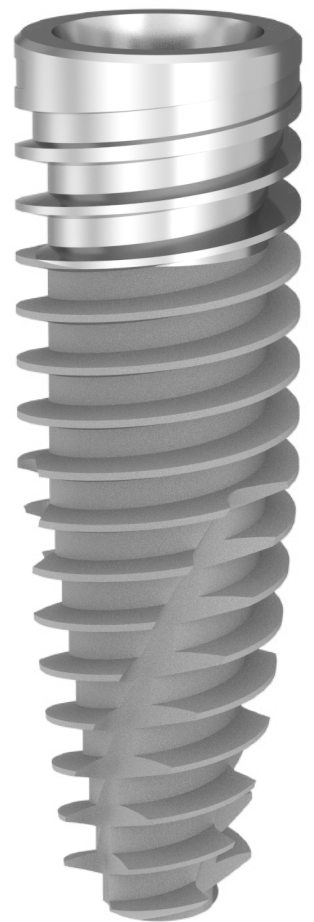




**SOUTHERNIMPLANTS®**

Innovative Treatment Solutions

**Single Platform** 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



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[SOUTHERNIMPLANTS.COM](http://SOUTHERNIMPLANTS.COM)

## Ø3.5 / Ø4.0 / Ø5.0 mm Implants



(where the **xx** is implant length)

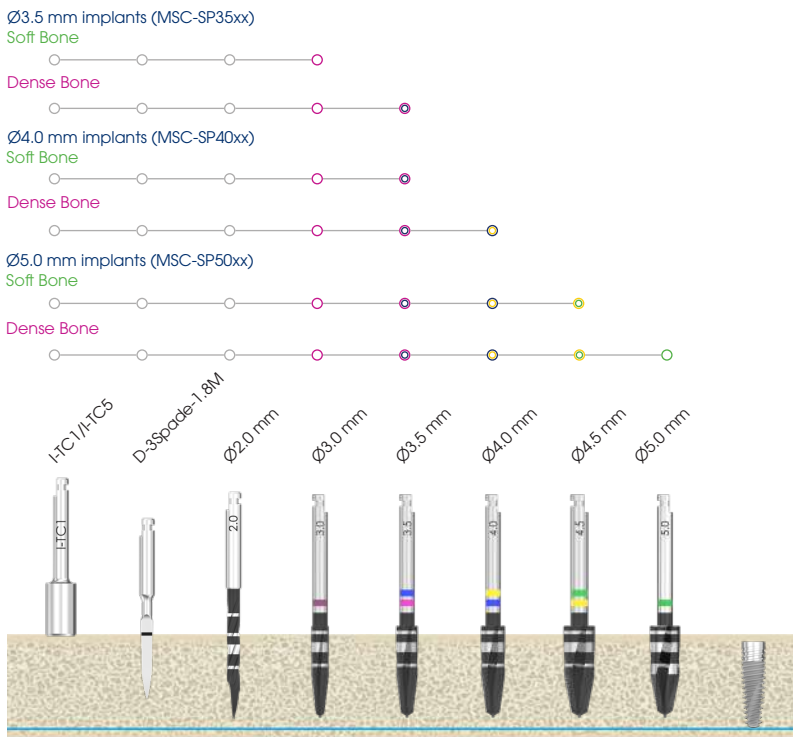
### Implants are available in lengths of:

**NOTE:** implant dimensions and information - page 17.

ITEM CODE	IMPLANT LENGTH (in mm)
MSC-SP35	08 / 10 / 11.5 / 13 / 16 / 18 / 20
MSC-SP40	08 / 10 / 11.5 / 13 / 16 / 18 / 20 / 22 / 24
MSC-SP50	08 / 10 / 11.5 / 13 / 16 / 18

### Site Preparation Sequence

(illustrations are for 11 mm implants)



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

### Surgical Components

#### Cover Screw

CS-SP



#### Healing Abutments

HA-SP38-xx  
Ø3.8



2.5/3.5/4.5/5.5/6.5  
lengths

HA-SP45-xx  
Ø4.5



2.5/3.5/4.5/5.5/6.5  
lengths

HA-SP50-xx  
Ø5.0



2.5/3.5/4.5/5.5/6.5  
lengths

(where **x** is length)

