



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 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.

INTERNAL OCTAGON (IT)

Standard interface

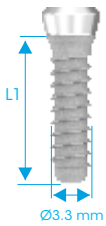
Ø3.3 mm

Ø4.0 mm

Ø5.0 mm

Ø3.3 mm Implants (Parallel Walled)

 Restore with Ø4.8 mm standard interface components



ITC3xx

(where xx is implant length)

Implants are available in lengths of:

NOTE: implant dimensions and information - page 33.

ITEM CODE	IMPLANT LENGTHS (in mm)
ITC306	06
ITC308	08
ITC310	10
ITC312	12
ITC314	14

NOTE: implants supplied without a fixture mount are NOT packaged with a healing abutment.

ITEM CODE	IMPLANT LENGTHS (in mm)
ITC306F	06
ITC308F	08
ITC310F	10
ITC312F	12
ITC314F	14

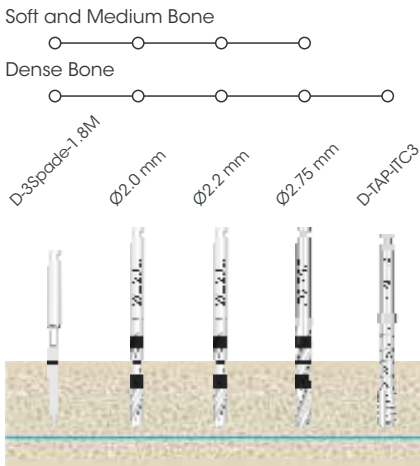
NOTE: implants premounted with fixture mount (indicated with "F" in item code) are packaged with **TT1** healing abutment.



Site Preparation Sequence

(illustrations are for 10 mm implants)

Ø3.3 mm Parallel Walled (ITC3xx)



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.

Surgical Components

Cover Screw

TT0



Healing Abutments

TTx

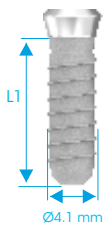


1/2/3/5/6/8/10/12 lengths

(where x is length)

Ø4.0 mm Implants (Parallel Walled and Tapered)

 Restore with Ø4.8 mm standard interface components



ITC4xx



ITT4xx

(where xx is implant length)

Implants are available in lengths of:

NOTE: implant dimensions and information - page 33.

ITEM CODE	IMPLANT LENGTHS (in mm)
ITC406	06
ITC408	08
ITC410	10
ITC412	12
ITC414	14

ITEM CODE	IMPLANT LENGTHS (in mm)
ITT408	08
ITT410	10
ITT412	12
ITT414	14

ITEM CODE	IMPLANT LENGTHS (in mm)
ITC406F	06
ITC408F	08
ITC410F	10
ITC412F	12
ITC414F	14

ITEM CODE	IMPLANT LENGTHS (in mm)
ITT408F	08
ITT410F	10
ITT412F	12
ITT414F	14



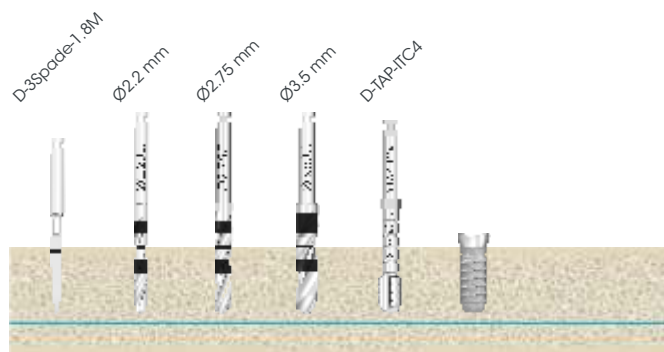
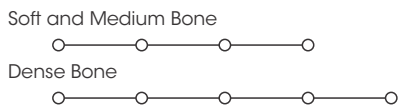
NOTE: implants supplied without a fixture mount are NOT packaged with a healing abutment.

NOTE: implants premounted with fixture mount (indicated with "F" in item code) are packaged with **TT1** healing abutment.

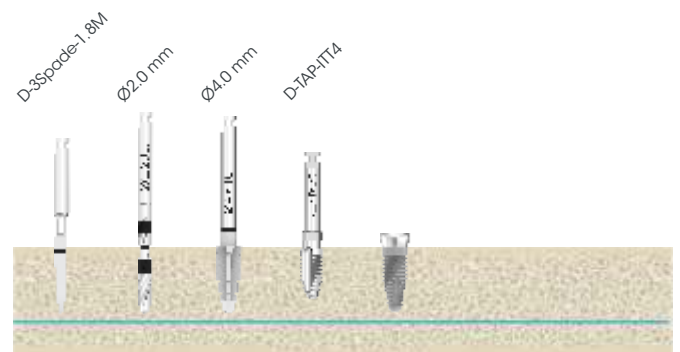
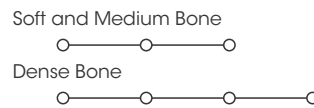
Site Preparation Sequence

(illustrations are for 10 mm implants)

Ø4.1 mm Parallel Walled (ITC4xx)



Ø4.0 mm Tapered (ITT4xx)



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.

Surgical Components

Cover Screw

TT0



Healing Abutments

TTx

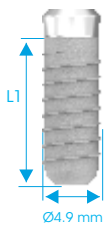


1/2/3/5/6/8/10/12
lengths

(where x is length)

Ø5.0 mm Implants (Parallel Walled and Tapered)

 Restore with Ø4.8 mm standard interface components



ITC5xx



ITT5xx

(where xx is implant length)

Implants are available in lengths of:

NOTE: implant dimensions and information - page 33.

ITEM CODE	IMPLANT LENGTHS (in mm)
ITC506	06
ITC508	08
ITC510	10
ITC512	12
ITC514	14

NOTE: implants supplied without a fixture mount are NOT packaged with a healing abutment.

ITEM CODE	IMPLANT LENGTHS (in mm)
ITC506F	06
ITC508F	08
ITC10F	10
ITC512F	12
ITC514F	14

NOTE: implants premounted with fixture mount (indicated with "F" in item code) are packaged with **TT1** healing abutment.

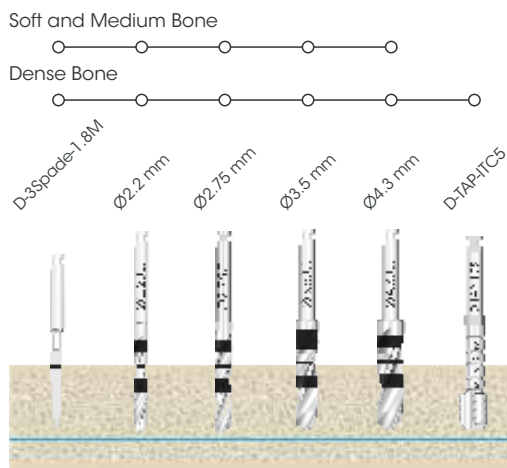
ITEM CODE	IMPLANT LENGTHS (in mm)
ITT508F	08
ITT510F	10
ITT512F	12
ITT514F	14



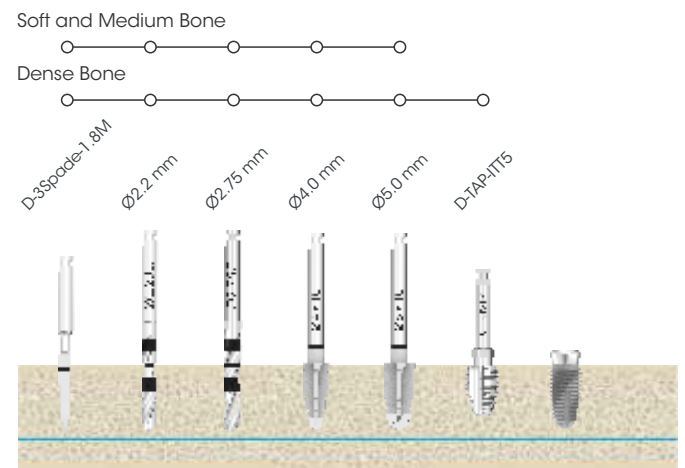
Site Preparation Sequence

(illustrations are for 10 mm implants)

Ø4.9 mm Parallel Walled (ITC5xx)



Ø5.0 mm Tapered (ITT5xx)



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.

