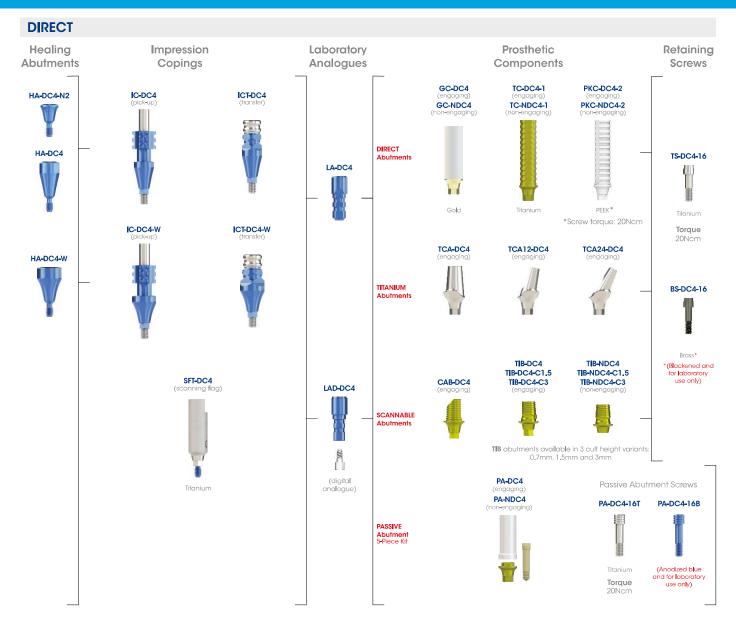
ITEM CODE	IMPLANT LEN	GTHS (in mm)
	L1	L2
IV-DC3512D-4511	11.5	10.86
IV-DC3512D-4513	13.0	12.36
IV-DC3512D-4515	15.0	14.36

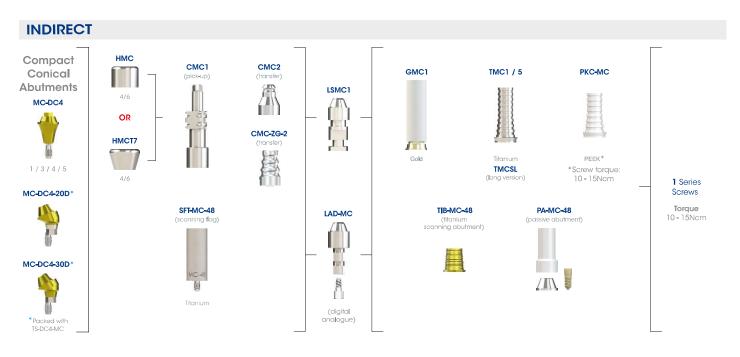
ITEM CODE	IMPLANT LEN	GTHS (in mm)
IV-DC4012D-5011	11.5	10.86
IV-DC4012D-5013	13.0	12.36
IV-DC4012D-5015	15.0	14.36

Surgical Components

CS-DC4 HA-DC4-N2 Ø4.0 Ø4.5 Ø5.5 A/6 lengths HA-DC4-W 2/4/6 lengths

 $\label{eq:NOTE:torque} \textbf{NOTE:} \ \mathsf{Torque} \ \mathsf{to} \ \mathbf{10Ncm} \ \mathsf{ONLY}.$

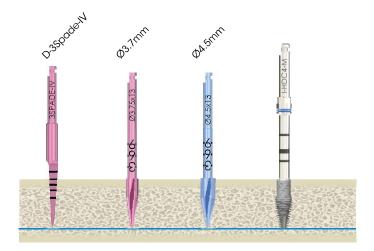


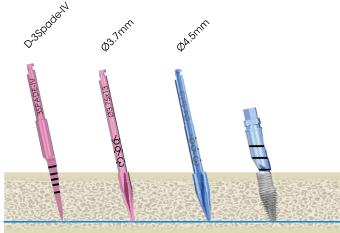


NOTE: Refer to CAT-1189 for Equator Overdenture Abutments.

