

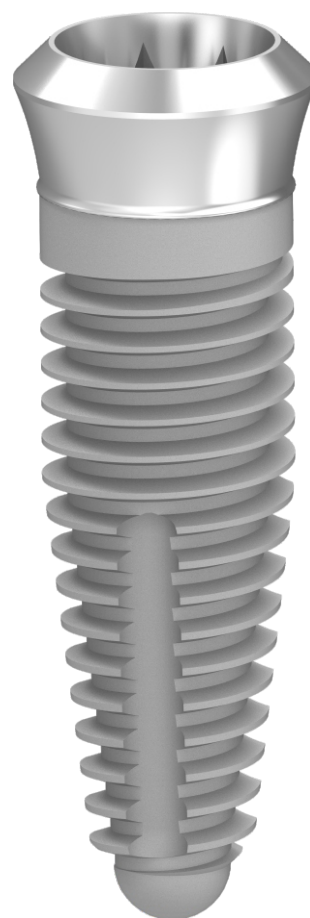


**SOUTHERNIMPLANTS®**

Innovative Treatment Solutions

## **Internal Octagon** 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 sincere thanks to all specialists, dentists and technicians who put their trust in our company.

  
**Graham Blackbeard**  
Managing Director, Southern Implants

## CONTENTS

---

● <b>Ø3.3 ITC Implants (Parallel Walled &amp; Tapered)</b>	
<b>Ø4.1 ITC &amp; Ø4.0 ITT Implants (Parallel Walled &amp; Tapered)</b>	
<b>Ø4.9 ITC &amp; Ø5.0 ITT Implants (Parallel Walled &amp; Tapered)</b>	
Implants & Surgical Components.....	Page 06
Prosthetic Flowchart.....	Page 07
Site Preparation.....	Page 08
● <b>Ø4.9 ITC6 &amp; Ø5.0 ITT6 Implants (Parallel Walled &amp; Tapered)</b>	
<b>Ø6.0 ITT6 Implants (Tapered)</b>	
Implants & Surgical Components.....	Page 12
Prosthetic Flowchart.....	Page 13
Site Preparation.....	Page 14
● <b>Ø4.0mm &amp; Ø5.0mm Co-Axis® Implants (Tapered)</b>	
Implants & Surgical Components.....	Page 16
Prosthetic Flowchart.....	Page 17
Site Preparation.....	Page 18
● <b>MAXIT7 Implants (Tapered)</b>	
Implants & Surgical Components.....	Page 20
Prosthetic Flowchart.....	Page 21
Site Preparation.....	Page 22
● <b>MAXIT8 &amp; MAXIT9 Implants (Tapered)</b>	
Implants & Surgical Components.....	Page 24
Prosthetic Flowchart.....	Page 25
Site Preparation.....	Page 26
<b>Torque Table for Southern Screws .....</b>	<b>Page 27</b>
<b>Drill Information.....</b>	<b>Page 27</b>
<b>IT Fixture Mount Features.....</b>	<b>Page 27</b>
<b>Instrument Trays</b>	
IT-EG.....	Page 28
I-MAX-EG.....	Page 30
I-PROS-EG.....	Page 32
<b>Implant Dimensions &amp; Information.....</b>	<b>Page 33</b>
<b>Implant Placement for ITC and ITT Implants with Placement Tools.....</b>	<b>Page 34</b>
<b>Implant Placement for Implants with Fixture Mounts.....</b>	<b>Page 34</b>
<b>Explanation of Symbols.....</b>	<b>Page 35</b>

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.



## INTERNAL OCTAGON

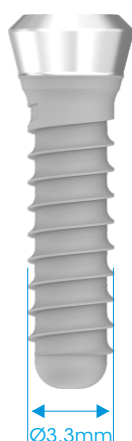
Standard interface

**Ø3.3mm**

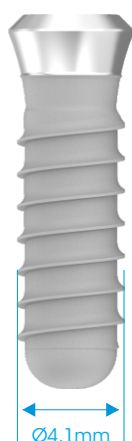
**Ø4.0mm**

**Ø5.0mm**

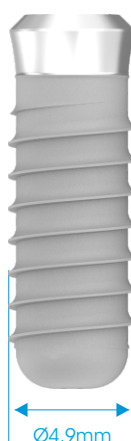
⚠ Restore with Ø4.8mm  
Standard Interface Components



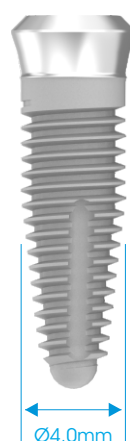
ITC3xx



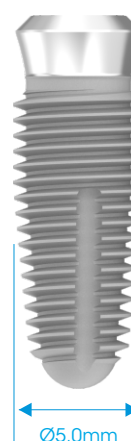
ITC4xx



ITC5xx



ITT4xx



ITT5xx

(where xx is implant length)

### Implants are available in lengths of:

NOTE: Implant dimensions and information - page 33.

Implants supplied without fixture mount:

ITEM CODE	IMPLANT LENGTHS (in mm)
ITC3	06 / 08 / 10 / 12 / 14
ITC4	06 / 08 / 10 / 12 / 14
ITT4	08 / 10 / 12 / 14
ITT5	08 / 10 / 12 / 14

Implants pre-mounted with fixture mount (indicated with "F" in item code):  
Packaged with TT1 Healing Abutment.

ITEM CODE	IMPLANT LENGTHS (in mm)
ITC3	06F / 08F / 10F / 12F / 14F
ITC4	06F / 08F / 10F / 12F / 14F
ITT4	08F / 10F / 12F / 14F
ITC5	06F / 08F / 10F / 12F / 14F
ITT5	08F / 10F / 12F / 14F



## Surgical Components

Cover Screw

Healing Abutments

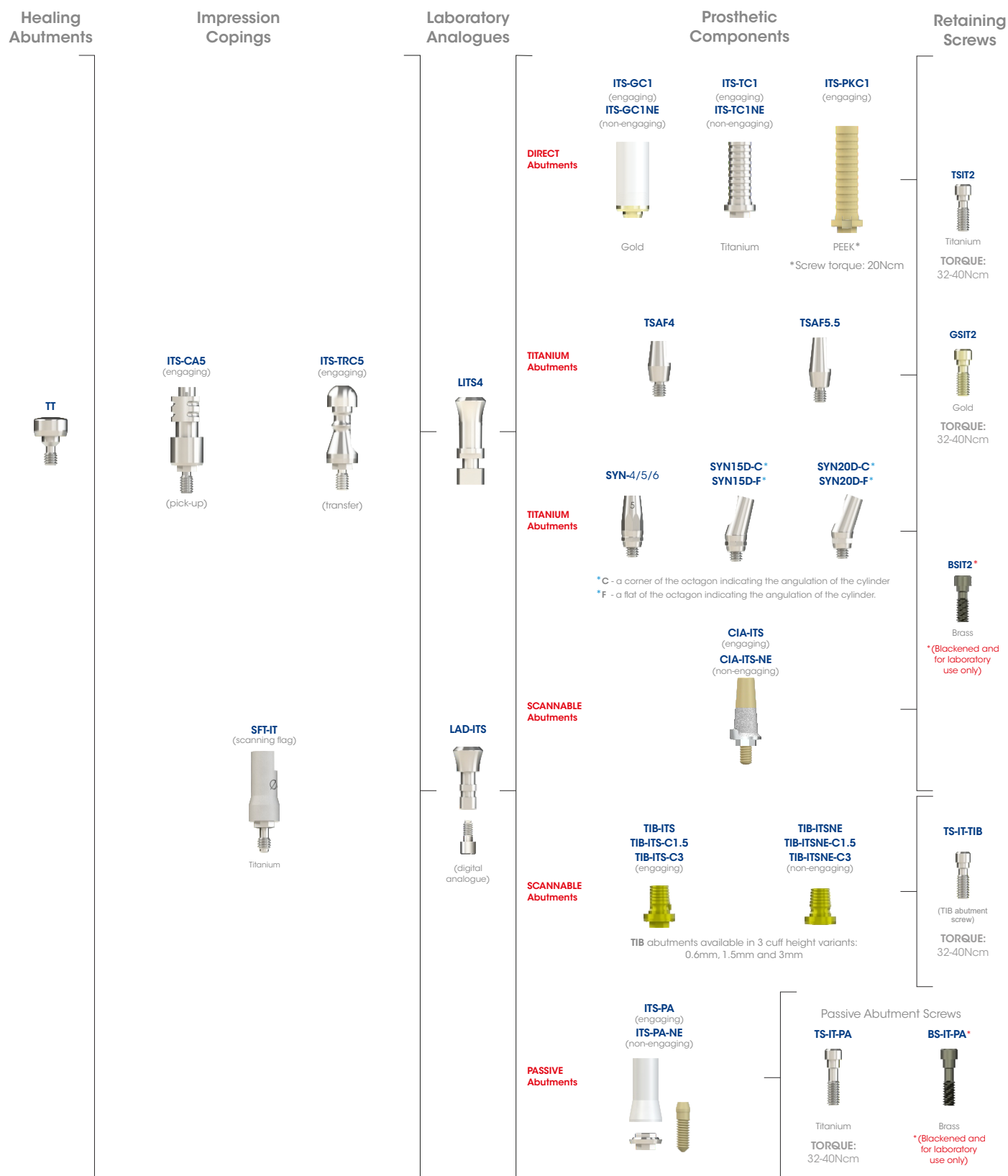
TT0



TT



1 / 2 / 3 / 5 / 6 / 8 / 10 / 12  
lengths


**NOTE:**

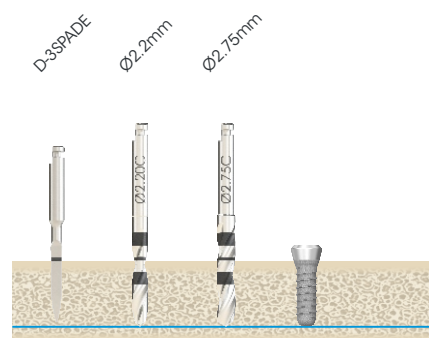
- Tighten passive abutment luting screw and digital lab analogue screw with 1.22/1.27 Universal driver.
- Refer to CAT-1189 for Equator Overdenture Abutments.

