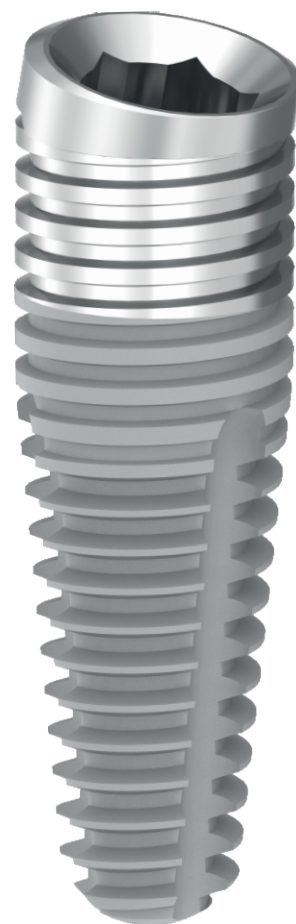




**SOUTHERNIMPLANTS®**

Innovative Treatment Solutions

**PROVATA®** 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](http://SOUTHERNIMPLANTS.COM)

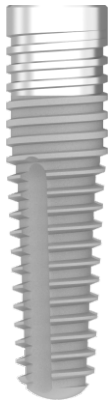
**NOTE:**

- 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.

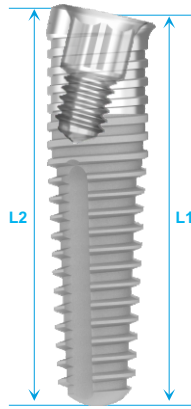
**PROVATA®**

**Ø3.3mm**

 Restore with Narrow interface components



MSC-PRO3xx



MSC-PRO12D3xx

(where xx is implant length)

**Implants are available in lengths of:**

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

ITEM CODE MSC-TAPERED	IMPLANT LENGTHS (in mm)
MSC-PRO308	8.5
MSC-PRO310	10
MSC-PRO311	11.5
MSC-PRO313	13
MSC-PRO315	15
MSC-PRO318	18



ITEM CODE MSC-TAPERED	IMPLANT LENGTHS (in mm)	
	L1	L2
MSC-PRO12D308	8.5	8.8
MSC-PRO12D310	10	10.3
MSC-PRO12D311	11.5	11.8
MSC-PRO12D313	13	13.3
MSC-PRO12D315	15	15.3
MSC-PRO12D318	18	18.3

**Surgical Components**

**Cover Screw**

**Healing Abutments**

CS-3M



HA-3M-35



3/4/6 lengths

HA-3M-45



3/4/6 lengths

# Prosthetic Flowchart

## Direct

### Healing Abutments

HA-3M-35



3 / 4 / 6

HA-3M-45



3 / 4 / 6

### Multi-purpose Impression coping & Scan flag

SFT-PRO3  
(transfer & scan flag)



SFT-PRO3 packaged with both a retaining screw (TS-Z-16) and an impression coping pin (CT-3M-S), depending on the clinician's preference for impression taking (pick-up, transfer or via scanning).



(pick-up)



(transfer & scan flag)

LA-3M



**DIRECT**  
Abutments

LAD-3M



(digital analogue)

**PASSIVE**  
Abutments

### Prosthetic Components

TC-3M  
(engaging)  
TC-3NM  
(non-engaging)



Titanium

PKC-3M-2  
(engaging)  
PKC-3NM-2  
(non-engaging)



PEEK\*

\*Screw torque:  
15Ncm

PA-3EM-S  
(engaging)  
PA-3NM-S  
(non-engaging)



### Passive Abutment Screws

PA-M-16T



Titanium  
(1.27 Hex)

TORQUE:  
32Ncm

PA-M-16B\*



Brass  
(1.27 Hex)

\* (Blackened and for laboratory use only)

### Retaining Screws

TS-Z-16



Titanium  
(1.27 Hex)

TORQUE:  
32Ncm

BS-Z-16\*



Brass  
(1.27 Hex)

\* (Blackened and for laboratory use only)

## INDIRECT

### Compact Conical Abutments

MC-3M



1 / 3 / 5

MC-3M-20d\*



\* Packed with  
TS-Z-MC-16

HMC



4 / 6

OR

HMCT7



4 / 6

CMC1  
(pick-up)



CMC2  
(transfer)



CMC-ZG-2  
(transfer)



SFT-MC-48  
(scanning flag)



Titanium

LSMC1



LAD-MC



(digital analogue)

GMC1



Gold

TMC1 / 5



Titanium  
TMCSL  
(long version)

PKC-MC



PEEK\*

\*Screw torque:  
10 - 15Ncm

TIB-MC-48  
(titanium scanning abutment)



PA-MC-48  
(passive abutment)



**1 Series**  
Screws

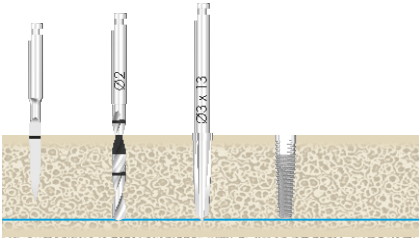
TORQUE:  
10 - 15Ncm

## Ø3.3mm Tapered (MSC-PRO3)

(illustrations are for 13mm implants)

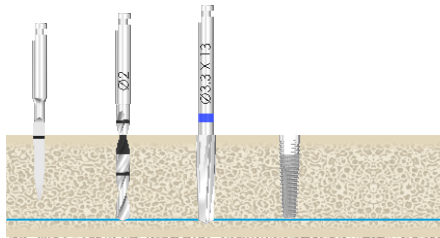
### Soft Bone

D-3Spode-1.8M  
Ø2.0mm  
Ø3.0mm



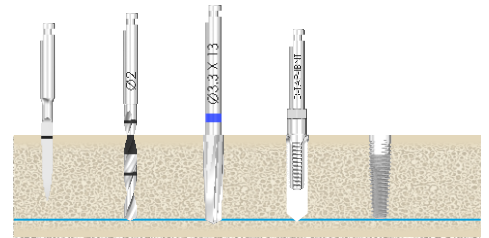
### Medium Bone

D-3Spode-1.8M  
Ø2.0mm  
Ø3.3mm



### Dense Bone

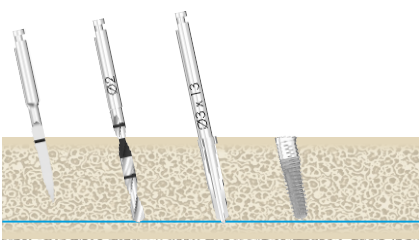
D-3Spode-1.8M  
Ø2.0mm  
Ø3.3mm  
D-TAP-IBNT



## Ø3.3mm Co-Axis® (MSC-PRO12D3)

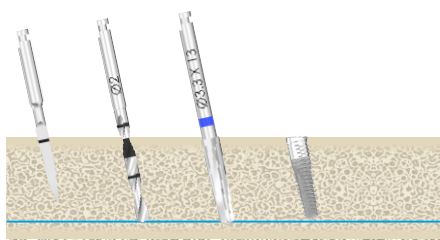
### Soft Bone

D-3Spode-1.8M  
Ø2.0mm  
Ø3.0mm



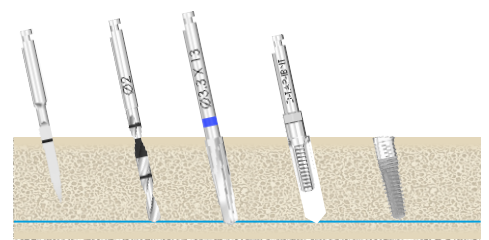
### Medium Bone

D-3Spode-1.8M  
Ø2.0mm  
Ø3.3mm



### Dense Bone

D-3Spode-1.8M  
Ø2.0mm  
Ø3.3mm  
D-TAP-IBNT



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



**PROVATA®**

**Ø4.0mm**

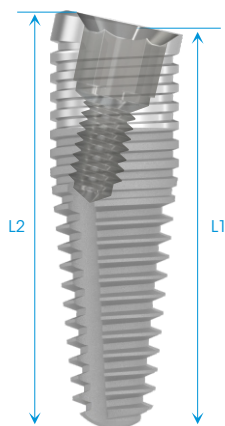
**Ø5.0mm**

## Ø4.0mm Implants (Tapered)

 Restore with Standard interface components



MSC-PRO4xx



MSC-PRO12D4xx

(where xx is implant length)

### Implants are available in lengths of:

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

ITEM CODE TAPERED	MSc-TAPERED	IMPLANT LENGTHS (in mm)
PRO406	MSc-PRO406	6
PRO408	MSc-PRO408	8.5
PRO410	MSc-PRO410	10
PRO411	MSc-PRO411	11.5
PRO413	MSc-PRO413	13
PRO415	MSc-PRO415	15
PRO418	MSc-PRO418	18



ITEM CODE TAPERED	MSc-TAPERED	IMPLANT LENGTHS (in mm)	
		L1	L2
PRO12D408	MSc-PRO12D408	8.5	8.8
PRO12D410	MSc-PRO12D410	10	10.3
PRO12D411	MSc-PRO12D411	11.5	11.8
PRO12D413	MSc-PRO12D413	13	13.3
PRO12D415	MSc-PRO12D415	15	15.3
PRO12D418	MSc-PRO12D418	18	18.3