Ø3.5mm-Ø4.5mm Tapered (IV-DC35-45xx)

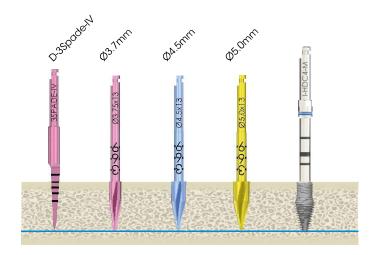
Ø3.5mm-Ø4.5mm Tapered Co-Axis® (IV-DC3512d-45xx)

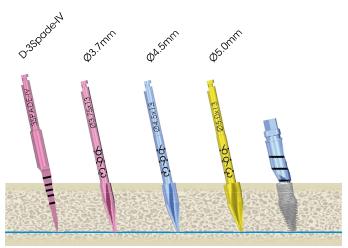




Ø4.0mm-Ø5.0mm Tapered (IV-DC40-50xx)

Ø4.0mm-Ø5.0mm Tapered Co-Axis® (IV-DC4012d-50xx)



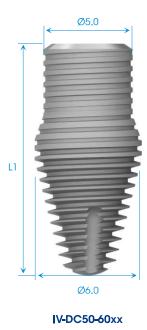


NOTE: Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.

DEEP CONICAL INVERTA®

Straight

Ø5.0mm-Ø6.0mm



(where xx is implant length)

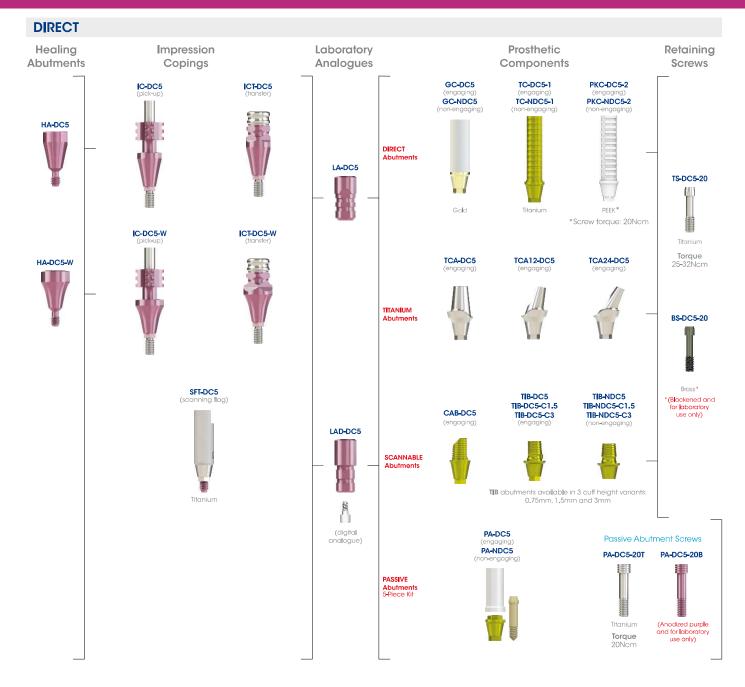
NOTE: Implant dimensions and information - page 24.

Implants are available in lengths of:

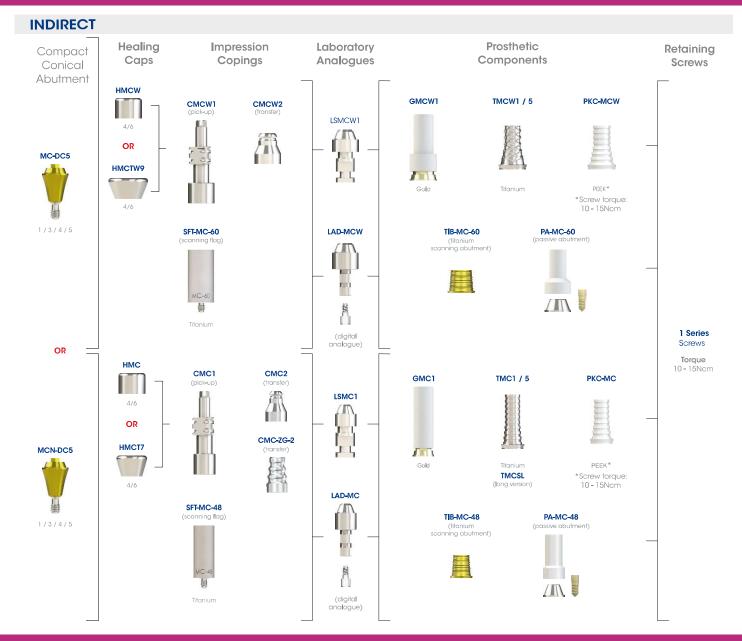
ITEM CODE	IMPLANT LENGTHS (in mm) L1
IV-DC50-6010	10.0
IV-DC50-6011	11.5
IV-DC50-6013	13.0
IV-DC50-6015	15.0

Surgical Components

Cover Screw Ha-DC5 HA-DC5 Ø5.5 Ø6.5 2/4/6 lengths NOTE: Torque to 10Ncm ONLY.



