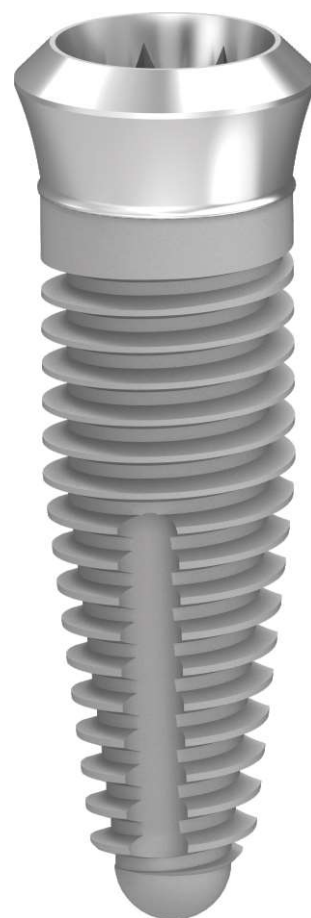




SOUTHERNIMPLANTS®

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

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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.

INTERNAL OCTAGON

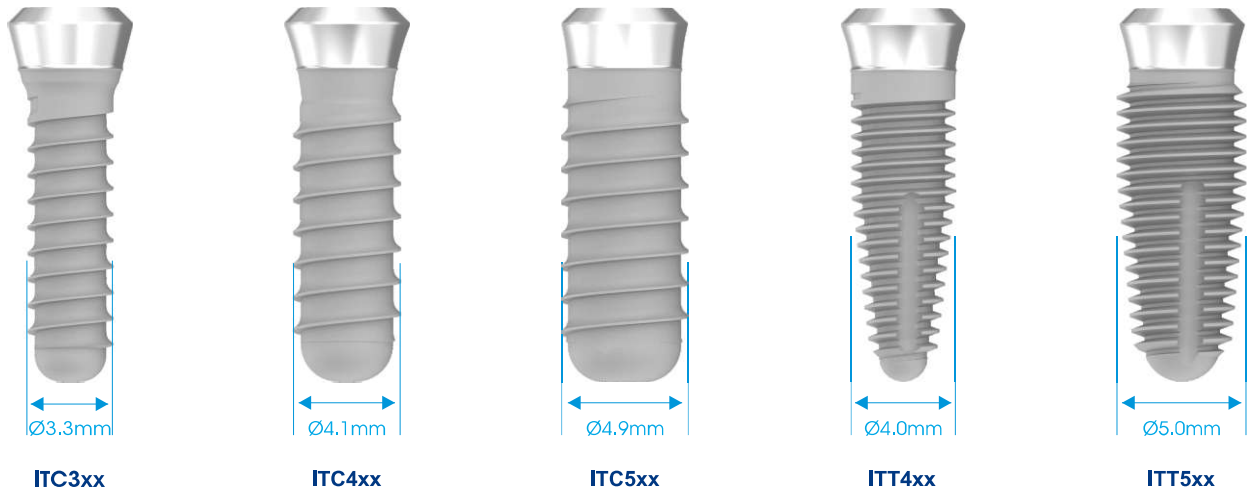
Standard interface

Ø3.3mm

Ø4.0mm

Ø5.0mm

 Restore with Ø4.8mm Standard 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:

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

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

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

Healing Abutments



Impression Copings



Laboratory Analogues



Prosthetic Components



DIRECT Abutments

Gold

Titanium

PEEK*
*Screw torque: 20Ncm

Retaining Screws



Titanium
TORQUE:
32-40Ncm

TITANIUM Abutments



Gold
TORQUE:
32-40Ncm

TITANIUM Abutments



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



* (Blockened and for laboratory use only)

SCANNABLE Abutments



(TIB abutment screw)
TORQUE:
32-40Ncm

SCANNABLE Abutments



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

PASSIVE Abutments



Passive Abutment Screws



Titanium
TORQUE:
32-40Ncm

Brass
* (Blockened and for laboratory use only)

NOTE:

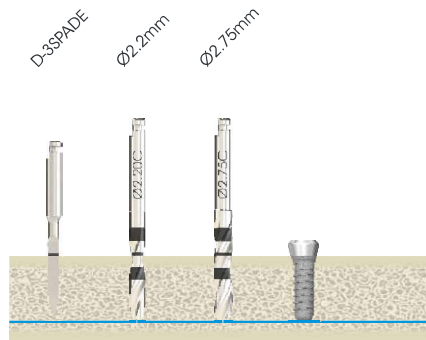
- Tighten passive abutment luting screw and digital lab analogue screw with 1.22/1.27 Universal driver.
- Refer to CAT-1189 for Equator Overdenture Abutments.

Site Preparation Sequence

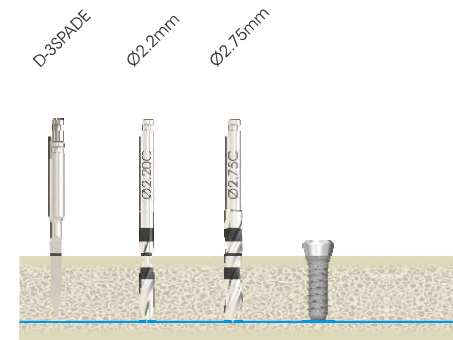
Ø3.3mm Parallel Walled (ITC3)

(illustration is for 10mm implants)

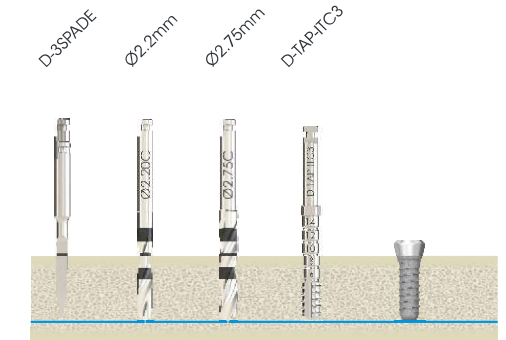
Soft Bone



Medium Bone



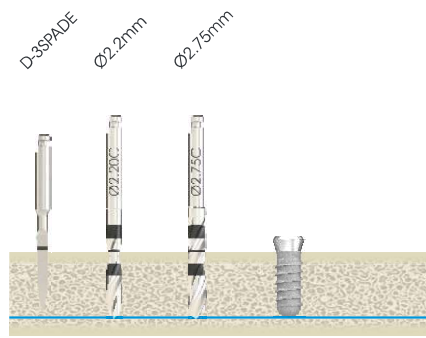
Dense Bone



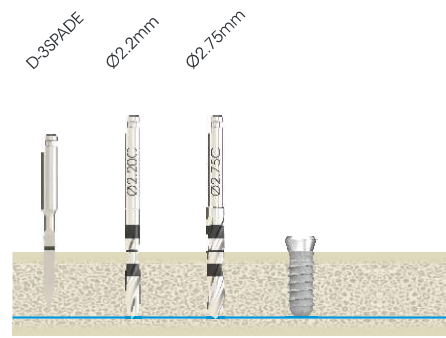
Ø4.1mm Parallel Walled (ITC4)

(illustrations are for 10mm implants)