## Surgical Components

### Cover Screw

### Healing Abutments

CS-M



HA-M-37



3/4/6  
lengths

HA-M-45



3/4/6  
lengths

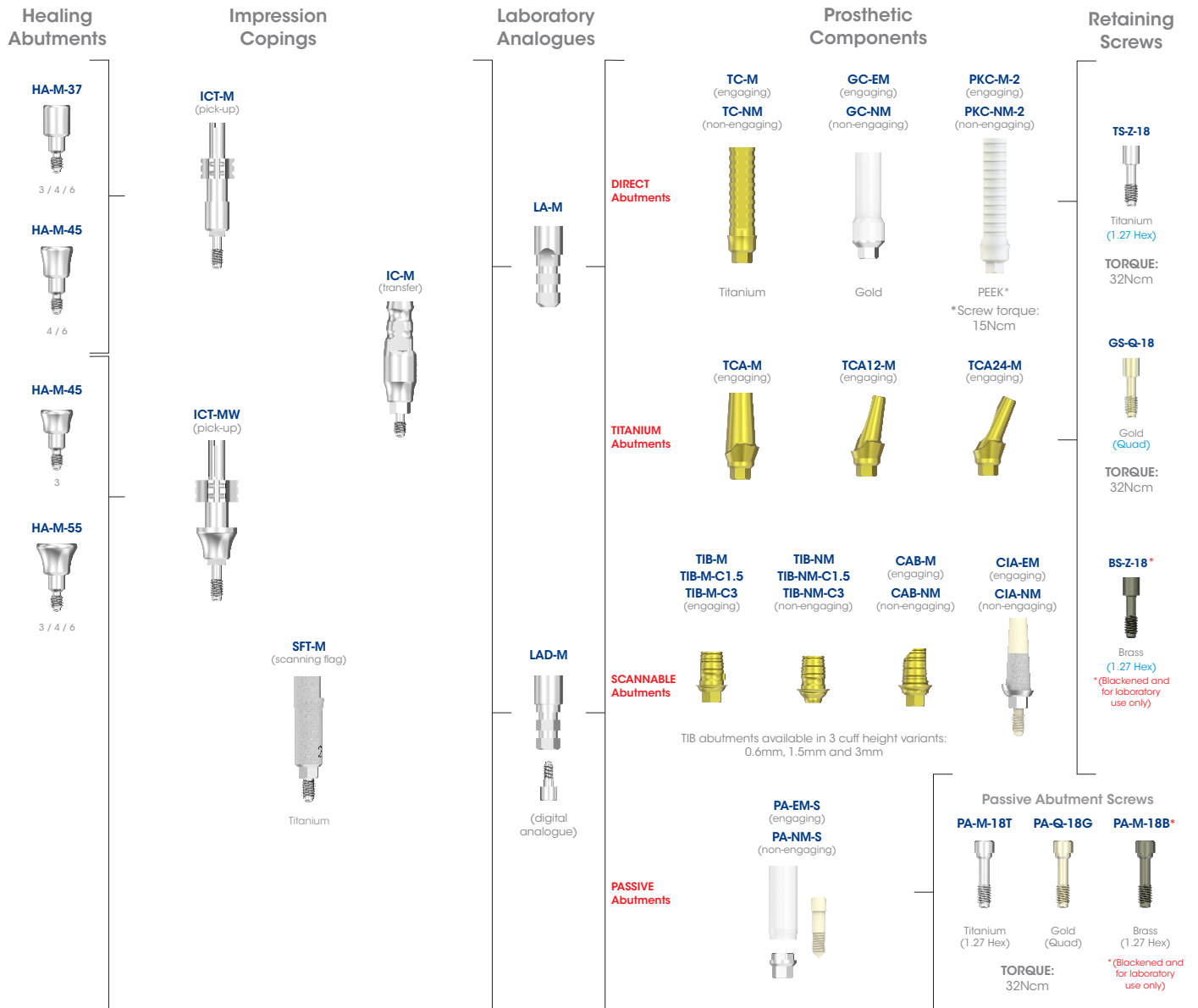
HA-M-55



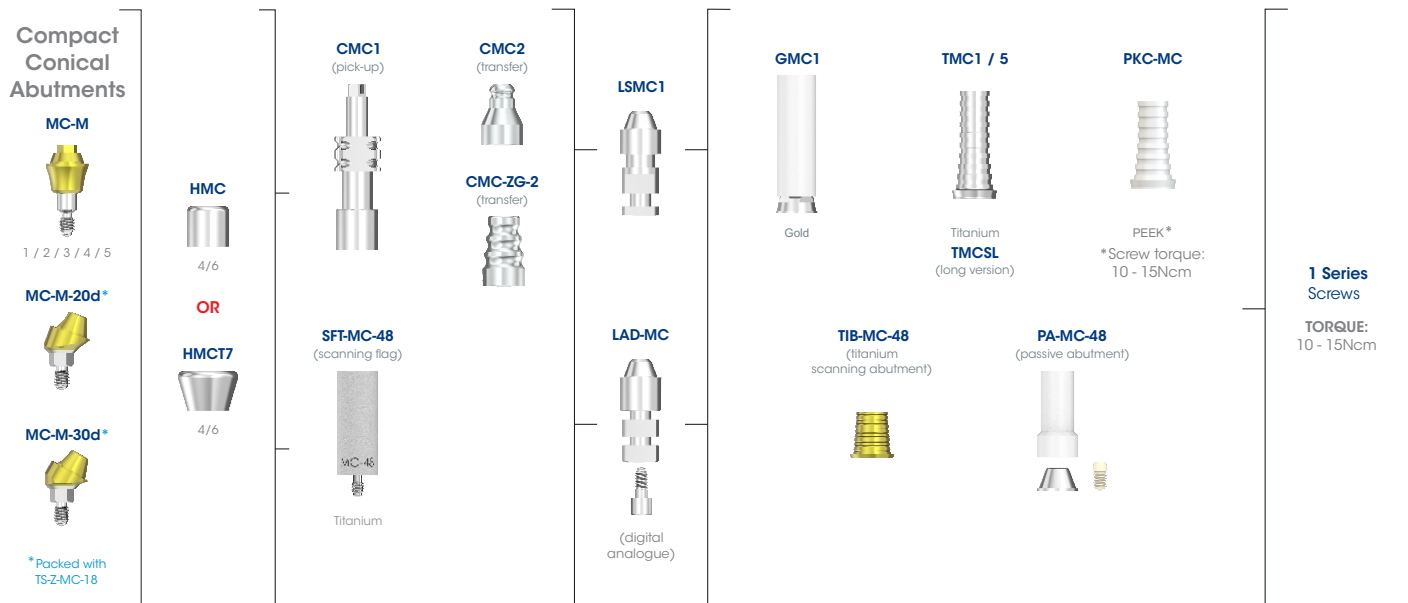
3/4/6  
lengths

# Prosthetic Flowchart

## DIRECT



## INDIRECT



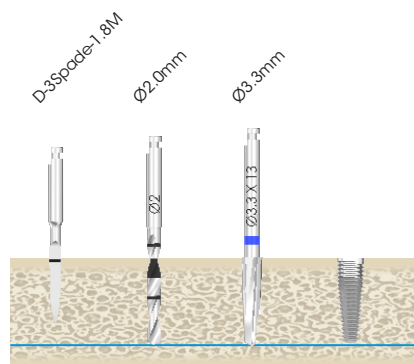
NOTE: For Equator Overdenture Abutments refer to CAT-1189.

## Site Preparation Sequence

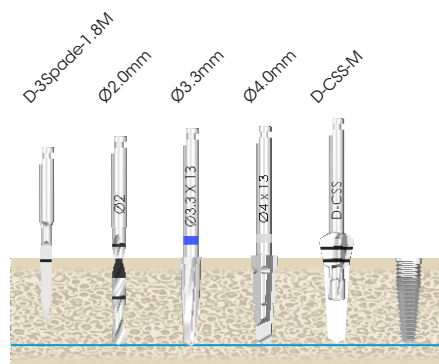
### Ø4.0mm Tapered (MSC-PRO4)

(illustrations are for 13mm implants)

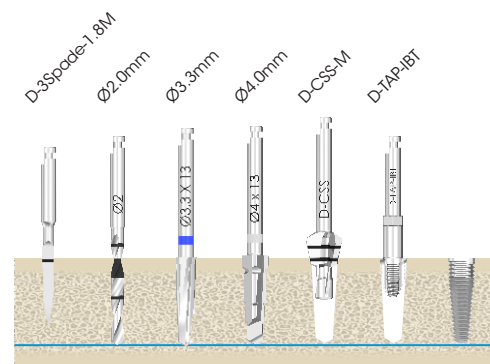
#### Soft Bone



#### Medium Bone



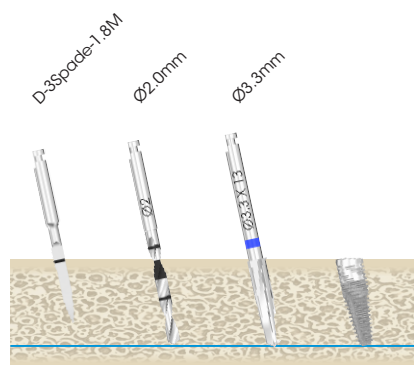
#### Dense Bone



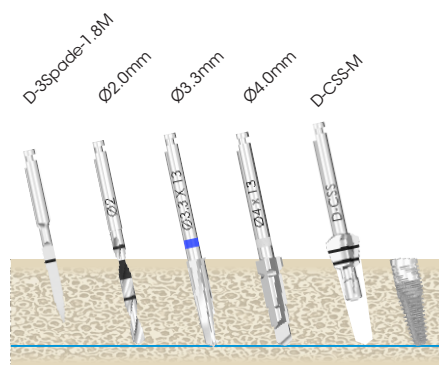
### Ø4.0mm Tapered Co-Axis® (PRO12D4 / MSC-PRO12D4)

(illustrations are for 13mm implants)

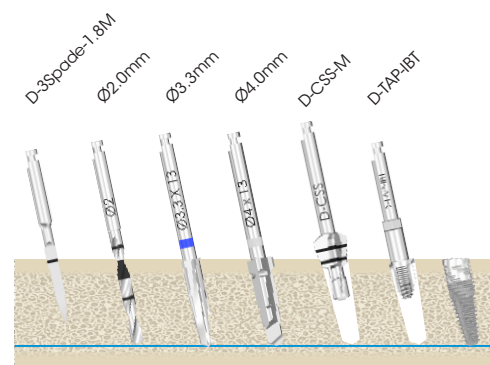
#### Soft Bone



#### Medium Bone



#### Dense Bone



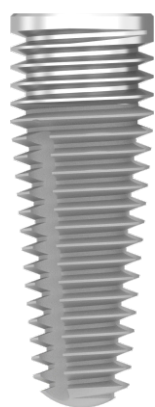
**NOTE:** Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.

**PROVATA®**  
**Ø5.0mm**

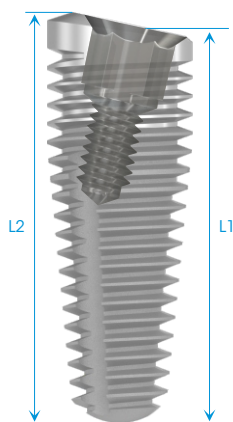
**PROMAX®**  
**Ø6.0mm**

(Standard Interface)

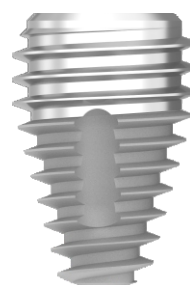
 Restore with Standard or Platform Matched interface components



MSC-PRO5xx



MSC-PRO12D5xx



MSCPROMAX6xx

(where xx is implant length)

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

ITEM CODE TAPERED	MSc-TAPERED	IMPLANT LENGTHS (in mm)
PRO508	MSc-PRO508	8.5
PRO510	MSc-PRO510	10
PRO511	MSc-PRO511	11.5
PRO513	MSc-PRO513	13
PRO515	MSc-PRO515	15
PRO518	MSc-PRO518	18

ITEM CODE TAPERED	MSc-TAPERED	IMPLANT LENGTHS (in mm)
PROMAX607	MSc-PROMAX607	7
PROMAX609	MSc-PROMAX609	9
PROMAX611	MSc-PROMAX611	11



ITEM CODE TAPERED	MSc-TAPERED	IMPLANT LENGTHS (in mm)	
		L1	L2
PRO12D508	MSc-PRO12D508	8.5	8.8
PRO12D510	MSc-PRO12D510	10	10.3
PRO12D511	MSc-PRO12D511	11.5	11.8
PRO12D513	MSc-PRO12D513	13	13.3
PRO12D515	MSc-PRO12D515	15	15.3
PRO12D518	MSc-PRO12D518	18	18.3