DIRECT

Healing Abutments

HA-SP38-xx



2.5/3.5/4.5/5.5/6.5

HA-SP45-xx



2.5/3.5/4.5/5.5/6.5

HA-SP50-xx



2.5/3.5/4.5/5.5/6.5

(where x is collar height)

Impression Copings

IC-SP45  
(pick-up)



ICT-SP45  
(transfer)



IC-SP50  
(pick-up)



ICT-SP50  
(transfer)



SFT-SP  
(scanning flag)



Titanium

Laboratory Analogues

LAD-SP



(analogue and digital)

Prosthetic Components

TC-SP  
(engaging)



1.5 mm collar

TC-NSP  
(non-engaging)



1.5 mm collar

\*Packaged with titanium screw

SIB-SP-43C1.5  
(engaging)  
SIB-NSP-43C1.5  
(non-engaging)



Ø4.3 platform  
1.5 mm collar

SIB-SP-43C3  
(engaging)  
SIB-NSP-43C3  
(non-engaging)



Ø4.3 platform  
3 mm collar

\*Packaged with titanium screw

SIB-SP-48C3  
(engaging)  
SIB-NSP-48C3  
(non-engaging)



Ø4.8 platform  
3 mm collar

SIB-SP-48C5  
(engaging)  
SIB-NSP-48C5  
(non-engaging)



Ø4.8 platform  
5 mm collar

TIBS-SP  
(engaging)



0.75 mm collar

TIBS-SP-C1.5  
(engaging)



1.5 mm collar

TIBS-SP-C3  
(engaging)



3 mm collar

\*Packaged with titanium screw

TIB-SP-C1.5  
(engaging)  
TIB-NSP-C1.5  
(non-engaging)



1.5 mm collar

TIB-SP-C3  
(engaging)  
TIB-NSP-C3  
(non-engaging)



3 mm collar

\*Packaged with titanium screw

ASC-SP



(packed with screw)

Angulated Screw  
Channel Abutment

PA-SP  
(engaging)  
PA-NSP  
(non-engaging)



(packed with luting lab and retaining screws)

Passive Abutment  
4-piece kit

PA-SP-16T



1.22 Hex  
Torque:  
32 Ncm  
Head Diameter:  
2.40 Ncm

Passive Abutment Screw

PA-SP-16B



Brass  
(Blackened and for laboratory use only)

PA-SP-P  
(engaging)  
PA-NSP-P  
(non-engaging)



(sold separately)

Retaining Screws

TS-SP-16



1.22 Hex  
Torque:  
32 Ncm  
Head Diameter:  
2.0 Ncm

BS-SP-16



Brass  
(Blackened and for laboratory use only)

ASC Abutment  
Screw






















TS-SP-ASC



Torx  
Torque:  
32 Ncm

NOTE: refer to CAT-1189 for equator overdenture abutments.

INDIRECT

Compact Conical Abutment	Healing Caps	Impression Copings		Laboratory Analogues	Prosthetic Components			Retaining Screws
<p>MC-SP-x</p>  <p>1.5/2.5/3.5/4.5 Torque: 20 Ncm</p>	<p>HMCx</p>  <p>4/6</p>	<p>CMC1 (pick-up)</p> 	<p>CMC2 (transfer)</p> 	<p>LSMC1</p> 	<p>GMC1</p>  <p>Gold</p>	<p>TMC1 / 5</p>  <p>Titanium TMCSL (long version)</p>	<p>PKC-MC</p>  <p>PEEK Screw Torque: 10 -15 Ncm</p>	<p>1 Series Screw</p> <p>TSH1</p>  <p>1.22 Hex Torque: 10-15 Ncm</p>
<p>MC-SP-17D-x</p>  <p>1.5/2.5/3.5 Torque: 20 Ncm</p>	<p>HMC17x</p>  <p>4/6</p>		<p>CMC-ZG-2 (transfer)</p> 	<p>LAD-MC</p>  <p>(digital analogue)</p>		<p>SIB-TMC1</p>  <p>1 mm collar</p>		<p>TSS1</p>  <p>Slotted Torque: 10-15 Ncm</p>
<p>MC-SP-30D-x</p>  <p>1.5/2.5/3.5 Torque: 20 Ncm  (where x is collar height)</p>		<p>SFT-MC-48 (scanning flag)</p>  <p>MC-48 Titanium</p>				<p>PA-MC-48 (passive abutment)</p> 		<p>BSH1</p>  <p>1.22 Hex (Brass) <b>(Blackened and for laboratory use only)</b></p>
						<p>ASC-TMC1 (angulated screw channel abutment)</p>  <p>(packed with screws)</p>		<p>TST1-ASC</p>  <p>Torx Torque: 10-15 Ncm</p>

In applications of the SP1 Ø4.5, Ø5 and Ø6 mm implants, the platform matched approach is recommended. 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 SP1 Ø3.5 or Ø4 mm implants.

