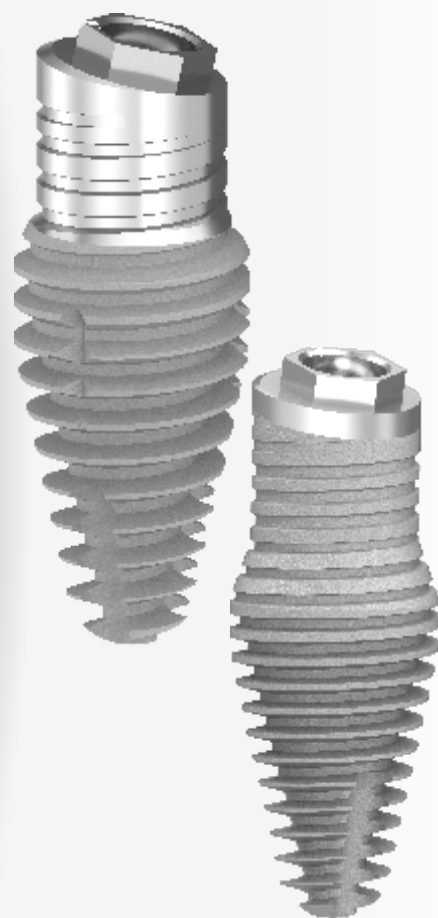




**SOUTHERNIMPLANTS®**

Innovative Treatment Solutions

**EXTERNAL HEX**  
**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 characterised 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®, Subcrestal Angle Correction® implants, available in angulations of 12°, 24° and 36° and various internal and external connections.
- MAX implant, specifically designed for immediate molar tooth replacement.
- The ZYGAN®, ZYGEX and ZYGIN implants for severely resorbed maxilla and craniofacial reconstruction.
- The Machined Surface Coronally (MSC) dental implant surface treatment offers practitioners an innovative way to take advantage of the best characteristics of both smooth and moderately rough implant surfaces.

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

My sincere thanks to all specialists, dentists and technicians who put their trust in our company.

  
**Graham Blackbeard**  
Managing Director, Southern Implants

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For more information scan the below



or visit

**SOUTHERNIMPLANTS.COM**

**NOTE:**

- 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.

## EXTERNAL HEX INVERTA®

Regular

Ø3.0 mm - Ø3.7 mm

Co-Axis®

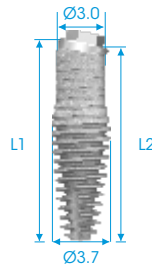
Ø3.0 mm - Ø3.7 mm



IV-EX30-37xx



IVM-EX30-37xx



IV-EX3012D-37xx



IVM-EX3012D-37xx

## Implant Range

NOTE: implant dimensions and information - page 25.

### Regular implants

ITEM CODE		IMPLANT LENGTHS (in mm) L1
IV-EX30-3710	IVM-EX30-3710	10.0
IV-EX30-3711	IVM-EX30-3711	11.5
IV-EX30-3713	IVM-EX30-3713	13.0
IV-EX30-3715	IVM-EX30-3715	15.0

### Co-Axis® implants

ITEM CODE		IMPLANT LENGTHS (in mm) L1 L2	
IV-EX3012D-3711	IVM-EX3012D-3711	11.5	10.72
IV-EX3012D-3713	IVM-EX3012D-3713	13.0	12.22
IV-EX3012D-3715	IVM-EX3012D-3715	15.0	14.22

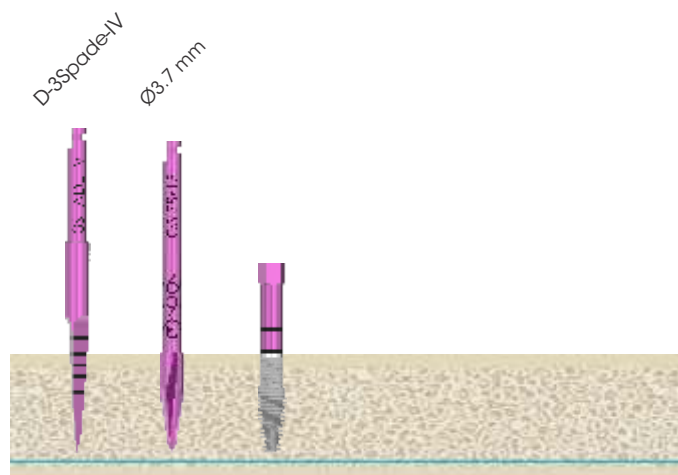
NOTE: implants are packed with fixture mount. See page 24 for additional information.

## Site Preparation Sequence

(illustrations are for 13 mm implants)

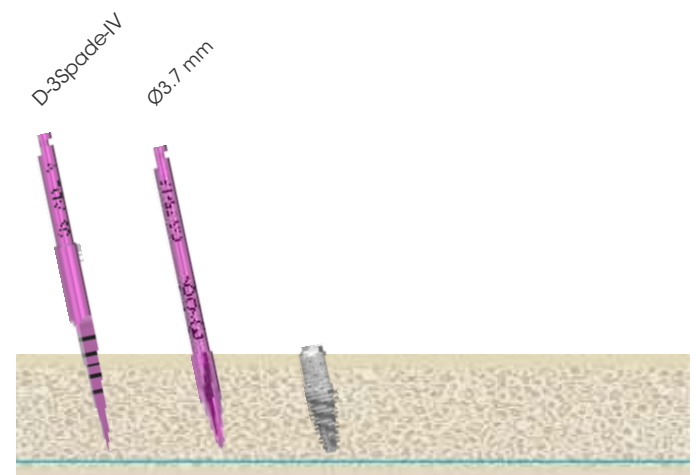
### Ø3.0 mm - Ø3.7mm (IV-EX30-37xx)

Soft, Medium and Dense Bone



### Ø3.0 mm - Ø3.7mm (IV-EX3012D-37xx)

Soft, Medium and Dense Bone



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

## Surgical Components

### Cover Screw

SCP-2



### Healing Abutments

TPNx



3/4/6  
lengths

TPWx



3/4/6  
lengths

### TOP Healing Abutments

HA-PKR2-EX-30

(laterals)



PEEK  
(packaged with retaining screw)

(where x is length)

## DIRECT

Healing  
Abutments

TNP

TPW

Impression  
CopingsCP  
(pick-up)SFT-EX-30  
(scanning flag)

Titanium

Laboratory  
Analogues

LP12

LAD-IP

(digital  
analogue)Prosthetic  
ComponentsGC-EX-30  
(engaging)  
GC-NX-30  
(non-engaging)

Gold

TC-EX-30-C1  
(engaging)  
TC-NX-30-C1  
(non-engaging)Titanium  
1 mm CollarPKR-EX-30  
(engaging)  
PKR-NX-30  
(non-engaging)

PEEK\*

\*Screw torque:  
15 NcmSIB-EX-30-40C1.5  
(engaging)  
SIB-NX-30-40C1.5  
(non-engaging)Ø4.0 platform  
1.5 mm collarSIB-EX-30-40C3  
(engaging)  
SIB-NX-30-40C3  
(non-engaging)Ø4.0 platform  
3 mm collarSIB-EX-30-45C3  
(engaging)  
SIB-NX-30-45C3  
(non-engaging)Ø4.5 platform  
3 mm collarSIB-EX-30-45C5  
(engaging)  
SIB-NX-30-45C5  
(non-engaging)Ø4.5 platform  
5 mm collarTIBS-EX-30-C1.5  
(engaging)

1.5 mm collar

TIBS-EX-30-C3  
(engaging)

3 mm collar

PKR-TOP2-EX-30  
(laterals)

PEEK\*

\*Screw torque: 15 Ncm

SP16  
(engaging)SP17  
(non-engaging)

ASC-EX-30



(packed with screw)

Retaining  
ScrewsTS-P-16  
M1.6Titanium  
(1.22 Hex)TORQUE:  
25 - 32 Ncm

ASC Abutment Screw

TS-P-16-ASC

Titanium  
Torque  
25 - 32 NcmTOP  
AbutmentsPASSIVE  
AbutmentAngulated Screw  
Channel  
AbutmentTOP  
Healing  
AbutmentsHA-PKR2-EX-30  
(laterals)