# Site Preparation Sequence

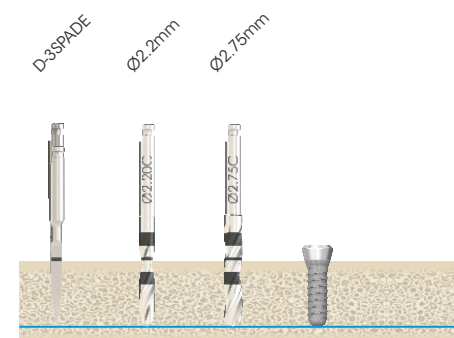
## Ø3.3mm Parallel Walled (ITC3)

(illustration is for 10mm implants)

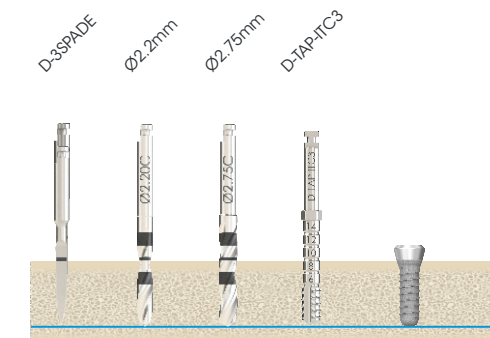
### Soft Bone



### Medium Bone



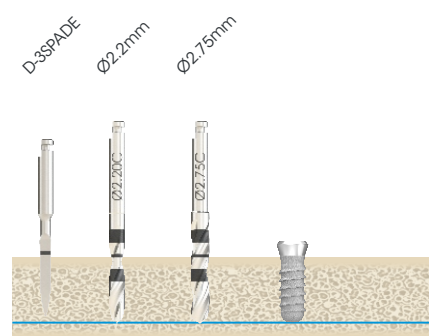
### Dense Bone



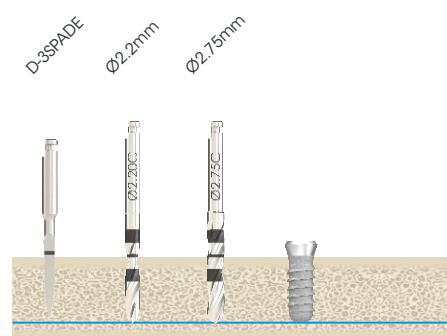
## Ø4.1mm Parallel Walled (ITC4)

(illustrations are for 10mm implants)

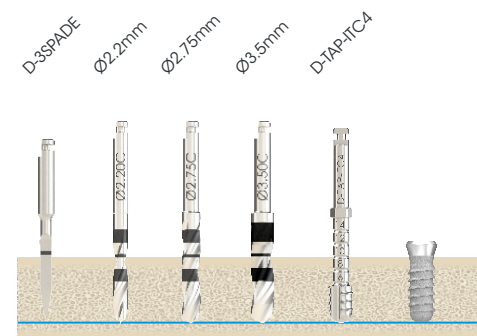
### Soft Bone



### Medium Bone

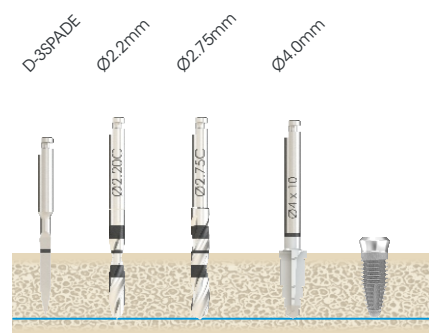


### Dense Bone

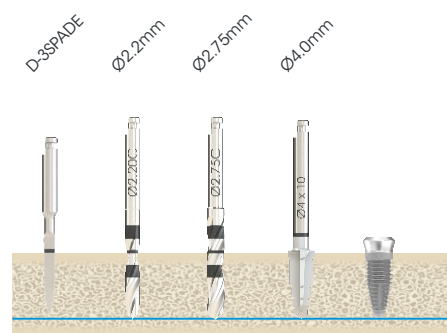


## Ø4.1mm Tapered (ITT4)

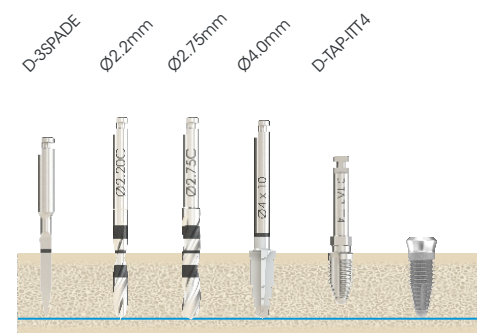
### Soft Bone



### Medium Bone



### Dense Bone

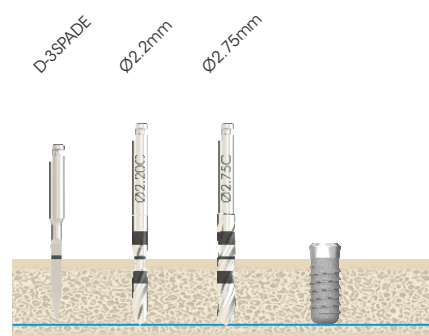


## Site Preparation Sequence

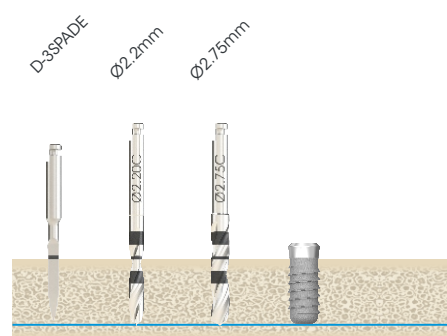
### Ø4.9mm Parallel Walled (ITC5)

(illustrations are for 10mm implants)

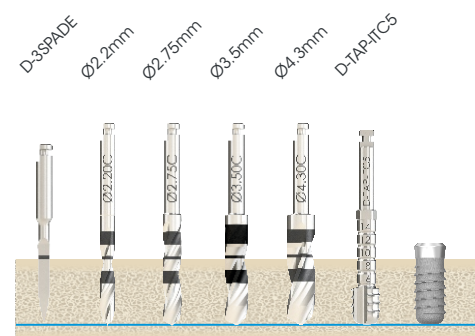
#### Soft Bone



#### Medium Bone

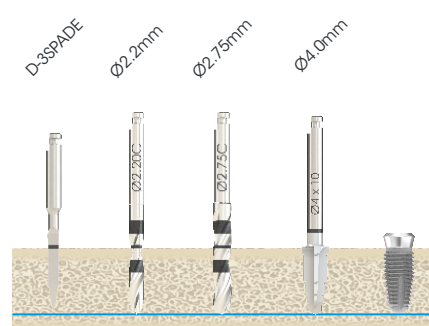


#### Dense Bone

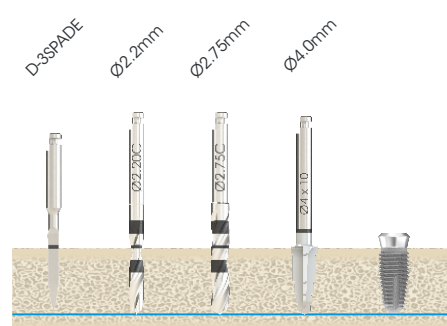


### Ø5.0mm Tapered (ITT5)

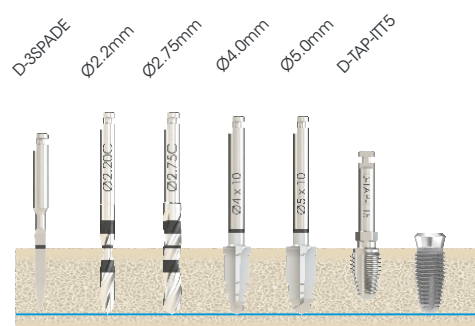
#### Soft Bone



#### Medium Bone



#### Dense Bone



**NOTE:** • Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.  
• Refer to page 34 for Insertion Tool Protocols.



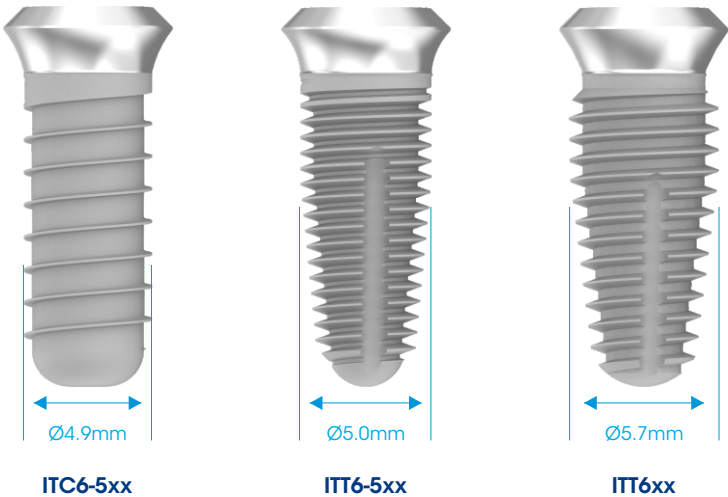
## INTERNAL OCTAGON

Wide interface

**Ø5.0mm**

**Ø6.0mm**

 Restore with Ø6.5mm  
WIDE Interface Components



(where xx is implant length)

**Implants are available in lengths of:**

**NOTE:** Implant dimensions and information - page 33.

Implants supplied without fixture mount:

ITEM CODE	IMPLANT LENGTHS (in mm)
ITT6-5	08 / 10 / 12

Implants pre-mounted with fixture mount (indicated with "F" in item code):  
Packaged with TT1 Healing Abutment.