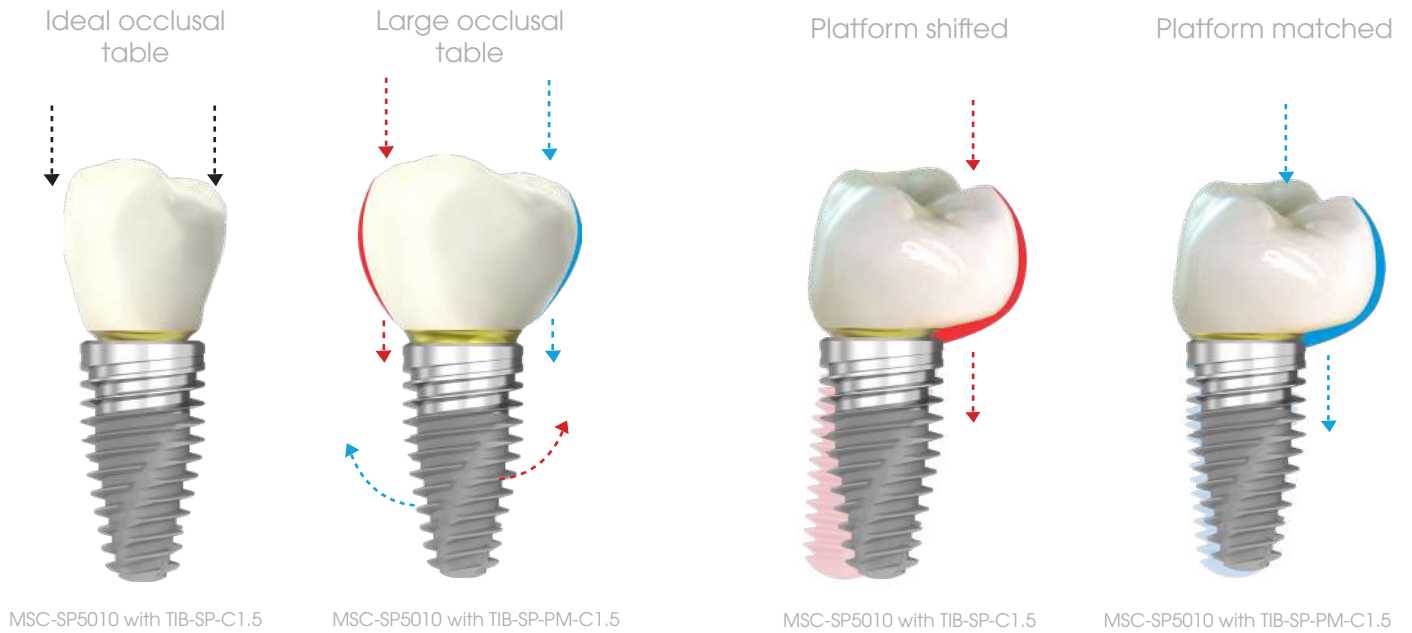


Fig. 1: with large occlusal tables, maximize the platform dimension with platform matched components.

Fig. 2: excessive cantilevers - use platform matched components to compensate for non-ideal crown-implants ratios.

DIRECT

Healing Abutments

HA-SP55-PM-xx



2.5/3.5/4.5/5.5

HA-SP65-PM-xx



2.5/3.5/4.5/5.5

(where x is collar height)

Impression Copings

IC-SP55-PM  
(pick-up)



ICT-SP55-PM  
(transfer)



IC-SP65-PM  
(pick-up)



ICT-SP-65-PM  
(transfer)



SFT-SP  
(scanning flag)



Titanium

Laboratory Analogues

LAD-SP-PM



(analogue and digital)

Prosthetic Components

TC-SP-PM  
(engaging)



\*Packaged with titanium screw

SIB-SP-PM-55C1.5  
(engaging)



Ø6.5 platform  
1.5 mm collar

SIB-SP-PM-55C3  
(engaging)