Surgical Components

Cover Screw

TT0



Healing Abutments

TTx



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

(where x is length)

Healing Abutments



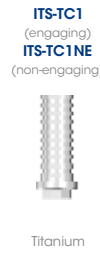
Impression Copings



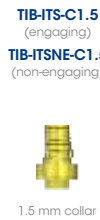
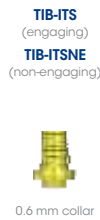
Laboratory Analogues



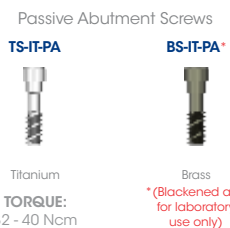
Prosthetic Components



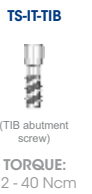
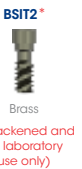
*C - a corner of the octagon indicating the angulation of the cylinder.
*F - a flat of the octagon indicating the angulation of the cylinder.



PASSIVE Abutments



Retaining Screws



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.

INTERNAL OCTAGON (IT)

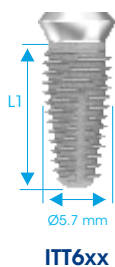
Wide interface

Ø5.0 mm

Ø6.0 mm

Ø6.0 mm Implants (Tapered)

 Restore with Ø6.5 mm standard interface components



Implants are available in lengths of:

(where xx is implant length)
NOTE: implant dimensions and information - page 33.

ITEM CODE	IMPLANT LENGTHS (in mm)
ITT606F	06
ITT608F	08
ITT610F	10
ITT612F	12
ITT616F	14

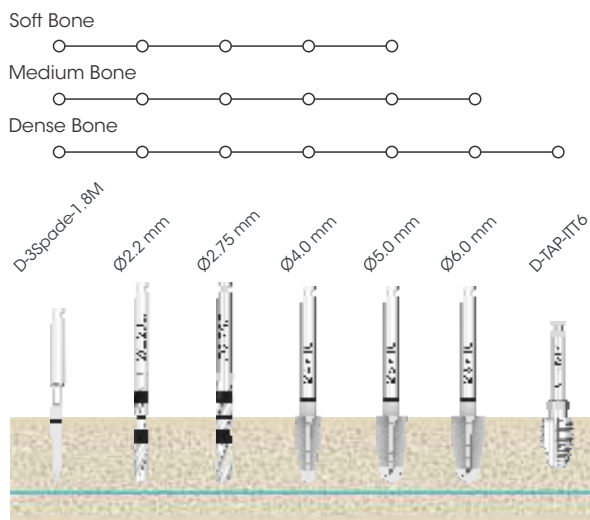
NOTE: implants premounted with fixture mount (indicated with "F" in item code) are packaged with TT1 healing abutment.



Site Preparation Sequence

(illustrations are for 10 mm implants)

Ø5.0 mm Tapered (ITT6xx)



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.

Surgical Components

Cover Screw

TT6-0



Healing Abutments

TT6x



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

(where x is length)

Healing Abutments



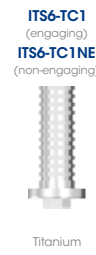
Impression Copings



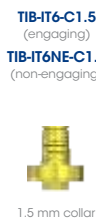
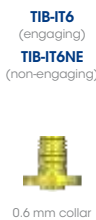
Laboratory Analogues



Prosthetic Components



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



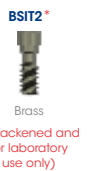
PASSIVE Abutments



Passive Abutment Screws



Retaining Screws



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.

INTERNAL OCTAGON (IT)

Standard interface

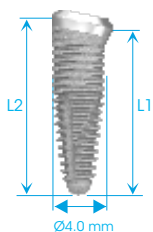
Co-Axis®

Ø4.0 mm

Ø5.0 mm

Ø4.0 mm / Ø5.0 mm 12° Co-Axis® Implants (Tapered)

 Restore with Ø4.8 mm standard interface components



ITST12d-4xxF



ITST12d-5xxF

(where xx is implant length)

Implants are premounted and available in lengths of:

NOTE: implant dimensions and information - page 33.

ITEM CODE	IMPLANT LENGTHS (in mm)	
	L1	L2
ITST12d-408F	8	9.62
ITST12d-410F	10	11.62
ITST12d-412F	12	13.62
ITST12d-414F	14	15.62

ITEM CODE	IMPLANT LENGTHS (in mm)	
	L1	L2
ITST12d-508F	8	9.45
ITST12d-510F	10	11.45
ITST12d-512F	12	13.45
ITST12d-514F	14	15.45

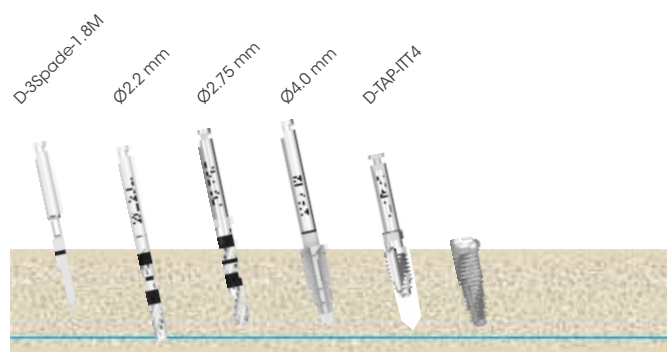


NOTE: implants premounted with fixture mount (indicated with "F" in item code) are packaged with **TT1** healing abutment.

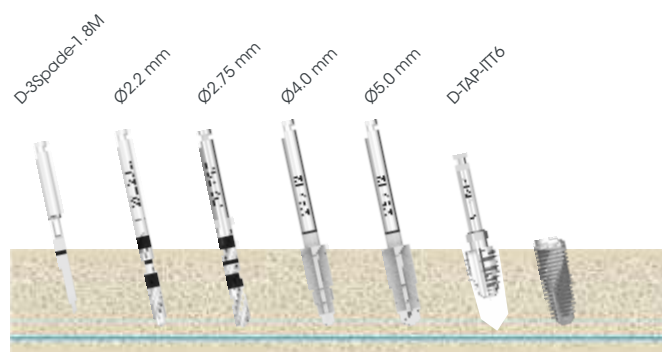
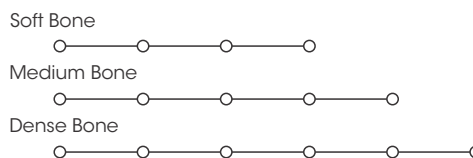
Site Preparation Sequence

(illustrations are for 12 mm implants)

Ø4.0 mm Co-Axis® (ITST12d-4xx)



Ø5.0 mm Tapered (ITT5xx)



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.

Surgical Components

Cover Screw

TT0



Healing Abutments

TTx



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

(where x is length)

Healing Abutments



Impression Copings

ITS-CA5 (engaging)



(pick-up)

ITS-TRC5 (engaging)



(transfer)

SFT-IT (scanning flag)



Titanium

Laboratory Analogues

LITS4



LAD-ITS



(digital analogue)

Prosthetic Components

ITS-GC1 (engaging)
ITS-GC1NE (non-engaging)



Gold

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



Titanium

PKR-ITS (engaging)



PEEK*

*Screw torque: 20 Ncm

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)



SIB-ITS-48 (engaging)
SIB-ITSNE-48 (non-engaging)



Ø4.8 platform
0.9 mm collar

SIB-ITS-55C1.5 (engaging)
SIB-ITSNE-55C1.5 (non-engaging)



Ø5.5 platform
1.5 mm collar

SIB-ITS-55C3 (engaging)
SIB-ITSNE-55C3 (non-engaging)



Ø5.5 platform
3 mm collar

SIB-ITS-60C1.5 (engaging)
SIB-ITSNE-60C1.5 (non-engaging)



Ø6.0 platform
1.5 mm collar

TIB-ITS (engaging)
TIB-ITSNE (non-engaging)



0.6 mm collar

TIB-ITS-C1.5 (engaging)
TIB-ITSNE-C1.5 (non-engaging)



1.5 mm collar

TIB-ITS-C3 (engaging)
TIB-ITSNE-C3 (non-engaging)



3 mm collar

PASSIVE Abutments

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



Passive Abutment Screws

TS-IT-PA



Titanium
TORQUE:
32 - 40 Ncm

BS-IT-PA*



Brass
*(Blackened and for laboratory use only)

TSIT2



Titanium
TORQUE:
32 - 40 Ncm

BSIT2*



Brass
*(Blackened and for laboratory use only)

TS-IT-TIB



(TIB abutment screw)
TORQUE:
32 - 40 Ncm

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.