ITEM CODE	IMPLANT LENGTHS (in mm)
ITC6-5	06F / 08F / 10F / 12F
ITT6-5	08F / 10F / 12F
ITT6	08F / 10F / 12F



**Surgical Components**

**Cover Screw**

**Healing Abutments**

TT6-0



TT6



1 / 2 / 3 / 5 / 6 / 8 / 10 / 12  
lengths



Healing  
AbutmentsImpression  
CopingsITS6-CA5  
(engaging)

(pick-up)

ITS6-TRC5  
(engaging)

(transfer)

SFT-IT6  
(Scanning Flag)

Titanium

Laboratory  
Analogues

LITS6



LAD-IT6

(digital  
analogue)Prosthetic  
ComponentsITS6-GC1  
(engaging)  
ITS6-GC1NE  
(non-engaging)

Gold

ITS6-TC1  
(engaging)  
ITS6-TC1NE  
(non-engaging)

Titanium

ITS6-PKC1  
(engaging)

PEEK\*

\*Screw torque: 20Ncm

TSAF6-4



TSAF6-5.5



SYN6-4/5/6

SYN615D-C\*  
SYN615D-FSYN620D-C\*  
SYN620D-F

\*C - a corner of the octagon indicating the angulation of the cylinder  
 \*F - a flat of the octagon indicating the angulation of the cylinder.

CIA-IT6  
(engaging)  
CIA-IT6-NE  
(non-engaging)SCANNABLE  
AbutmentsSCANNABLE  
AbutmentsPASSIVE  
AbutmentsITS6-PA  
(engaging)  
ITS6-PA-NE  
(non-engaging)

## Passive Abutment Screws

TS-IT-PA

Titanium  
TORQUE:  
32-40NcmRetaining  
Screws

TSIT2

Titanium  
TORQUE:  
32-40Ncm

GSIT2

Gold  
TORQUE:  
32-40Ncm

BSIT2\*

Brass  
\*(Blackened and  
for laboratory  
use only)

TS-IT-TIB

(TIB abutment  
screw)  
TORQUE:  
32-40Ncm

## Passive Abutment Screws

TS-IT-PA

BS-IT-PA\*

Brass  
\*(Blackened and  
for laboratory  
use only)

## NOTE:

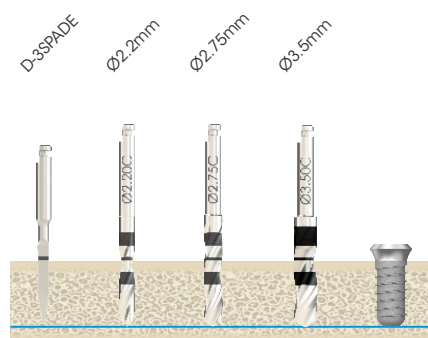
- Tighten passive abutment luting screw and digital lab analogue screw with 1.22/1.27 Universal driver.
- Refer to CAT-1189 for Equator Overdenture Abutments.

## Site Preparation Sequence

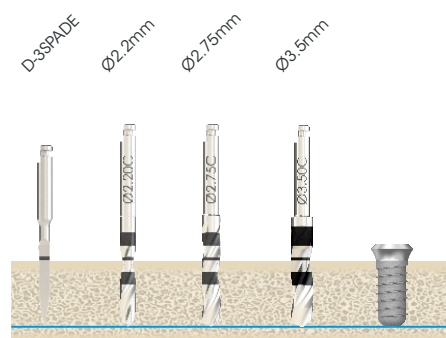
### Ø4.9mm Parallel Walled (ITC6-5)

(illustrations are for 10mm implants)

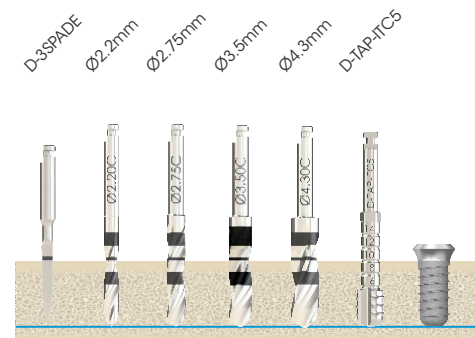
#### Soft Bone



#### Medium Bone

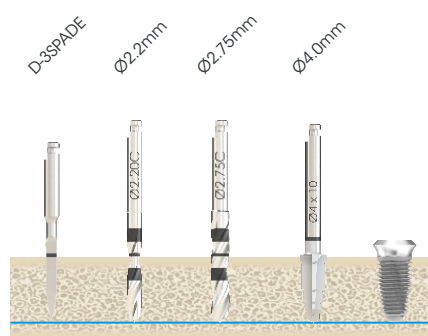


#### Dense Bone

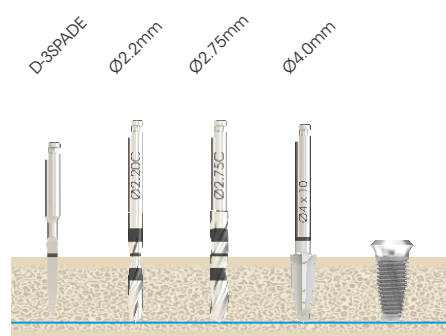


### Ø5.0mm Tapered (IT6-5)

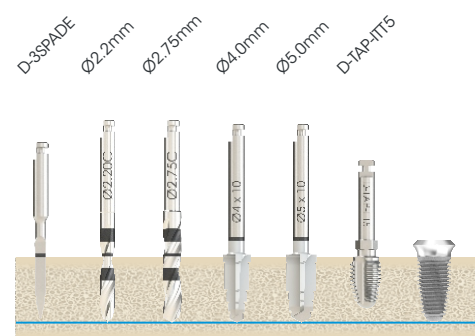
#### Soft Bone



#### Medium Bone

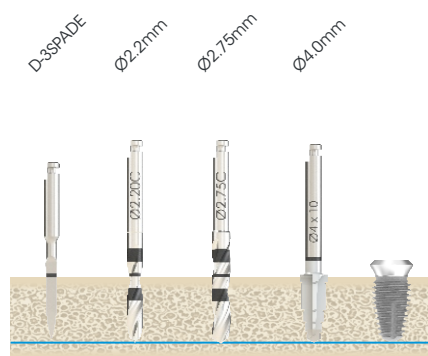


#### Dense Bone

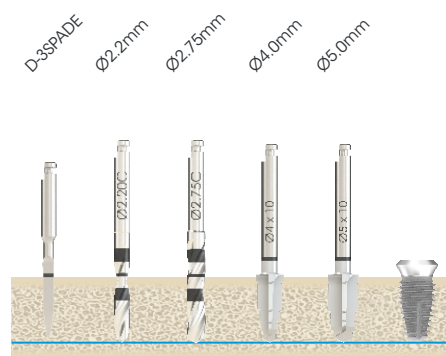


### Ø6.0mm Tapered (IT6)

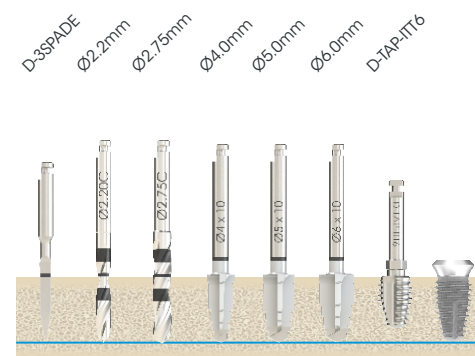
#### Soft Bone



#### Medium Bone



#### Dense Bone



**NOTE:** • Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.  
• Refer to Page 34 for Insertion Tool Protocols.

## INTERNAL OCTAGON

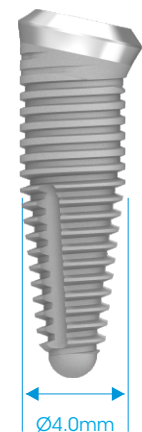
Standard interface

**Co-Axis®**

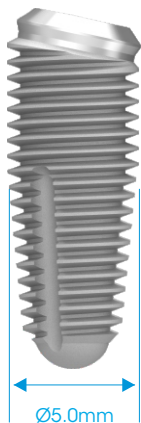
**Ø4.0mm**

**Ø5.0mm**

 Restore with Ø4.8mm  
Standard Interface Components



ITST12d-4xxF



ITST12d-5xxF

(where xx is implant length)

**Implants are pre-mounted and available in lengths of:**

**NOTE:** Implant dimensions and information - page 33.

Implants pre-mounted with fixture mount (indicated with "F" in item code):  
Packaged with TT1 Healing Abutment.

ITEM CODE	IMPLANT LENGTHS (in mm)
ITST12d-4	08F / 10F / 12F / 14F
ITST12d-5	08F / 10F / 12F / 14F



**Surgical Components**

Cover Screw

Healing Abutments

TT0

TT



1 / 2 / 3 / 5 / 6 / 8 / 10 / 12  
lengths

Healing  
AbutmentsImpression  
CopingsITS-CA5  
(engaging)

(pick-up)

ITS-TRC5  
(engaging)

(transfer)

SFT-IT  
(scanning flag)

Titanium

Laboratory  
Analogues

LITS4



LAD-ITS

(digital  
analogue)Prosthetic  
ComponentsITS-GC1  
(engaging)  
ITS-GC1NE  
(non-engaging)

Gold

ITS-TC1  
(engaging)  
ITS-TC1NE  
(non-engaging)

Titanium

ITS-PKC1  
(engaging)

PEEK\*

\*Screw torque: 20Ncm

TSAF4



TSAF5.5



SYN-4/5/6

SYN15D-C\*  
SYN15D-F\*SYN20D-C\*  
SYN20D-F\*

\*C - a corner of the octagon indicating the angulation of the cylinder  
 \*F - a flat of the octagon indicating the angulation of the cylinder.