## Surgical Components

### Cover Screw

CS-M



### Healing Abutments

#### Standard Interface

HA-M-37

Ø3.7



3/4/6 lengths

HA-M-45

Ø4.5



3/4/6 lengths

HA-M-55

Ø5.5



3/4/6 lengths

#### Platform Matched Interface

HA-M-P45

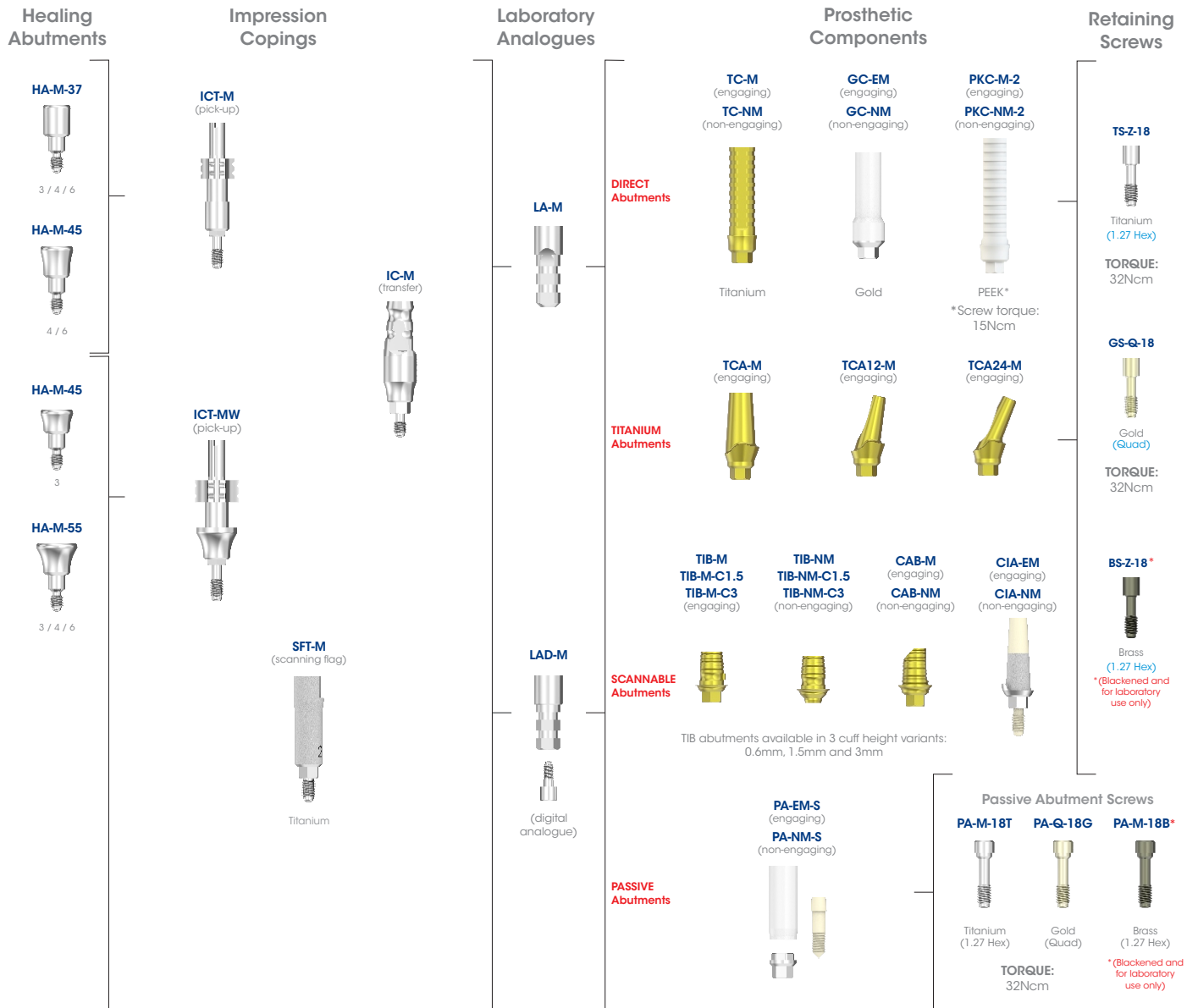
Ø5.5



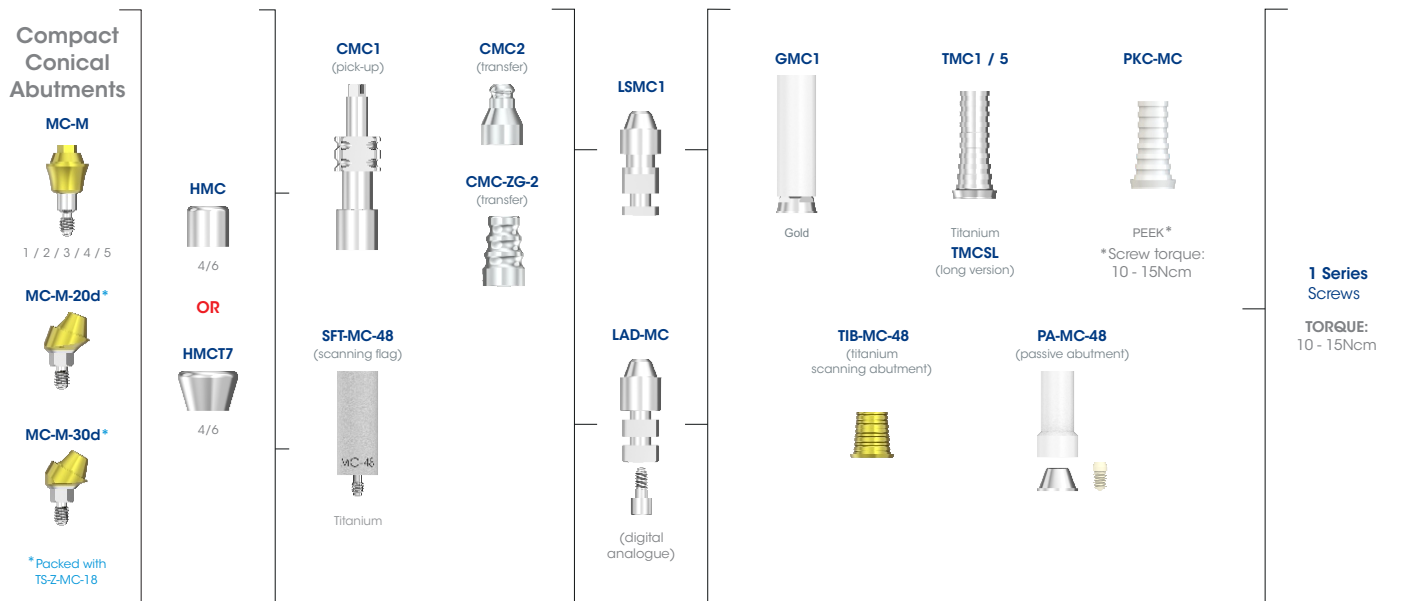
3 / 4 / 6 lengths

# Prosthetic Flowchart

## DIRECT



## INDIRECT



NOTE: For Equator Overdenture Abutments refer to CAT-1189.

**DIRECT**

Healing Abutments

HA-M-P45



3 / 4 / 6 lengths

Impression Copings

ICT-MW-P45  
(pick-up)



IC-MW-P45  
(transfer)



SFT-M  
(scanning flag)



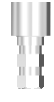
Titanium

Laboratory Analogues

LA-M-P45



LAD-M-P45



Digital Analogue

SCANNABLE Abutments

PASSIVE Abutments

Prosthetic Components

TIB-M-P45  
(engaging)



CAB-M-P45  
(engaging)



PA-EM-SP45  
(engaging)



Passive Abutment Screws

PA-M-18T



Titanium  
(1.27 Hex)

PA-Q-18G



Gold  
(Quad)

PA-M-18B\*



Brass  
(1.27 Hex)

TORQUE:  
32Ncm

\* (Blackened and for laboratory use only)

Retaining Screws

TS-Z-18



Titanium  
(1.27 Hex)

TORQUE:  
32Ncm

GS-Q-18



Gold  
(Quad)

TORQUE:  
32Ncm

BS-Z-18\*



Brass  
(1.27 Hex)

\* (Blackened and for laboratory use only)



## The Platform Matched Prosthetic Approach

In applications of the PROVATA® Ø5mm, Ø6mm and PROMAX® Ø6mm implants, the platform matched approach is suggested. This approach uses the maximum implant platform dimension, in order to give the single tooth prosthetics greater stability.

The platform matched approach is indicated when:

- restoring a single posterior tooth.
- the patient is known to have a very strong bite and bruxism is present.
- the occlusal table of the crown will be significantly larger than that of the implant and abutment (Fig. 1).
- excessive cantilevers can't be avoided (Fig. 2).

**Warning:** These platform matched prosthetics are not compatible with PROVATA® Ø4mm implants or PROVATA® Co-Axis®

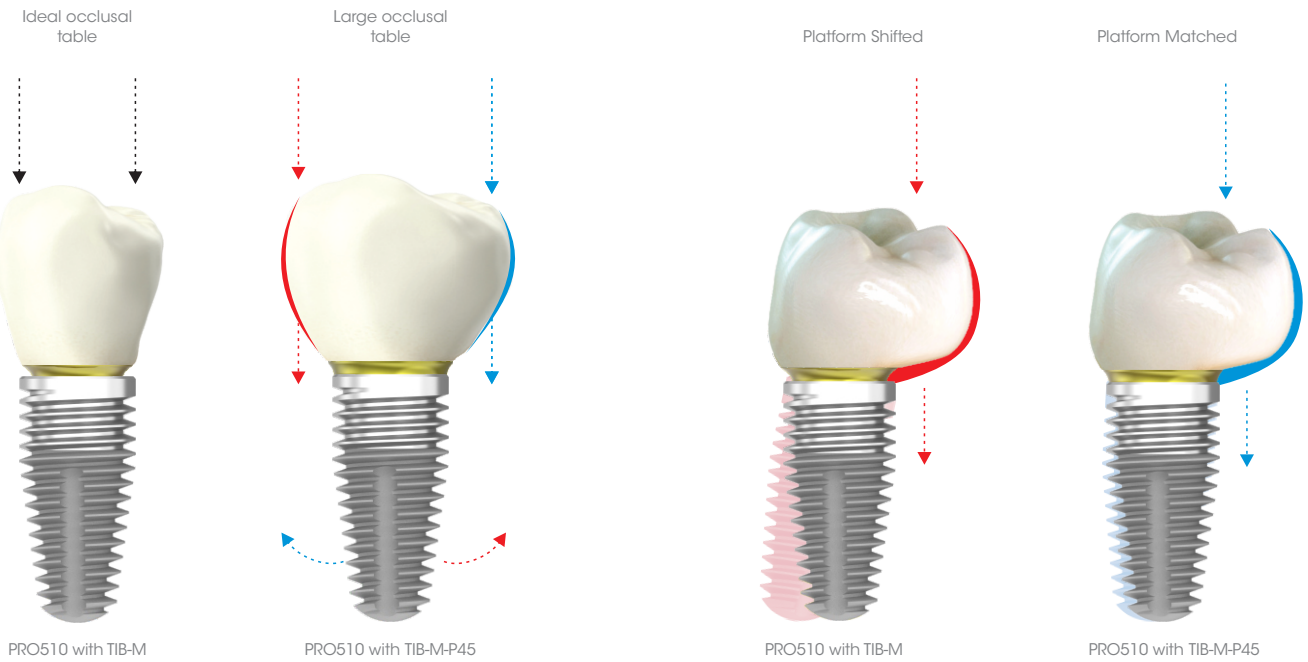
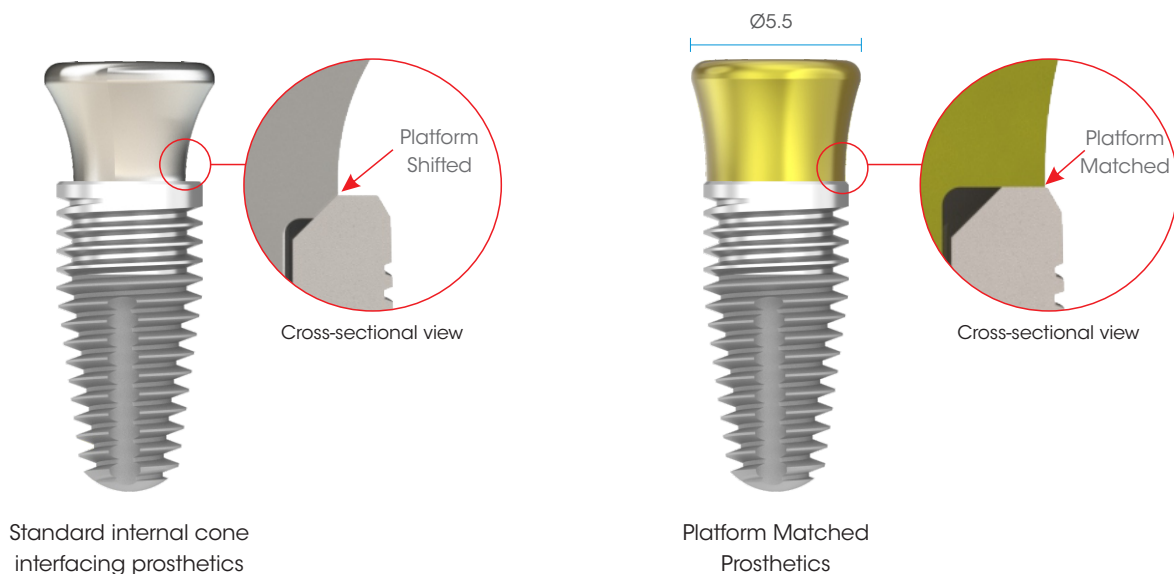