PEEK\*

\*Screw torque:  
15 Ncm(packed with  
retaining  
screw)

## INDIRECT

Compact  
Conical  
Abutment

1/3/4/5

TORQUE:  
20 NcmHealing  
Caps

4/6

OR



4/6

Impression  
CopingsCMC1  
(pick-up)CMC2  
(transfer)CMC-ZG-2  
(transfer)SFT-MC-48  
(scanning flag)

Titanium

Laboratory  
Analogues

LSMC1



LAD-MC

(digital  
analogue)Prosthetic  
Components

GMC1

Gold

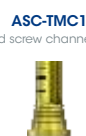


TMC1 / 5

Titanium  
TMCSL  
(long version)

SIB-TMC1

1 mm collar

PA-MC-48  
(passive abutment)ASC-TMC1  
(angulated screw channel abutment)

(packed with screw)



PKR-MC-48

PEEK\*  
\*Screw torque:  
10 - 15 NcmRetaining  
Screws1 Series  
ScrewsTORQUE:  
10 - 15 Ncm

TST1-ASC

TORQUE:  
10 - 15 Ncm



## EXTERNAL HEX INVERTA®

Regular

Ø3.5 mm - Ø4.5 mm

Ø4.0 mm - Ø5.0 mm

Co-Axis®

Ø3.5 mm - Ø4.5 mm

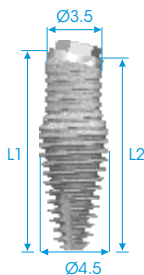
Ø4.0 mm - Ø5.0 mm



IV-EX35-45xx



IVM-EX35-45xx



IV-EX3512D-45xx



IVM-EX3512D-45xx

(where xx is implant length)

## Implant Range

NOTE: implant dimensions and information - page 25.

### Regular implants

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

### Co-Axis® implants

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

NOTE: implants are packed with fixture mount. See page 24 for additional information.

## Site Preparation Sequence

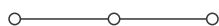
(illustrations are for 13 mm implants)

### Ø3.5 mm - Ø4.5 mm Tapered (IV-EX35-45xx)

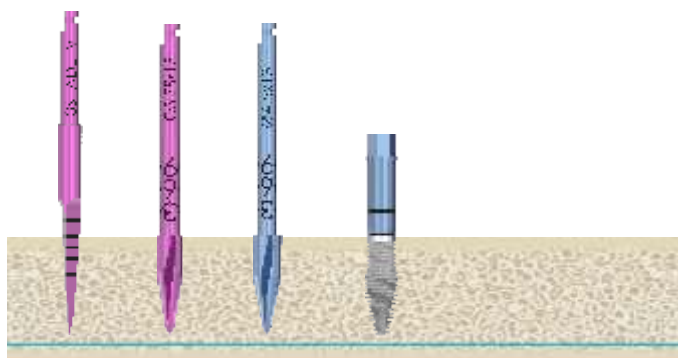
Soft and Medium Bone



Dense Bone



D-3Spade-IV  
Ø3.7 mm  
Ø4.5 mm



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

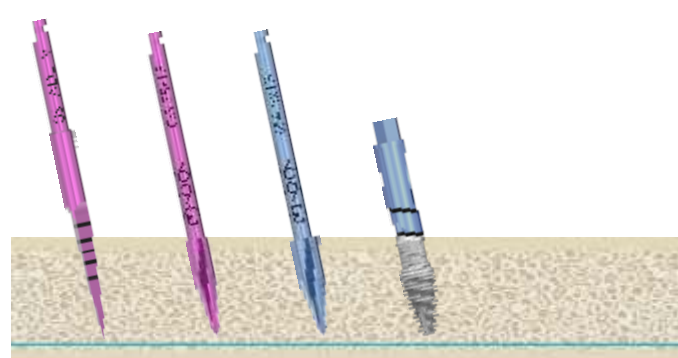
Soft and Medium Bone



Dense Bone



D-3Spade-IV  
Ø3.7 mm  
Ø4.5 mm



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

## Surgical Components

### Cover Screw

SCNU2



### Healing Abutments

TBNx



2/3/4/6/8  
lengths

WBNx



2/3/4/6  
lengths

### TOP Healing Abutments

HA-PKR1-EX-34

(centrals)



HA-PKR2-EX-34

(laterals)



HA-PKR3-EX-34

(canines)



HA-PKR4-EX-34

(premolars)



PEEK  
(packaged with retaining screw)

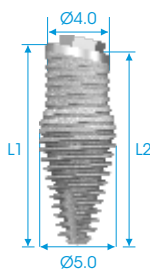
(where x is length)



IV-EX40-50xx



IVM-EX40-50xx



IV-EX4012D-50xx



IVM-EX4012D-50xx

(where xx is implant length)

## Implant Range

NOTE: implant dimensions and information - page 25.

### Regular implants

ITEM CODE		IMPLANT LENGTHS (in mm)
		L1
IV-EX40-5010	IVM-EX40-5010	10.0
IV-EX40-5011	IVM-EX40-5011	11.5
IV-EX40-5013	IVM-EX40-5013	13.0
IV-EX40-5015	IVM-EX40-5015	15.0

### Co-Axis® implants

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

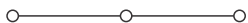
NOTE: implants are packed with fixture mount. See page 24 for additional information.

## Site Preparation Sequence

(illustrations are for 13 mm implants)

### Ø4.0 mm - Ø5.0 mm Tapered (IV-EX40-50xx)

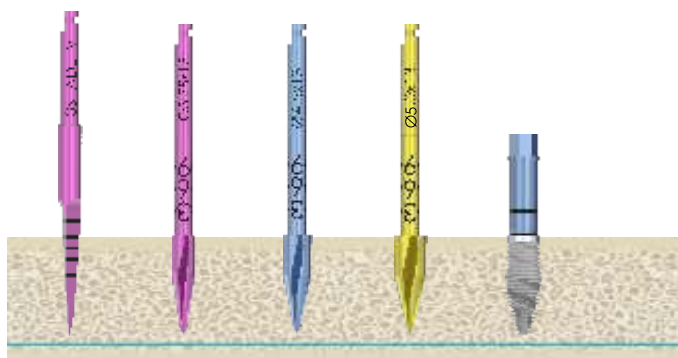
Soft and Medium Bone



Dense Bone

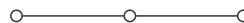


D-3Spade-IV Ø3.7 mm Ø4.5 mm Ø5.0 mm



### Ø4.0 mm - Ø5.0 mm Tapered (IV-EX4012-50xx)

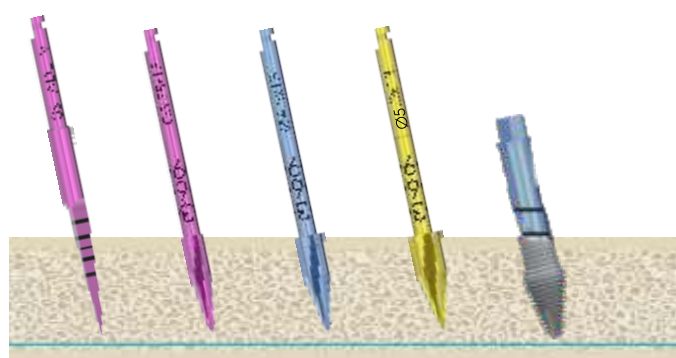
Soft and Medium Bone



Dense Bone



D-3Spade-IV Ø3.7 mm Ø4.5 mm Ø5.0 mm



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

## Surgical Components

### Cover Screw

SCNU2



### Healing Abutments

TBNx

2/3/4/6/8  
lengths

WBNx

2/3/4/6  
lengths

### TOP Healing Abutments

HA-PKR1-EX-34

(centrals)



HA-PKR2-EX-34

(laterals)



HA-PKR3-EX-34

(canines)



HA-PKR4-EX-34

(premolars)

PEEK  
(packaged with retaining screw)

(where x is length)

## DIRECT

Healing  
AbutmentsTOP  
Healing  
AbutmentsHA-PKR1-EX-34  
(centrals)HA-PKR2-EX-34  
(laterals)HA-PKR3-EX-34  
(canines)HA-PKR4-EX-34  
(premolars)PEEK\*  
\*Screw torque: 15 Ncm  
(packed with  
retaining  
screw)Impression  
CopingsCBNU  
Pick-upCBNU-W  
Pick-upCBN70  
TransferSFT-EX-34  
(Scanning Flag)