CIA-ITS  
(engaging)  
CIA-ITS-NE  
(non-engaging)SCANNABLE  
AbutmentsSCANNABLE  
AbutmentsTIB-ITS  
TIB-ITS-C1.5  
TIB-ITS-C3  
(engaging)TIB-ITSNE  
TIB-ITSNE-C1.5  
TIB-ITSNE-C3  
(non-engaging)

TIB abutments available in 3 cuff height variants:  
 0.6mm, 1.5mm and 3mm

ITS-PA  
(engaging)  
ITS-PA-NE  
(non-engaging)PASSIVE  
Abutments

## Passive Abutment Screws

TS-IT-PA



Titanium  
 TORQUE:  
 32-40Ncm

Retaining  
Screws

TSIT2



Titanium  
 TORQUE:  
 32-40Ncm

GSIT2



Gold  
 TORQUE:  
 32-40Ncm

BSIT2\*



Brass  
 \*(Blackened and  
 for laboratory  
 use only)

TS-IT-TIB



(TIB abutment  
 screw)  
 TORQUE:  
 32-40Ncm

BS-IT-PA\*



Brass  
 \*(Blackened and  
 for laboratory  
 use only)

## NOTE:

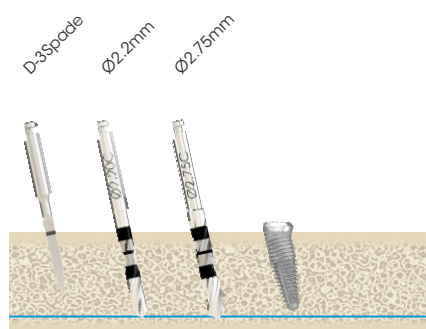
- Tighten passive abutment luting screw and digital lab analogue screw with 1.22/1.27 Universal driver.
- Refer to CAT-1189 for Equator Overdenture Abutments.

## Site Preparation Sequence

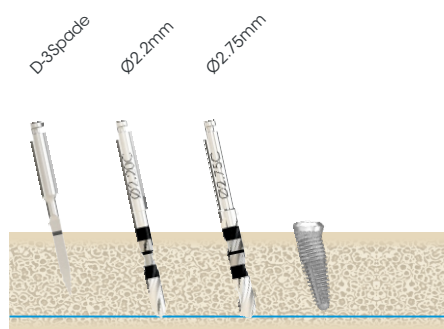
### Ø4.0mm Co-Axis® (ITST12d-4)

(illustrations are for 12mm implants)

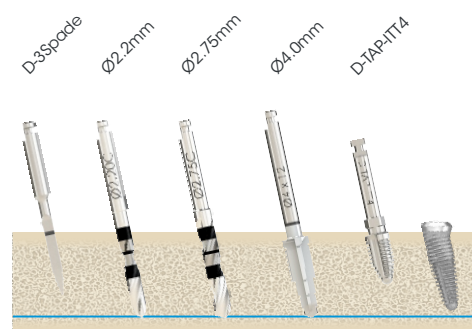
#### Soft Bone



#### Medium Bone

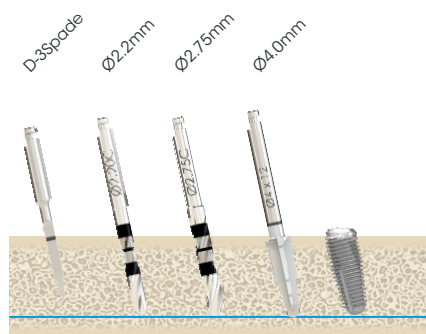


#### Dense Bone

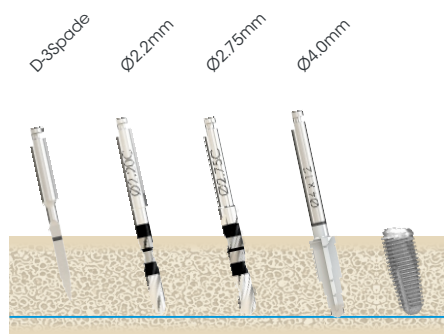


### Ø5.0mm Co-Axis® (ITST12d-5)

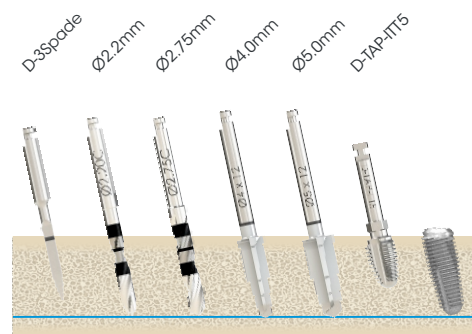
#### Soft Bone



#### Medium Bone



#### Dense Bone



**NOTE:** • Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.  
• Refer to Page 34 for Insertion Tool Protocols.

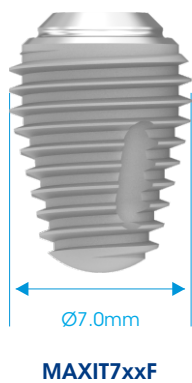
## INTERNAL OCTAGON

Standard interface

**MAXIT7**

**Ø7.0mm**

 Restore with Ø4.8mm  
Standard Interface Components



(where xx is implant length)

Implants are pre-mounted and available in lengths of:

NOTE: Implant dimensions and information - page 33.

Implants pre-mounted with fixture mount (indicated with "F" in item code):  
Packaged with TT1 Healing Abutment.

ITEM CODE	IMPLANT LENGTHS (in mm)
MAXIT7-	7F / 9F / 11F



### Surgical Components

Cover Screw	Healing Abutments
TT0	TT
	
1 / 2 / 3 / 5 / 6 / 8 / 10 / 12 lengths	



Healing  
AbutmentsImpression  
CopingsITS-CA5  
(engaging)

(pick-up)

ITS-TRC5  
(engaging)

(transfer)

SFT-IT  
(scanning flag)

Titanium

Laboratory  
Analogues

LITS4



LAD-ITS

(digital  
analogue)Prosthetic  
ComponentsITS-GC1  
(engaging)  
ITS-GC1NE  
(non-engaging)

Gold

ITS-TC1  
(engaging)  
ITS-TC1NE  
(non-engaging)

Titanium

ITS-PKC1  
(engaging)

PEEK\*

\*Screw torque: 20Ncm

TSAF4



TSAF5.5



SYN-4/5/6

SYN15D-C\*  
SYN15D-F\*SYN20D-C\*  
SYN20D-F\*

\*C - a corner of the octagon indicating the angulation of the cylinder  
 \*F - a flat of the octagon indicating the angulation of the cylinder.

CIA-ITS  
(engaging)  
CIA-ITS-NE  
(non-engaging)SCANNABLE  
AbutmentsSCANNABLE  
AbutmentsTIB-ITS  
TIB-ITS-C1.5  
TIB-ITS-C3  
(engaging)TIB-ITSNE  
TIB-ITSNE-C1.5  
TIB-ITSNE-C3  
(non-engaging)

TIB abutments available in 3 cuff height variants:  
 0.6mm, 1.5mm and 3mm

ITS-PA  
(engaging)  
ITS-PA-NE  
(non-engaging)PASSIVE  
Abutments

## Passive Abutment Screws

TS-IT-PA



Titanium  
 TORQUE:  
 32-40Ncm

BS-IT-PA\*



Brass  
 \*(Blackened and  
 for laboratory  
 use only)

Retaining  
Screws

TSIT2



Titanium  
 TORQUE:  
 32-40Ncm

GSIT2



Gold  
 TORQUE:  
 32-40Ncm

BSIT2\*



Brass  
 \*(Blackened and  
 for laboratory  
 use only)

TS-IT-TIB



(TIB abutment  
 screw)  
 TORQUE:  
 32-40Ncm

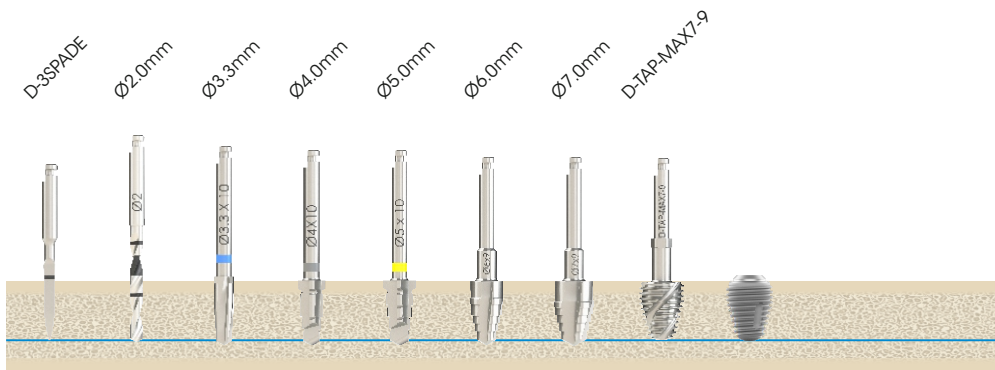
## NOTE:

- Tighten passive abutment luting screw and digital lab analogue screw with 1.22/1.27 Universal driver.
- Refer to CAT-1189 for Equator Overdenture Abutments.

## Site Preparation Sequence

### Ø7.0mm Tapered (MAXIT7)

(Illustration is for 9mm implant)



**NOTE:** • Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.  
• Refer to Page 34 for Insertion Tool Protocols.

## INTERNAL OCTAGON

Wide interface

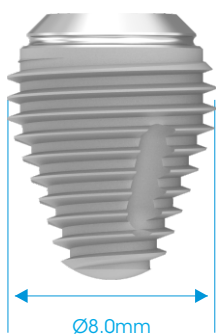
**MAXIT8**

**Ø8.0mm**

**MAXIT9**

**Ø9.0mm**

 Restore with Ø6.5mm  
WIDE Interface Components



MAXIT8xxF



MAXIT9xxF

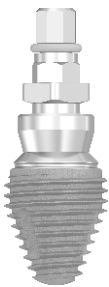
(where **xx** is implant length)

**Implants are pre-mounted and available in lengths of:**

**NOTE:** Implant dimensions and information - page 33.

Implants pre-mounted with fixture mount (indicated with "F" in item code):  
Packaged with TT1 Healing Abutment.