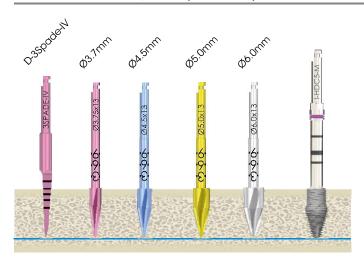
Prosthetic Flowchart DC5 Connection



Site Preparation Sequence

Ø5.0mm-Ø6.0mm Tapered (IV-DC50-60)

(illustrations are for 13mm implants)



NOTE: Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.

EXTERNAL HEX INVERTA®

Straight

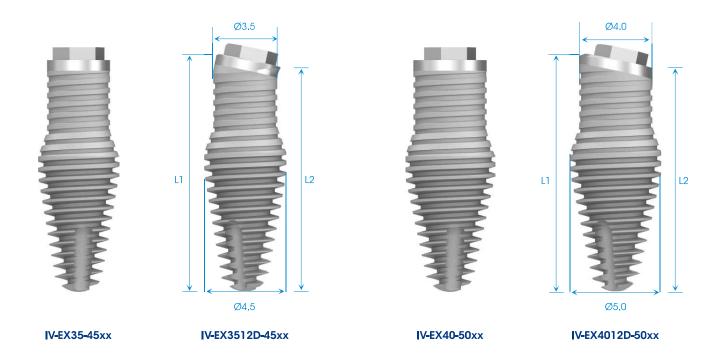
Ø3.5mm-Ø4.5mm

Ø4.0mm-Ø5.0mm

Co-Axis®

Ø3.5mm-Ø4.5mm

Ø4.0mm-Ø5.0mm



(where xx is implant length)

Implants are pre-mounted and available in lengths of:

NOTE: Implant dimensions and information - page 25.

ITEM CODE	IMPLANT LENGTHS (in mm) L1
IV-EX35-4510	10.0
IV-EX35-4511	11.5
IV-EX35-4513	13.0
IV-EX35-4515	15.0

ITEM CODE	IMPLANT LENGTHS (in mm) L1
IV-EX40-5010	10.0
IV-EX40-5011	11.5
IV-EX40-5013	13.0
IV-EX40-5015	15,0

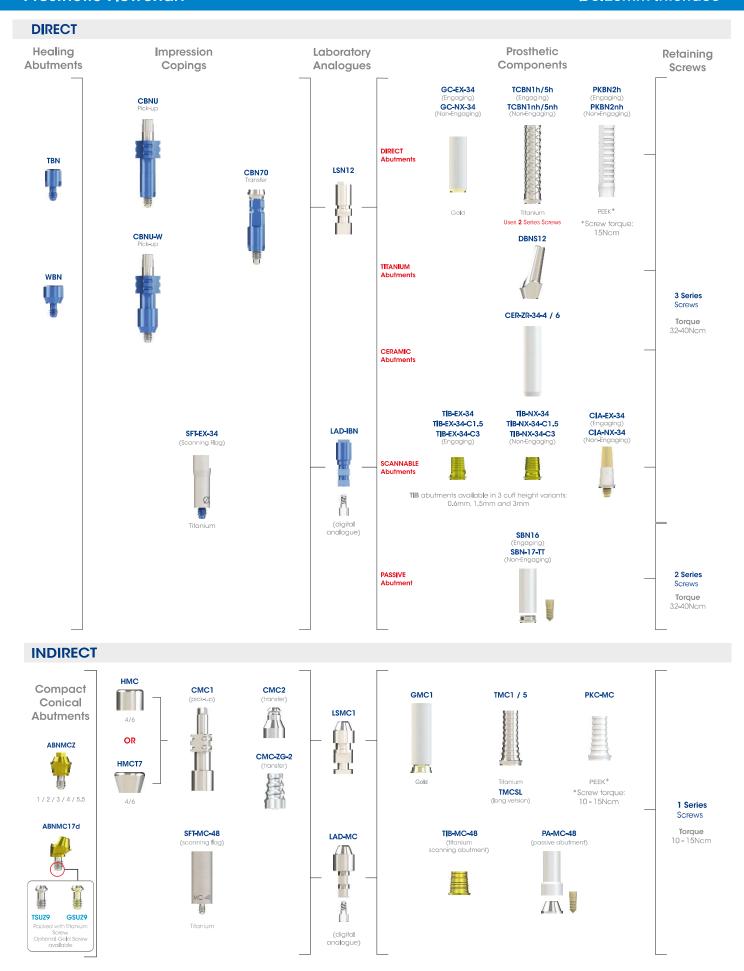
Implants are pre-mounted and available in lengths of:

ITEM CODE	IMPLANT LEN	GTHS (in mm)
	L1	L2
IV-EX3512D-4511	11.5	10.78
IV-EX3512D-4513	13.0	12.28
IV-EX3512D-4515	15.0	14.28

ITEM CODE	IMPLANT LEN	GTHS (in mm)
	L1	L2
IV-EX4012D-5011	11.5	10.72
IV-EX4012D-5013	13.0	12.22
IV-EX4012D-5015	15.0	14.22

Surgical Components

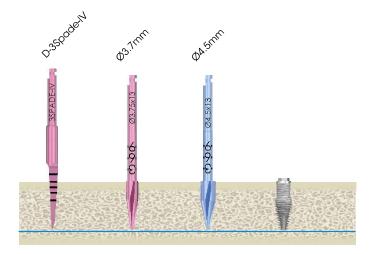
Cover Screw	Healing Abutments	
SCNU2	TBN Ø3.6	WBN Ø4.5
T		
	2/3/4/6/8 lengths	2/3/4/6 lengths

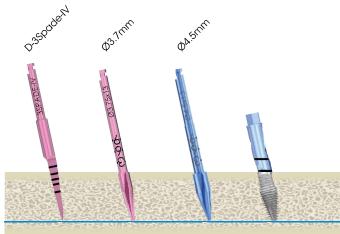


NOTE: Refer to CAT-1189 for Equator Overdenture Abutments.

Ø3.5mm-Ø4.5mm Tapered (IV-EX35-45xx)

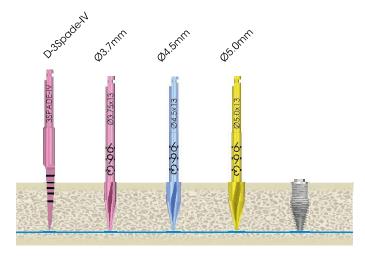
Ø3.5mm-Ø4.5mm Tapered Co-Axis® (IV-EX3512d-45xx)

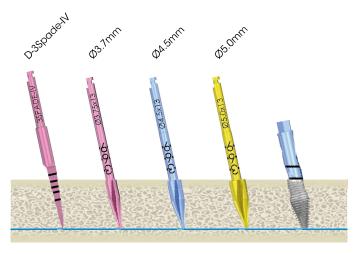




Ø4.0mm-Ø5.0mm Tapered (IV-EX40-50xx)

Ø4.0mm-Ø5.0mm Tapered Co-Axis® (IV-EX4012d-50xx)





NOTE: Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.

EXTERNAL HEX INVERTA®

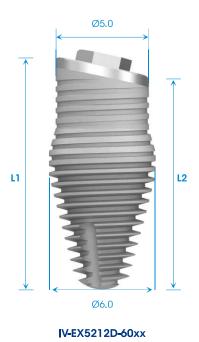
Straight

Ø5.2mm-Ø6.0mm

Co-Axis®

Ø5.2mm-Ø6.0mm





(where xx is implant length)

Implants are available in lengths of:

NOTE: Implant dimensions and information - page 25.

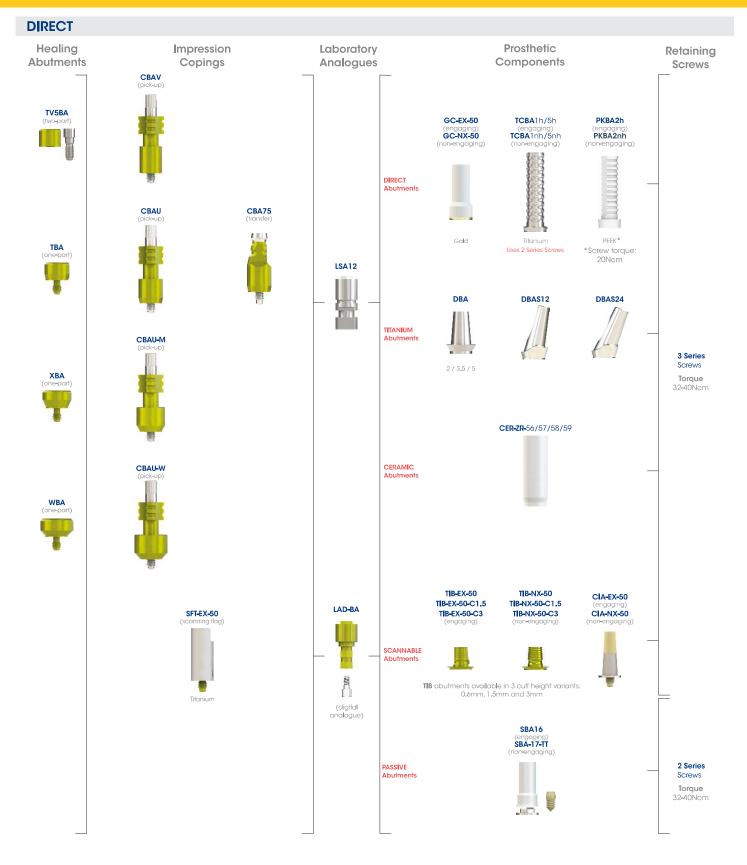
ITEM CODE	IMPLANT LENGTHS (in mm) L1
IV-EX52-6010	10
IV-EX52-6011	11.5
IV-EX52-6013	13.0
IV-EX52-6015	15.0