Ø6.5 platform  
3 mm collar

\*Packaged with titanium screw

SIB-SP-PM-65C3  
(engaging)



Ø6.5 platform  
3 mm collar

SIB-SP-PM-65C5  
(engaging)



Ø6.5 platform  
5 mm collar

TIB-SP-PM-C1.5  
(engaging)



1.5 mm collar

TIB-SP-PM-C3  
(engaging)



3 mm collar

\*Packaged with titanium screw

TIB-SP-C1.5  
(engaging)  
TIB-NSP-C1.5  
(non-engaging)



1.5 mm collar

TIB-SP-C3  
(engaging)  
TIB-NSP-C3  
(non-engaging)



3 mm collar

\*Packaged with titanium screw

PA-SP  
(engaging)  
PA-NSP  
(non-engaging)



(packed with luting, lab and retaining screws)

PA-SP-16T



1.22 Hex  
Torque:  
32 Ncm  
Head Diameter:  
2.40 Ncm

Passive Abutment Screw

PA-SP-16B



Brass  
(Blackened and for laboratory use only)

Retaining Screws

TS-SP-16



1.22 Hex  
Torque:  
32 Ncm  
Head Diameter:  
2.0 Ncm

BS-SP-16



Brass  
(Blackened and for laboratory use only)

PA-SP-P  
(engaging)  
PA-NSP-P  
(non-engaging)



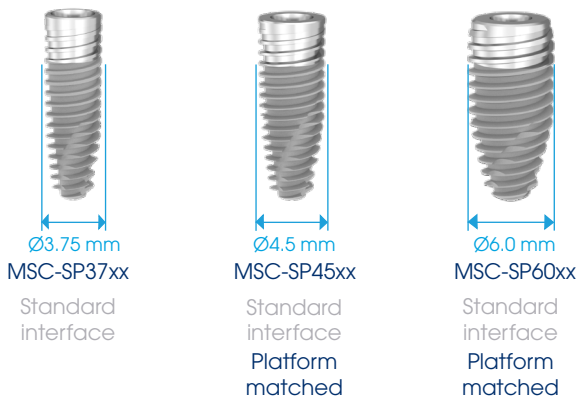
(sold separately)

Passive Abutment 4-piece kit

## Additional Diameter Implants - Ø3.75 / Ø4.5 / Ø6.0 mm Implants

Southern Implants is proud to introduce an expanded range of SP1 implants, now including additional diameters to meet diverse clinical demands. The new Ø3.75 mm and Ø4.5 mm implants can be placed using the existing SP1 surgical kit, offering seamless integration into established workflows. The Ø6.0 mm implant has been introduced as a rescue option, ideal when enhanced stability is required—particularly in cases where insufficient primary stability is achieved with a Ø5.0 mm implant.

These new options uphold the SP1 system's hallmark feature: a unified prosthetic platform across all diameters. Additionally, the Ø4.5 mm and Ø6.0 mm implants are compatible with both the SP1 unified prosthetic range and platform-matched componentry, providing clinicians added flexibility in restorative planning.



(where the **xx** is implant length)

### Implants are available in lengths of:

NOTE: implant dimensions and information - page 17.

ITEM CODE	IMPLANT LENGTH (in mm)
MSC-SP37	08 / 10 / 11.5 / 13 / 16 / 18 / 20 / 22 / 24
MSC-SP45	08 / 10 / 11.5 / 13 / 16 / 18
MSC-SP60	08 / 10 / 11.5 / 13 / 16

### Site Preparation Sequence

(illustrations are for 11 mm implants)

Ø3.75 mm implants (MSC-SP37xx)

Soft Bone



Dense Bone



Ø4.5 mm implants (MSC-SP45xx)

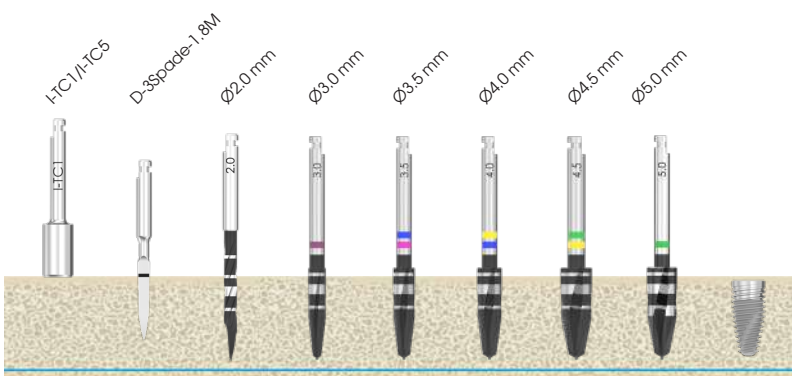
Soft Bone



Dense Bone



Ø6.0 mm implants (MSC-SP60xx) (Intended as rescue option for Ø5.0 mm implants)