ITEM CODE	IMPLANT LENGTHS (in mm)
MAXIT8-	7F / 9F / 11F
MAXIT9-	7F / 9F / 11F



**Surgical Components**

Cover Screw	Healing Abutments
TT6-0	TT6
	
1 / 2 / 3 / 5 / 6 / 8 / 10 / 12 lengths	

Healing  
AbutmentsImpression  
CopingsITS6-CA5  
(engaging)

(pick-up)

ITS6-TRC5  
(engaging)

(transfer)

SFT-IT6  
(Scanning Flag)

Titanium

Laboratory  
Analogues

LITS6



LAD-IT6

(digital  
analogue)Prosthetic  
ComponentsITS6-GC1  
(engaging)  
ITS6-GC1NE  
(non-engaging)

Gold

ITS6-TC1  
(engaging)  
ITS6-TC1NE  
(non-engaging)

Titanium

ITS6-PKC1  
(engaging)

PEEK\*

\*Screw torque: 20Ncm

TSAF6-4



TSAF6-5.5



SYN6-4/5/6

SYN615D-C\*  
SYN615D-FSYN620D-C\*  
SYN620D-F

\*C - a corner of the octagon indicating the angulation of the cylinder  
 \*F - a flat of the octagon indicating the angulation of the cylinder.

CIA-IT6  
(engaging)  
CIA-IT6-NE  
(non-engaging)SCANNABLE  
AbutmentsSCANNABLE  
AbutmentsPASSIVE  
AbutmentsITS6-PA  
(engaging)  
ITS6-PA-NE  
(non-engaging)

## Passive Abutment Screws

TS-IT-PA

Titanium  
TORQUE:  
32-40NcmRetaining  
Screws

TSIT2

Titanium  
TORQUE:  
32-40Ncm

GSIT2

Gold  
TORQUE:  
32-40Ncm

BSIT2\*

Brass  
\*(Blackened and  
for laboratory  
use only)

TS-IT-TIB

(TIB abutment  
screw)  
TORQUE:  
32-40Ncm

## Passive Abutment Screws

TS-IT-PA

Titanium  
TORQUE:  
32-40Ncm

BS-IT-PA\*

Brass  
\*(Blackened and  
for laboratory  
use only)

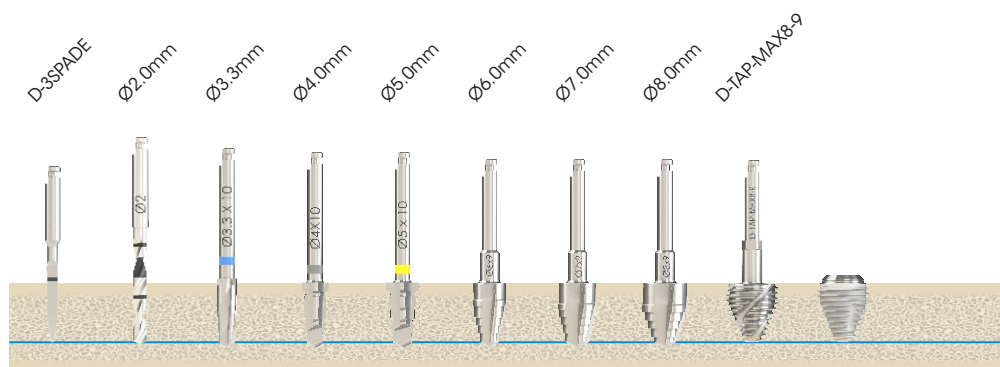
## NOTE:

- Tighten passive abutment luting screw and digital lab analogue screw with 1.22/1.27 Universal driver.
- Refer to CAT-1189 for Equator Overdenture Abutments.

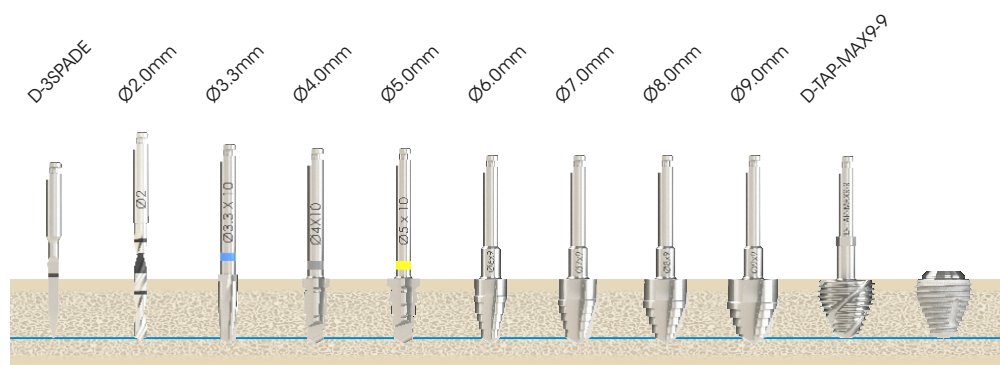
## Site Preparation Sequence

### Ø8.0mm Tapered (MAXIT8)

(Illustrations are for 9mm implants)



### Ø9.0mm Tapered (MAXIT9)



**NOTE:** • Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.  
• Refer to Page 34 for Insertion Tool Protocols.

## TORQUE TABLE FOR SOUTHERN SCREWS

### Torx Prosthetic screws

M2



TSIT2



GSIT2



BSIT2\*  
Brass

TORQUE:  
32-40Ncm  
Head Diameter:  
2.70mm

Screw TORQUE with  
PEEK Prosthetics:  
20Ncm

### Torx Passive Abutment screws

M2



TS-IT-PA



BS-IT-PA\*  
Brass

TORQUE:  
32-40Ncm  
Head Diameter:  
2.70mm

Screw TORQUE with  
PEEK Prosthetics:  
20Ncm

### TIB Abutment screw

M2

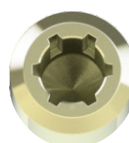


TS-IT-TIB

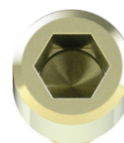
TORQUE:  
32-40Ncm  
Head Diameter:  
2.40mm

### Screw Head Connection

Torx



Hex



#### NOTE:

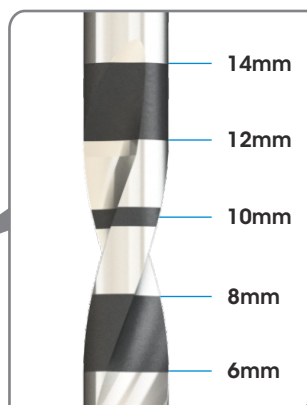
- Due to design revisions screw tips may be flat or rounded.
- Always ensure that the correct screw is used for the relevant implant and component.
- \* Blackened and for laboratory use only.