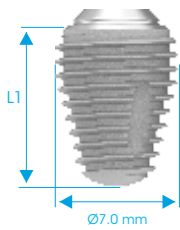
INTERNAL OCTAGON (IT)

Standard interface

MAXIT7

Ø7.0 mm

 Restore with Ø4.8 mm standard interface components



MAXIT7xxF

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

(where xx is implant length)

Implants are premounted and available in lengths of:

NOTE: implant dimensions and information - page 33.

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

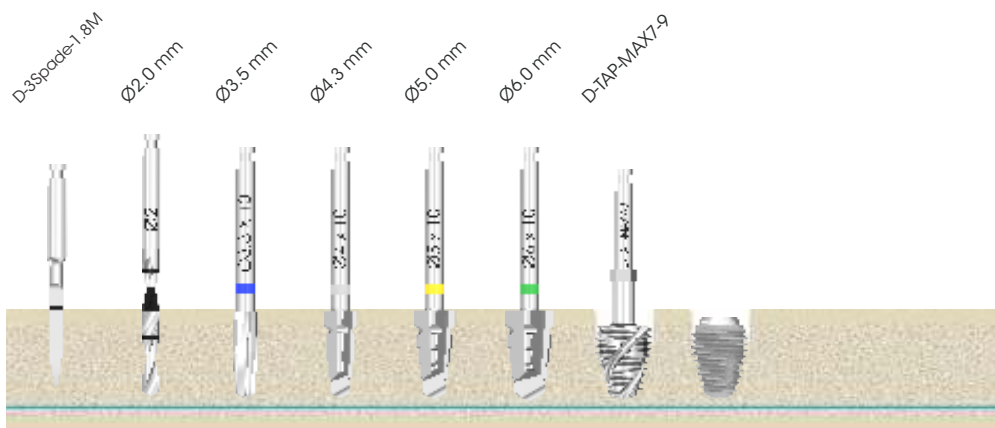


NOTE: implants premounted with fixture mount (indicated with "F" in item code) are packaged with **TT1** healing abutment.

Site Preparation Sequence

(illustrations are for 9 mm implants)

Ø7.0 mm Tapered (MAXIT7xx)



NOTE:

- site preparation sequences recommended by Southern Implants[®] do not replace the judgement and experience of the surgeon.
- drill length of intermediate drills may differ from the length of definitive drills.

Surgical Components

Cover Screw

TT0



Healing Abutments

TTx



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

(where x is length)

Healing Abutments



Impression Copings



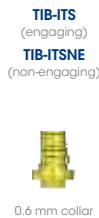
Laboratory Analogues



Prosthetic Components



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



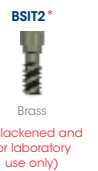
PASSIVE Abutments



Passive Abutment Screws



Retaining Screws



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.

INTERNAL OCTAGON (IT)

Wide interface

MAXIT8

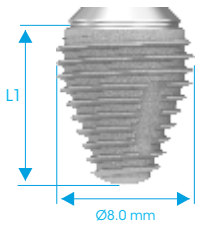
Ø8.0 mm

MAXIT9

Ø9.0 mm

MAXIT® Ø8 mm / Ø9 mm Implants (Tapered)

 Restore with Ø6.5 mm standard interface components



MAXIT8xxF

(where xx is implant length)

Implants are premounted and available in lengths of:

NOTE: implant dimensions and information - page 33.

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

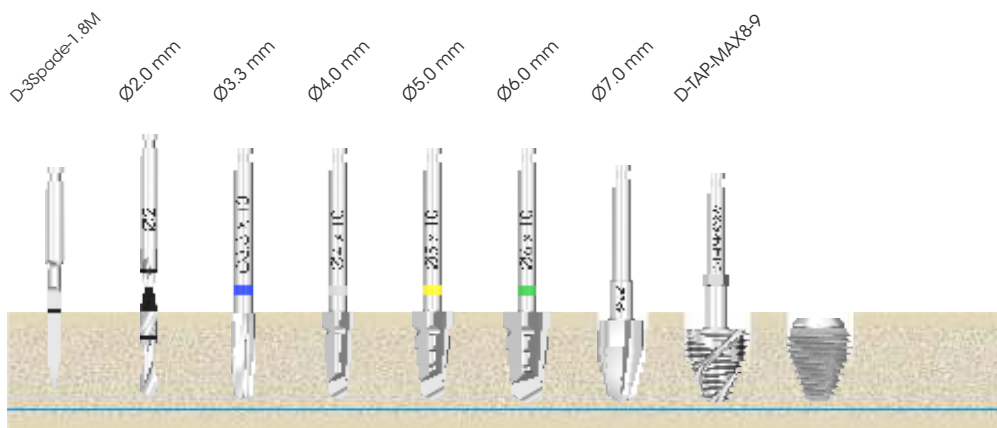


NOTE: implants premounted with fixture mount (indicated with "F" in item code) are packaged with **TT1** healing abutment.

Site Preparation Sequence

(illustrations are for 9 mm implants)

Ø8.0 mm Tapered (MAXIT8xx)



NOTE:

- site preparation sequences recommended by Southern Implants® do not replace the judgement and experience of the surgeon.
- drill length of intermediate drills may differ from the length of definitive drills.

Surgical Components

Cover Screw

TT6-0



Healing Abutments

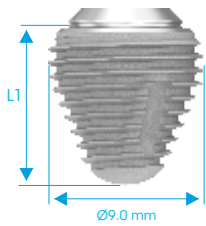
TT6x



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

(where x is length)

 Restore with Ø6.5 mm standard interface components



MAXIT9xxF

(where xx is implant length)

Implants are premounted and available in lengths of:

NOTE: implant dimensions and information - page 33.

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

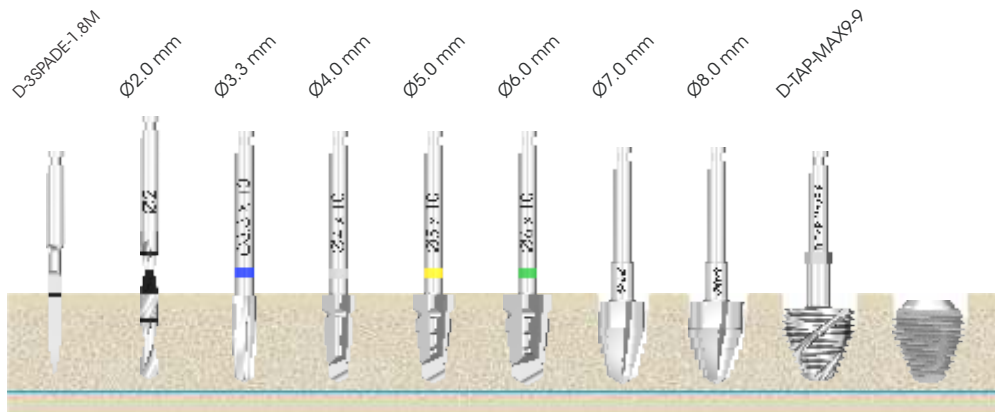


NOTE: implants premounted with fixture mount (indicated with "F" in item code) are packaged with **TT1** healing abutment.

Site Preparation Sequence

(illustrations are for 9 mm implants)

Ø9.0 mm Tapered (MAXIT9xx)



NOTE:

- site preparation sequences recommended by Southern Implants® do not replace the judgement and experience of the surgeon.
- drill length of intermediate drills may differ from the length of definitive drills.

Surgical Components

Cover Screw

TT6-0



Healing Abutments

TT6x



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

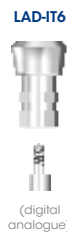
Healing Abutments



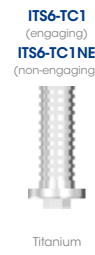
Impression Copings



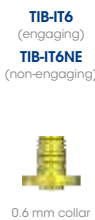
Laboratory Analogues



Prosthetic Components



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



PASSIVE Abutments



Passive Abutment Screws



Retaining Screws



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.