Fig 1: With large occlusal tables, maximise the platform dimension with platform matched components

Fig 2: Excessive cantilevers - Use platform matched components to compensate for non-ideal crown-implant ratios.



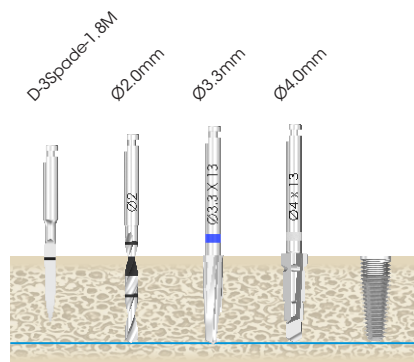
After case planning either the standard platform or platform matched workflow can be followed.

## Site Preparation Sequence

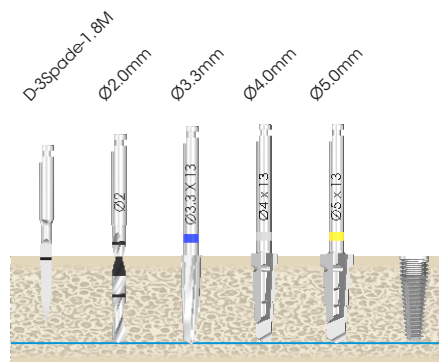
### Ø5.0mm Tapered (MSc-PRO5)

(illustration is for 13mm implants)

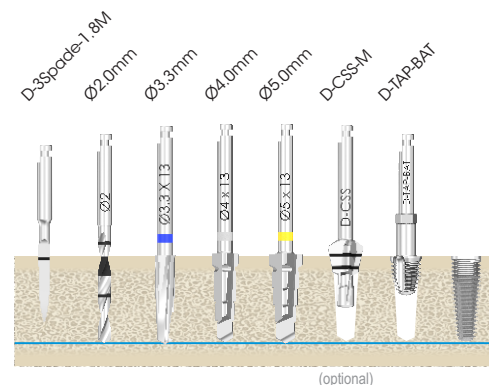
#### Soft Bone



#### Medium Bone

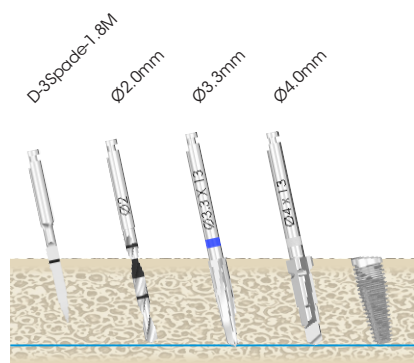


#### Dense Bone

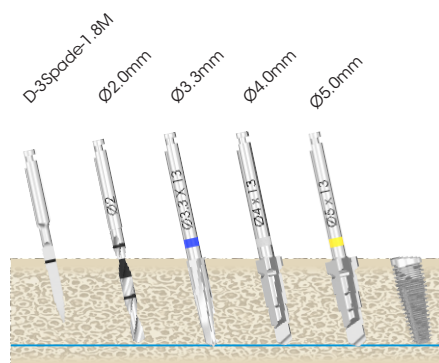


### Ø5.0mm Tapered Co-Axis® (PRO12D5 / MSC-PRO12D5)

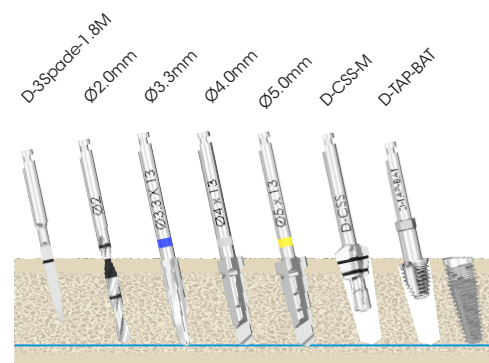
#### Soft Bone



#### Medium Bone

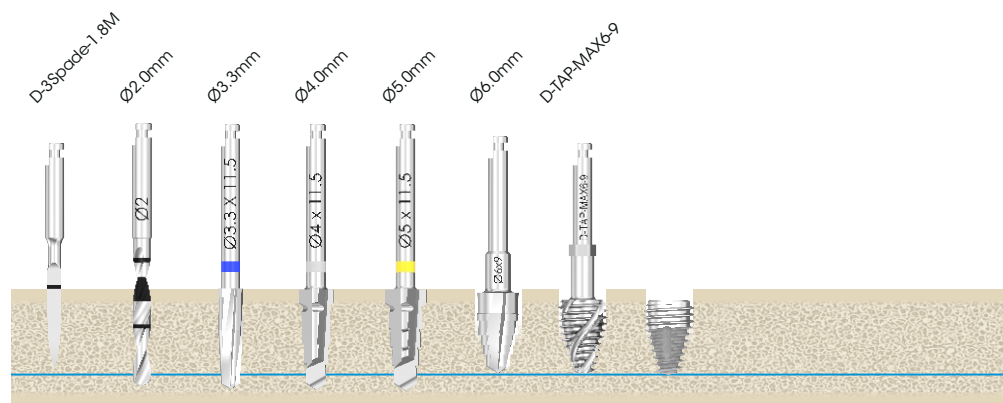


#### Dense Bone



### Ø6.0mm Tapered (MSC-PROMAX6)

(illustration is for 9mm implants)



#### NOTE:

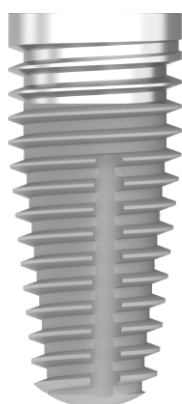
- Site preparation sequences recommended by Southern Implants do not replace the judgement and experience of the surgeon.
- Drill length of intermediate drills may differ from the length of definitive drills.

**PROVATA®**  
**Ø6.0mm**

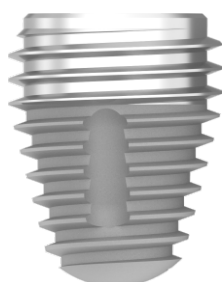
**PROMAX®**  
**Ø7.0mm**  
**Ø8.0mm**  
**Ø9.0mm**

(Wide Interface)

 Restore with Wide interface components



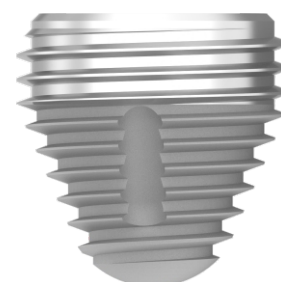
MSC-PRO6xx



MSC-PROMAX7xx



MSC-PROMAX8xx



MSC-PROMAX9xx

(where **xx** is implant length)

**Implants are available in lengths of:**

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

ITEM CODE TAPERED	IMPLANT LENGTHS (in mm)
MSC-PRO608	8.5
MSC-PRO610	10
MSC-PRO611	11.5
MSC-PRO613	13
MSC-PRO615	15

ITEM CODE TAPERED	IMPLANT LENGTHS (in mm)
PROMAX707	7
PROMAX709	9
PROMAX711	11

ITEM CODE TAPERED	IMPLANT LENGTHS (in mm)
MSc-PROMAX707	7
MSc-PROMAX709	9
MSc-PROMAX711	11

ITEM CODE TAPERED	IMPLANT LENGTHS (in mm)
PROMAX807	7
PROMAX809	9
PROMAX811	11

ITEM CODE TAPERED	IMPLANT LENGTHS (in mm)
MSc-PROMAX807	7
MSc-PROMAX809	9
MSc-PROMAX811	11

ITEM CODE TAPERED	IMPLANT LENGTHS (in mm)
PROMAX907	7
PROMAX909	9
PROMAX911	11

ITEM CODE TAPERED	IMPLANT LENGTHS (in mm)
MSc-PROMAX907	7
MSc-PROMAX909	9
MSc-PROMAX911	11

**Surgical Components**

**Cover Screw**

CS-Z



**Healing Abutments**

HA-Z6



3/6 lengths

HA-Z8



3/6 lengths

**Anatomically shaped abutments**

PKA-Z6-9



PEEK

PKA-Z8-11



PEEK

Retaining Screw sold separately (TS-Z-18)

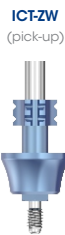
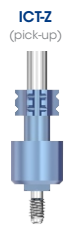
# Prosthetic Flowchart

## DIRECT

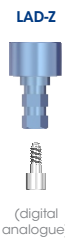
### Healing Abutments



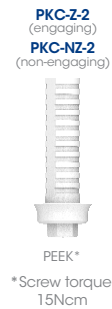
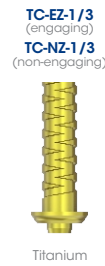
### Impression Copings



### Laboratory Analogues



### Prosthetic Components



DIRECT Abutments

TITANIUM Abutments

SCANNABLE Abutments

PASSIVE Abutments



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



### Passive Abutment Screws



TORQUE: 32Ncm

## INDIRECT

### Compact Conical Abutments



1 Series Screws  
TORQUE: 10 - 15Ncm

NOTE: For Equator Overdenture Abutments refer to CAT-1189.