## DRILL INFORMATION

### Twist Drill Markings



D-220C

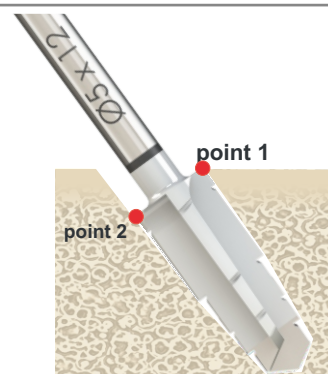


### Final tapered drill position for Co-Axis® implants

#### PLEASE NOTE:

**Point 1**  
This corner of the drill is to be at bone level.

**Point 2**  
This corner of the drill will be subcrestal.



## TRY-IN ABUTMENTS

### Octagon Try-In Kit

#### Ø4.8 Interface



TRY-SYN15D-C  
TRY-SYN15D-F



TRY-SYN20D-C  
TRY-SYN20D-F

#### Ø6.0 Interface



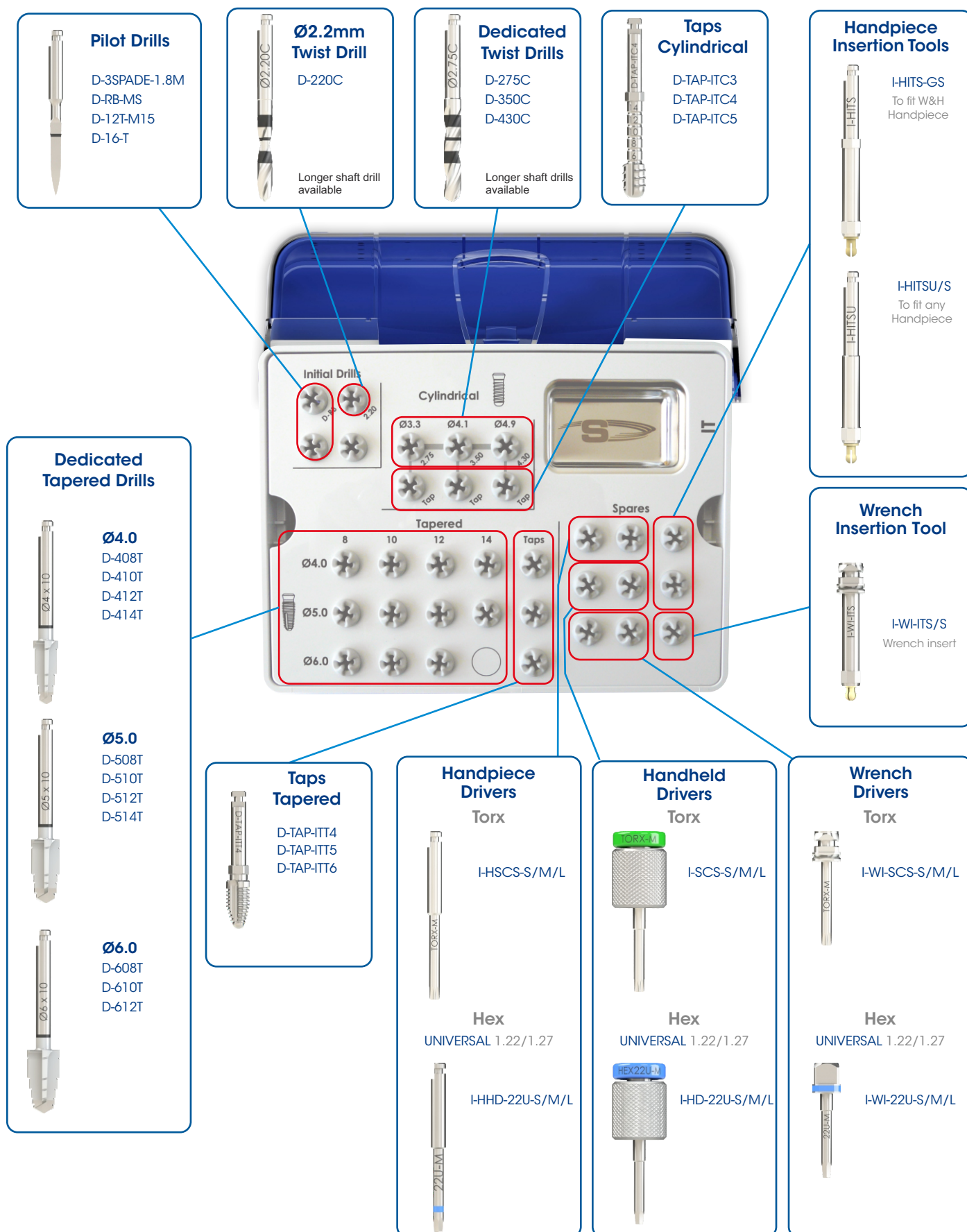
TRY-SYN615D-C  
TRY-SYN615D-F



TRY-SYN620D-C  
TRY-SYN620D-F

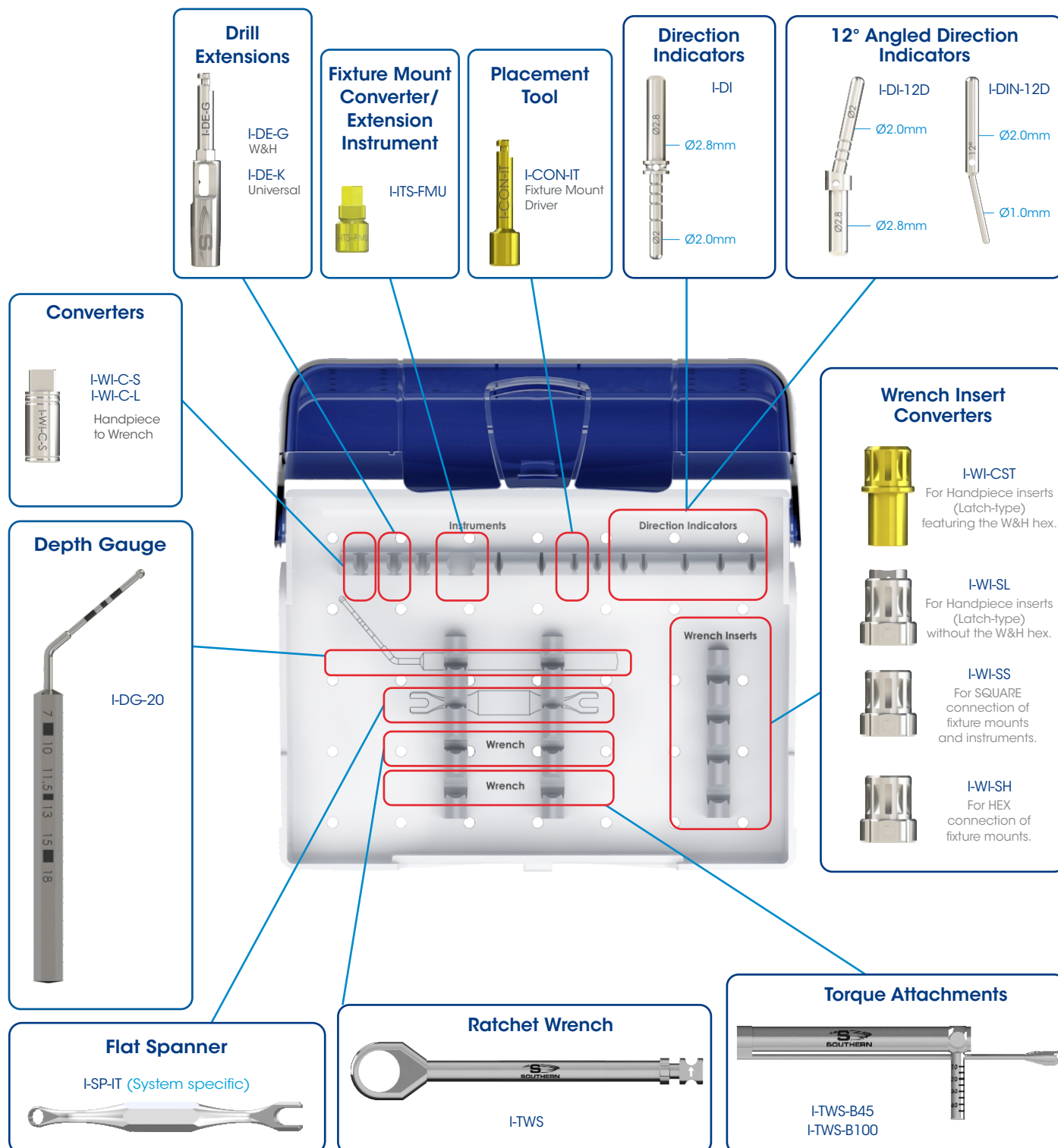
**C** - a corner of the octagon indicating the angulation of the cylinder.  
**F** - a flat of the octagon indicating the angulation of the cylinder.

TOP TRAY





## BOTTOM TRAY



### NOTE:

- The surgical kit has an intuitive layout to guide the surgeon through the drill sequence.
- Most Instruments 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.

## TOP TRAY

**Pilot Drills**  
D-3Spade-1.8M  
D-RB-MS  
D-12T-M15  
D-16-T

**Ø2.0mm Twist Drills**  
D-20T-M10  
D-20T-M15

**Dedicated Tapered Drills**  
EXTERNAL HEX  
INTERMEDIATE DRILLS  
(MAXIT implants)

**Ø3.3**  
D-33TP-8.5  
D-33TP-10  
D-33TP-11.5

**Ø4.0**  
D-40TP-6  
D-40TP-8.5  
D-40TP-10  
D-40TP-11.5

**Ø5.0**  
D-50TP-6  
D-50TP-8.5  
D-50TP-10  
D-50TP-11.5

**Primary Drills**  
Ø2.0

**Spares**

**Gauges**  
Ø7  
Ø8  
Ø9

**Intermediate drills**  
Ø3.3  
Ø4  
Ø5  
Ø6

**MAX drills**  
Ø6  
Ø7  
Ø8  
Ø9

**Taps**  
Ø6  
Ø7  
Ø8  
Ø9

**Dedicated MAX Taps**

**Ø6.0**  
D-TAP-MAX6-7  
D-TAP-MAX6-9  
D-TAP-MAX6-11

**Ø7.0**  
D-TAP-MAX7-7  
D-TAP-MAX7-9  
D-TAP-MAX7-11

**Ø8.0**  
D-TAP-MAX8-7  
D-TAP-MAX8-9  
D-TAP-MAX8-11

**Ø9.0**  
D-TAP-MAX9-7  
D-TAP-MAX9-9  
D-TAP-MAX9-11

**Dedicated MAX Drills**

**Ø6.0**  
D-MAX6-7  
D-MAX6-9  
D-MAX6-11

**Ø7.0**  
D-70TP-7  
D-70TP-9  
D-70TP-11

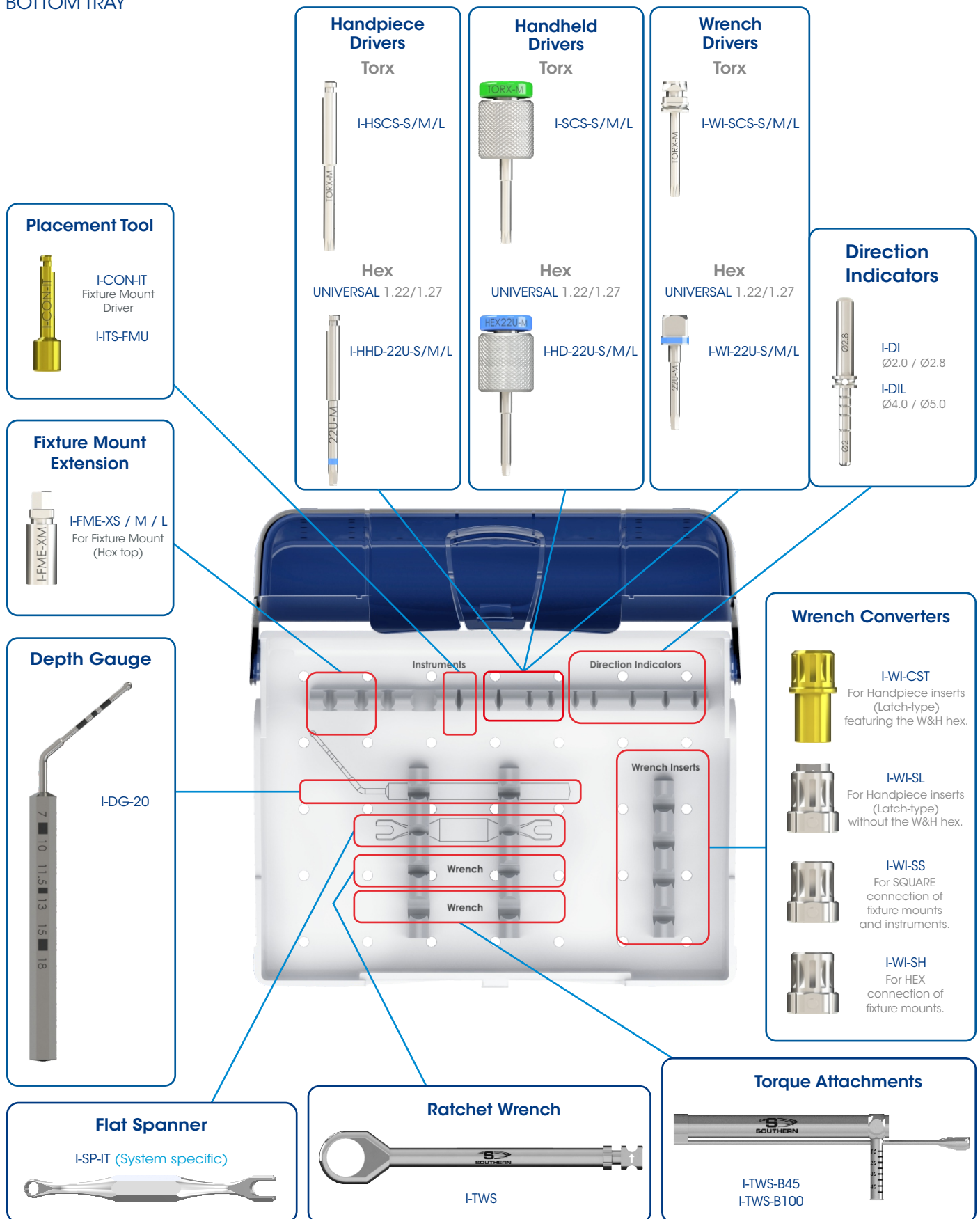
**Ø8.0**  
D-80TP-7  
D-80TP-9  
D-80TP-11