TORQUE TABLE FOR SOUTHERN SCREWS

Torx Prosthetic screws

M2



TORQUE:
32 - 40 Ncm
Head diameter:
2.70 mm



BSIT2*
Brass

TORQUE:
Finger tighten

TSIT2

Screw **TORQUE** with
PEEK prosthetics:
20 Ncm

Torx Passive Abutment screws

M2



TORQUE:
32 - 40 Ncm
Head diameter:
2.70 mm



BS-IT-PA*
Brass

TORQUE:
Finger tighten

TS-IT-PA

Screw **TORQUE** with
PEEK prosthetics:
20 Ncm

TIB Abutment screw

M2



TS-IT-TIB

TORQUE:
32 - 40 Ncm
Head diameter:
2.40 mm

Screw Head Connection

Torx



Hex



Screw product codes

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

NOTE:

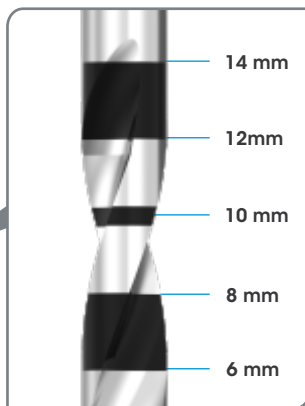
- due to design revisions screw tips may be flat or rounded.
- always ensure that the correct screw is used for the relevant implant and component.
- * blackened and for laboratory use only.

DRILL INFORMATION

Twist Drill Markings



D-220C

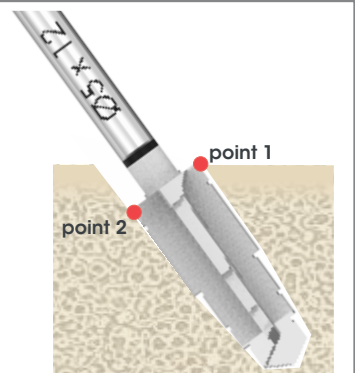


Final tapered drill position for Co-Axis® implants

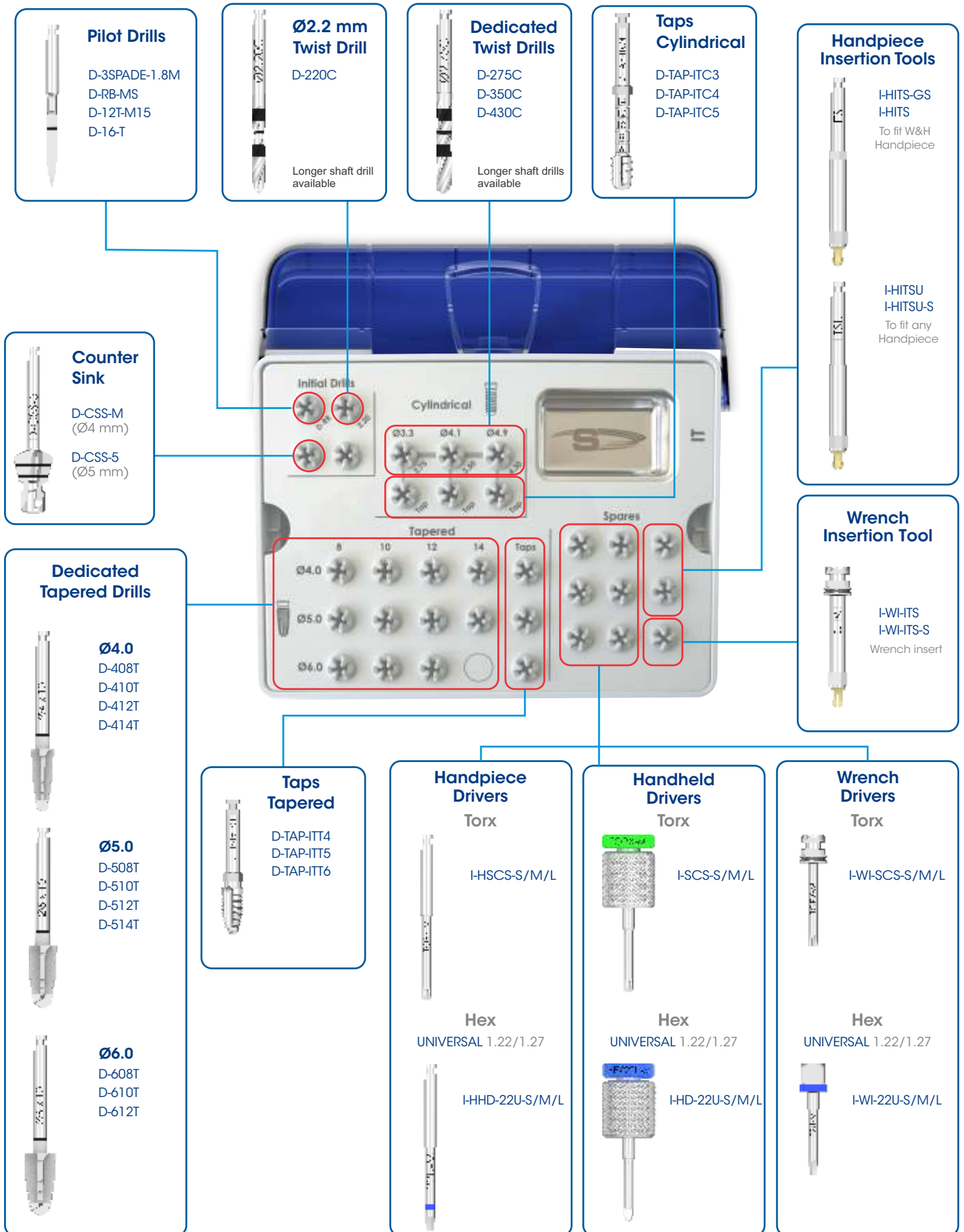
PLEASE NOTE:

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

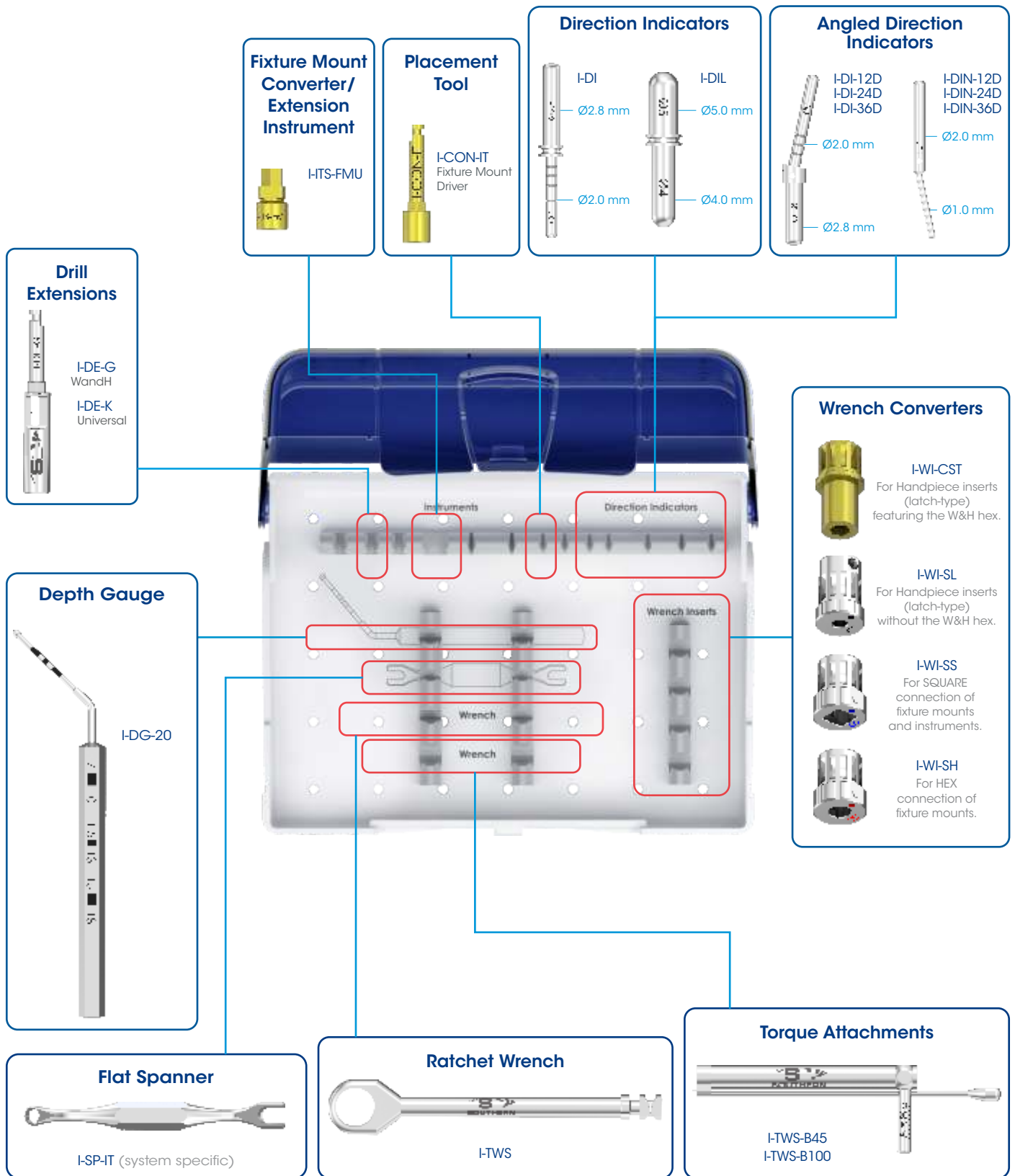
Point 2
This corner of the drill will be subcrestal.