Implants are pre-mounted and available in lengths of:

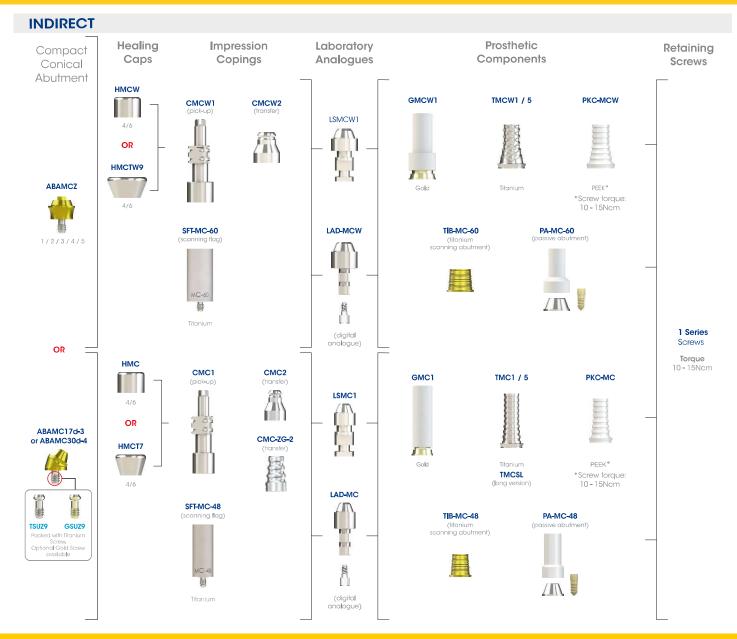
ITEM CODE	IMPLANT LEN L1	GTHS (in mm) L2
IV-EX5212D-6011	11.5	10.78
IV-EX5212D-6013	13.0	12.28
IV-EX5212D-6015	15.0	14.28

Surgical Components





Prosthetic Flowchart Ø5.0mm Interface

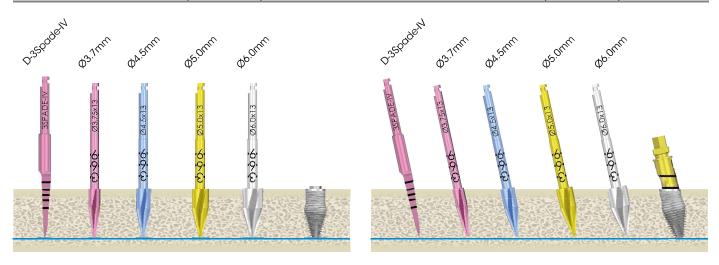


Site Preparation Sequence

(illustrations are for 13mm implants)

Ø5.2mm-Ø6.0mm Tapered (IV-EX52-60xx)

Ø5.2mm-Ø6.0mm Tapered (IV-EX52-60xx)



NOTE: Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.