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

## SP1 Pterygoid Implant - Ø4.0 mm Implant

Expanding the versatility of the SP1 system, the new Ø4.0 mm SP1 Pterygoid implant is specifically designed for posterior maxillary applications, providing clinicians with a predictable solution in anatomically challenging cases. Ideal for patients with an atrophic posterior maxilla where conventional implant placement is not feasible, this implant enables the use of longer lengths to engage dense cortical bone in the pterygoid region, thereby improving load distribution and enhancing primary stability. The design maintains the SP1 system's unified prosthetic platform, ensuring seamless integration with existing components, while the simplified drilling protocol (D-20ST-GS-32 / D-SP20 / D-SP20L) supports efficient, reproducible placement.



PT-SP40xx

(where the **xx** is implant length)

### Implants are available in lengths of:

**NOTE:** implant dimensions and information - page 13.

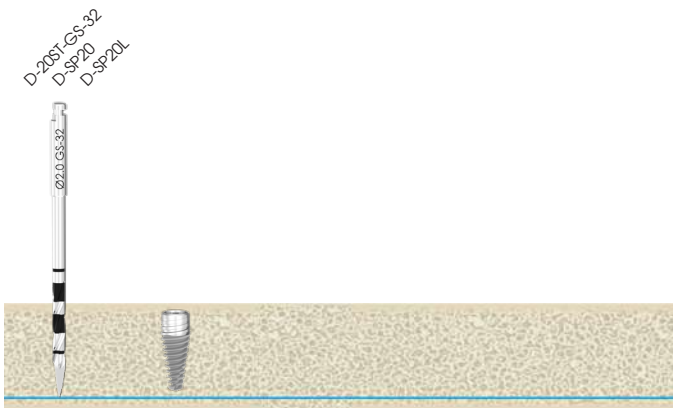
ITEM CODE	IMPLANT LENGTH (in mm)
PT-SP4010	10
PT-SP4011	11.5
PT-SP4013	13
PT-SP4015	15
PT-SP4018	18
PT-SP4020	20
PT-SP4022	22
PT-SP4024	24

### Site Preparation Sequence

(Illustrations are for 11 mm implants)