TOP TRAY



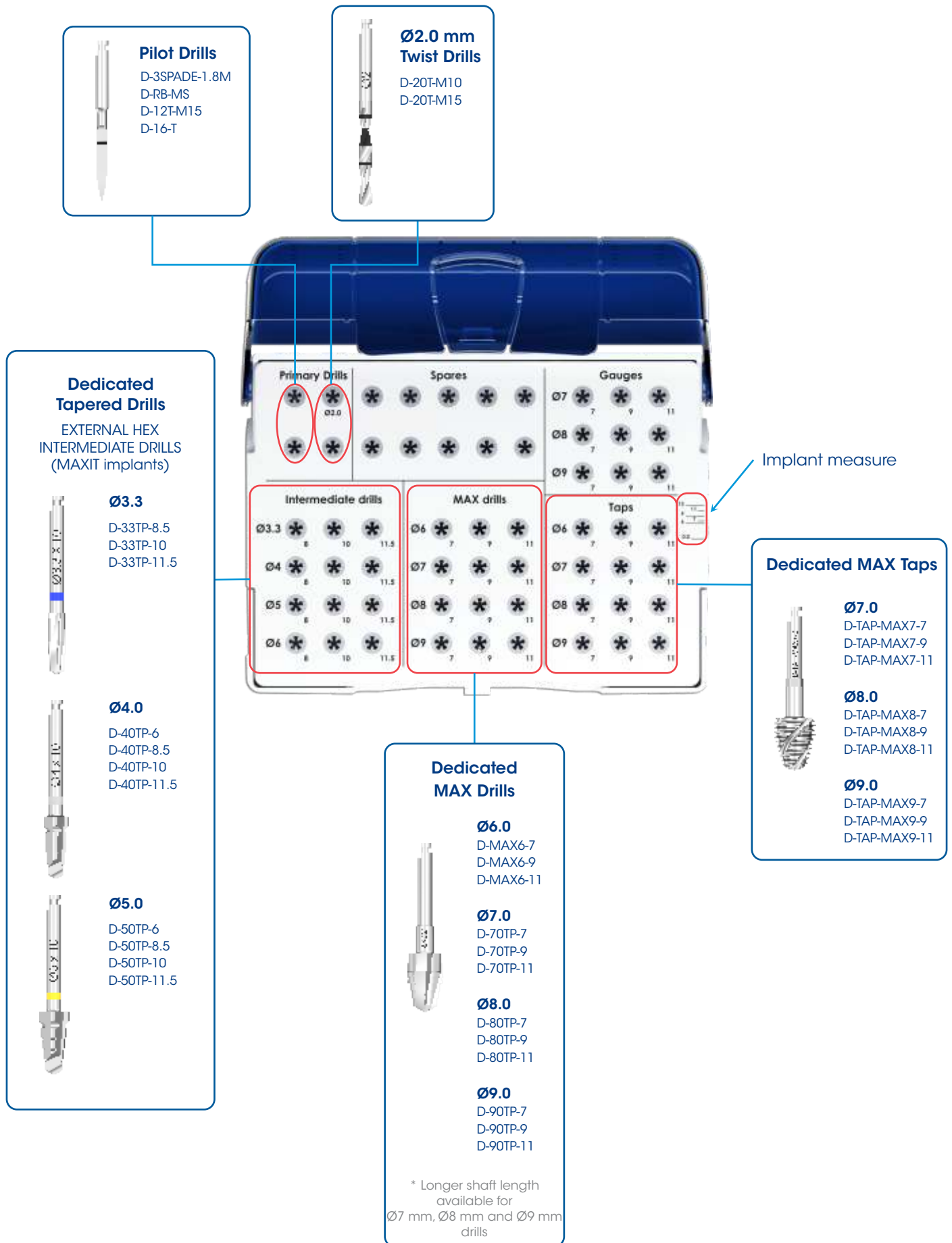
BOTTOM TRAY



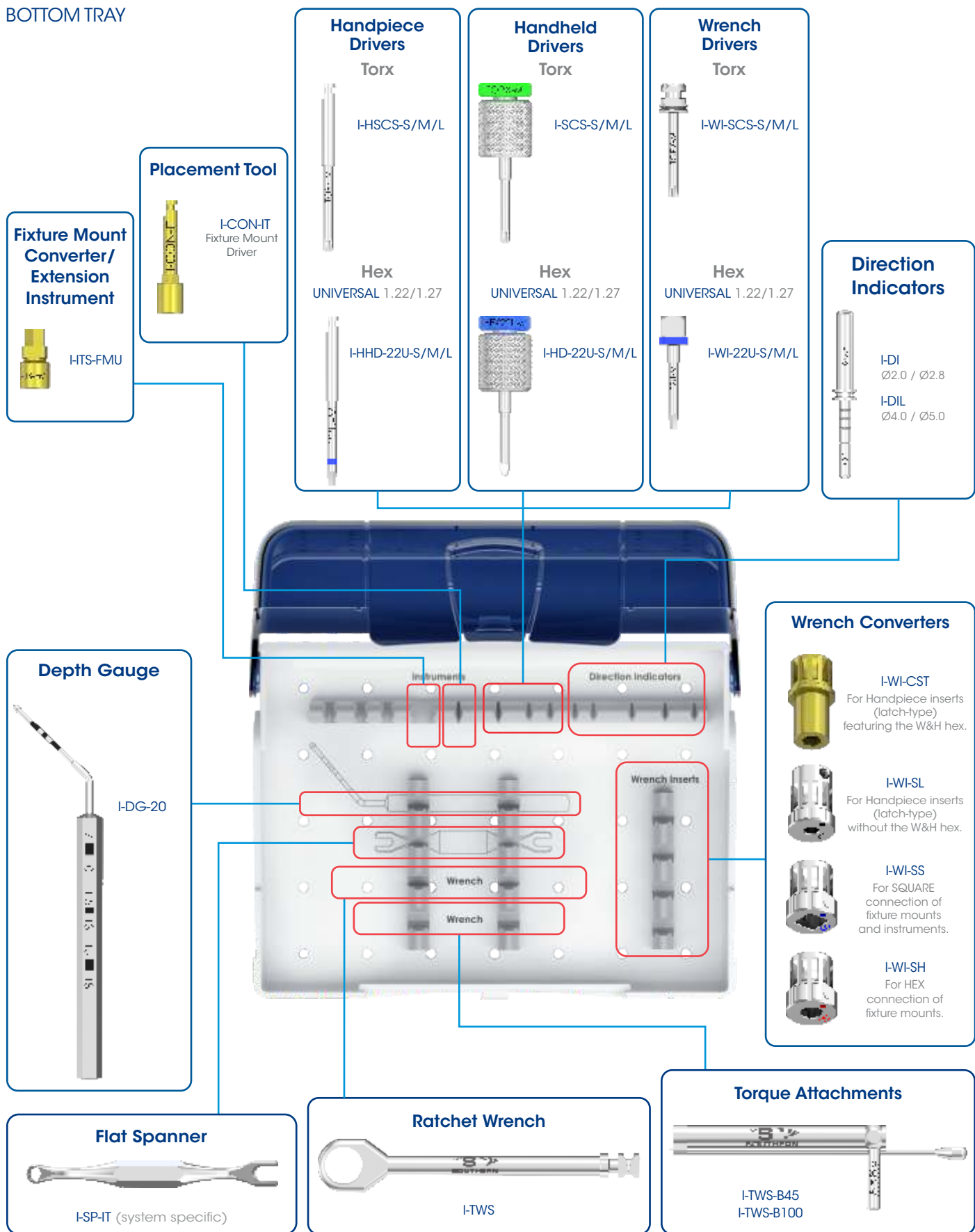
NOTE:

- 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



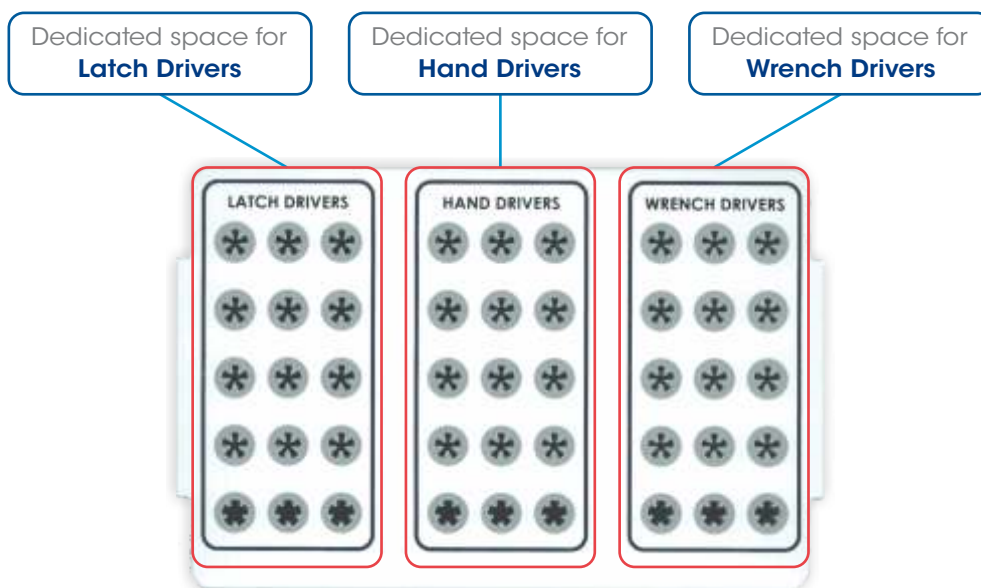
BOTTOM TRAY



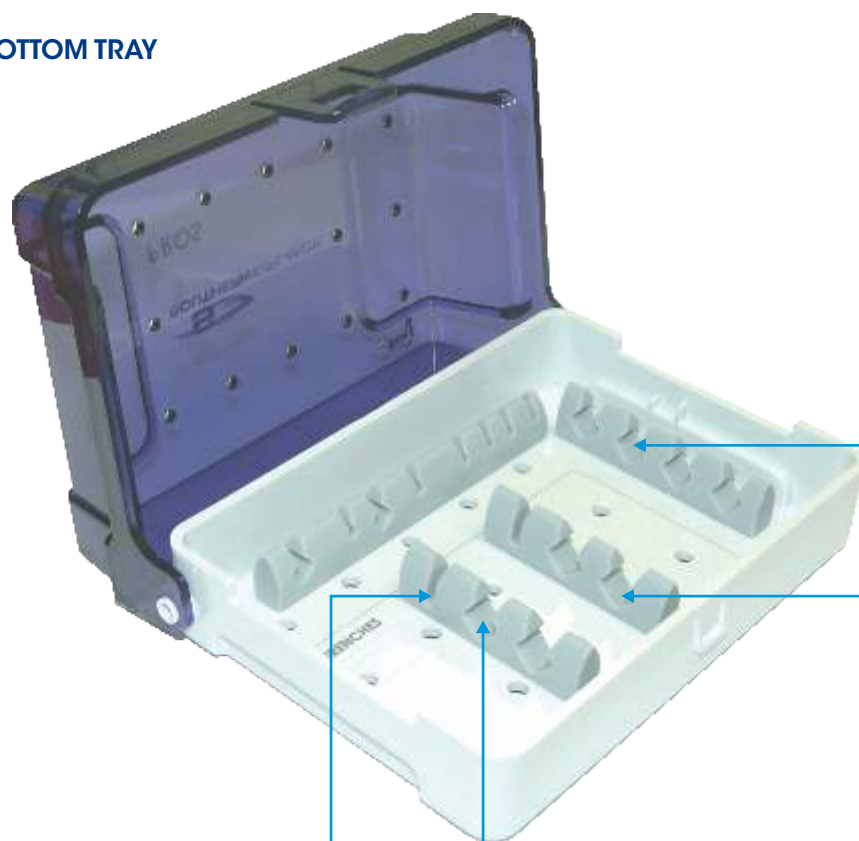
NOTE:

- 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 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.
- I-WI-SS**
For SQUARE connection of fixture mounts and instruments.
- I-WI-SH**
For HEX connection of fixture mounts.

Flat Spanner

I-SP-IT (system specific)

Ratchet Wrench

I-TWS

Torque Attachments

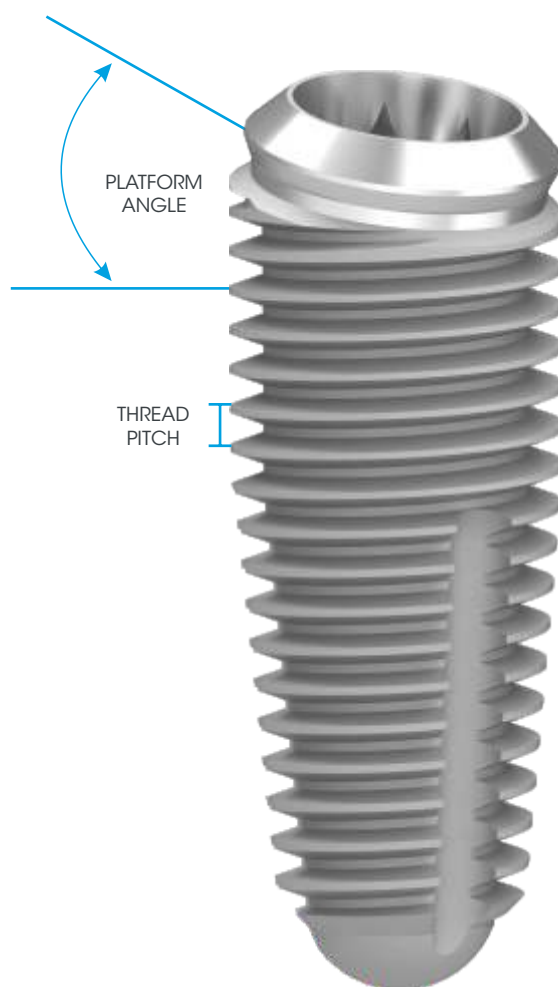
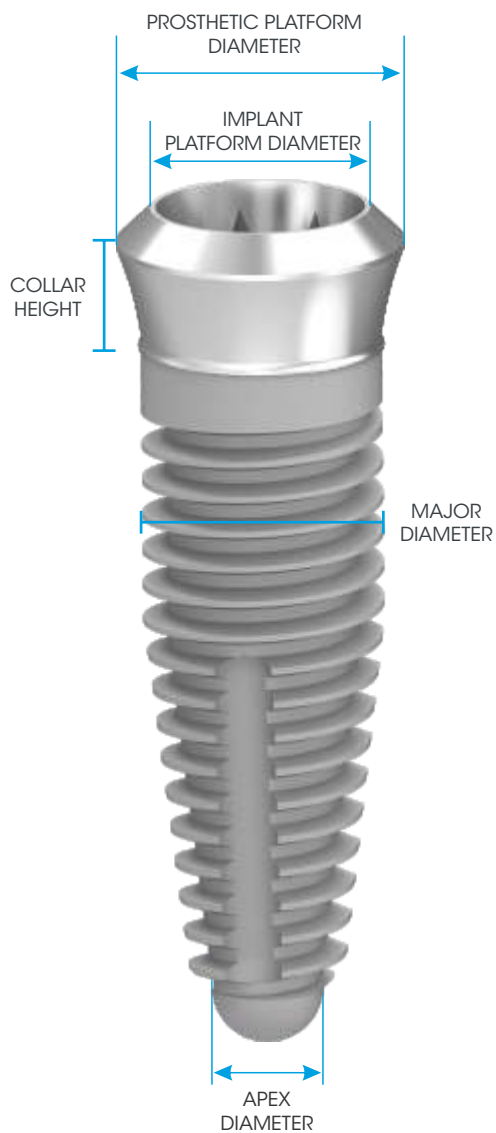
I-TWS-B45
I-TWS-B100

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.