Titanium

Laboratory  
Analogues

LSN12



LAD-IBN

(digital  
analogue)Prosthetic  
ComponentsGC-EX-34  
(engaging)  
GC-NX-34  
(non-engaging)

Gold

TC-EX-34-C1  
(engaging)  
TC-NX-34-C1  
(non-engaging)Titanium  
1 mm CollarTC-EX-34-C5  
(engaging)  
TC-NX-34-C5  
(non-engaging)Titanium  
5 mm CollarPKR-EX-34  
(engaging)  
PKR-NX-34  
(non-engaging)

PEEK\*

\*Screw torque:  
15 NcmSIB-EX-34-43C1.5  
(engaging)  
SIB-NX-34-43C1.5  
(non-engaging)Ø4.3 platform  
1.5 mm collarSIB-EX-34-43C3  
(engaging)  
SIB-NX-34-43C3  
(non-engaging)Ø4.3 platform  
3 mm collarSIB-EX-34-48C3  
(engaging)  
SIB-NX-34-48C3  
(non-engaging)Ø4.8 platform  
3 mm collarSIB-EX-34-48C5  
(engaging)  
SIB-NX-34-48C5  
(non-engaging)Ø4.8 platform  
5 mm collarTIB-EX-34  
(engaging)  
TIB-NX-34  
(non-engaging)

0.6 mm collar

TIB-EX-34-C1.5  
(engaging)  
TIB-NX-34-C1.5  
(non-engaging)

1.5 mm collar

TIB-EX-34-C3  
(engaging)  
TIB-NX-34-C3  
(non-engaging)

3 mm collar

CIA-EX-34  
(engaging)  
CIA-NX-34  
(non-engaging)3 Series  
ScrewsTORQUE:  
32 - 40 NcmPKR-TOP1-EX-34  
(centrals)TOP  
AbutmentsPKR-TOP2-EX-34  
(laterals)

PEEK\*

\*Screw torque: 20 Ncm

PKR-TOP3-EX-34  
(canines)PKR-TOP4-EX-34  
(premolars)SBN16  
(engaging)  
SBN-17-TT  
(non-engaging)PASSIVE  
Abutment

ASC-EX-34



(packed with screw)

TSTZ5-ASC

Titanium  
Torque  
32 - 40 Ncm

**NOTE:** for Vertical Passive abutment refer to CAT-1120. For Ball and Equator Overdenture abutments refer to CAT-1019 and CAT-1189. For Anatomical abutments refer to CAT-1138.

## INDIRECT

Compact  
Conical  
Abutment

ABNMC2

1/2/3/4/5.5

OR

ABNMC17D\*

\* Packed with TSUZ9

TORQUE:  
20 Ncm

Healing  
Caps

HMC

4/6

OR

HMCT7

4/6

Impression  
Copings

CMC1  
(pick-up)

CMC2  
(transfer)

CMC-ZG-2  
(transfer)

SFT-MC-48  
(scanning flag)


Titanium

Laboratory  
Analogues

LSMC1



LAD-MC


(digital  
analogue)

Prosthetic  
Components

GMC1



Gold

TMC1 / 5


Titanium  
TMCSL  
(long version)

PKR-MC-48


PEEK\*  
\* Screw torque:  
10 - 15 Ncm

SIB-TMC1



1 mm collar

PA-MC-48

(passive abutment)



ASC-TMC1

(angulated screw channel abutment)



(packed with screw)

Retaining  
Screws

1 Series  
Screws

TORQUE:  
10 - 15 Ncm

TST1-ASC


TORQUE:  
10 - 15 Ncm



## EXTERNAL HEX INVERTA®

Regular

Ø5.2 mm - Ø6.0 mm

Co-Axis®

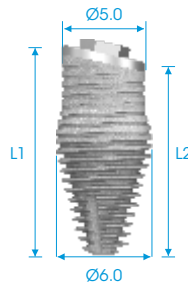
Ø5.2 mm - Ø6.0 mm



IV-EX52-60xx



IVM-EX52-60xx



IV-EX5212D-60xx



IVM-EX5212D-60xx

(where xx is implant length)

## Implant Range

NOTE: implant dimensions and information - page 25.

### Regular implants

ITEM CODE		IMPLANT LENGTHS (in mm)
		L1
IV-EX52-6010	IVM-EX52-6010	10.0
IV-EX52-6011	IVM-EX52-6011	11.5
IV-EX52-6013	IVM-EX52-6013	13.0
IV-EX52-6015	IVM-EX52-6015	15.0

### Co-Axis® implants

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

NOTE: implants are packed with fixture mount. See page 24 for additional information.

## Site Preparation Sequence

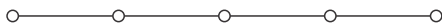
(illustrations are for 13 mm implants)

### Ø5.2 mm - Ø6.0 mm Tapered (IV-EX52-60xx)

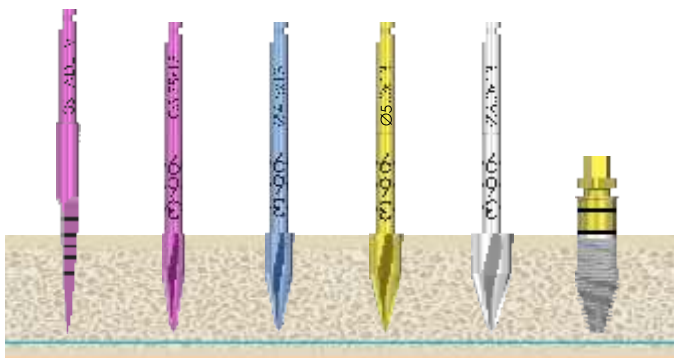
Soft and Medium Bone



Dense Bone



D-3Spade-IV Ø3.7 mm Ø4.5 mm Ø5.0 mm Ø6.0 mm

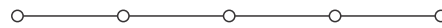


### Ø5.2 mm - Ø6.0 mm Tapered (IV-EX52-60xx)

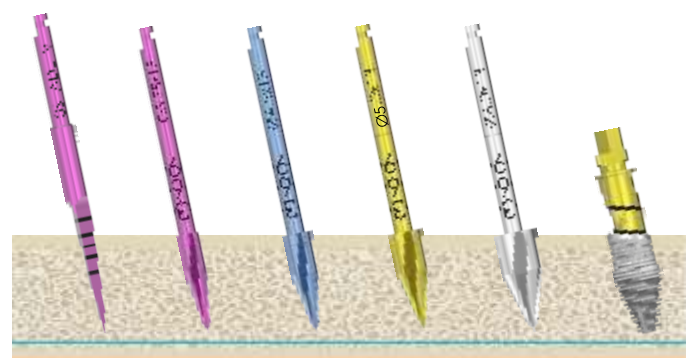
Soft and Medium Bone



Dense Bone



D-3Spade-IV Ø3.7 mm Ø4.5 mm Ø5.0 mm Ø6.0 mm



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

## Surgical Components

### Cover Screw

SCAU5



### Healing Abutments

TBAx

Ø5.5



2/3/4/6/8  
lengths

XBAx

Ø6.5



2/3/4/6/8  
lengths

WBAx

Ø7.5



2/3/4/6/8  
lengths

### Healing Abutments (two-part)

TV5BAx

Ø5.0



4/6  
lengths

T5BAx

Ø5.5



3/4/6  
lengths

T6BAx

Ø6.5



3/4/6/12  
lengths

T7BAx

Ø7.5



3/4/6/12  
lengths

(where x is length)



## DIRECT

### Healing Abutments

**TV5BA**  
(two-part)



**TBA**  
(one-part)



**XBA**  
(one-part)



**WBA**  
(one-part)



### Impression Copings

**CBAV**  
(pick-up)



**CBAU**  
(pick-up)



**CBA75**  
(Transfer)



**CBAU-M**  
(pick-up)



**CBAU-W**  
(pick-up)



**SFT-EX-50**  
(scanning flag)



Titanium

### Laboratory Analogues

**LSA12**



**LAD-BA**



(digital analogue)