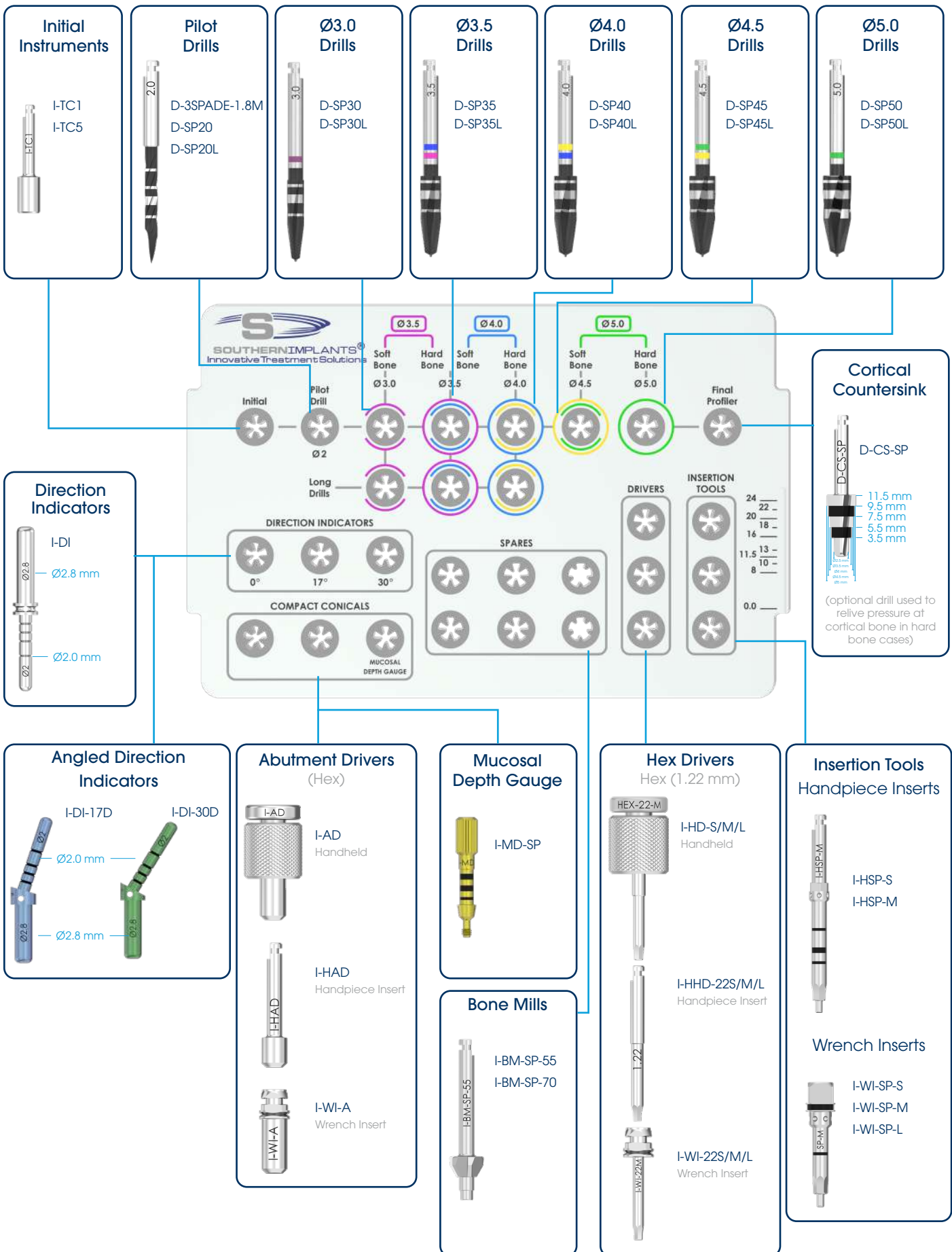
#### Ø4.0 mm Tapered (PT-SP40xx)