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)	Ø3.3 mm	3.3	3.67	Ø4.8 mm	3.11	2.36	1.0	2.75	C		✓	✓	✓	✓	✓
ITC4 (F)	Ø4.1 mm	4.1	3.67	Ø4.8 mm	3.11	2.36	1.25	3.5	C		✓	✓	✓	✓	✓
ITT4 (F)	Ø4.0 mm	4.0	3.67	Ø4.8 mm	3.11	2.36	0.6	1.85	T			✓	✓	✓	✓
ITC5F	Ø4.9 mm	4.9	3.67	Ø4.8 mm	3.11	2.36	1.25	4.3	C		✓	✓	✓	✓	✓
ITT5(F)	Ø5.0 mm	5.0	3.67	Ø4.8 mm	3.11	2.36	0.6	3.0	T			✓	✓	✓	✓
ITC6-5F	Ø4.9 mm	4.9	5.0	Ø6.5 mm	3.11	2.55	1.25	4.3	C		✓	✓	✓	✓	
ITT6-5 (F)	Ø5.0 mm	5.0	5.0	Ø6.5 mm	3.11	2.55	0.6	3.0	T			✓	✓	✓	
ITT6F	Ø6.0 mm	5.7	5.0	Ø6.5 mm	3.11	2.55	0.8	4.5	T			✓	✓	✓	
ITST12D-4F	Ø4.0 mm	4.0	3.67	Ø4.8 mm	3.11	1.365	0.6	1.85	T	12°		✓	✓	✓	✓
ITST12D-5F	Ø5.0 mm	5.0	3.67	Ø4.8 mm	3.11	1.0	0.6	2.8	T	12°		✓	✓	✓	✓
											7	9	11		
MAXIT7F	Ø7.0 mm	7.0	3.67	Ø4.8 mm	3.11	1.25	0.8	4.44	T		✓	✓	✓		
MAXIT8F	Ø8.0 mm	8.0	5.0	Ø6.5 mm	3.11	1.28	0.8	3.94	T		✓	✓	✓		
MAXIT9F	Ø9.0 mm	9.0	5.0	Ø6.5 mm	3.11	1.43	0.8	4.94	T		✓	✓	✓		



NOTE:

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

COUNTERSINKS

A countersink is a surgical instrument designed to enlarge the diameter of the proximal portion of a hole drilled in bone in order to reseat the top of the implant or abutment within the bone (enable to lie flush with or below the crestal bone surface).

Counter sinks have laser marked lines in the cutting part to indicate depth of counter sinking.

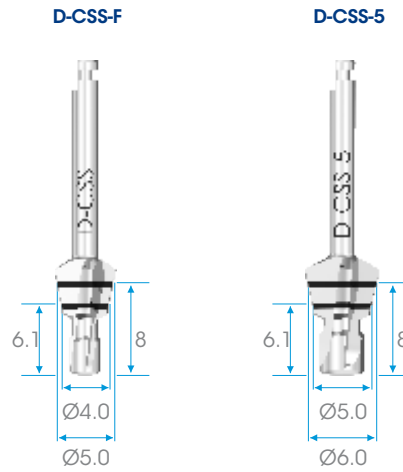
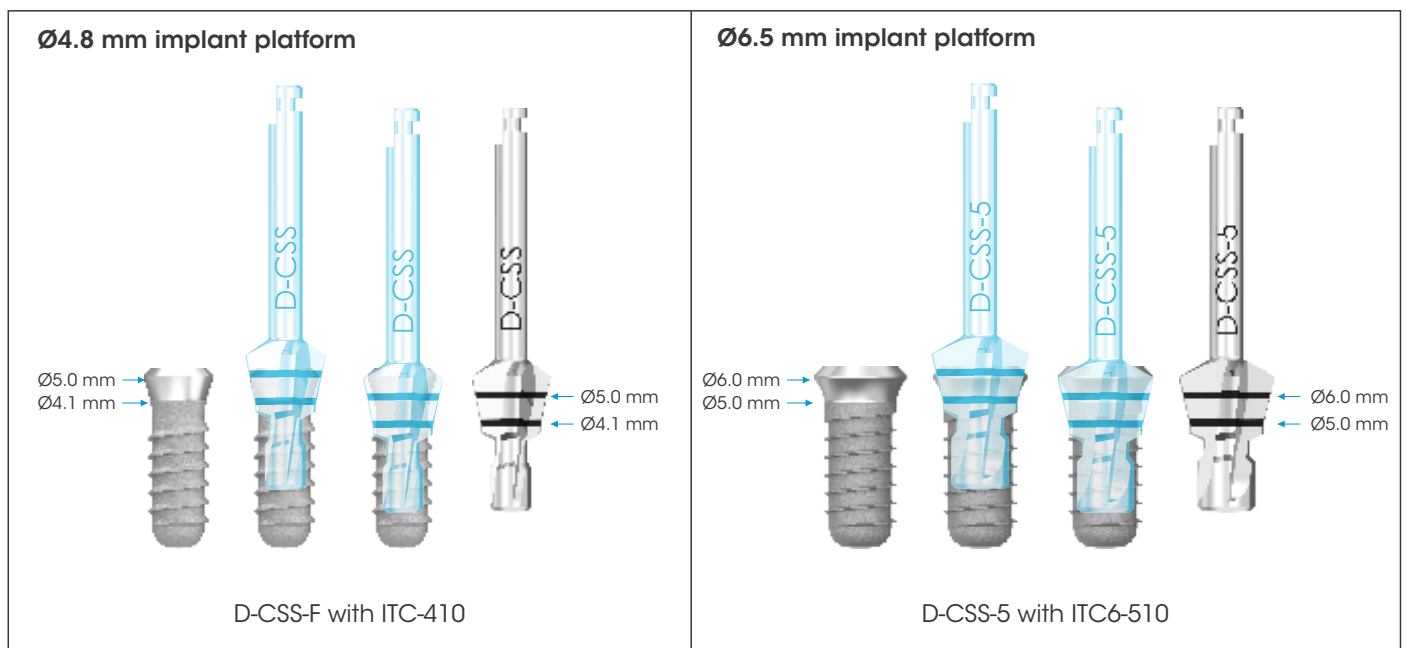


Fig. 1

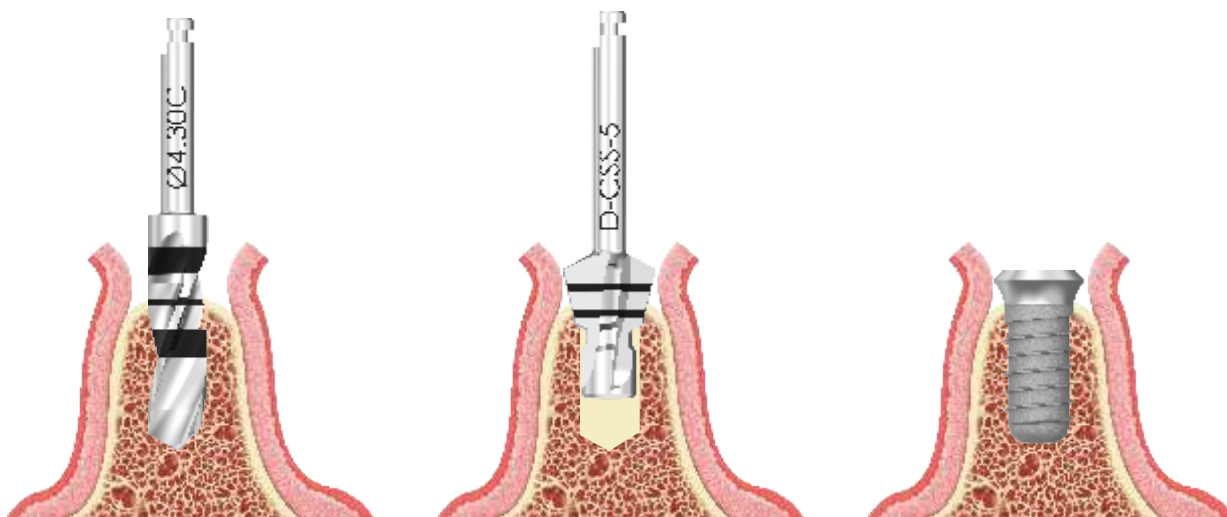


COUNTERSINKS

Southern Implants® provides the user with countersinks for when the implant is placed subcrestal, or to seat the implant platform at bone level. All drilling is performed at speed of 1000 - 1500 rpm, with constant irrigation with sterile saline.