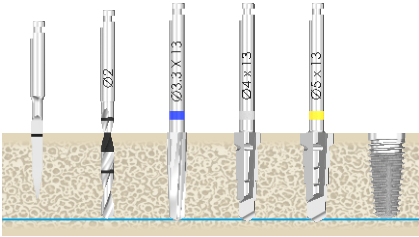
# Site Preparation Sequence

## Ø6.0mm Tapered (MSC-PRO6)

(illustration is for 13mm implants)

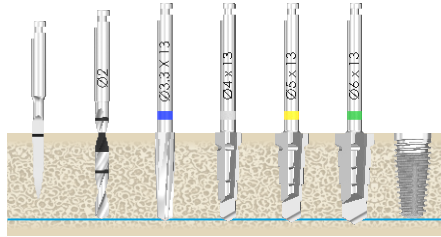
### Soft Bone

D-3Spode-1.8M  
Ø2.0mm  
Ø3.3mm  
Ø4.0mm  
Ø5.0mm



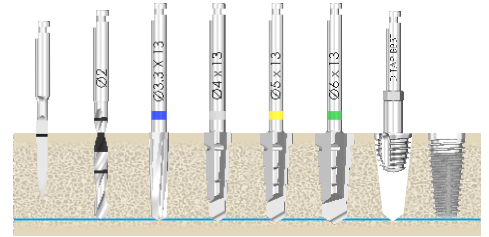
### Medium Bone

D-3Spode-1.8M  
Ø2.0mm  
Ø3.3mm  
Ø4.0mm  
Ø5.0mm  
Ø6.0mm



### Dense Bone

D-3Spode-1.8M  
Ø2.0mm  
Ø3.3mm  
Ø4.0mm  
Ø5.0mm  
Ø6.0mm  
D-1AP-B98T

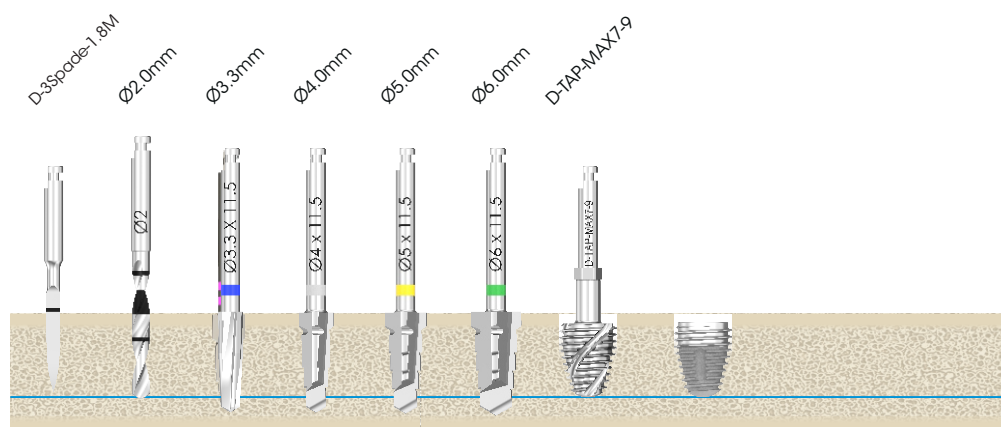


NOTE: Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.

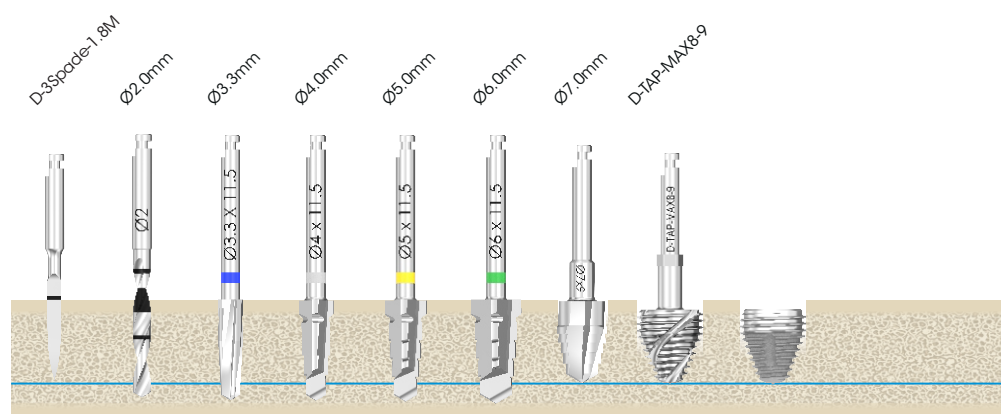
## Site Preparation Sequence

### Ø7.0mm Tapered (PROMAX7 / MSC-PROMAX7)

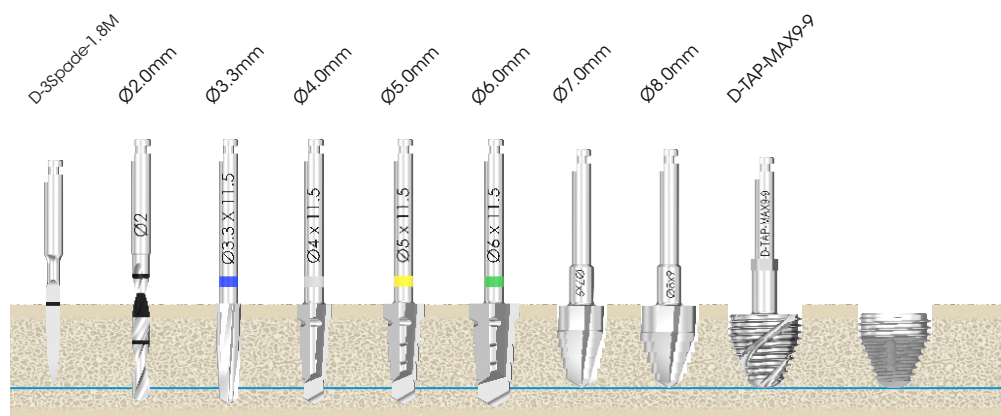
(Illustrations are for 9mm implants)



### Ø8.0mm Tapered (PROMAX8 / MSC-PROMAX8)



### Ø9.0mm Tapered (PROMAX9 / MSC-PROMAX9)



**NOTE:**

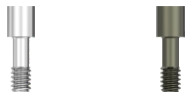
- Site preparation sequences recommended by Southern Implants do not replace the judgement and experience of the surgeon.
- Drill length of intermediate drills may differ from the length of definitive drills.

# TORQUE TABLE FOR SOUTHERN SCREWS

## 1.27 Hex Prosthetic screws

## Quad Prosthetic screws

M1.6



TS-Z-16

BS-Z-16\*

**TORQUE:**  
25-32Ncm  
**Head Diameter:**  
2.30mm  
Screw TORQUE with  
PEEK Prosthetics:  
15Ncm

M1.8



TS-Z-18

BS-Z-18\*

GS-Q-18

**TORQUE:**  
32Ncm  
**Head Diameter:**  
2.25mm  
Screw TORQUE with  
PEEK Prosthetics:  
15Ncm

## 1.27 Hex Passive Abutment screws

## Quad Passive Abutment screws

M1.6



PA-M-16T

PA-M-16B\*

**TORQUE:**  
25-32Ncm  
**Head Diameter:**  
2.20mm

M1.8



PA-M-18T

PA-M-18B\*

PA-Q-18G

**TORQUE:**  
32Ncm  
**Head Diameter:**  
2.60mm

## Digital Laboratory Analogue screw

1.22 Hex



LAD-S

Screw supplied with all Digital Analogues

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

## 1 Series screws (M1.4)

1.22 Hex



TSH1

GSH1

BSH1\*

Slotted



TSS1

GSS1

BSS1\*

Unigrip



TSU1

GSU1

**TORQUE:**  
10-15Ncm  
**Head Diameter:**  
2.25mm  
Screw TORQUE with  
PEEK Prosthetics:  
10 - 15Ncm

### 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.
- Refer to CAT-8068 for alternative slotted 1 Series screws.

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

## Screw Head Connections

Hex



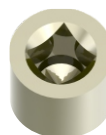
Slotted



Unigrip



Quad





## SFT-PRO3 Multi-Purpose Fixture Mount/Impression Coping/Scan Flag

SFT-PRO3 is a Multiple Purpose Fixture Mount which can be used as a fixture mount to transmit torque to the implant during placement as well as be used during manual and digital impression procedures to replicate the exact position and orientation of the respective dental implant or laboratory analogue.

### NOTE:

- Co-Axis® PRO3 implants use standard fixture mounts (NOT multi-purpose).
- SFT-PRO3 packaged with both a retaining screw (TS-Z-16) and an impression coping pin (ICT-3M-S), depending on the clinicians preference for impression taking (pick-up, transfer or via scanning)

**Fixture Mount**  
(for straight implants only)



### Use as a Fixture Mount

1. Connect the handpiece insertion tool (see CAT-8056) to the handpiece.
2. Engage the internal hex of the multiple purpose fixture mount with the insertion tool and carefully remove the implant-fixture mount assembly from the sterile vial. The hexagon of the insertion tool in the multiple purpose fixture mount must be fully engaged before torque is applied, to prevent any damage. The hexagon is fully engaged when the straight portion of the hexagon tool is almost completely sunken in the multiple purpose fixture mount.
3. Insert the implant at 15-20 rpm while applying downward pressure.
4. Once the implant is placed to the desired depth, remove the multiple purpose fixture mount by loosening the screw using the applicable driver (Table A).

**Table A**

Driver type	Connection Type - Internal Hex
1.22 mm / 1.27 mm Universal driver	√
1.27 mm hex driver	√

**Transfer coping and Scan Flag**



### Use as an Impression Coping – Transfer impression (closed tray technique)

1. Screw the multiple purpose fixture mount into the implant. Check proper fit and hand tighten the screw with the appropriate driver (Table A).
2. Use either a custom tray or stock tray (there is no need to cut opening into the tray as this is a closed tray technique).
3. Fill the impression tray with impression material and take the impression. Once the impression material has set remove the impression from the patient's mouth. If multiple implants are being restored, remove one multiple purpose fixture mount from the patient and insert the multiple purpose fixture mount into the impression. Proceed with restoration procedure as deemed necessary.

**NOTE:** it is important to place the multiple purpose fixture mount into the same opening in the material as it was orientated in the mouth.

### Use as a Scan Flag

Before placing the multiple purpose fixture mount ensure all items are clean and suitable for intraoral use.

1. Attach the matching multiple purpose fixture mount to the dental implant or lab analogue. Check proper fit and hand tighten the screw with the appropriate driver (Table B).
2. The patient is scanned using an intraoral scanner or the laboratory model is scanned using a desktop scanner. The seating of the multiple purpose fixture mount must be verified before intra-oral scanning procedures by an X-ray.
3. The multiple purpose fixture mount is removed from the implant or analogue.
4. The multiple purpose fixture mount in the digital form is now matched and aligned with the corresponding component from the library file that was imported into the software. 3Shape, Dental Wings and Exocad libraries can be downloaded after registering on [www.southernimplants.com](http://www.southernimplants.com).
5. The software recognises the position of the scan flag to the implant or analogue, allowing the software to know where to place the abutment for the design step.

**NOTE:** follow the instructions for use which are supplied by the scanner manufacturer for both handling of the scanning device as well as scanning procedures.

**Pick-up coping**




### Use as an Impression Coping – Pick-up impression (open tray technique)

1. Screw the multiple purpose fixture mount into the implant. Check proper fit and hand tighten the screw with the appropriate driver (Table A).
2. Use either a custom tray or stock tray (there is no need to cut opening into the tray as this is a closed tray technique).
3. Fill the impression tray with impression material and take the impression. Once the impression material has set remove the impression from the patient's mouth. If multiple implants are being restored, remove one multiple purpose fixture mount from the patient and insert the multiple purpose fixture mount into the impression. Proceed with restoration procedure as deemed necessary.


**NOTE:** it is important to place the multiple purpose fixture mount into the same opening in the material as it was orientated in the mouth.