TORQUE TABLE FOR SOUTHERN SCREWS

EXTERNAL HEX



Screw TORQUE with **PEEK** Prosthetics for External Hex:

- < Ø4,0mm implant interfaces torque to 15Ncm
- ≥ Ø4.0mm implant interfaces torque to 20Ncm

DC (DEEP CONICAL)

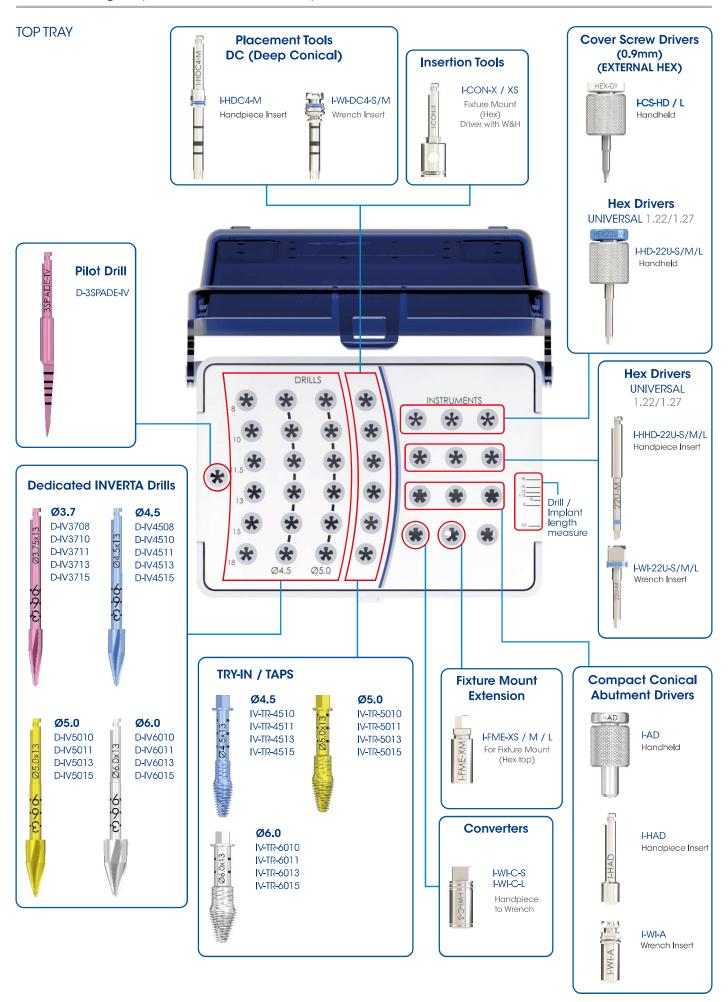


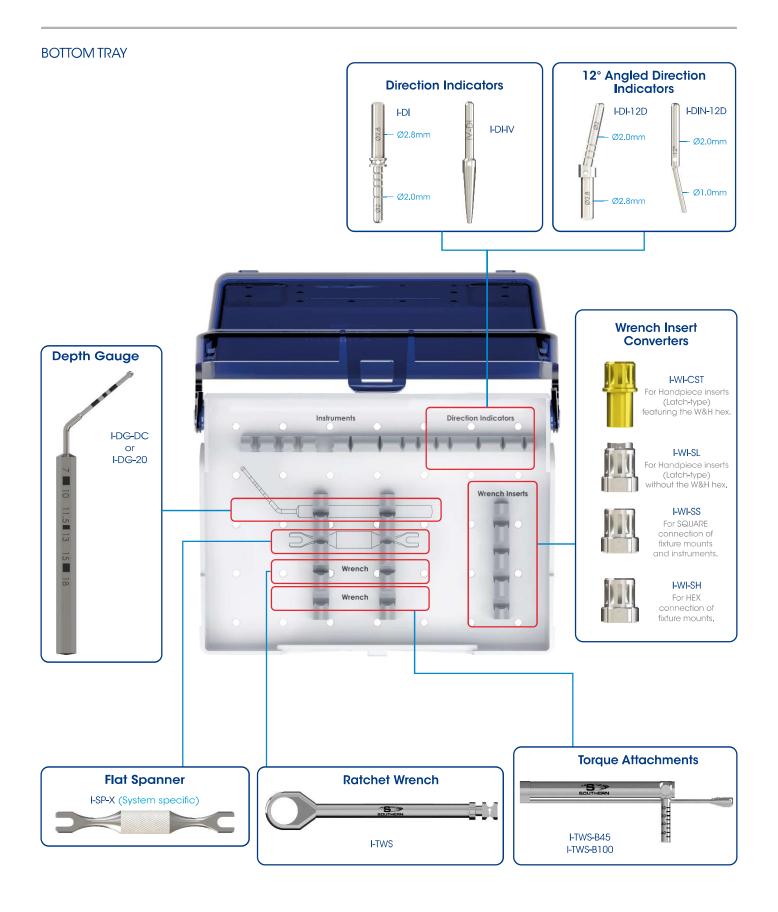


1 SERIES SCREW OPTIONS

Laboratory Screw Unigrip Hex Unigrip 1.22 Hex 1.22 Hex TORQUE: 10-15Ncm **Head Diameter** 2.25mm TSU1 TSH1 BSH1* GSU1 GSH1