The lines on the countersink indicate the diameter and will determine the drilling depth according to surgical planning (fig. 2). Make sure to use a countersink compatible with the indicated drilling sequence according to the prosthetic interface and dimensions of the planned implant.

Fig. 2



Co-Axis®

When placing a Co-Axis® implant, depending on the gap between the planned implant and the palatal bone plate, deeper countersinking may be appropriate to avoid interference of bone when seating the implant and removal of the fixture mount (fig. 3).

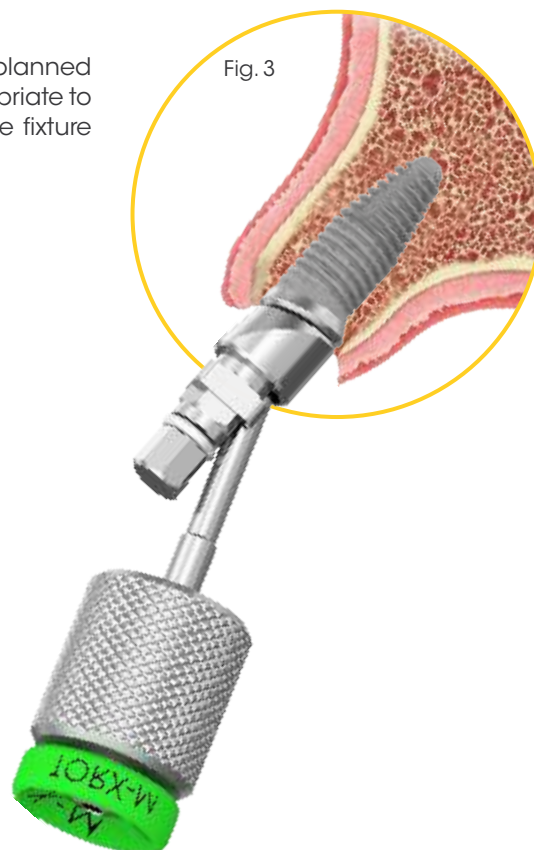


Fig. 3

Implant placement with Placement Tools

Pick-up and Placement Procedure

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

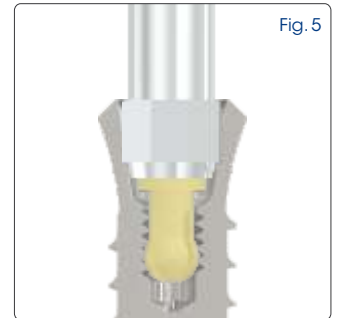
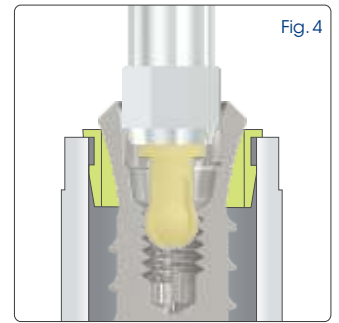
The octagons on the I-HITS and those of the implant might not line-up and this may result in them not engaging. The placement tool will, however pick-up the implant (fig.4).

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.5).

If they do not engage:

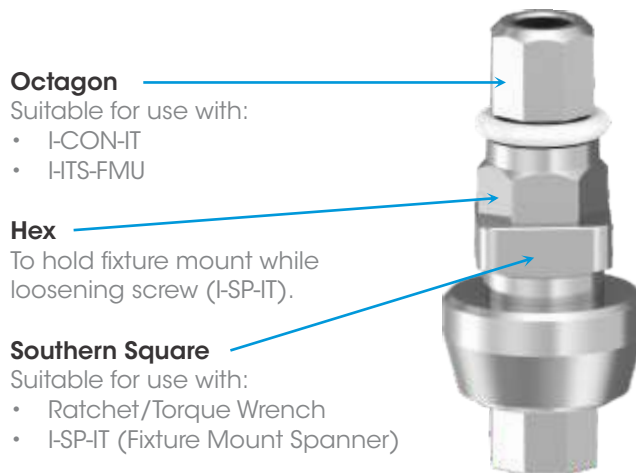
- Change the direction of the rotation.
- Rotate the implant very slightly (half a turn).
- Change the direction again. Only when fully engaged, start screwing the implant into bone.



NOTE: the PEEK bits (I-PBIT-2) should be replaced on a regular basis (items sold separately). General wear and 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.



I-CON-IT



HTS-FMU



I-RATCHET-2



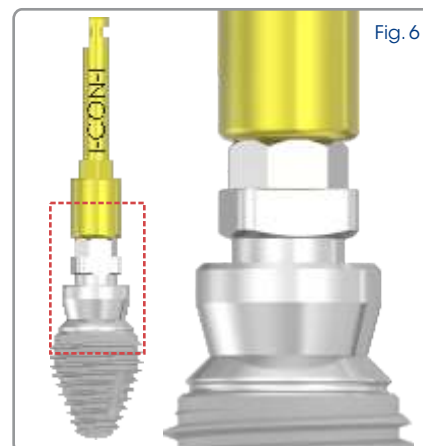
I-SP-IT



Placement with Southern Handpiece Driver (I-CON-HT)

The I-CON-HT is used to pick up the implants from the product packaging (fig. 6).

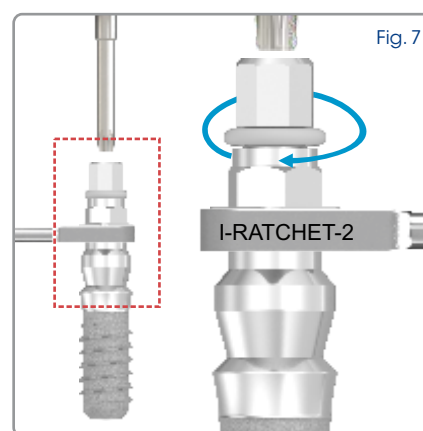
Use the I-CON-HT to drive the implant into the prepared site. Apply downward pressure, using an implant motor and handpiece, with a speed of 10- 15 rpm.



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.7).

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



Ø4.8 Interface

Ø6.0 Interface



TRY-SYN15D-C
TRY-SYN15D-F

TRY-SYN20D-C
TRY-SYN20D-F

TRY-SYN615D-C
TRY-SYN615D-F























TRY-SYN620D-C
TRY-SYN620D-F

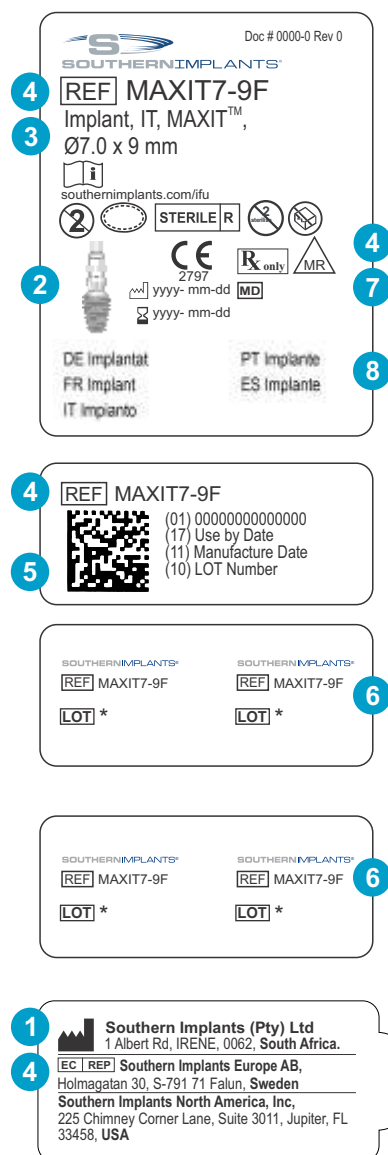
C - a corner of the octagon indicating the angulation of the cylinder (fig. 8).
F - a flat of the octagon indicating the angulation of the cylinder (fig. 9).



EXPLANATION OF SYMBOLS

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

- 1  Manufacturer
- 2  Implant image
- 3  Implant details and size
- 4  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
- 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.
- 8  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

For more information scan the below



to contact your Southern Implants Representative
or visit southernimplants.com



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