**PASSIVE**  
**Abutments**

### Prosthetic Components

**GC-EX-50**  
(engaging)  
**GC-NX-50**  
(non-engaging)



Gold

**TC-EX-50-C1**  
(engaging)  
**TC-NX-50-C1**  
(non-engaging)



Titanium  
1 mm Collar

**TC-EX-50-C5**  
(engaging)  
**TC-NX-50-C5**  
(non-engaging)



Titanium  
5 mm Collar

**PKR-EX-50**  
(engaging)  
**PKR-NX-50**  
(non-engaging)



PEEK\*  
\*Screw torque:  
20 Ncm

**SIB-EX-50-55C1.5**  
(engaging)  
**SIB-NX-50-55C1.5**  
(non-engaging)



Ø5.5 platform  
1.5 mm collar

**SIB-EX-50-55C3**  
(engaging)  
**SIB-NX-50-55C3**  
(non-engaging)



Ø5.5 platform  
3 mm collar

**SIB-EX-50-65C3**  
(engaging)  
**SIB-NX-50-65C3**  
(non-engaging)



Ø6.5 platform  
3 mm collar

**SIB-EX-50-65C5**  
(engaging)  
**SIB-NX-50-65C5**  
(non-engaging)



Ø6.5 platform  
5 mm collar

**TIB-EX-50**  
(engaging)  
**TIB-NX-50**  
(non-engaging)



0.6 mm collar

**TIB-EX-50-C1.5**  
(engaging)  
**TIB-NX-50-C1.5**  
(non-engaging)



1.5 mm collar

**TIB-EX-50-C3**  
(engaging)  
**TIB-NX-50-C3**  
(non-engaging)



3 mm collar

**CIA-EX-50**  
(engaging)  
**CIA-NX-50**  
(non-engaging)



**SBA16**  
(engaging)  
**SBA-17-TT**  
(non-engaging)



### Retaining Screws

**3 Series**  
Screws

TORQUE:  
32 - 40 Ncm

**2 Series**  
Screws

TORQUE:  
32 - 40 Ncm

**NOTE:** for Ball and Equator Overdenture abutments refer to CAT-1019 and CAT-1189. For Anatomical abutments refer to CAT-1138.

## INDIRECT

Compact  
Conical  
Abutment

ABAMCZ



1/2/3/4/5

TORQUE:  
20 Ncm

OR

ABAMC17D-3\*



ABAMC30D-4\*



\* Packed with TSUZ9

TORQUE:  
20 NcmHealing  
Caps

HMCW



4/6

OR

HMCTW9



4/6

Impression  
Copings

CMCW1

(pick-up)



CMCW2

(transfer)



SFT-MC-60

(scanning flag)



Titanium

CMC1

(pick-up)



CMC2

(transfer)



CMC-ZG-2

(transfer)



SFT-MC-48

(scanning flag)



Titanium

Laboratory  
Analogue

LSMCW1



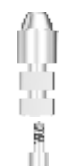
LAD-MCW

(digital  
analogue)

LSMC1



LAD-MC

(digital  
analogue)Prosthetic  
Components

GMCW1



Gold

TMCW1 / 5



Titanium

PKR-MC-60



PEEK\*

\*Screw torque:  
10 - 15 Ncm

SIB-TMCW1



1 mm collar

PA-MC-60

(passive abutment)



ASC-TMCW1

(angulated screw channel abutment)



(packed with screw)

GMC1



Gold

TMC1 / 5



Titanium

TMCSL

(long version)

PKR-MC-48



PEEK\*

\*Screw torque:  
10 - 15 Ncm

SIB-TMC1



1 mm collar

PA-MC-48

(passive abutment)



ASC-TMC1

(angulated screw channel abutment)



(packed with screw)

Retaining  
Screws1 Series  
ScrewsTORQUE:  
10 - 15 Ncm

TST1-ASC

TORQUE:  
10 - 15 Ncm1 Series  
ScrewsTORQUE:  
10 - 15 Ncm

TST1-ASC

TORQUE:  
10 - 15 Ncm

## TORQUE TABLE FOR SOUTHERN SCREWS

### 2 Series screws (M2)

1.22 Hex



**TSHZ2**



**BSH2\***  
(finger tighten)

Slotted



**TSSZ2**



**BSS2\***  
(finger tighten)

Unigrip



**TSUZ2**

**TORQUE:**  
32 - 40 Ncm  
**Head diameter:**  
2.70 mm

### 3 Series screws (M2)

1.22 Hex



**TSHZ3**



**BSH3\***  
(finger tighten)

Slotted



**TSSZ3**



**BSS3\***  
(finger tighten)

Unigrip



**TSUZ3**

**TORQUE:**  
32 - 40 Ncm  
**Head diameter:**  
2.40 mm

**NOTE:** screw TORQUE with PEEK prosthetics: < Ø4.0 mm implant interfaces: 15 Ncm  
≥ Ø4.0 mm implant interfaces: 20 Ncm

### ASC abutment screws

### ASC 1 Series screw

### Piccolo screws (M1.6)



**TSTZ5-ASC**

**TORQUE:**  
32 - 40 Ncm  
**Head diameter:**  
2.40 mm



**TST1-ASC**

**TORQUE:**  
10 - 15 Ncm  
**Head diameter:**  
2.30 mm



**TS-P-16-ASC**

1.22 Hex



**TS-P-16**



**BS-P-16\***  
(finger tighten)

**TORQUE:**  
25 - 32 Ncm  
**Head diameter:**  
2.15 mm  
**Screw TORQUE with PEEK prosthetics:**  
10 - 15 Ncm

### 9 Series, Angled Compact Conical Abutment screws (M2)

### Digital Laboratory Analogue screw

Unigrip



**TSUZ9**

(supplied with angled compact conical abutment)

**TORQUE:**  
20 Ncm  
**Head diameter:**  
2.50 mm

1.22 Hex



**LAD-S**

(supplied with all digital analogues)

**TORQUE:**  
Finger tighten  
**Head diameter:**  
2.40 mm

### 1 Series screws (M1.4)

### Screw product codes

1.22 Hex



**TSH1**



**BSH1\***  
(finger tighten)

Slotted



**TSS1**



**BSS1\***  
(finger tighten)

Unigrip



**TSU1**

**TORQUE:**  
10 - 15 Ncm  
**Head diameter:**  
2.25 mm  
**Screw TORQUE with PEEK prosthetics:**  
10 - 15 Ncm

Southern screws are manufactured from different materials. This is indicated with the first letter of the product code:

**T** = Titanium  
**G** = Gold  
**B** = Brass  
**P** = Passive screws - Titanium anodised

### Screw Head Connections

Hex



Slotted



Unigrip



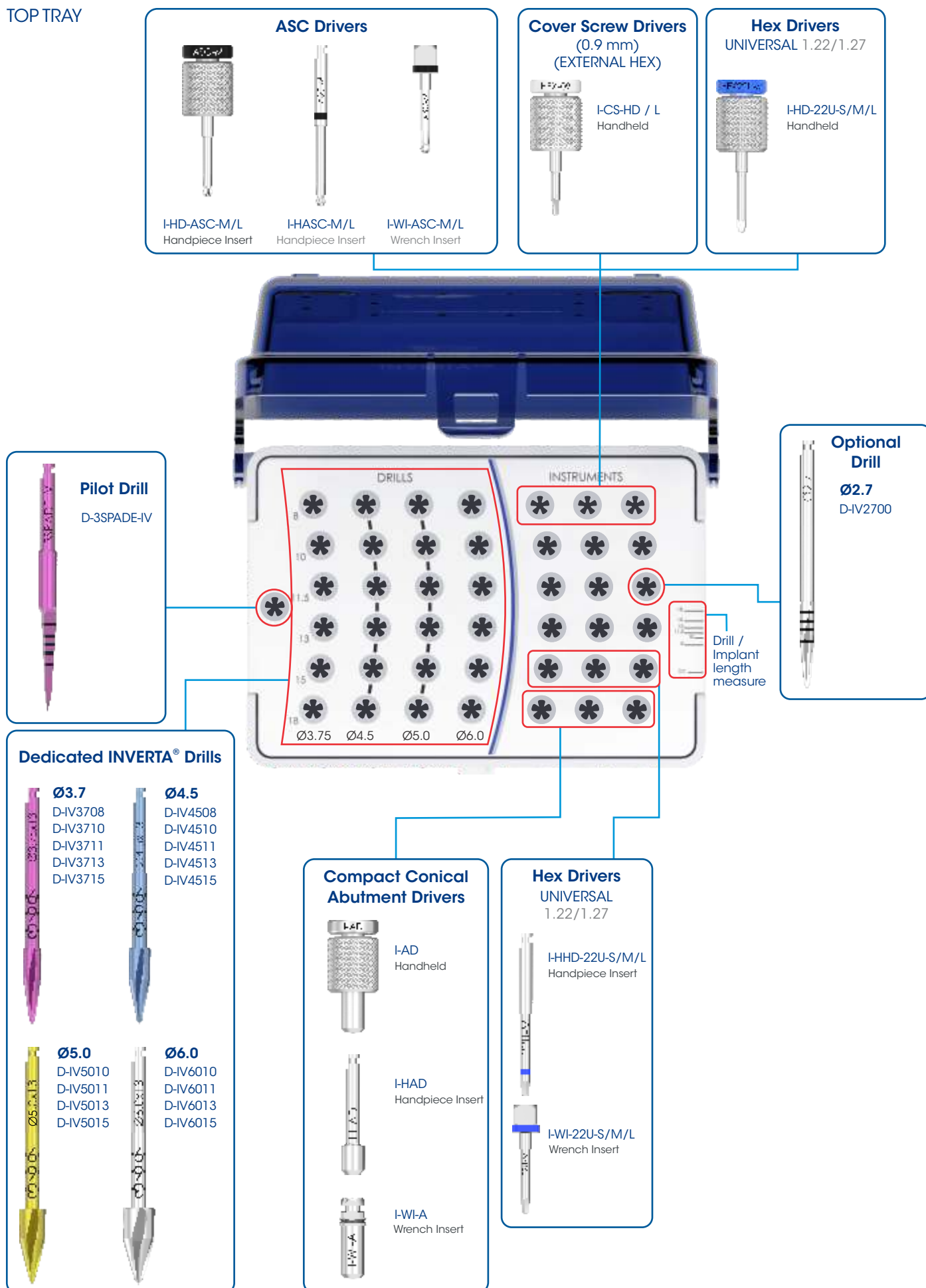
ASC



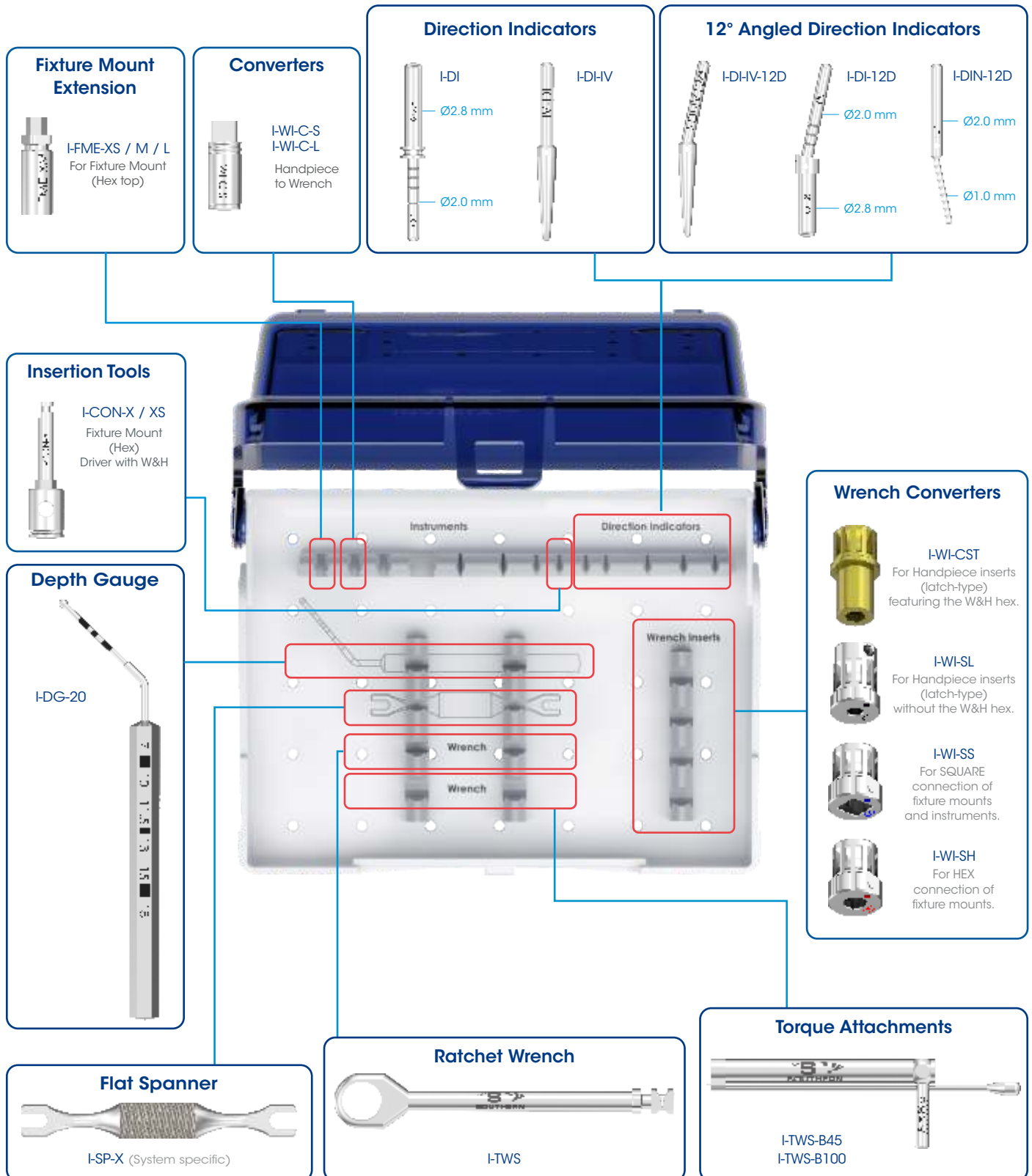
### NOTE:

- 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.
- \* blackened and for laboratory use only.
- universal drivers are compatible with both 1.22 and 1.27 Hex screws:
  - I-HD22U-S/M/L
  - I-HHD-22U-S/M/L
  - I-WI-22U-S/M/L