TOP TRAY


**Counter Sink**  
D-CSS




**Counter Bore**  
D-CB-F  
D-CB-40M  
D-CB-50M



**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




**EXTERNAL HEX Dedicated Tapered Drills**


**Ø3.0**  
D-30TP-8.5  
D-30TP-10  
D-30TP-11.5  
D-30TP-13  
D-30TP-15




**Ø3.3**  
D-33TP-8.5  
D-33TP-10  
D-33TP-11.5  
D-33TP-13  
D-33TP-15  
D-33TP-18




**Ø4.0**  
D-40TP-6  
D-40TP-8.5  
D-40TP-10  
D-40TP-11.5  
D-40TP-13  
D-40TP-15  
D-40TP-18

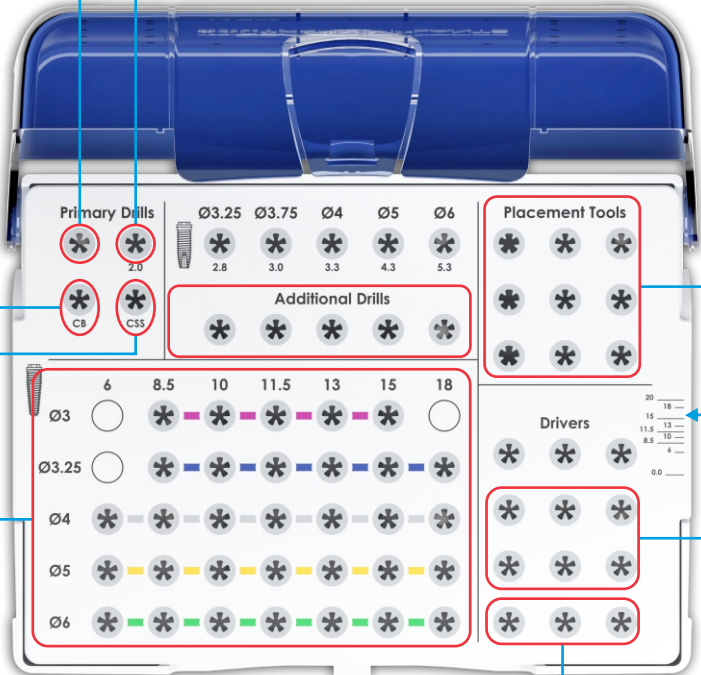


**Ø5.0**  
D-50TP-6  
D-50TP-8.5  
D-50TP-10  
D-50TP-11.5  
D-50TP-13  
D-50TP-15  
D-50TP-18



**Ø6.0**  
D-60TP-6  
D-60TP-8.5  
D-60TP-10  
D-60TP-11.5  
D-60TP-13  
D-60TP-15  
D-60TP-18





**Primary Drills**  
Ø3.25 2.8 3.0 3.3 4.3 5.3  
Ø3.75 3.0 3.3 4.3 5.3  
Ø4 3.3 4.3 5.3  
Ø5 4.3 5.3  
Ø6 5.3

**Additional Drills**  
6 8.5 10 11.5 13 15 18

**Placement Tools**

**Drivers**


Drill / Implant length measure

**Insertion Tools**

I-H3M-M/L  
I-WI-3M-S/M/L

I-HM-S/M/L  
I-WI-S/M/L

I-HZ-S/M/L  
I-WI-ZS/M/L






**Abutment Drivers (Hex)**

I-AD Handheld

I-HAD Handpiece Insert

I-WI-A Wrench Insert








**Hex Drivers**  
Universal 1.22/1.27

HEX22U-W  
I-HD-22U-S/M/L Handheld

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

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








**Quad Drivers**

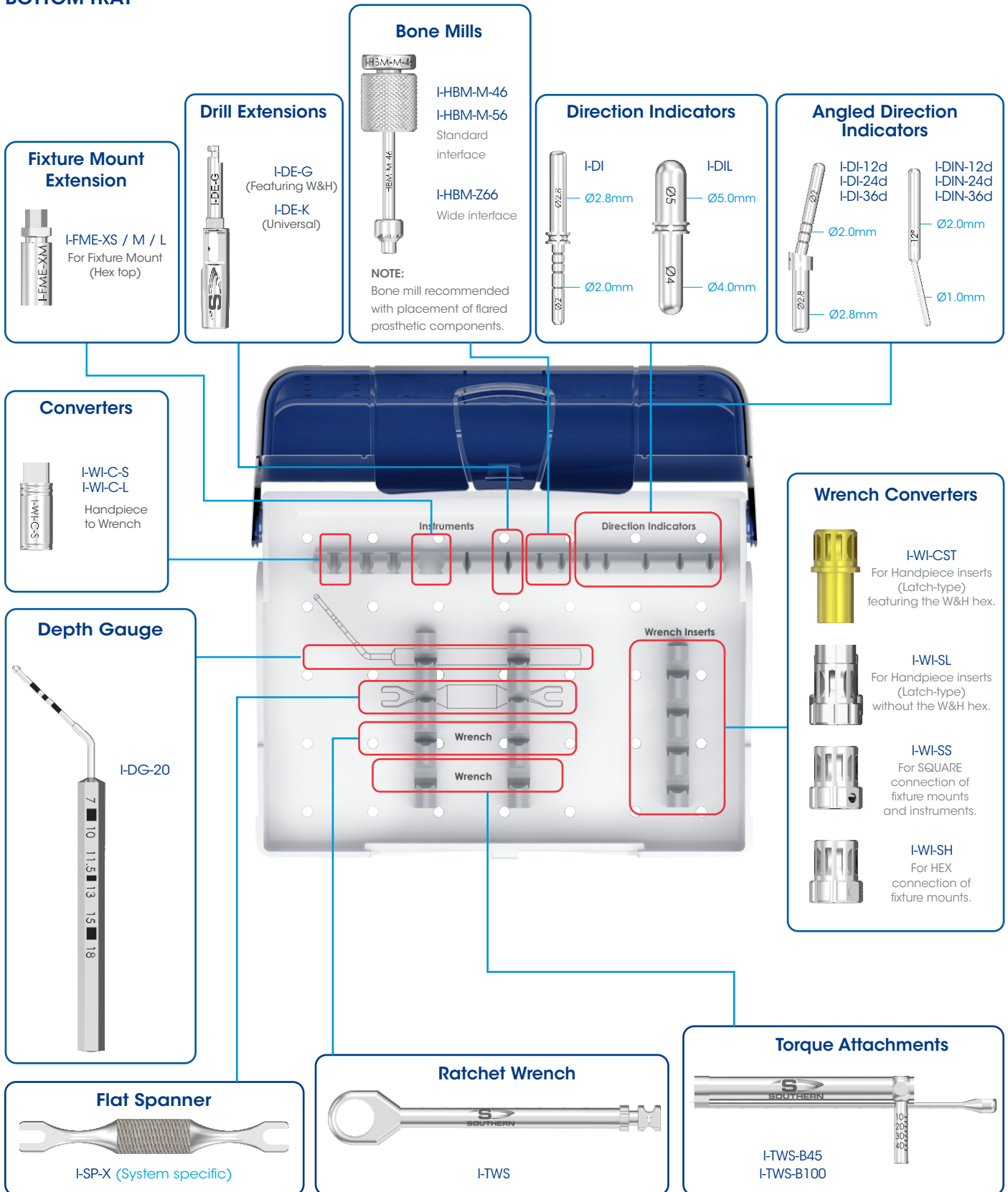
QJAD-W  
I-QDI-S/M/L Handheld

I-HQD-S/M/L Handpiece Insert

I-WI-QS/M/L Wrench Insert

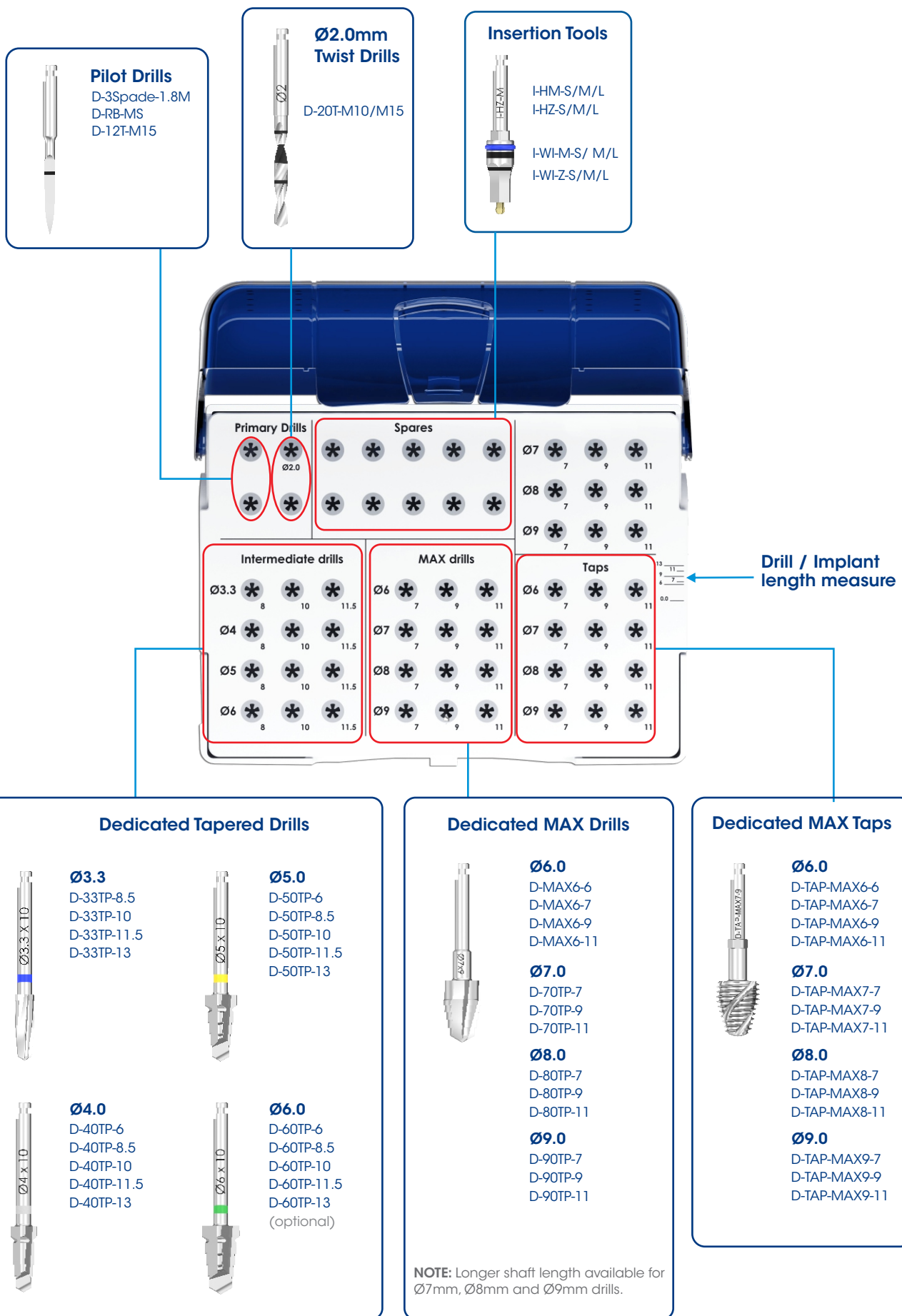
## BOTTOM TRAY



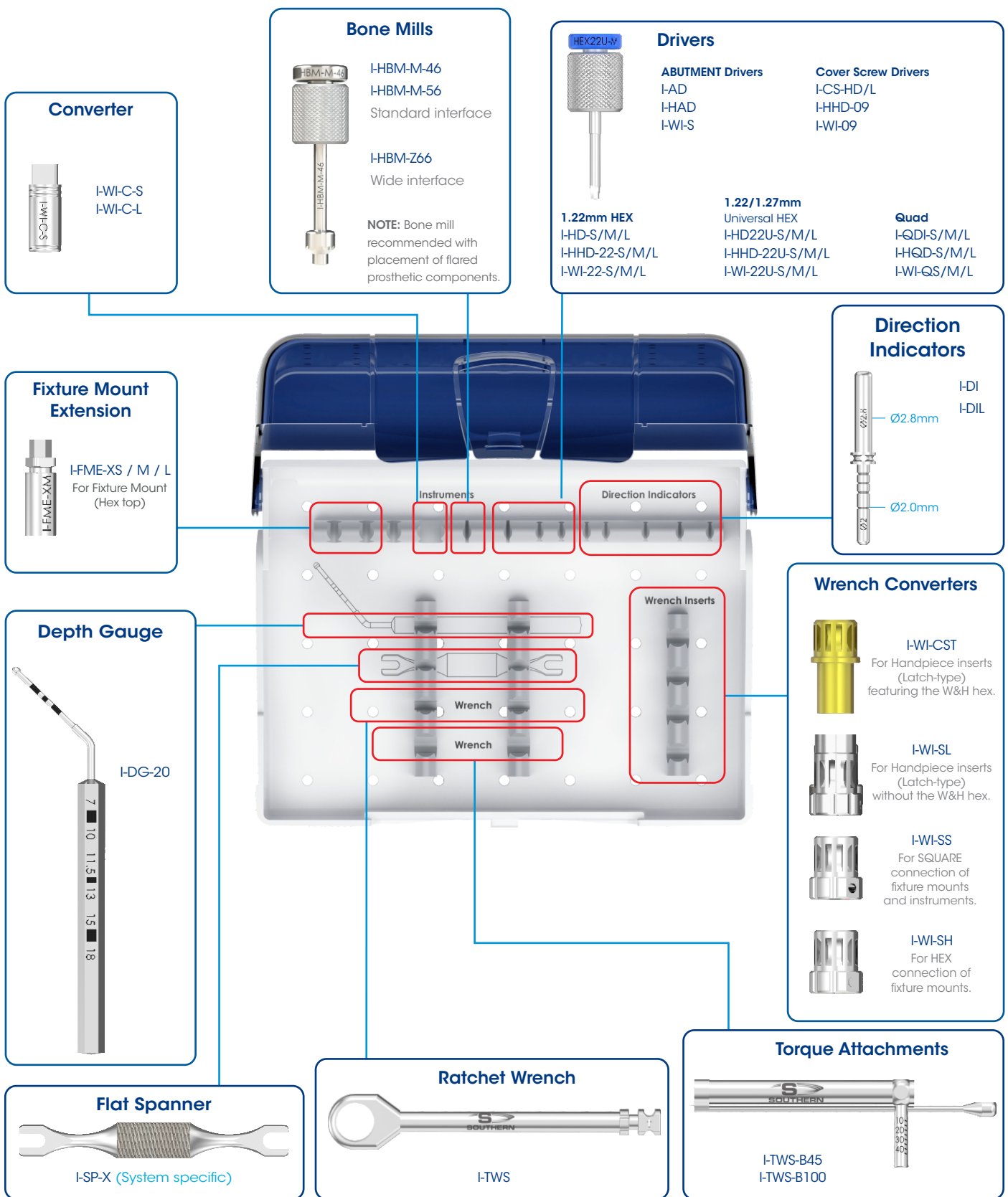
### NOTE:

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

TOP TRAY