Soft, Medium and Dense Bone

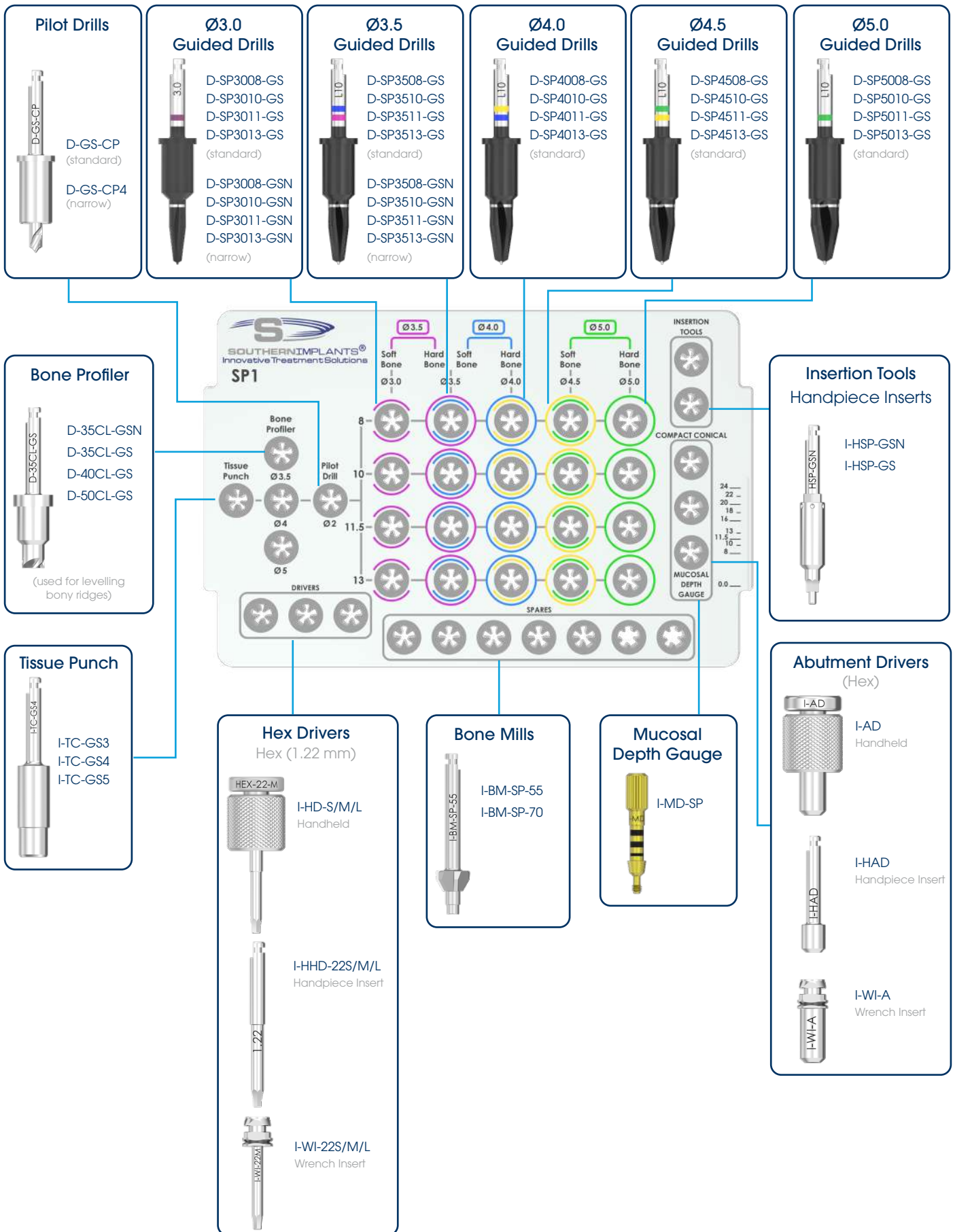


**NOTE:** Site preparation sequence recommended by Southern Implants® does not replace the judgment and experience of the surgeon.