TOP TRAY



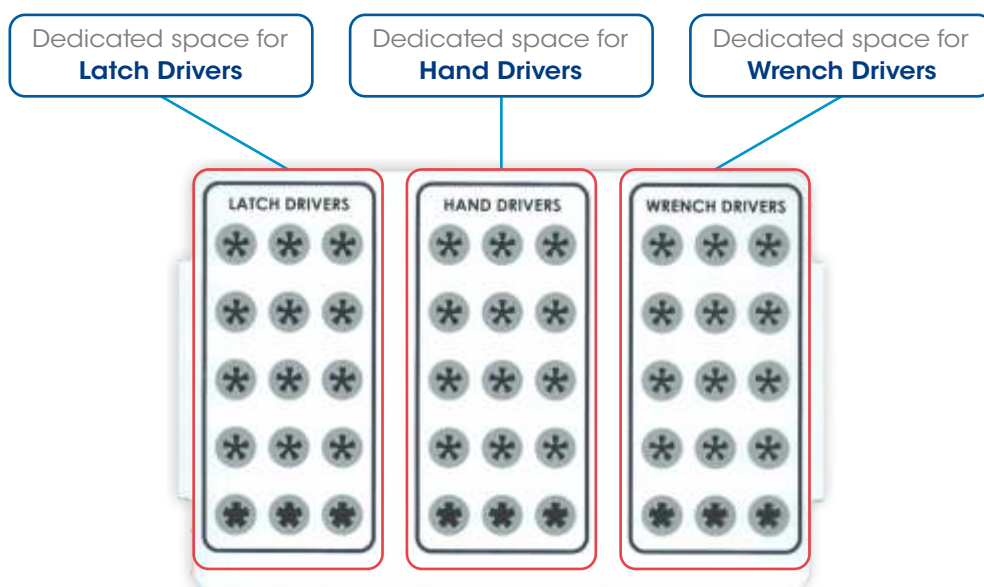
## BOTTOM TRAY



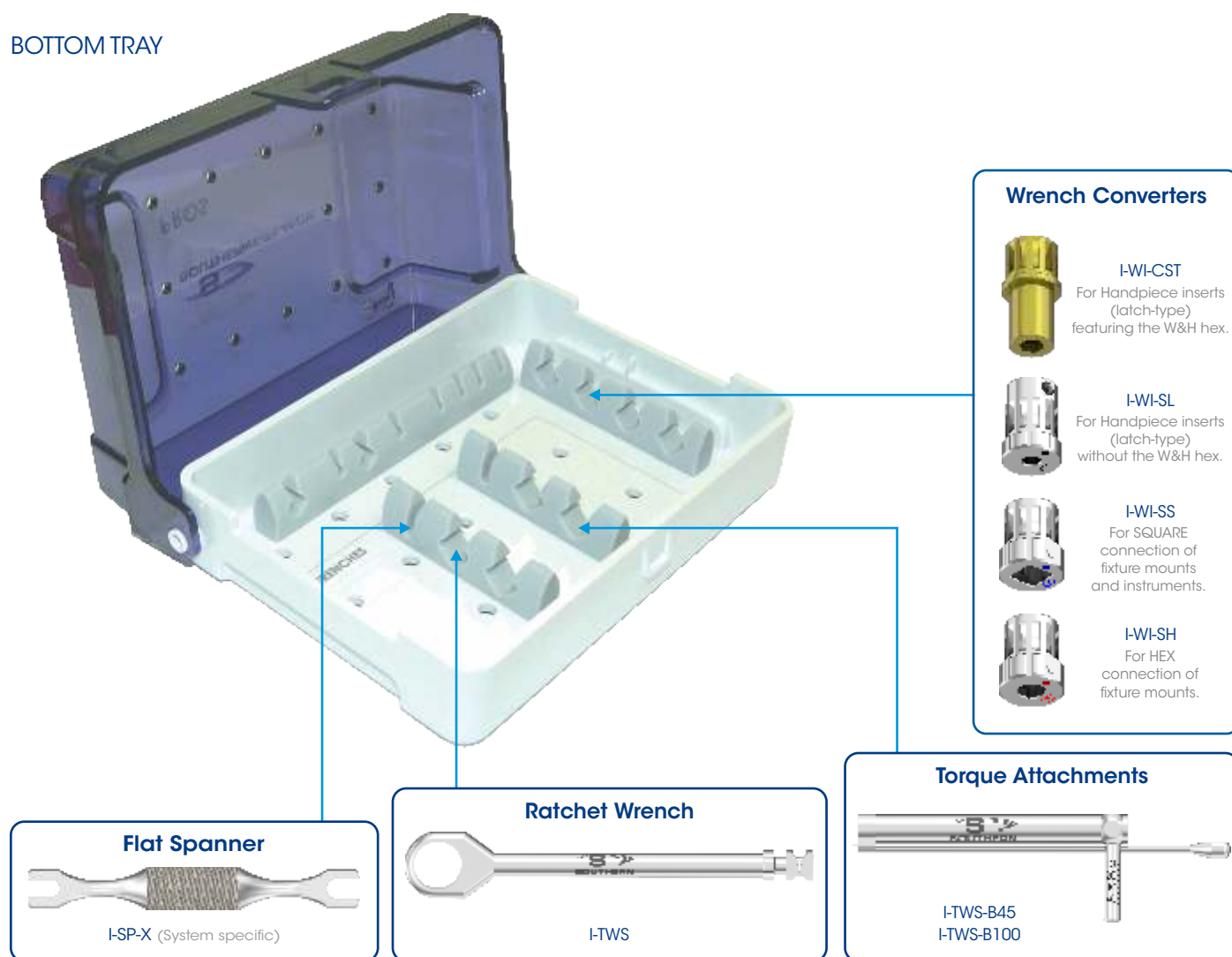
### NOTE:

- 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).

## TOP TRAY



## BOTTOM TRAY



## NOTE:

- this instrument tray is to be customised by the user to be suitable for use with the preferred implant system and its surgical or prosthetic items.
- most instruments are available in various lengths.

## DRILL INFORMATION

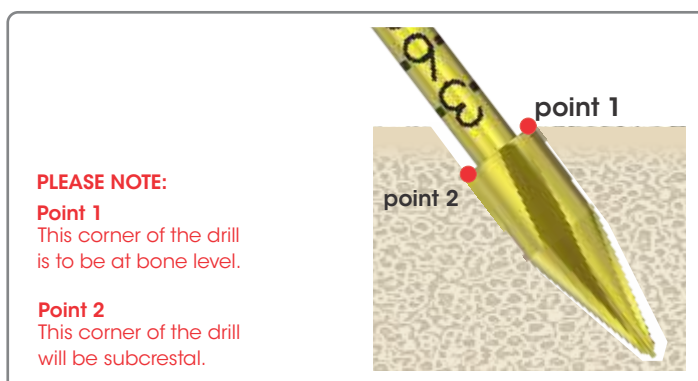
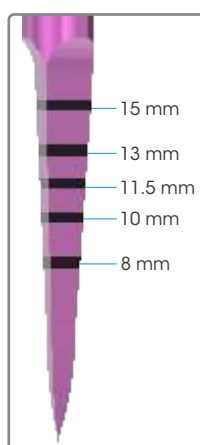
### Pilot Drill