**Ø9.0**  
D-90TP-7  
D-90TP-9  
D-90TP-11

\* Longer shaft length available for Ø7mm, Ø8mm and Ø9mm drills

Implant measure

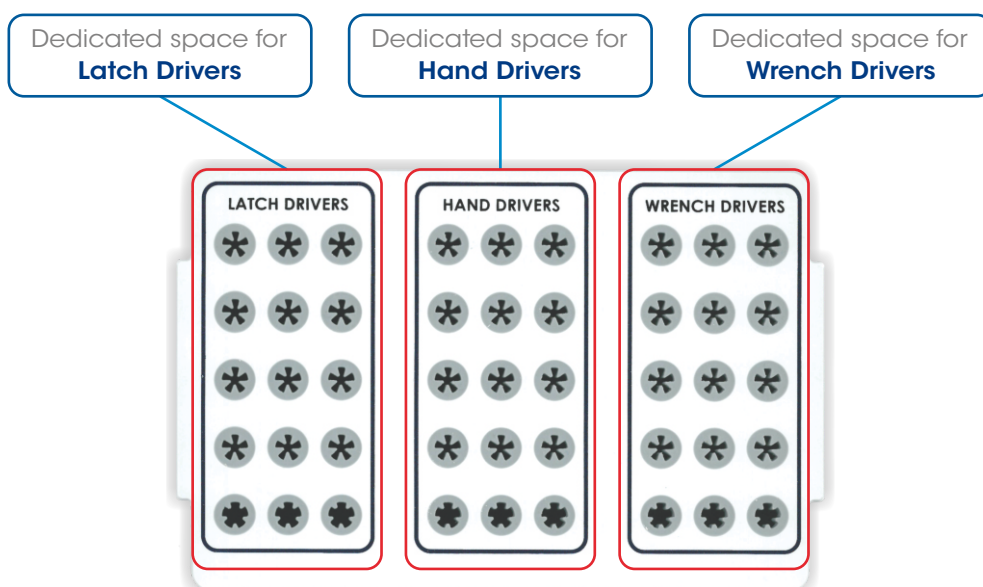
## BOTTOM TRAY



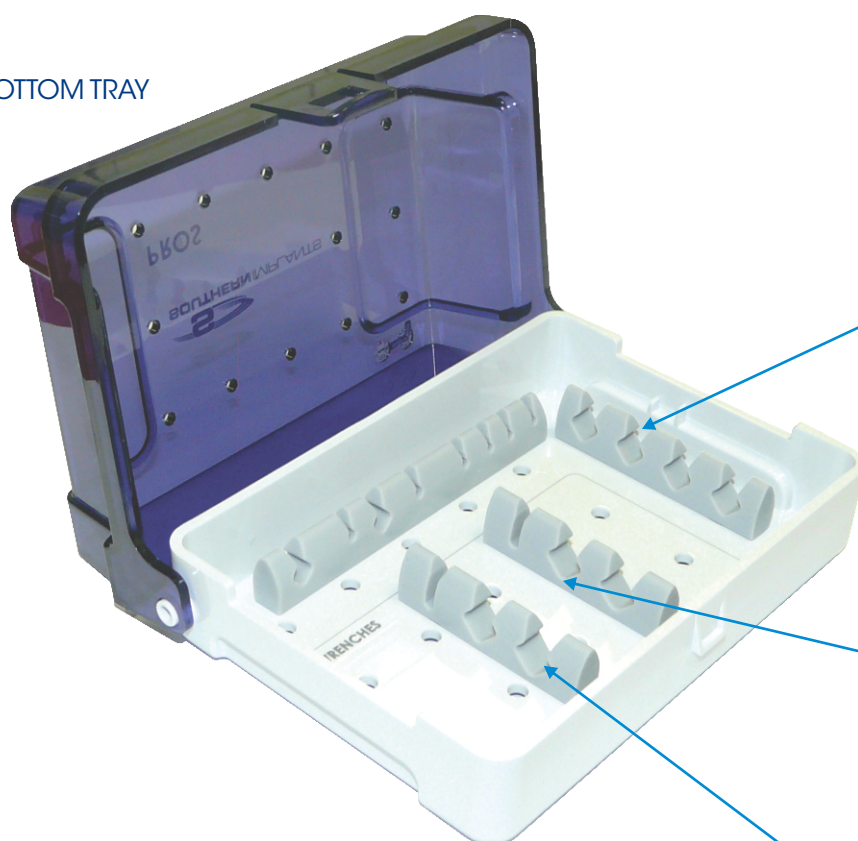
### NOTE:

- The surgical kit has an intuitive layout to guide the surgeon through the drill sequence.
- Most Instruments 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.

## TOP TRAY



## BOTTOM TRAY



## Wrench Insert Converters



**I-WI-CST**  
For Handpiece inserts  
(Latch-type)  
featuring the W&H hex.



**I-WI-SL**  
For Handpiece inserts  
(Latch-type)  
without the W&H hex.

## Torque Attachments



I-TWS-B45  
I-TWS-B100

## Ratchet Wrench



I-TWS

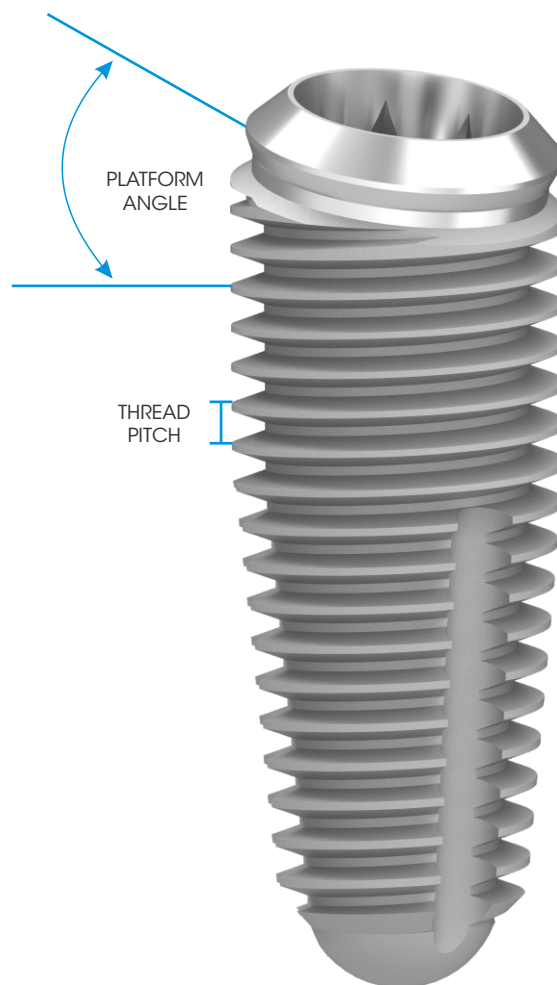
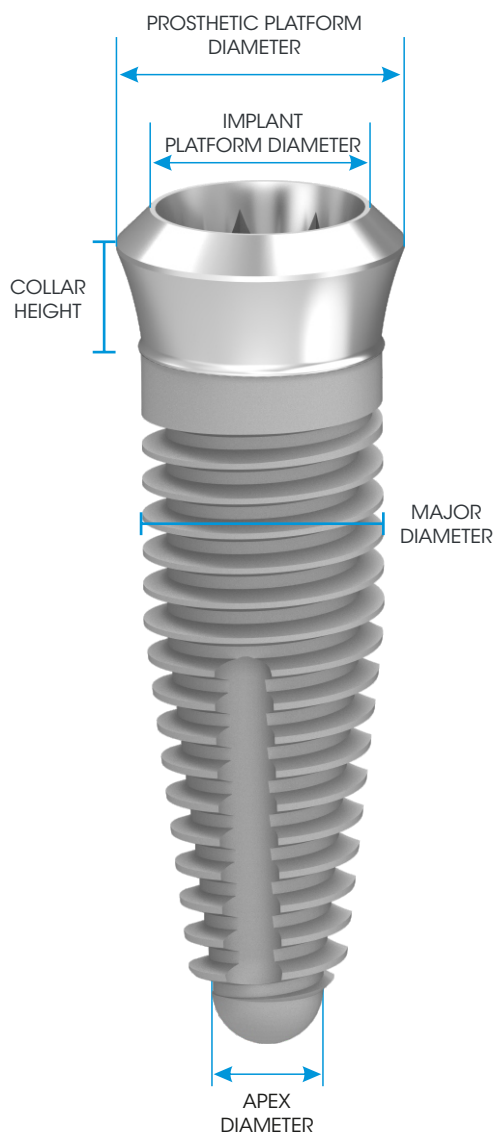
## NOTE:

- 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 available in various lengths.