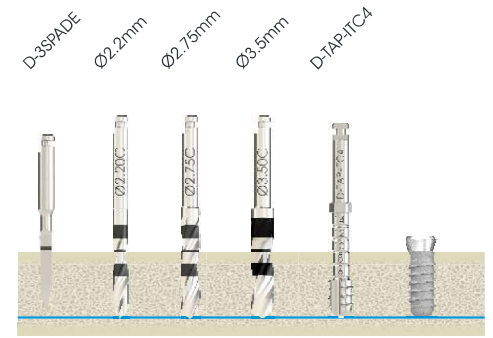
Soft Bone



Medium Bone

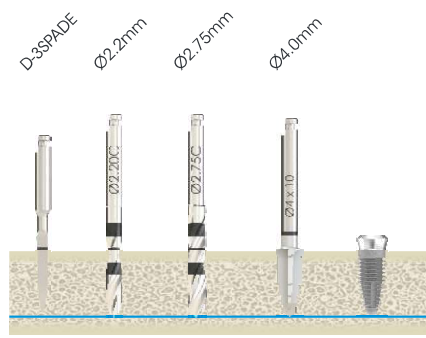


Dense Bone

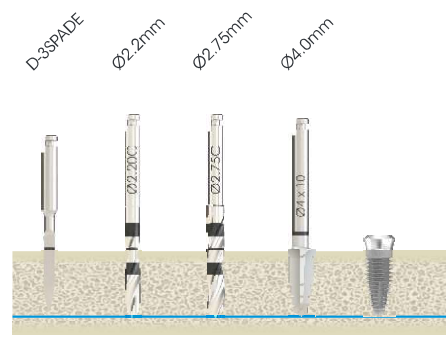


Ø4.1mm Tapered (ITT4)

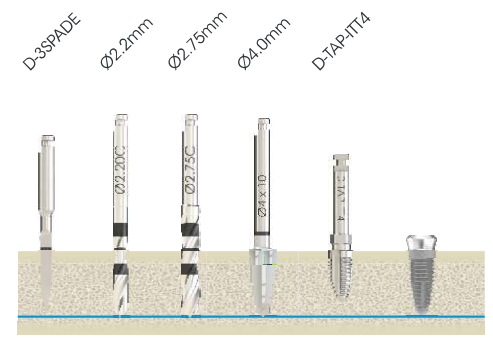
Soft Bone



Medium Bone



Dense Bone

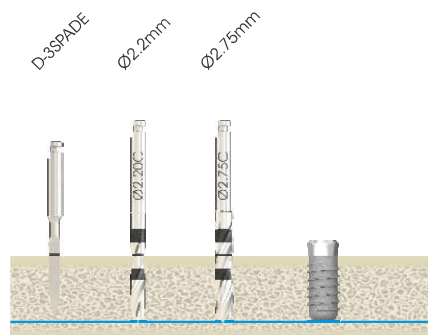


Site Preparation Sequence

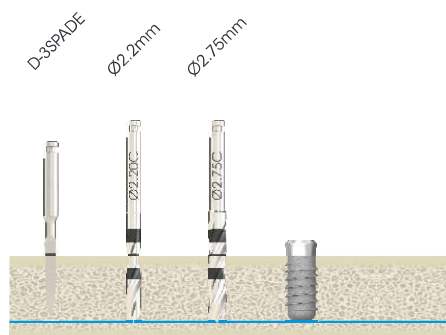
Ø4.9mm Parallel Walled (ITC5)

(illustrations are for 10mm implants)

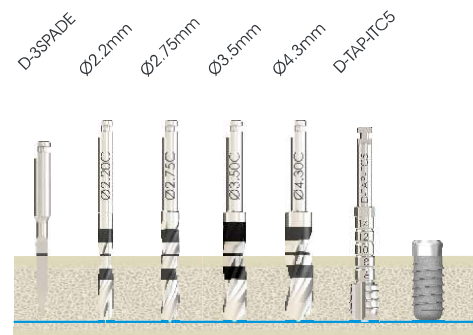
Soft Bone



Medium Bone

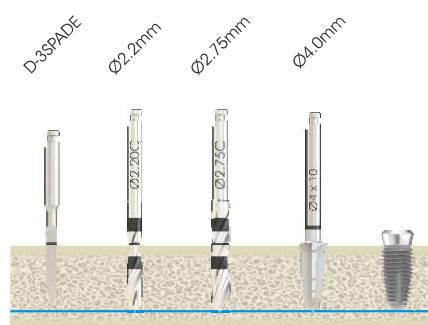


Dense Bone

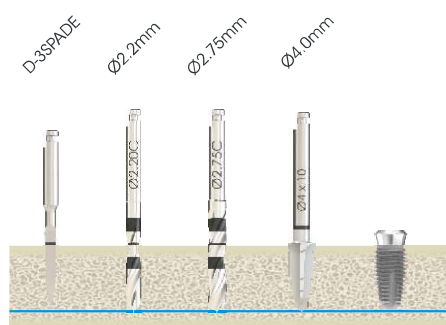


Ø5.0mm Tapered (ITT5)

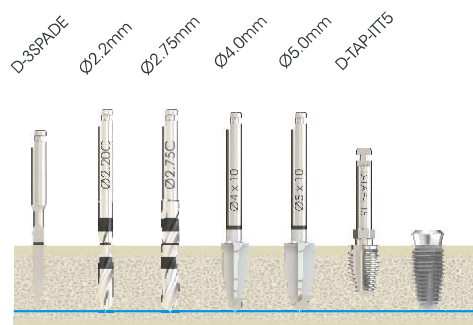
Soft Bone



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.

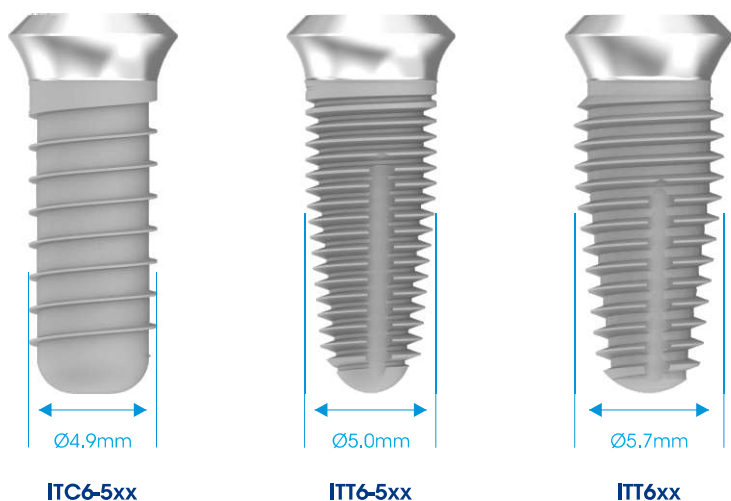
INTERNAL OCTAGON

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 Abutments



Impression Copings

ITS6-CA5
(engaging)



(pick-up)

ITS6-TRC5
(engaging)



(transfer)

SFH-IT6
(Scanning Flag)



Titanium

Laboratory Analogues

LITS6



LAD-IT6



(digital analogue)

Prosthetic Components

ITS6-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-F



SYN620D-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 Abutments

TIB-IT6
TIB-IT6-C1.5
TIB-IT6-C3
(engaging)



TIB-IT6NE
TIB-IT6NE-C1.5
TIB-IT6NE-C3
(non-engaging)



SCANNABLE Abutments

PASSIVE Abutments

ITS6-PA
(engaging)
ITS6-PA-NE
(non-engaging)



Passive Abutment Screws

TS-IT-PA



Titanium
TORQUE:
32-40Ncm

BS-IT-PA*



Brass
*(Blackedened and for laboratory use only)

Retaining Screws

TSIT2



Titanium
TORQUE:
32-40Ncm

GSIT2



Gold
TORQUE:
32-40Ncm

BSIT2*



Brass

*(Blackedened 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.