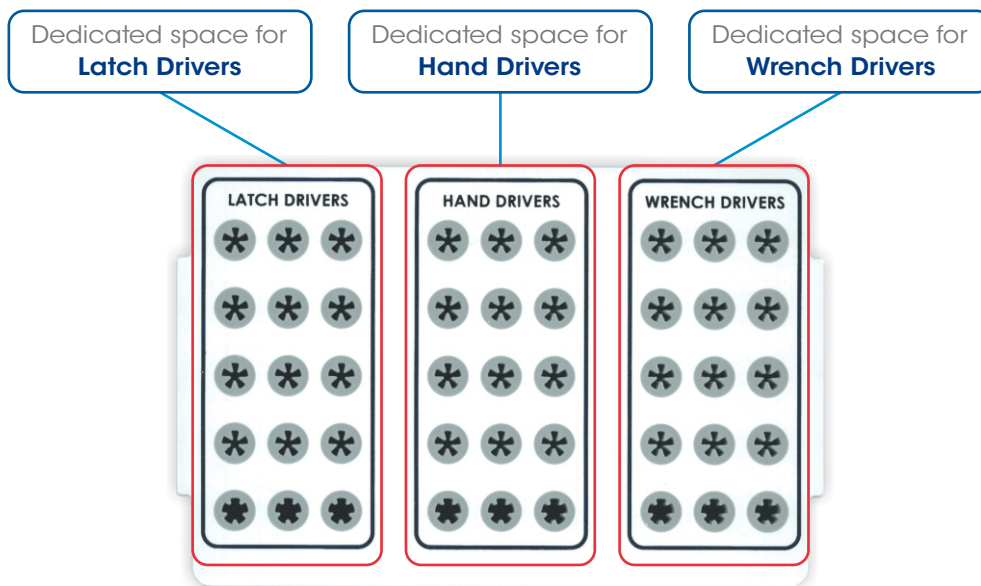


## BOTTOM TRAY



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

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-X (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.

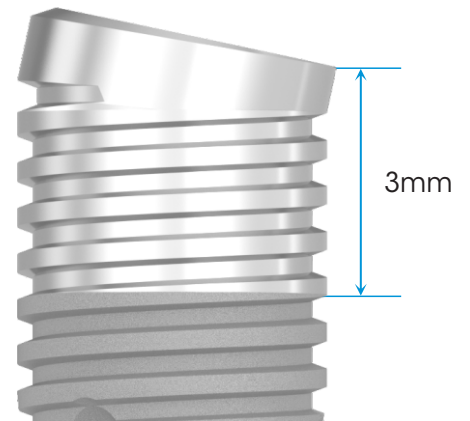
## MSC IMPLANTS DESCRIPTION

MSc stands for Machined Surface coronally.

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

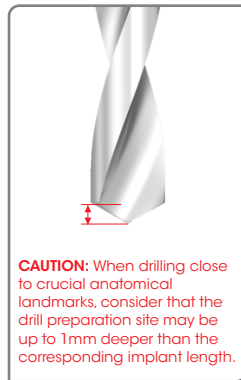
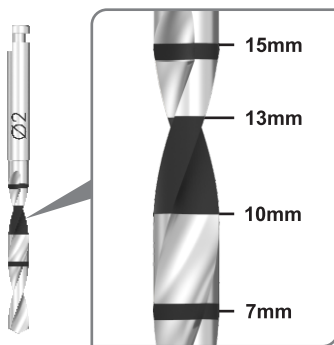
Indicated for patients with higher risk of coronal bone loss (smokers, history of periodontitis, cardio-vascular disease).

The coronal machined surface area covers the top crestal 3 mm of the implant (2mm for the MSC-PRO406).



## DRILL INFORMATION

### Twist drill markings

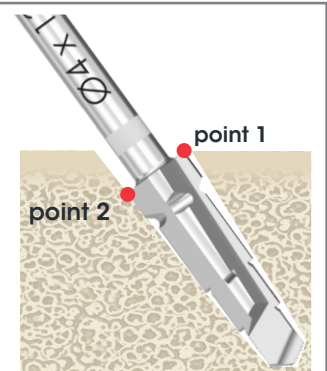


### Final tapered drill position for Co-Axis® implants

**PLEASE NOTE:**

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

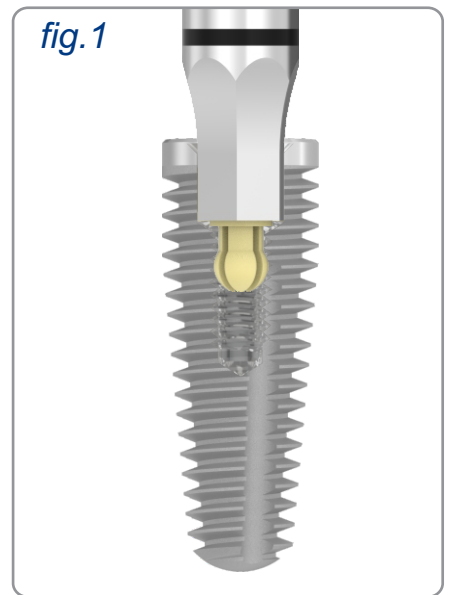
**Point 2**  
This corner of the drill will be subcrestal.



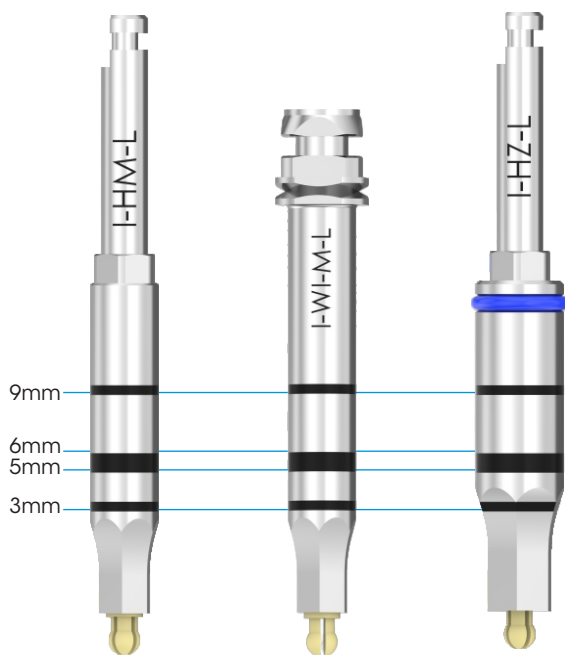
## INSERTION TOOL PROTOCOL

### Implant Placement Procedure for PROVATA® & PROMAX®

1. The tools I-HM-S / M / L (standard interface) and I-HZ-M / L (wide interface) are used to pick up the implant from the packaging.
2. The hexagon of the insertion tool in the implant must be fully engaged before torque is applied, to prevent any damage. The hexagon is fully engaged when the straight portion of the hexagon tool is almost completely sunken in the implant (fig.1).
3. The implant is placed in the prepared site and inserted in with a motor unit at 15rpm while applying downwards pressure.