### Pilot Drill markings

### Final tapered drill position for Co-Axis® implants



D-3SPADE-IV



### Tapered Drills

### Tapered Drill markings



D-IV37xx D-IV45xx D-IV50xx D-IV60xx

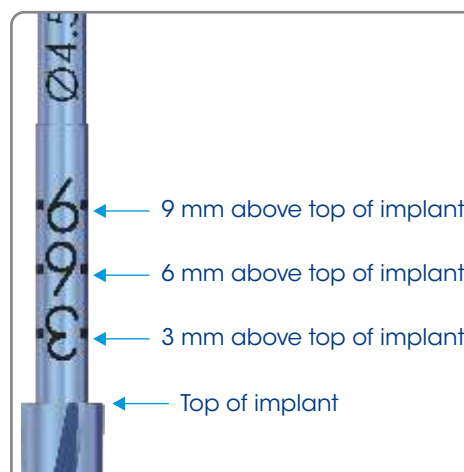
#### CODES

D-IV3708/10/11/13/15

D-IV4508/10/11/13/15

D-IV5010/11/13/15

D-IV6010/11/13/15



### Optional Drill

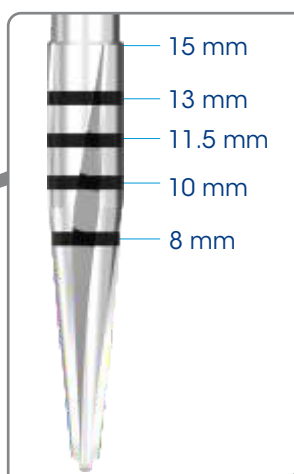
### Drill markings



D-IV2700

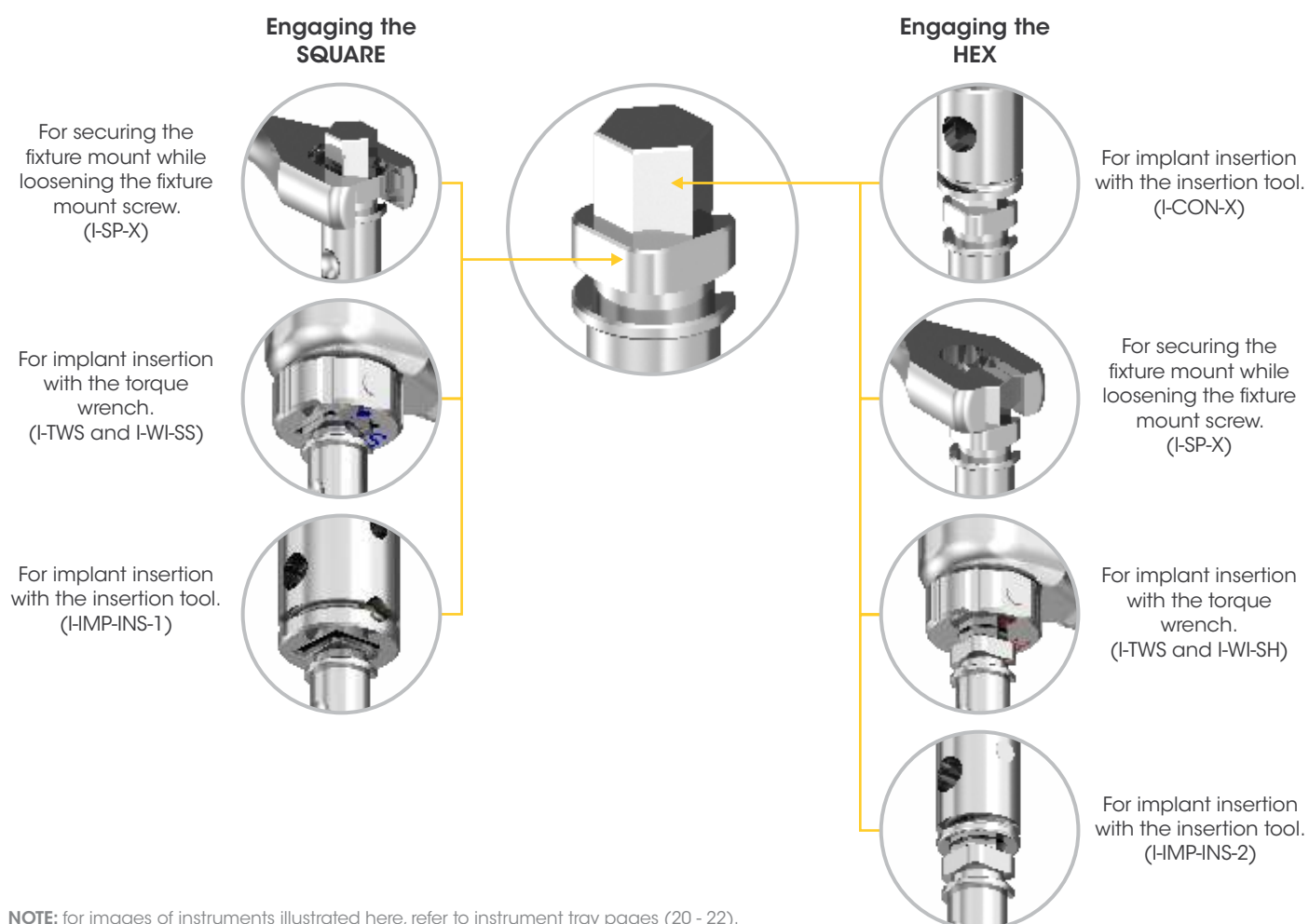
#### CODE

D-IV2700





## Instruments for implants packaged with a fixture mount



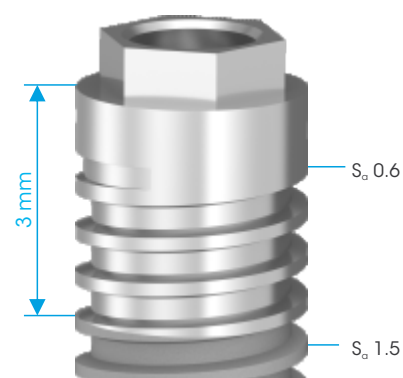
## MSC IMPLANTS

### MSC stands for Machined Surface Coronally

















































































Capturing the advantage of Southern's proven rough surface where it is needed most. The "smoother" coronal machined surface is engineered to reduce bacterial adhesion and thus, decrease the risk of infection which could lead to marginal bone loss.

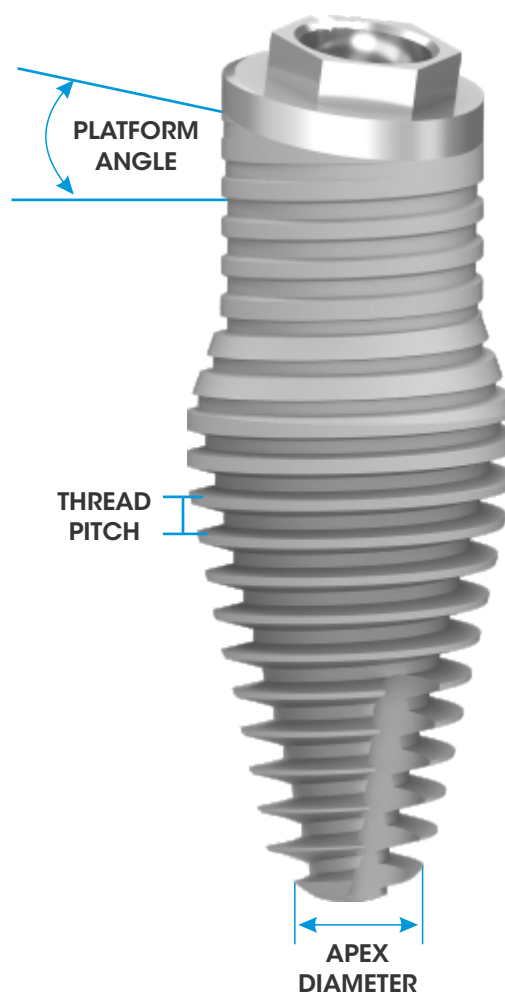
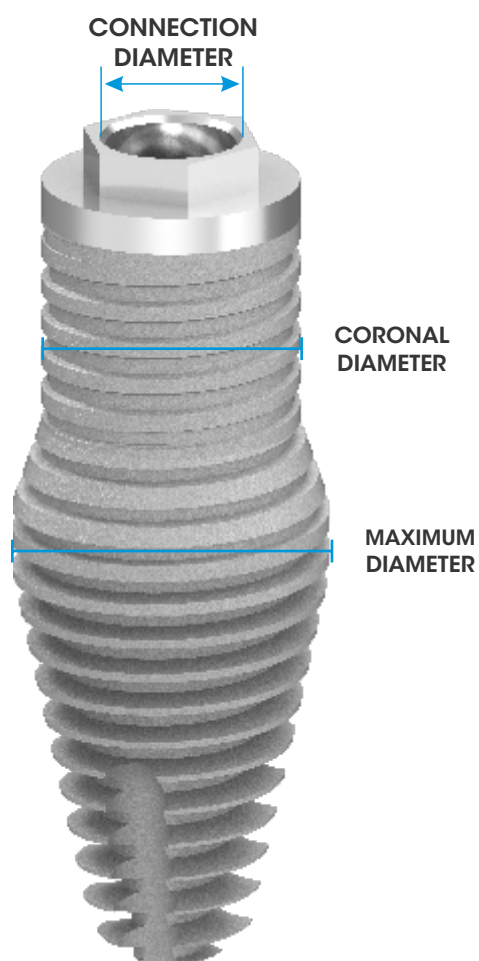
Indicated for patients with higher risk of coronal bone loss (smokers, history of periodontitis, cardiovascular disease).

The coronal machined surface area covers the top crestal 3 mm of the implant.