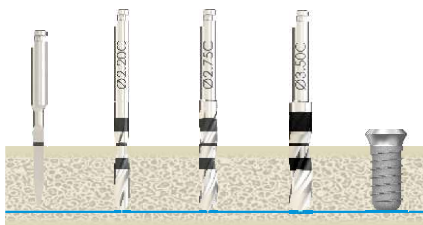
Site Preparation Sequence

Ø4.9mm Parallel Walled (ITC6-5)

(illustrations are for 10mm implants)

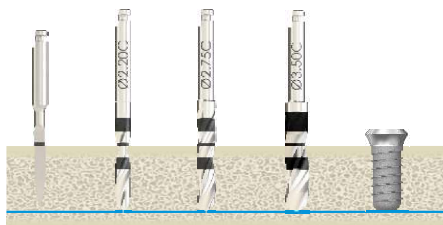
Soft Bone

D-3SPADE
Ø2.2mm
Ø2.75mm
Ø3.5mm



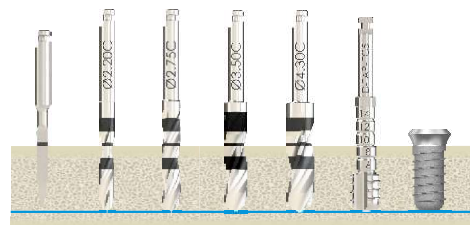
Medium Bone

D-3SPADE
Ø2.2mm
Ø2.75mm
Ø3.5mm



Dense Bone

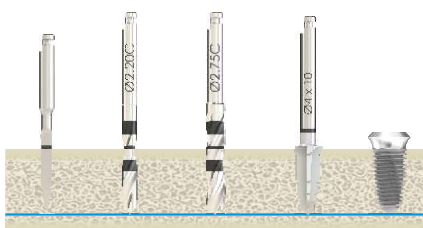
D-3SPADE
Ø2.2mm
Ø2.75mm
Ø3.5mm
Ø4.3mm
D-TAP-ITC5



Ø5.0mm Tapered (ITT6-5)

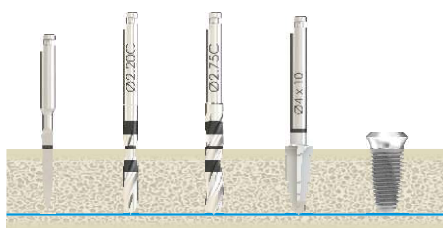
Soft Bone

D-3SPADE
Ø2.2mm
Ø2.75mm
Ø4.0mm



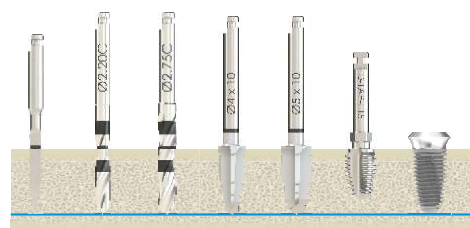
Medium Bone

D-3SPADE
Ø2.2mm
Ø2.75mm
Ø4.0mm



Dense Bone

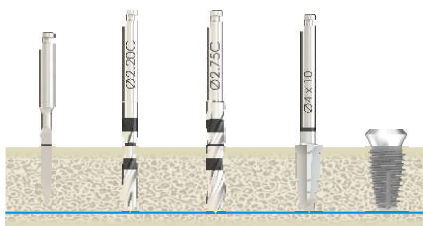
D-3SPADE
Ø2.2mm
Ø2.75mm
Ø4.0mm
Ø5.0mm
D-TAP-ITT5



Ø6.0mm Tapered (ITT6)

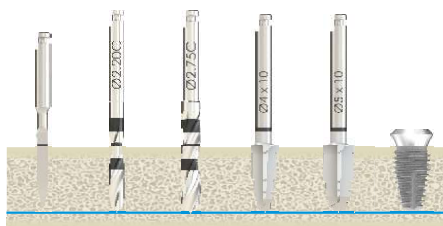
Soft Bone

D-3SPADE
Ø2.2mm
Ø2.75mm
Ø4.0mm



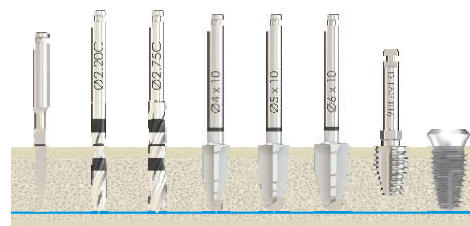
Medium Bone

D-3SPADE
Ø2.2mm
Ø2.75mm
Ø4.0mm
Ø5.0mm



Dense Bone

D-3SPADE
Ø2.2mm
Ø2.75mm
Ø4.0mm
Ø5.0mm
Ø6.0mm
D-TAP-ITT6



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

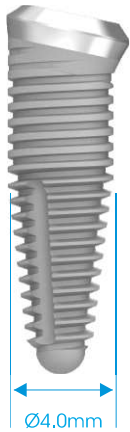
Standard interface

Co-Axis®

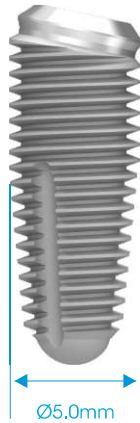
Ø4.0mm

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 Abutments



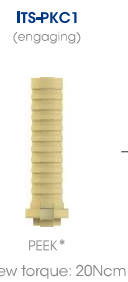
Impression Copings



Laboratory Analogues



Prosthetic Components



DIRECT Abutments

Gold

Titanium

PEEK*
*Screw torque: 20Ncm

Retaining Screws



Titanium
TORQUE:
32-40Ncm

TITANIUM Abutments



Gold
TORQUE:
32-40Ncm

TITANIUM Abutments



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



* (Blackened and for laboratory use only)

SCANNABLE Abutments



(TIB abutment screw)
TORQUE:
32-40Ncm

SCANNABLE Abutments



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

PASSIVE Abutments



Passive Abutment Screws



Titanium
TORQUE:
32-40Ncm

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

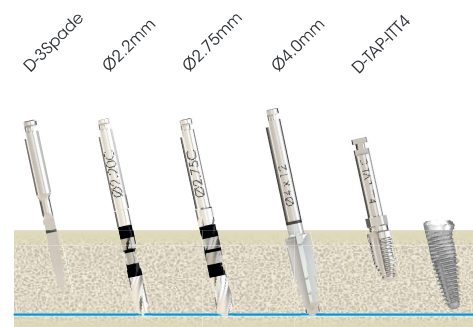
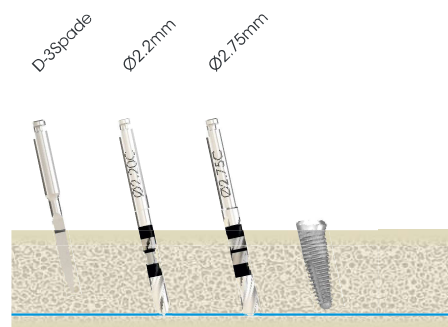
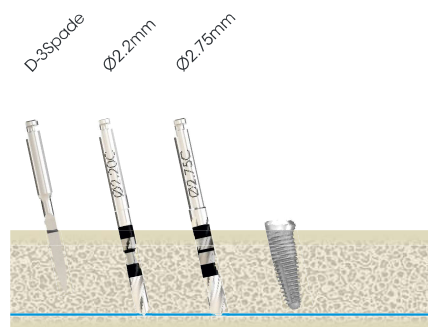
Ø4.0mm Co-Axis® (ITST12d-4)