## IMPLANT DIMENSIONS AND INFORMATION

RANGE		MAJOR DIAMETER	IMPLANT PLATFORM DIAMETER	PROSTHETIC DIAMETER	OCT WIDTH (across flats)	COLLAR HEIGHT	THREAD PITCH	APEX DIAMETER	CYLINDRICAL OR TAPERED	PLATFORM ANGLE	IMPLANT LENGTHS				
											6	8	10	12	14
ITC3 (F)	Ø3.3mm	3.3	3.67	4.8	3.11	2.36	1.0	2.75	C		✓	✓	✓	✓	✓
ITC4 (F)	Ø4.1mm	4.1	3.67	4.8	3.11	2.36	1.25	3.5	C		✓	✓	✓	✓	✓
ITT4 (F)	Ø4.0mm	4.0	3.67	4.8	3.11	2.36	0.6	1.85	T			✓	✓	✓	✓
ITC5F	Ø4.9mm	4.9	3.67	4.8	3.11	2.36	1.25	4.3	C		✓	✓	✓	✓	✓
ITT5(F)	Ø5.0mm	5.0	3.67	4.8	3.11	2.36	0.6	3.0	T			✓	✓	✓	✓
ITC6-5F	Ø4.9mm	4.9	5.0	6.5	3.11	2.55	1.25	4.3	C		✓	✓	✓	✓	
ITT6-5 (F)	Ø5.0mm	5.0	5.0	6.5	3.11	2.55	0.6	3.0	T			✓	✓	✓	
ITT6F	Ø6.0mm	5.7	5.0	6.5	3.11	2.55	0.8	4.5	T			✓	✓	✓	
ITST12D-4F	Ø4.0mm	4.0	3.67	4.8	3.11	1.365	0.6	1.85	T	12°		✓	✓	✓	✓
ITST12D-5F	Ø5.0mm	5.0	3.67	4.8	3.11	1.0	0.6	2.8	T	12°		✓	✓	✓	✓
											7	9	11		
MAXIT7F	Ø7.0mm	7.0	3.67	4.8	3.11	1.25	0.8	4.44	T		✓	✓	✓		
MAXIT8F	Ø8.0mm	8.0	5.0	6.5	3.11	1.28	0.8	3.94	T		✓	✓	✓		
MAXIT9F	Ø9.0mm	9.0	5.0	6.5	3.11	1.43	0.8	4.94	T		✓	✓	✓		

All dimensions in this catalogue are in mm, unless otherwise specified.



Not all products are cleared for sale in all countries.



## Implant placement with Placement Tools

### Pick-up and Placement Procedure

The tool I-HITS is used to pick-up the implant from the packaging.

The octagons on the I-HITS and those of the implant might not line-up and this may result in them not engaging. The placement tool will, however pick-up the implant (Fig. 1).

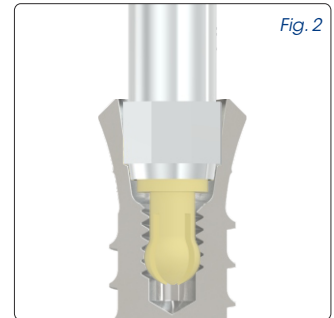
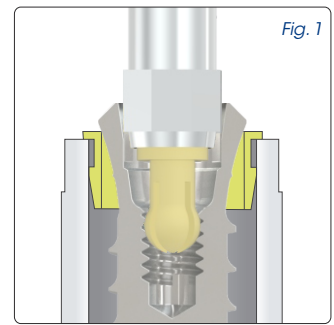
The implant is placed in the prepared site and inserted at 10 to 15 RPM, while applying downwards pressure.

Octagons should engage when implant starts to turn into bone, if not engaged at pick-up. Before maximum torque can be applied, the octagon on the placement tool should be fully engaged and flush with the implant (Fig. 2).

If they do not engage:

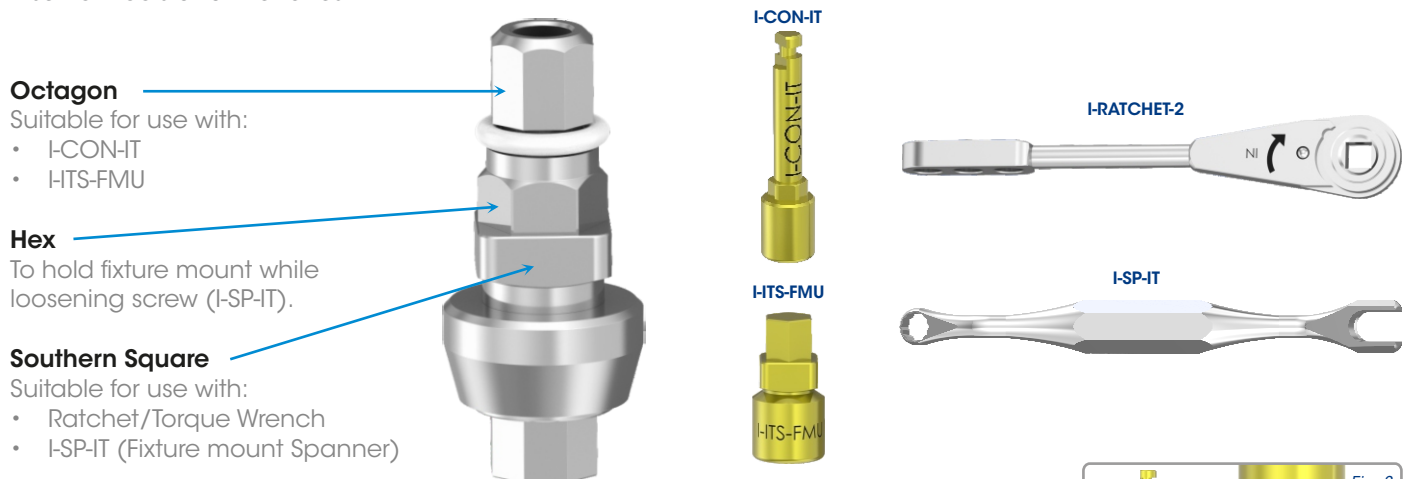
- Change the direction of the rotation.
- Rotate the implant very slightly (half a turn).
- Change the direction again. Only when fully engaged, start screwing the implant into bone.

**NOTE:** The PEEK bits (I-PBIT-2) should be replaced on a regular basis (items sold separately). General wear & tear are to be expected with regular use.



### Implant placement for Implants with Fixture Mounts

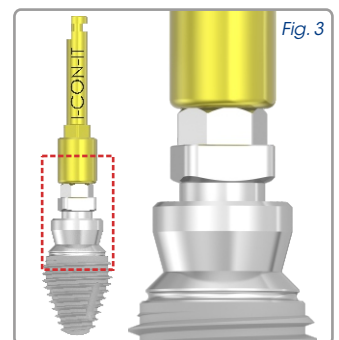
These implants are packaged with a propriety design fixture mount that is compatible with a selection of surgical insertion tools and wrenches.



### Placement with Southern Handpiece Driver (I-CON-IT)

The I-CON-IT is used to pick up the implants from the product packaging (Fig. 3).

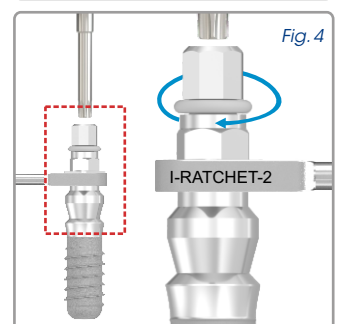
Use the I-CON-IT to drive the implant into the prepared site. Apply downward pressure, using an implant motor and handpiece, with a speed of 10-15 RPM.



### Placement with Southern Wrench
















After completing the insertion of the fixture into the prepared site using the motor unit, a cylinder wrench (I-RATCHET-2) can be used to complete the placement manually (Fig. 4).

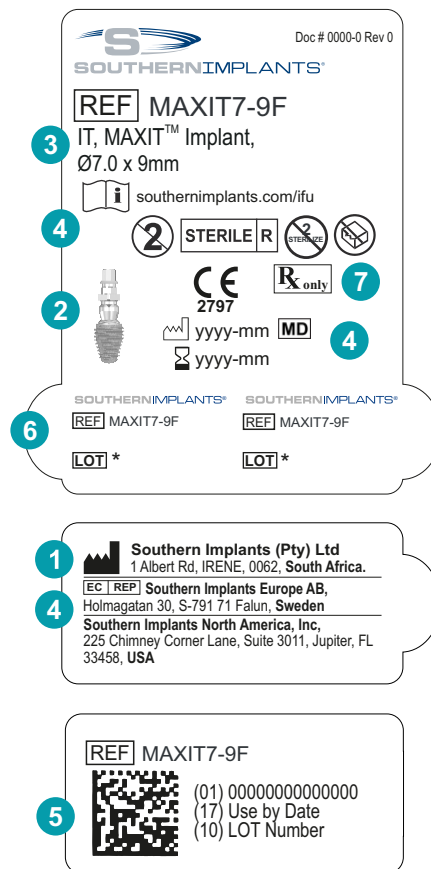
After placement is complete, loosen the fixture mount screw with an I-SCS-S/M/L torx driver and remove the fixture mount.



## EXPLANATION OF SYMBOLS

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

- 1  Manufacturer
- 2  Implant image
- 3  Implant details and size
- 4  Sterilization using Irradiation
-  European Representative
-  Catalogue number
-  Batch Code
-  Do not Resterilize
-  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
- 5 2D Bar coding  
Contains the GTIN, Use by Date and LOT Number
- 6 Patient sticker for documentation purposes  
(to be used by health care provider on patient file)
- 7  Prescription 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](https://southernimplants.com/ifu)

For more information, please contact your  
Southern Implants Representative or visit [southernimplants.com](http://southernimplants.com)



**South Africa - Headquarters** 1 Albert Road, Irene, RSA  
**T:** +27-12-667-1046 | **E:** [info@southernimplants.com](mailto:info@southernimplants.com)

**EC REP**

**Southern Implants Europe AB** Holmgatan 30, S-791 71, Falun, Sweden  
**E:** [ecrep@southernimplants.com](mailto:ecrep@southernimplants.com)

#### Subsidiaries

**Australia**

Southern Implants Australia

**T:** +61-2-8076-9337

**E:** [info@southernimplants.com.au](mailto:info@southernimplants.com.au)

**Spain and Portugal**

Southern Implants Ibérica

**T:** +34 935 053 507

**E:** [info@southernimplants.es](mailto:info@southernimplants.es)

**United Kingdom and Ireland**

Southern Implants UK

**T:** +44-20-8899-6845 / 6 / 7

**E:** [info@southernimplants.co.uk](mailto:info@southernimplants.co.uk)

**USA and Canada**

Southern Implants North America Inc.

**T:** +1-561-472-099

**E:** [customercare@southernimplants.com](mailto:customercare@southernimplants.com)

**Southern Implants are distributed world-wide, please visit [southernimplants.com](http://southernimplants.com) for a list of Distributors.**