## INSERTION TOOL DEPTH MARKINGS



### NOTE:

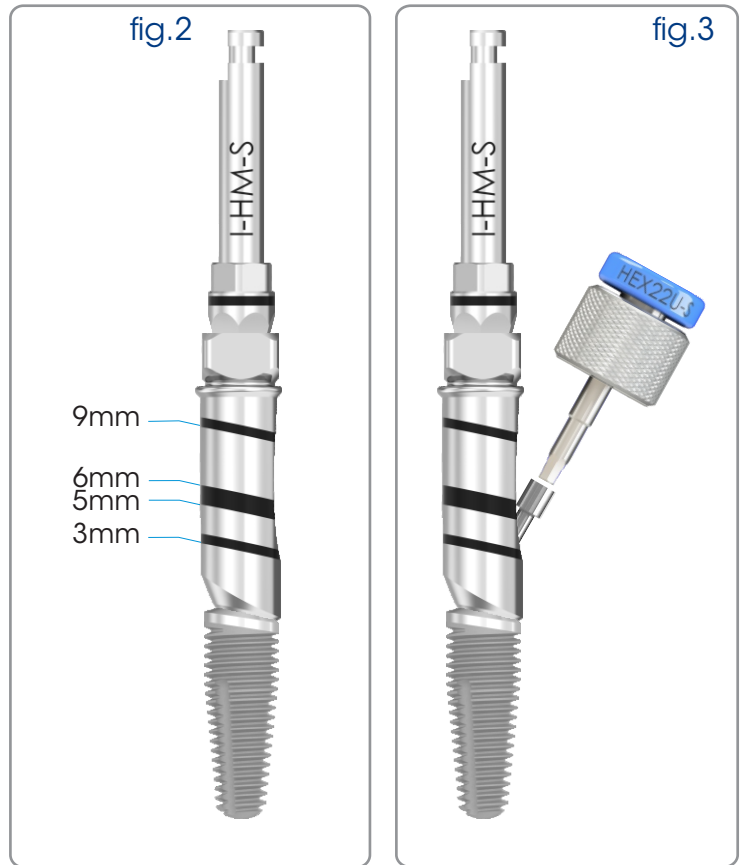
- Laser markings at 3mm, 5mm, 6mm and 9mm from implant platform.
- Refer to CAT-8056 for Insertion Tool markings and depths.

**Important:** The PEEK bits (I-PBIT-L18) should be replaced on a regular basis. Items sold separately. General wear and tear are to be expected with regular use.



## CO-AXIS® FIXTURE MOUNT REMOVAL PROTOCOL

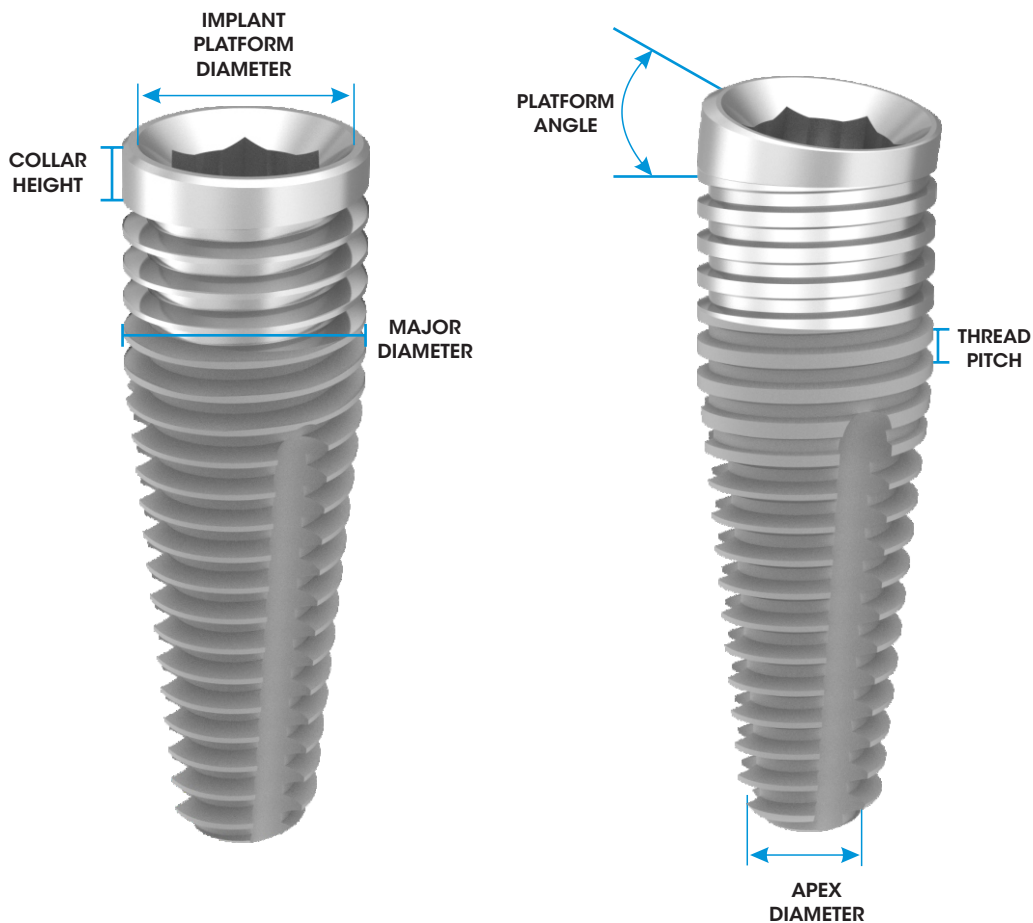
1. The tool I-HM-S / M / L is used to pick up the implant from the packaging (fig.2) after attaching it to the fixture mount.
2. Once the implant is placed and the position verified, after final X-rays have been taken, remove the fixture mount by unscrewing the fixture mount screw using a IHD-22U-S / M / L handheld driver (fig. 3).



**NOTE:** Co-Axis® fixture mount laser markings at 3mm, 5mm, 6mm and 9mm from implant platform.

# IMPLANT DIMENSIONS AND INFORMATION

RANGE	MAJOR DIAMETER	IMPLANT PLATFORM DIAMETER	PROSTHETIC DIAMETER	PROSTHETICS	HEX WIDTH (across flats)	COLLAR HEIGHT	THREAD PITCH	APEX DIAMETER	CYLINDRICAL OR TAPERED	PLATFORM ANGLE	IMPLANT LENGTH CODES						
											6	8	10	11	13	15	18
● MSc-PRO3	Ø3.3mm	3.30	3.10	2.9	●	2.10	0.6	0.6	2.6	T		✓	✓	✓	✓	✓	✓
● PRO4	Ø4.0mm	4.07	3.87	3.6	●	2.44	0.6	0.6	2.6	T		✓	✓	✓	✓	✓	✓
● MSc-PRO4	Ø4.0mm	4.07	3.87	3.6	●	2.44	0.6	0.6	2.6	T		✓	✓	✓	✓	✓	✓
● PRO5	Ø5.0mm	4.70	4.5	3.6 / 4.5	● / ●	2.44	0.6	0.6	3.13	T		✓	✓	✓	✓	✓	✓
● MSc-PRO5	Ø5.0mm	4.70	4.5	3.6 / 4.5	● / ●	2.44	0.6	0.6	3.13	T		✓	✓	✓	✓	✓	✓
● PRO12D3	Ø3.3mm	3.30	3.0	3.0	●	2.44	0.6	0.6	2.4	T	12°	✓	✓	✓	✓	✓	✓
● MSc-PRO12D3	Ø3.3mm	3.30	3.0	3.0	●	2.44	0.6	0.6	2.4	T	12°	✓	✓	✓	✓	✓	✓
● PRO12D4	Ø4.0mm	4.07	3.75	3.6	●	2.44	0.6	0.6	2.6	T	12°	✓	✓	✓	✓	✓	✓
● MSc-PRO12D4	Ø4.0mm	4.07	3.75	3.6	●	2.44	0.6	0.6	2.6	T	12°	✓	✓	✓	✓	✓	✓
● PRO12D5	Ø5.0mm	4.70	3.75	3.6	●	2.44	0.6	0.6	3.13	T	12°	✓	✓	✓	✓	✓	✓
● MSc-PRO12D5	Ø5.0mm	4.70	3.75	3.6	●	2.44	0.6	0.6	3.13	T	12°	✓	✓	✓	✓	✓	✓
● MSc-PRO6	Ø6.0mm	5.70	5.6	5.6	●	3.06	0.6	0.6	4.0	T		✓	✓	✓	✓	✓	✓
												7	9	11			
● PROMAX6	Ø6.0mm	6.0	4.5	3.6 / 4.5	● / ●	2.44	0.25	0.8	3.0	T		✓	✓	✓			
● MSc-PROMAX6	Ø6.0mm	6.0	4.5	3.6 / 4.5	● / ●	2.44	0.25	0.8	3.0	T		✓	✓	✓			
● PROMAX7	Ø7.0mm	7.0	5.7	5.6	●	3.06	0.15	0.8	4.44	T		✓	✓	✓			
● MSc-PROMAX7	Ø7.0mm	7.0	5.7	5.6	●	3.06	0.15	0.8	4.44	T		✓	✓	✓			
● PROMAX8	Ø8.0mm	8.0	6.5	5.6	●	3.06	0.25	0.8	3.94	T		✓	✓	✓			
● MSc-PROMAX8	Ø8.0mm	8.0	6.5	5.6	●	3.06	0.25	0.8	3.94	T		✓	✓	✓			
● PROMAX9	Ø9.0mm	9.0	7.5	5.6	●	3.06	0.25	0.8	4.94	T		✓	✓	✓			
● MSc-PROMAX9	Ø9.0mm	9.0	7.5	5.6	●	3.06	0.25	0.8	4.94	T		✓	✓	✓			



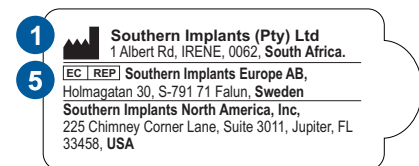
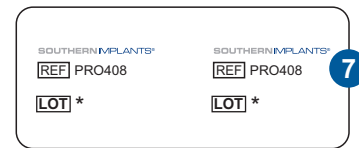
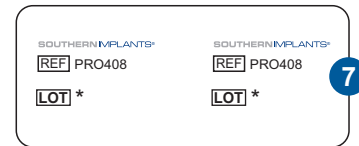
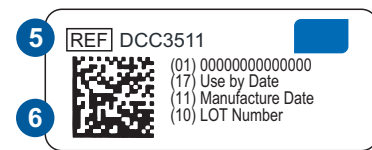
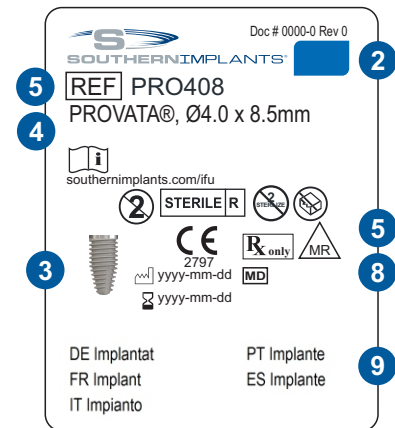
**NOTE:**

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

## EXPLANATION OF SYMBOLS

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

- 1  Manufacturer
- 2  Colour code indicating platform diameter
- 3  Implant image
- 4  Implant details and size
- 5  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
-  Magnetic resonance
- 6  2D Bar coding  
Contains the GTIN, Use by Date and LOT Number
- 7  Patient sticker for documentation purposes  
(to be used by health care provider on patient file)
- 8  Prescription device  
**CAUTION:** FEDERAL LAW RESTRICTS THE DEVICE TO SALE BY OR ON THE ORDER OF A LICENCED HEALTH CARE PROVIDER.
- 9  Product description  
(translated as per international standards)



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



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

For more information, please contact your  
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