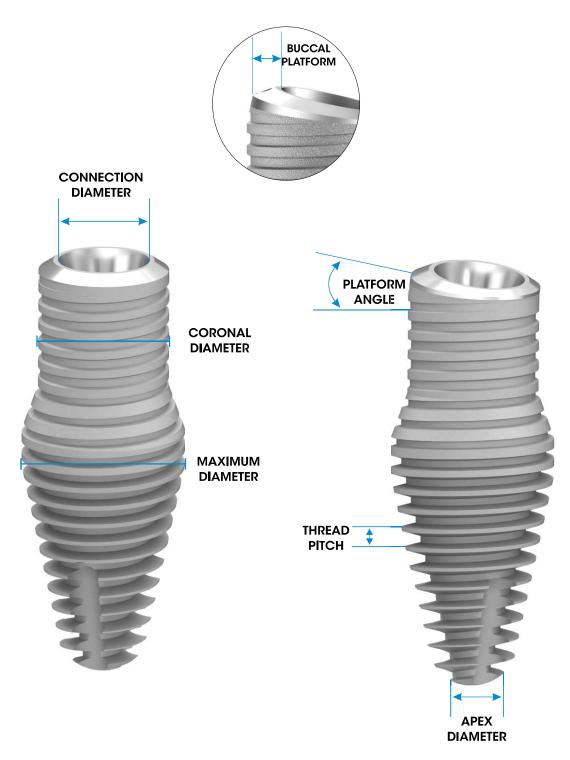
- Due to design revisions screw tips may be flat or rounded.
- Always ensure that the correct screw is used for the relevant implant and component,
- Refer to CAT-8068 for alternative slotted 1 Series screws.
- Blackened and for laboratory use only.
- Universal drivers are compatible with both 1.22 and 1.27 Hex screws:
 - I-HD22U-S/M/I
 - I-HHD-22U-S/M/L
 - I-WI-22U-S-/M/L





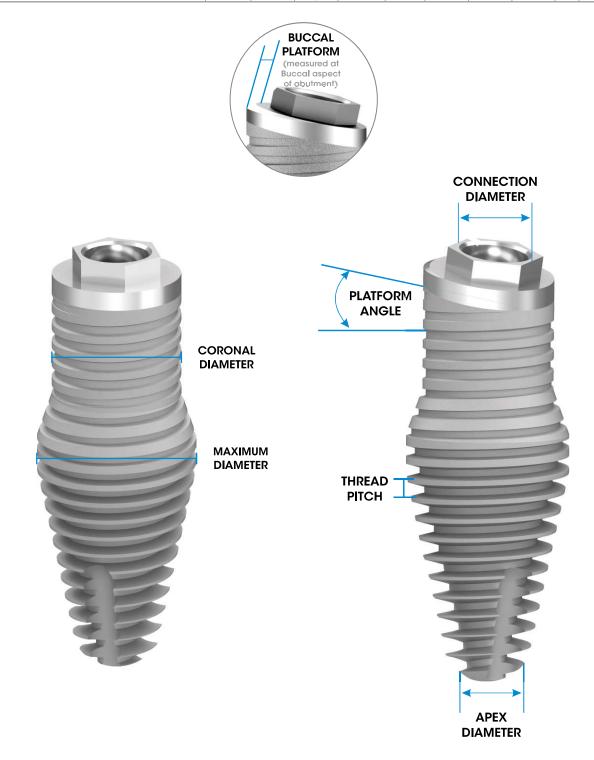
- The surgical kit has an intuitive layout to guide the surgeon through the drill sequence.
- Most instruments are available in various lengths.
- All instruments and tooling used during the procedure must be maintained in good condition, cleaned and sterilized prior to use. Please consult the
 Instructions for Use: Southern Implants instrument tray and reusable instruments (CAT-8003 and CAT-8070) for guidance concerning the maintenance of
 instruments and surgical trays. Please consult the corresponding drill Instructions for Use regarding care and maintenance of drills.
- Refer to CAT-8021 for more information on bone mills and polishing protector caps (External Hex), and CAT-8035 for DC bone mills .