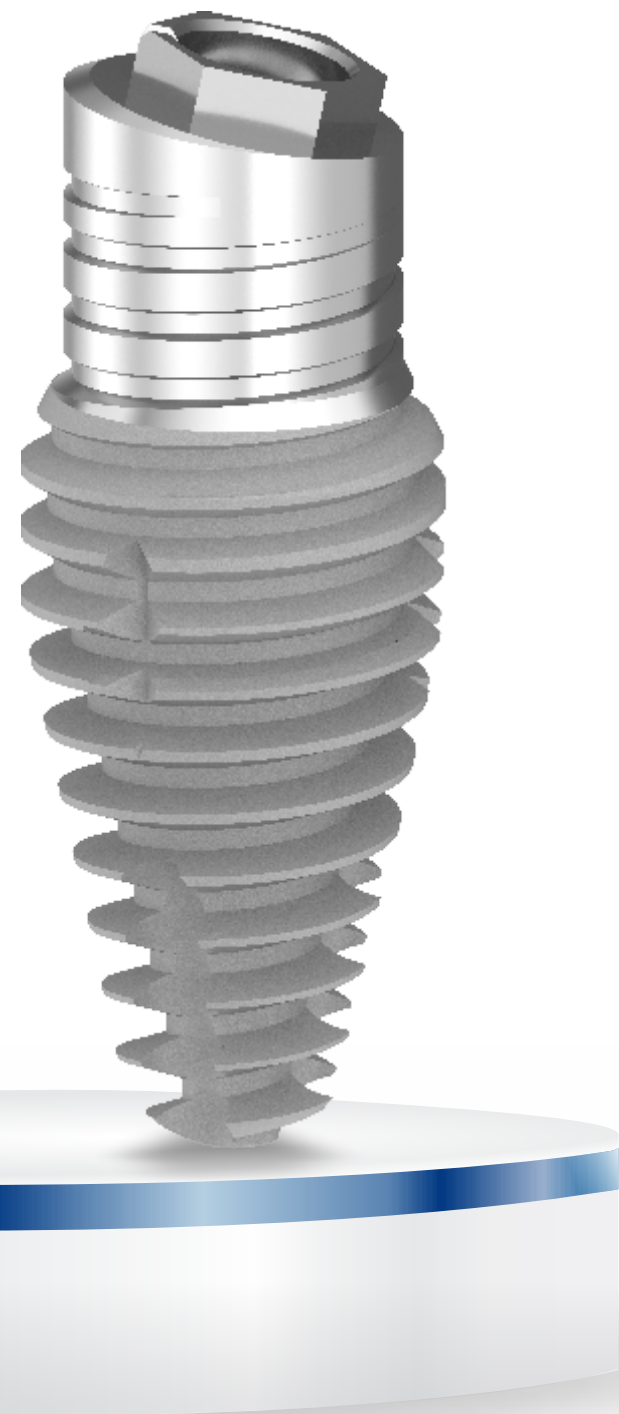


RANGE			CORONAL DIAMETER	MAXIMUM DIAMETER		PROSTHETICS	CONNECTION DIAMETER	THREAD PITCH	APEX DIAMETER	PLATFORM ANGLE	IMPLANT LENGTHS			
											10	11.5	13	15
	IV-EX30-37xx	Ø3.0 mm - Ø3.7 mm	3.0	3.75		Ø3.0 mm	3.0	0.6	2.6	0°				
	IVM-EX30-37xx	Ø3.0 mm - Ø3.7 mm	3.0	3.75		Ø3.0 mm	3.0	0.8	2.6	0°				
	IV-EX35-45xx	Ø3.5 mm - Ø4.5 mm	3.5	4.5		Ø3.25 mm	3.4	0.6	2.6	0°				
	IVM-EX35-45xx	Ø3.5 mm - Ø4.5 mm	3.5	4.5		Ø3.25 mm	3.4	0.8	2.6	0°				
	IV-EX40-50xx	Ø4.0 mm - Ø5.0 mm	4.07	5.0		Ø3.25 mm	3.4	0.6	2.6	0°				
	IVM-EX40-50xx	Ø4.0 mm - Ø5.0 mm	4.07	5.0		Ø3.25 mm	3.4	0.8	2.6	0°				
	IV-EX52-60xx	Ø5.2 mm - Ø6.0 mm	5.2	6.0		Ø5.0 mm	5.0	0.6	3.13	0°				
	IVM-EX52-60xx	Ø5.2 mm - Ø6.0 mm	5.2	6.0		Ø5.0 mm	5.0	0.8	3.13	0°				
	IV-EX3012D-37xx	Ø3.0 mm - Ø3.7 mm	3.0	3.75		Ø3.0 mm	3.0	0.6	2.6	12°				
	IVM-EX3012D-37xx	Ø3.0 mm - Ø3.7 mm	3.0	3.75		Ø3.0 mm	3.0	0.8	2.6	12°				
	IV-EX3512D-45xx	Ø3.5 mm - Ø4.5 mm	3.5	4.5		Ø3.25 mm	3.4	0.6	2.6	12°				
	IVM-EX3512D-45xx	Ø3.5 mm - Ø4.5 mm	3.5	4.5		Ø3.25 mm	3.4	0.8	2.6	12°				
	IV-EX4012D-50xx	Ø4.0 mm - Ø5.0 mm	4.07	5.0		Ø3.25 mm	3.4	0.6	2.6	12°				
	IVM-EX4012D-50xx	Ø4.0 mm - Ø5.0 mm	4.07	5.0		Ø3.25 mm	3.4	0.8	2.6	12°				
	IV-EX5212D-60xx	Ø5.2 mm - Ø6.0 mm	5.2	6.0		Ø5.0 mm	5.0	0.6	3.13	12°				
	IVM-EX5212D-60xx	Ø5.2 mm - Ø6.0 mm	5.2	6.0		Ø5.0 mm	5.0	0.8	3.13	12°				



## NOTE:

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



### **BODY-SHIFT™**

Allows for apical bone engagement in immediate placement and a coronal chamber for bone growth resulting in natural aesthetics.



### **CORONAL THREAD**

Featuring a shallow square thread for blood clot and graft stability as well as the ability to effectively transfer load to the bone.



### **AGGRESSIVE APICAL THREAD**

Aggressive thread for maximum primary stability in trabecular bone.



### **CO-AXIS® FEATURE**

Built in 12° Subcrestal Angle Correction® providing greater facial soft-tissue volume and ideal screw-retained restorative options.



### **SINERGY SURFACE**

Consistent results for early osseointegration and longevity with over twenty years of documented research.























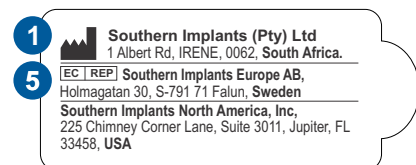
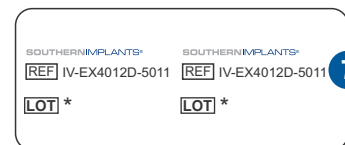
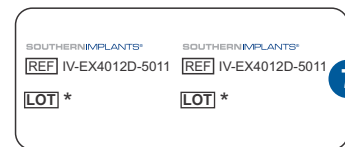
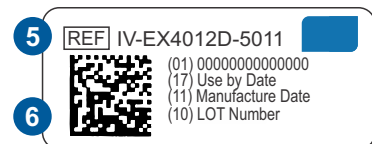
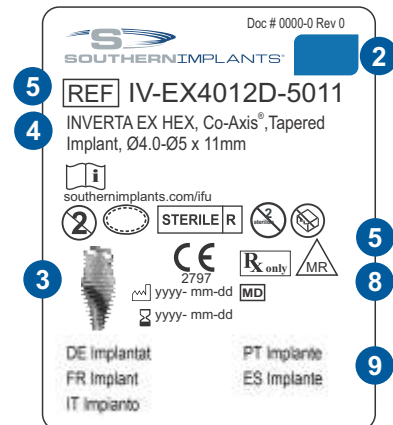
### **HIGH STRENGTH TITANIUM**

High strength grade 4 pure titanium ( $\geq 920$  MPa) providing exceptional fatigue strength.

## EXPLANATION OF SYMBOLS

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

- 1  Manufacturer
- 2  Colour code indicating platform diameter
- 3  Implant image
- 4  Implant details and size
- 5  Sterilisation using Irradiation
-  European Representative
-  Catalogue number
-  Batch Code
-  Do not Resterilise
-  Consult instruction for use
-  Do not reuse
-  CE mark and notified body number
-  Use by Date
-  Date of manufacture
-  Do not use if package is damaged
-  Identifies the product as a medical device
-  MR Conditional / Magnetic Resonance Conditional
-  Single sterile barrier system
-  Double sterile barrier
- 6 2D Bar coding  
Contains the GTIN, Use by date and LOT number
- 7 Patient sticker for documentation purposes  
(to be used by health care provider on patient file)
- 8  Prescription device  
**CAUTION:** FEDERAL LAW RESTRICTS THE DEVICE TO SALE BY OR ON THE ORDER OF A LICENCED HEALTH CARE PROVIDER.
- 9 Product description  
(translated as per international standards)



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



or visit our website  
[southernimplants.com/ifu](https://southernimplants.com/ifu)

## Platform Interface



Ø3.0 mm



Ø3.25 mm



Ø5.0 mm

For more information scan the below



to contact your Southern Implants Representative  
or visit [southernimplants.com](http://southernimplants.com)



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**EC REP**

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