(illustrations are for 12mm implants)

Soft Bone

Medium Bone

Dense Bone

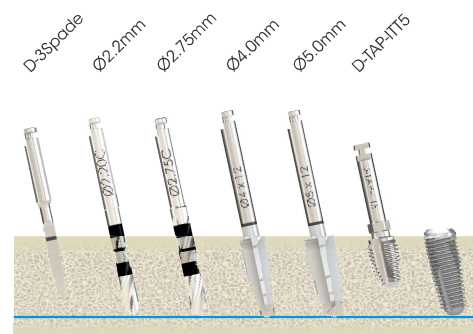
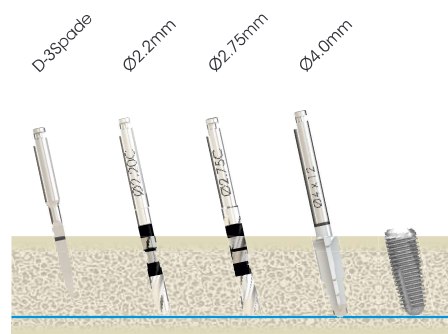
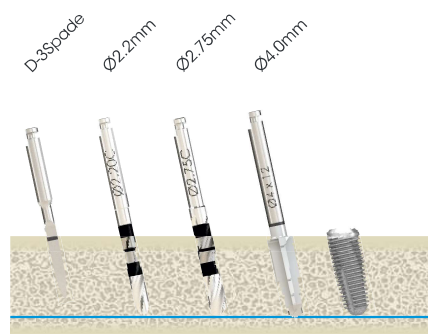


Ø5.0mm Co-Axis® (ITST12d-5)

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.

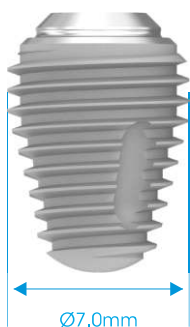
INTERNAL OCTAGON

Standard interface

MAXIT7

Ø7.0mm

 Restore with Ø4.8mm Standard Interface Components



MAXIT7xxF

(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 Abutments



Impression Copings



Laboratory Analogues



Prosthetic Components



DIRECT Abutments

Gold

Titanium

PEEK*
*Screw torque: 20Ncm



TITANIUM Abutments



TITANIUM Abutments

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



SCANNABLE Abutments



SCANNABLE Abutments

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



PASSIVE Abutments

Passive Abutment Screws



Titanium
TORQUE: 32-40Ncm



Brass
* (Blackened and for laboratory use only)

Retaining Screws



Titanium
TORQUE: 32-40Ncm



Gold
TORQUE: 32-40Ncm



Brass
* (Blackened and for laboratory use only)



(TIB abutment screw)
TORQUE: 32-40Ncm

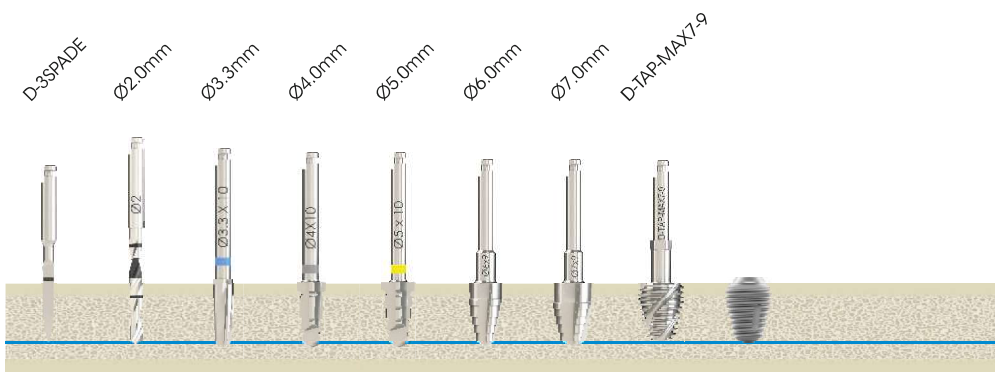
NOTE:

- 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

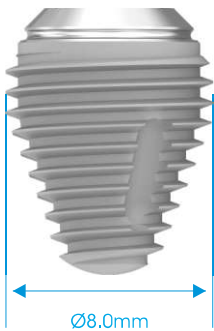
MAXIT8

Ø8.0mm

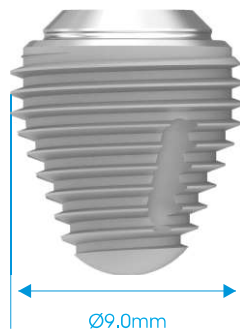
MAXIT9

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 Abutments



Impression Copings

ITS6-CA5
(engaging)



(pick-up)

ITS6-TRC5
(engaging)



(transfer)

SFH-IT6
(Scanning Flag)



Titanium

Laboratory Analogues

LITS6



LAD-IT6



(digital analogue)

Prosthetic Components

ITS6-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-F



SYN620D-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 Abutments

TIB-IT6
TIB-IT6-C1.5
TIB-IT6-C3
(engaging)



TIB-IT6NE
TIB-IT6NE-C1.5
TIB-IT6NE-C3
(non-engaging)



SCANNABLE Abutments

ITS6-PA
(engaging)
ITS6-PA-NE
(non-engaging)



PASSIVE Abutments

Passive Abutment Screws

TS-IT-PA



Titanium
TORQUE:
32-40Ncm

BS-IT-PA*



Brass
*(Blackedened and for laboratory use only)

Retaining Screws

TSIT2



Titanium
TORQUE:
32-40Ncm

GSIT2



Gold
TORQUE:
32-40Ncm

BSIT2*



Brass
*(Blackedened and for laboratory use only)

TS-IT-TIB



(TIB abutment screw)
TORQUE:
32-40Ncm

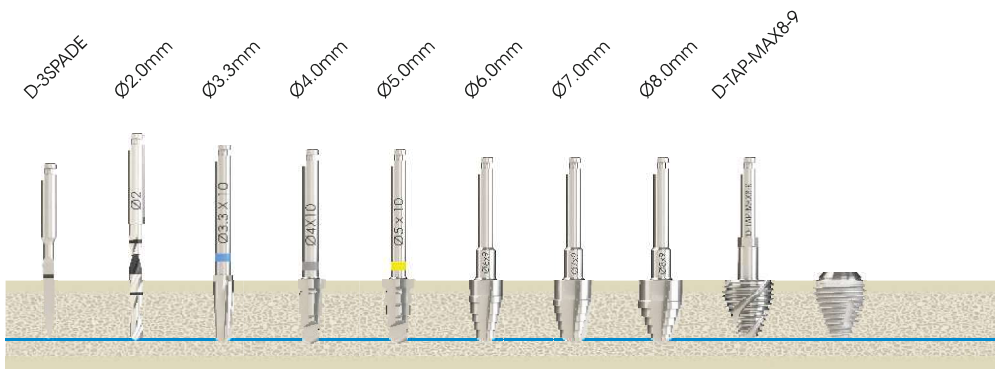
NOTE:

- 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.