RANGE		CORONAL DIAMETER MAXIMUM DIAMETER		STHETICS	ONNECTION	THREAD	APEX AMETER	JCCAL ATFORM	ATFORM ANGLE	IMPLANT LENGTHS				
		COR DIAN MAX	M M	S Ö	CONN	 	<u> </u>	B 47	PL/A	8	10	11.5	13	15
● IV-DC35-45	Ø3.5mm-Ø4.5mm	3.6	4.5		2.8	0.6	2.6	0.40	0°	√	√	√	√	√
V-DC40-50	Ø4.0mm-Ø5.0mm	4.0	5.0		2.8	0.6	2.6	0.60	0°	√	√	√	√	√
● IV-DC50-60	Ø5.0mm-Ø6.0mm	5.0	6.0		2.8	0.6	2.6	0.60	0°		√	√	√	√
● IV-DC3512D-45	Ø3.5mm-Ø4.5mm	3.6	4.5		2.8	0.6	2.6	0.52	12°			√	√	√
IV-DC4012D-50	Ø4.0mm-Ø5.0mm	4.0	5.0		2.8	0.6	2.6	0.72	12°			√	√	√



- All dimensions in this catalogue are in mm, unless otherwise specified.
- Not all products are cleared for sale in all countries.

RANGE		CORONAL DIAMETER MAXIMUM DIAMETER		STHETICS	ONNECTION	THREAD	APEX AMETER	BUCCAL	ATFORM	IMPLANT LENGTHS				
		O DIA	M M	PRO	CON	🗕 "	7 📶	B 71	PL/A	10	11.5	13	15	
V-EX35-45	Ø3.5mm-Ø4.5mm	3.5	4.5		3.4	0.6	2.6	0.04	0°	√	√	√	√	
IV-EX40-50	Ø4.0mm-Ø5.0mm	4.0	5.0		3.4	0.6	2.6	0.32	0°	√	√	√	√	
V-EX52-60	Ø5.2mm-Ø6.0mm	5.0	6.0		3.4	0.6	2.6	0.32	0°	√	√	√	√	
● IV-EX3512D-45	Ø3.5mm-Ø4.5mm	3.5	4.5		3.4	0.6	2.6	0.12	12°		√	√	√	
V-EX4012D-50	Ø4.0mm-Ø5.0mm	4.0	5.0		3.4	0.6	2.6	0.52	12°		√	√	√	
V-EX5212D-60	Ø5.2mm-Ø6.0mm	5.2	6.0		3.4	0.6	3.13	0.52	12°		√	√	√	

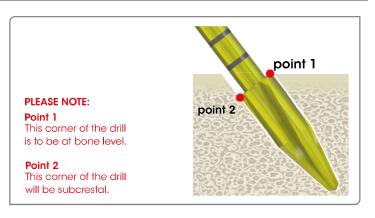


Pilot Drill

Pilot Drill markings

Final tapered drill position for Co-Axis $^\circ$ implants





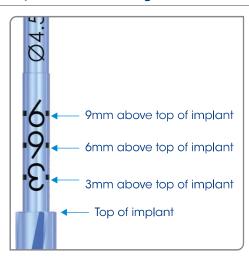
Tapered Drills

Tapered Drill markings



CODESD-IV3708/1

D-IV3708/10/11/13/15
D-IV4508/10/11/13/15
D-IV5010/11/13/15
D-IV6010/11/13/15



EXPLANATION OF SYMBOLS

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



- Colour code indicating platform diameter
- 3 Implant image
- Implant details and size
- 5 STERILE R Sterilization using Irradiation

EC REP European Representative

REF Catalogue number

LOT Batch Code

Do not Resterilize

Consult instruction for use

② Do not reuse

CE mark and notified body number

Use by Date

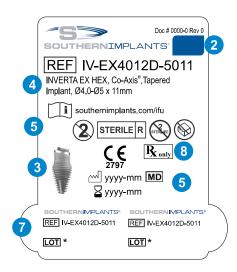
M Date of manufacture

Do not use if package is damaged

MD Identifies the product as a medical device

- 6 2D Bar coding Contains the GTIN, Use by Date and LOT Number
- Patient sticker for documentation purposes
 (to be used by health care provider on patient file)
- 8 Rescription device

CAUTION: FEDERAL LAW RESTRICTS THE DEVICE TO SALE BY OR ON THE ORDER OF A LICENCED HEALTH CARE PROVIDER.







For more information on Instructions for Use of our products, please scan the below,



or visit our website southernimplants.com/ifu

Platform Interface - DC

Platform Interface - External Hex

Ø3.5/Ø4.0

Ø3.25



Ø5.0

For more information, please contact your Southern Implants Representative or visit southernimplants.com



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EC REP

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