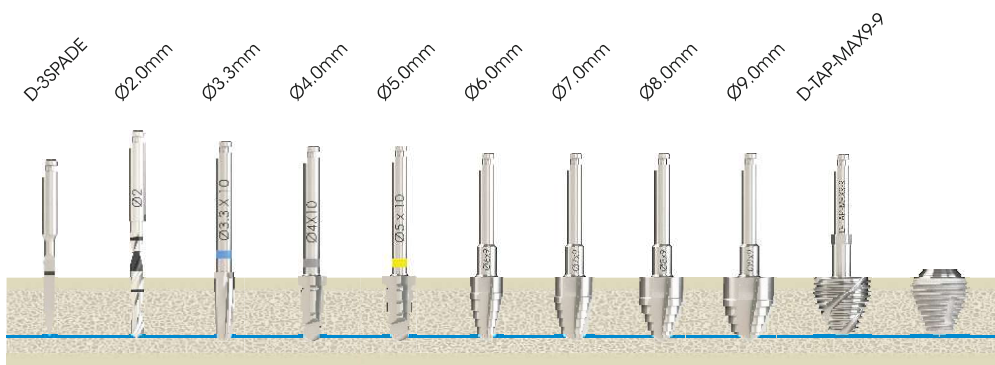
Site Preparation Sequence

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

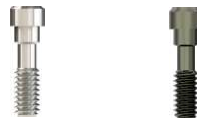
BSIT2*
Brass

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



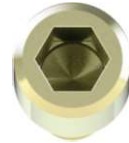
TS-IT-TIB

TORQUE:
32-40Ncm
Head Diameter:
2.40mm

Screw Head Connection

Torx

Hex

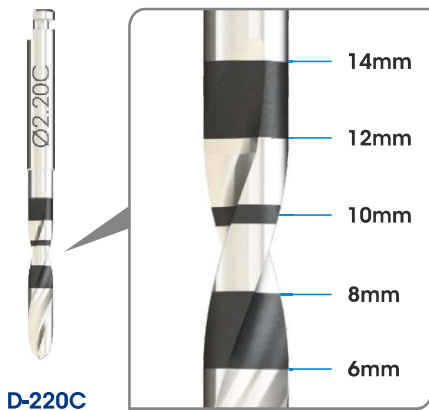


NOTE:

- 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

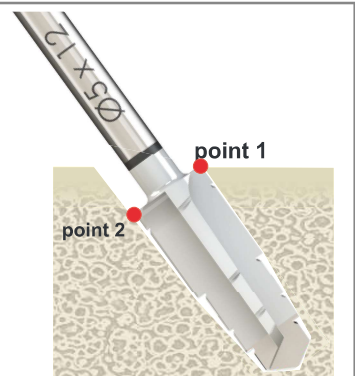


Final tapered drill position for Co-Axis® implants

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

Pilot Drills

- D-3SPADE-1.8M
- D-RB-MS
- D-12TM15
- D-16-T

Ø2.2mm Twist Drill

D-220C

Longer shaft drill available

Dedicated Twist Drills

- D-275C
- D-350C
- D-430C

Longer shaft drills available

Taps Cylindrical

- D-TAP4TC3
- D-TAP4TC4
- D-TAP4TC5

Handpiece Insertion Tools

- I-HITS-GS
To fit W&H Handpiece
- I-HITSU/S
To fit any Handpiece

Dedicated Tapered Drills

Ø4.0

- D-408T
- D-410T
- D-412T
- D-414T

Ø5.0

- D-508T
- D-510T
- D-512T
- D-514T

Ø6.0

- D-608T
- D-610T
- D-612T

Taps Tapered

- D-TAP4TT4
- D-TAP4TT5
- D-TAP4TT6

Handpiece Drivers

Torx

- I-HSCS-S/M/L

Hex

UNIVERSAL 1.22/1.27

- I-HHD-22U-S/M/L

Handheld Drivers

Torx

- I-SCS-S/M/L

Hex

UNIVERSAL 1.22/1.27

- IHD-22U-S/M/L

Wrench Insertion Tool

- I-WHTS/S
Wrench insert

Wrench Drivers

Torx

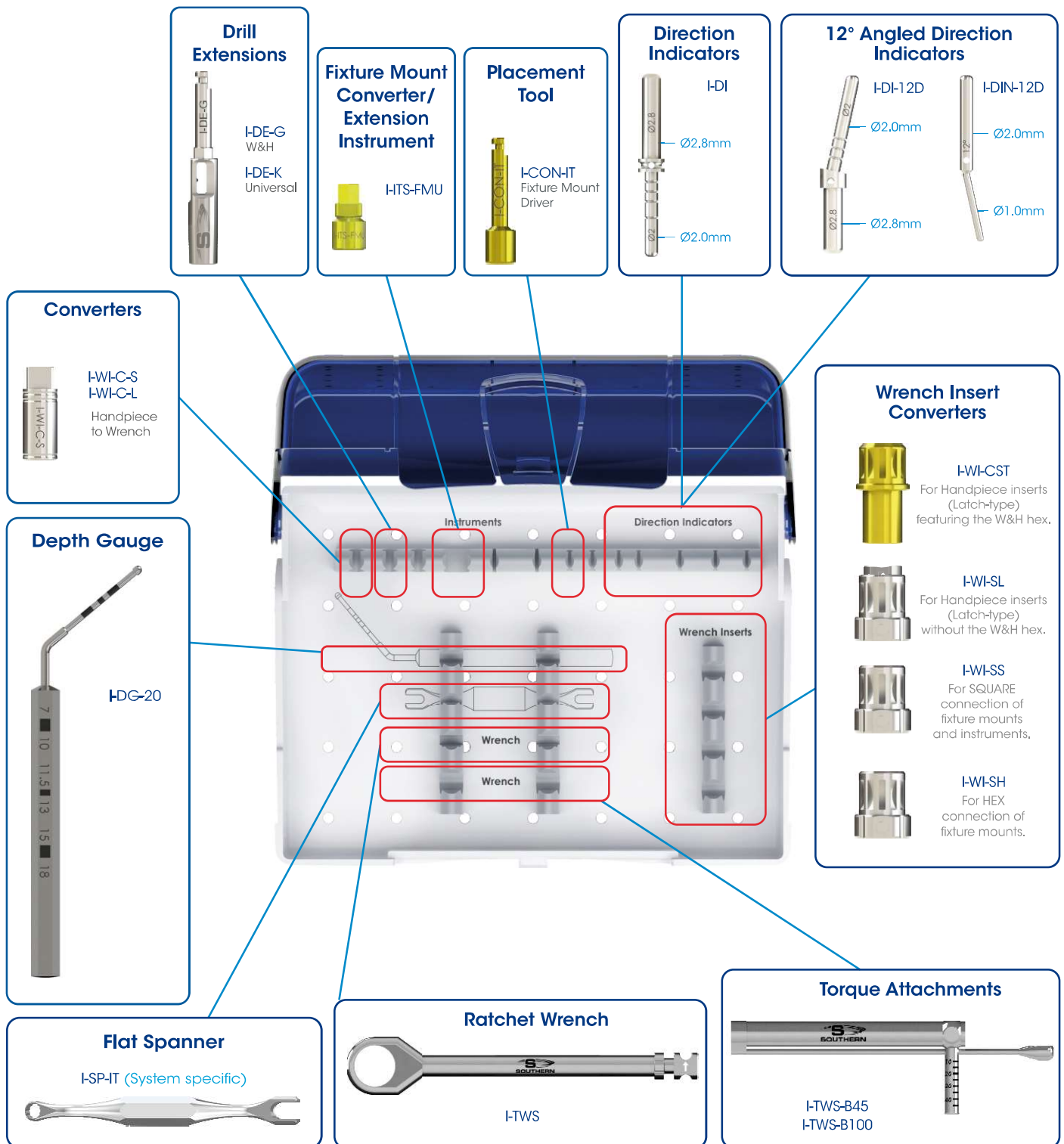
- I-WI-SCS-S/M/L

Hex

UNIVERSAL 1.22/1.27

- I-WI-22U-S/M/L

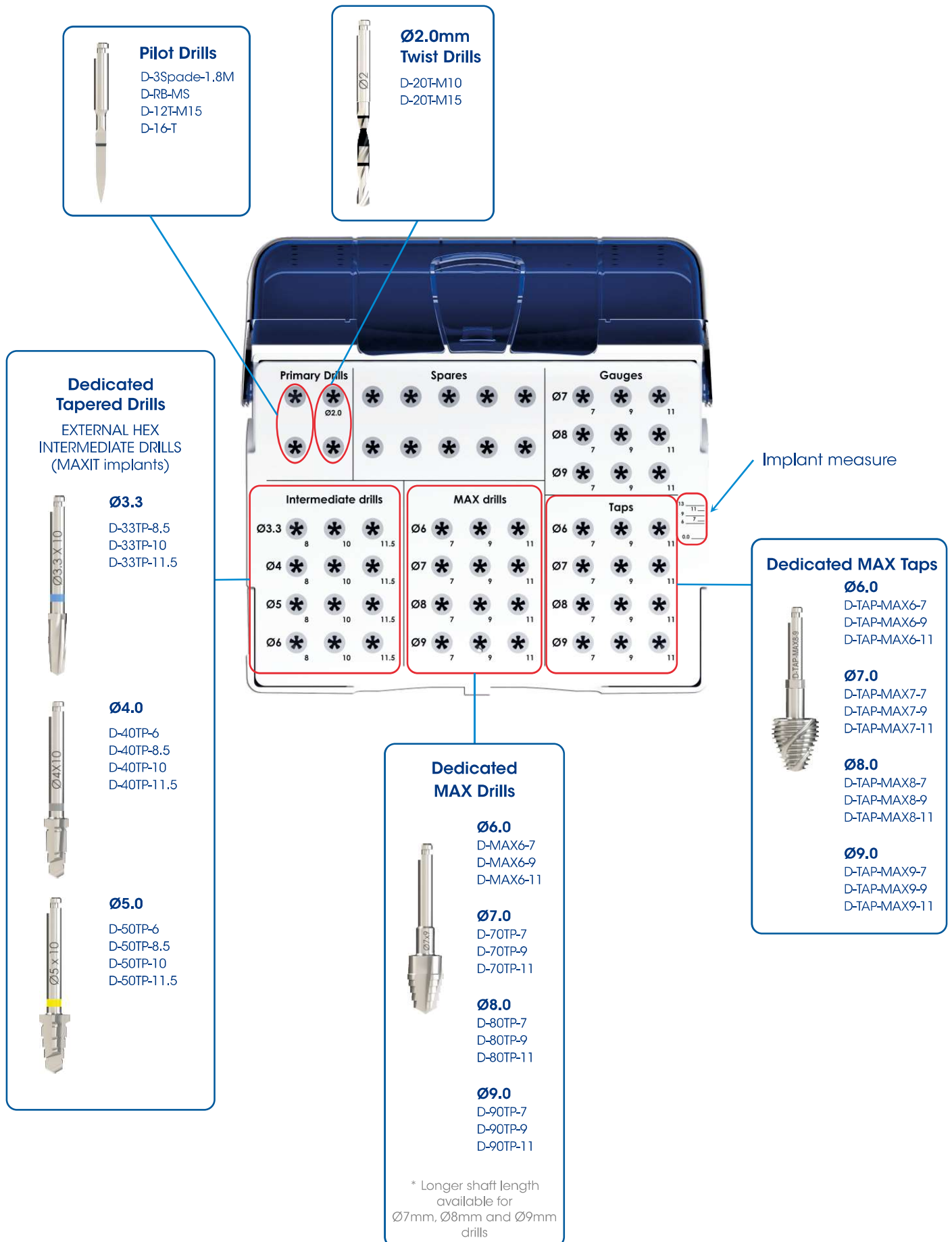
BOTTOM TRAY



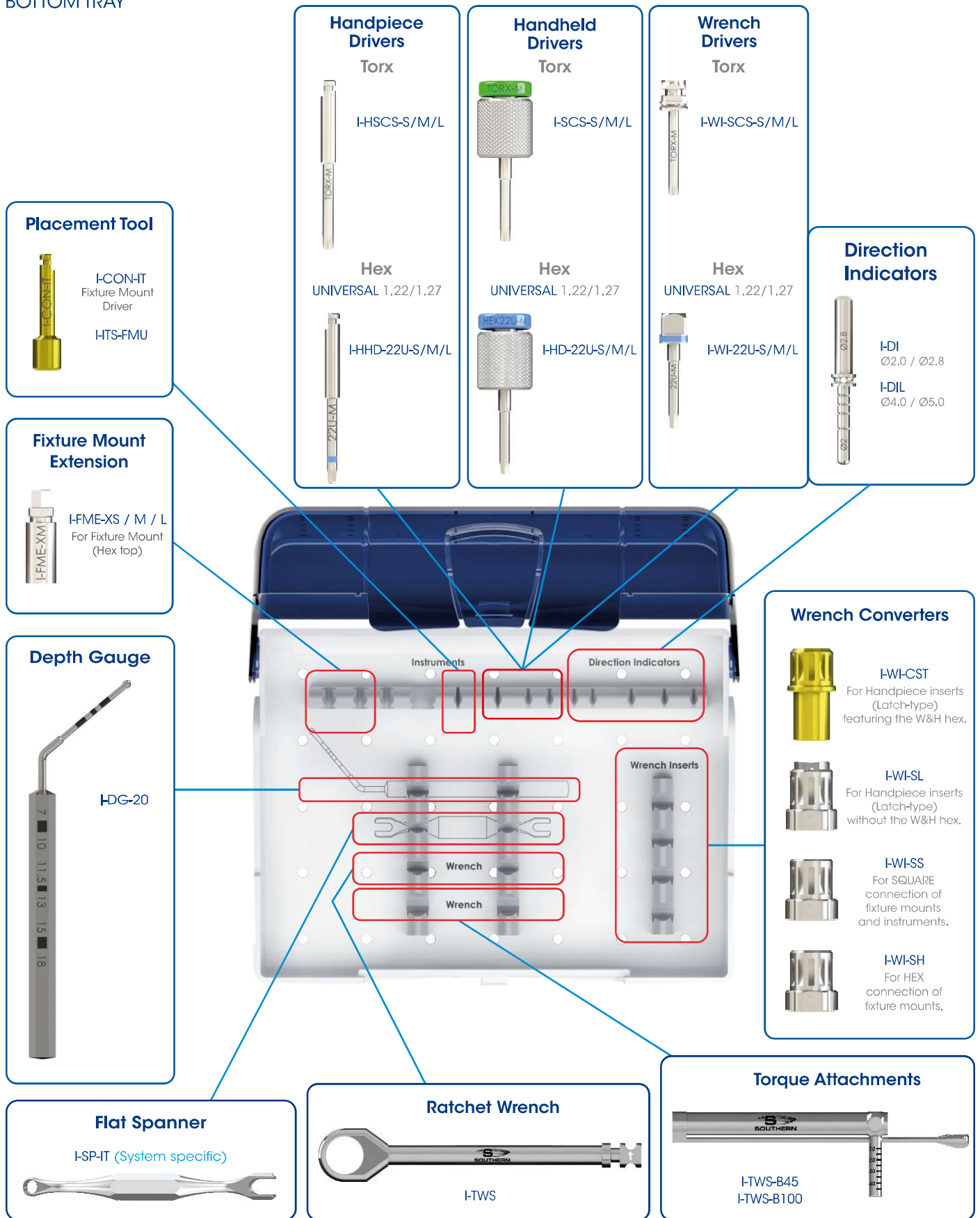
NOTE:

- 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



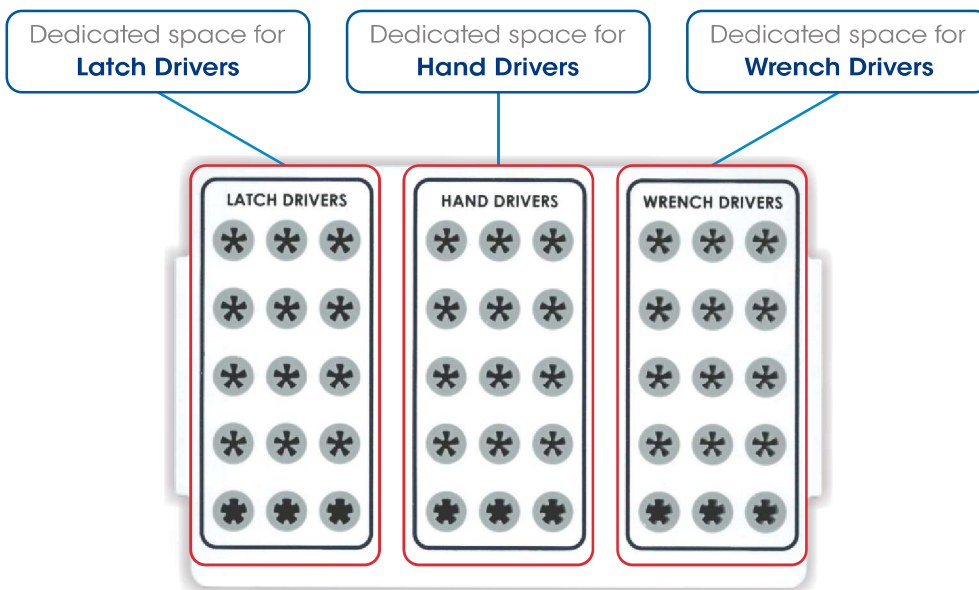
BOTTOM TRAY



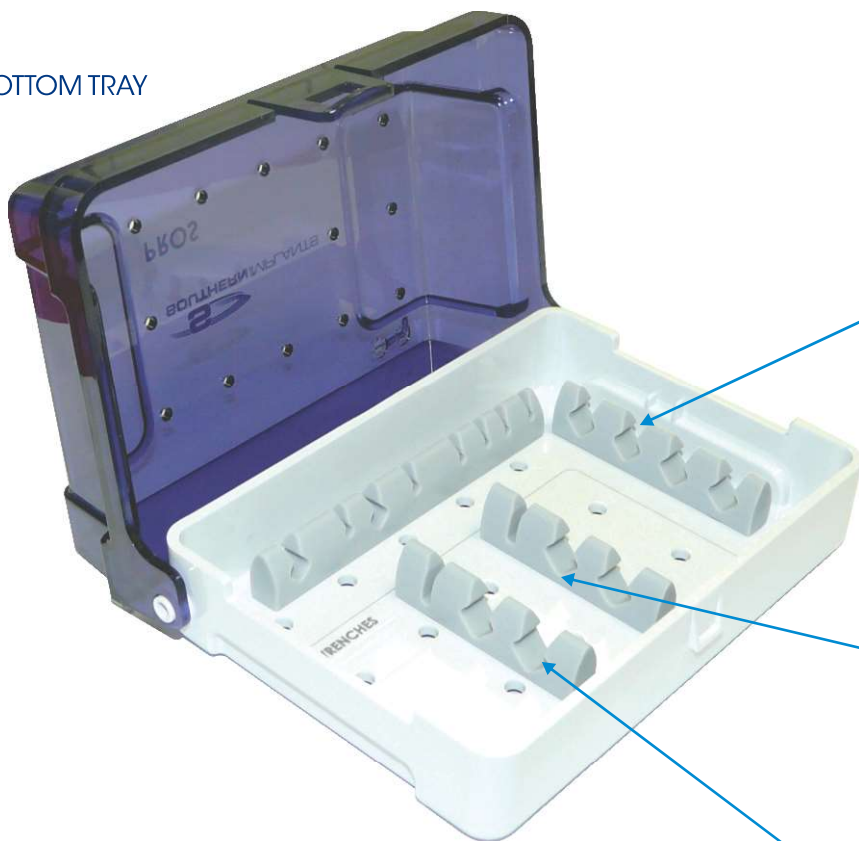
NOTE:

- 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

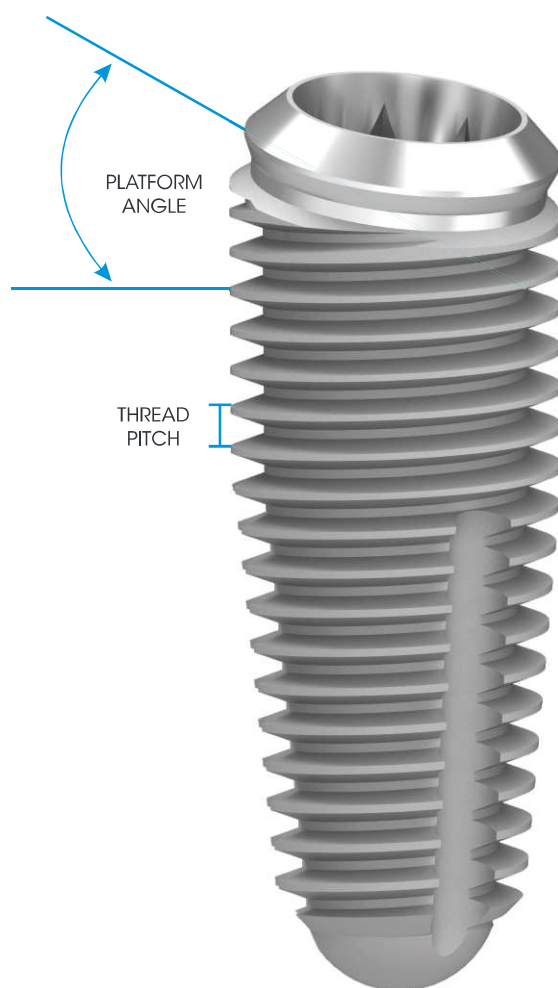
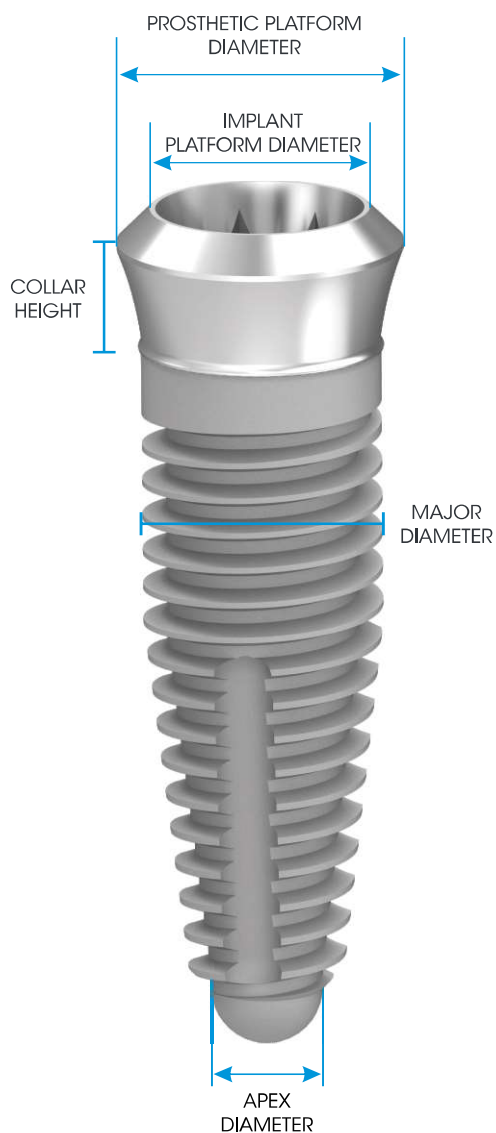
NOTE:

- 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).

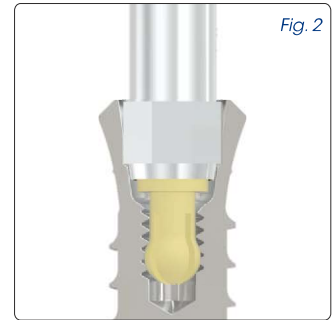
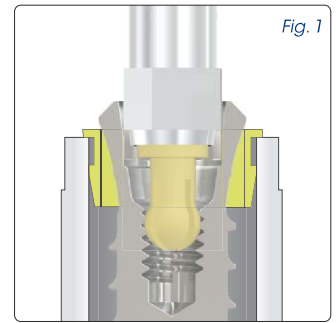
The implant is placed in the prepared site and inserted at 10 to 15 RPM, while applying downwards pressure.

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:

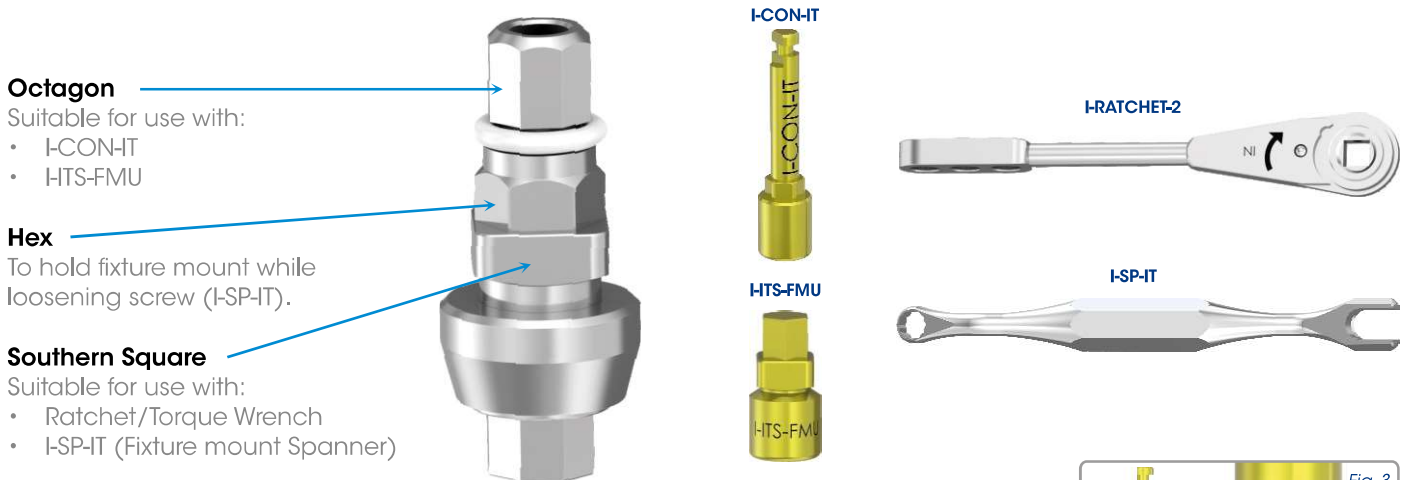
- Change the direction of the rotation.
- Rotate the implant very slightly (half a turn).
- Change the direction again. Only when fully engaged, start screwing the implant into bone.

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

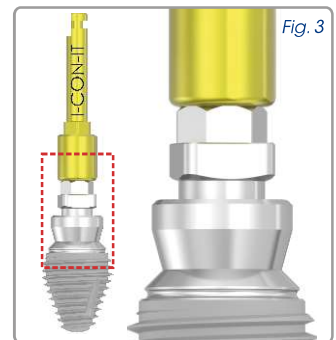
These implants are packaged with a propriety design fixture mount that is compatible with a selection of surgical insertion tools and wrenches.



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).

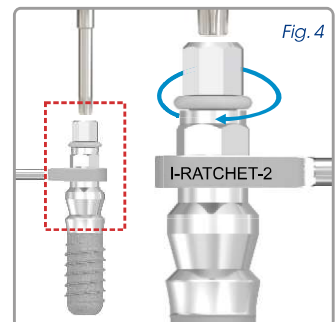
Use the I-CON-IT to drive the implant into the prepared site. Apply downward pressure, using an implant motor and handpiece, with a speed of 10-15 RPM.



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.

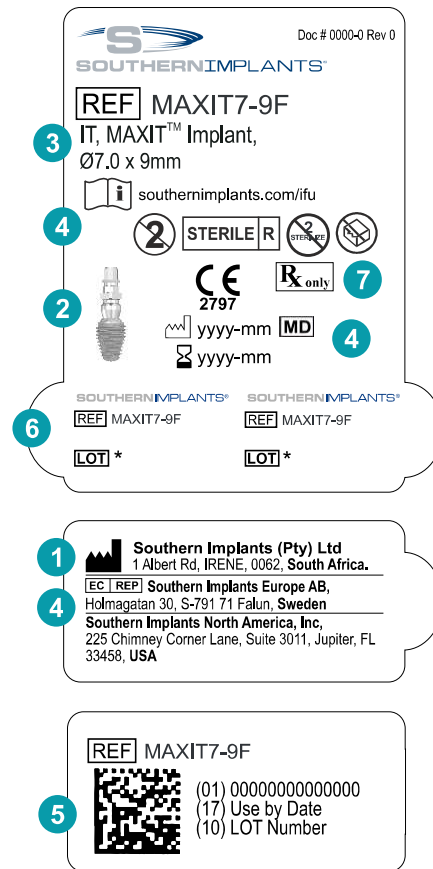


EXPLANATION OF SYMBOLS

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

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



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