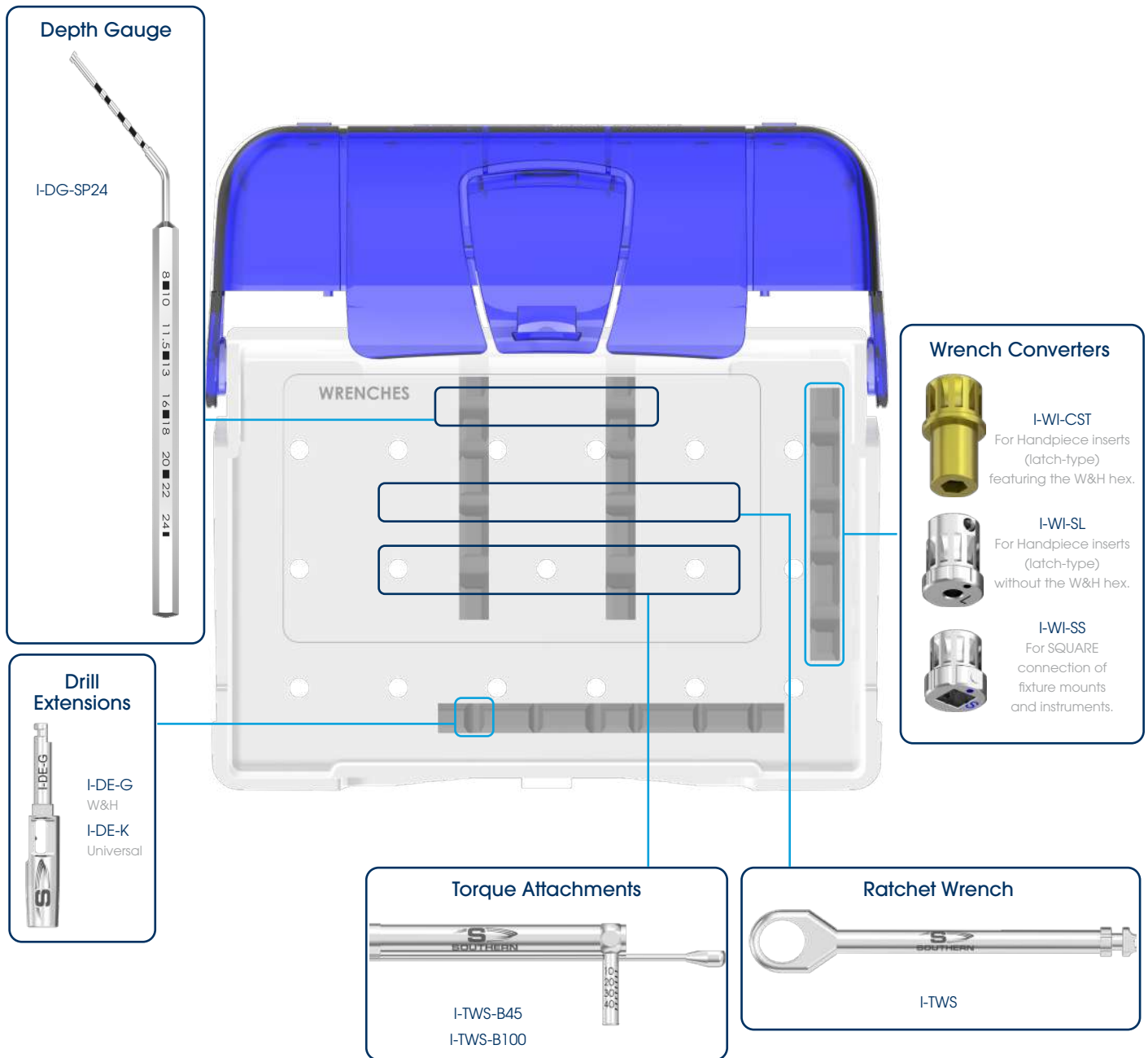
TOP TRAY



TOP TRAY



## BOTTOM TRAY

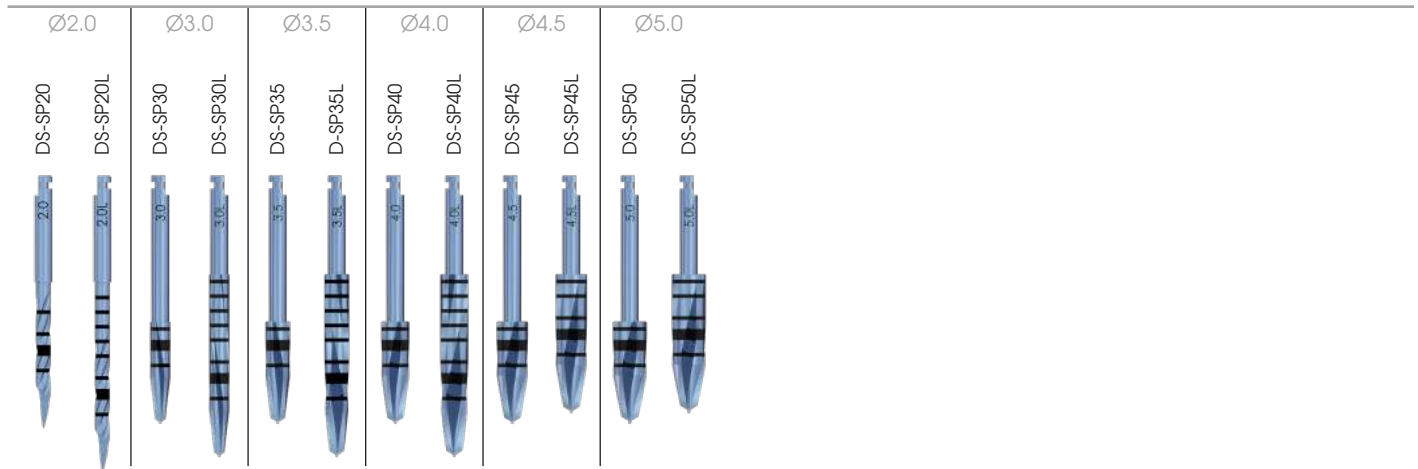


- NOTE:**
- the surgical kit has an intuitive layout to guide the surgeon through the drill sequence.
  - most instruments available in various lengths.
  - all instruments and tooling used during the procedure must be maintained in good condition, cleaned and sterilised prior to use. Please consult 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.

## Drill Information

The SP1 single use drills are manufactured from grade 5 titanium and anodised blue. These drills are indicated for single use per single patient.

### Single use drills (Freehand Surgery)



### Single use drills (Guided Surgery)



NOTE: drill product codes containing "GSN" are compatible with narrow guided surgery sleeves, while product codes containing "GS" are compatible with standard guided surgery sleeves.



### Standard Guided Sleeves Ø6.2 (outer) / Ø5.2 (inner)

#### Closed Sleeves



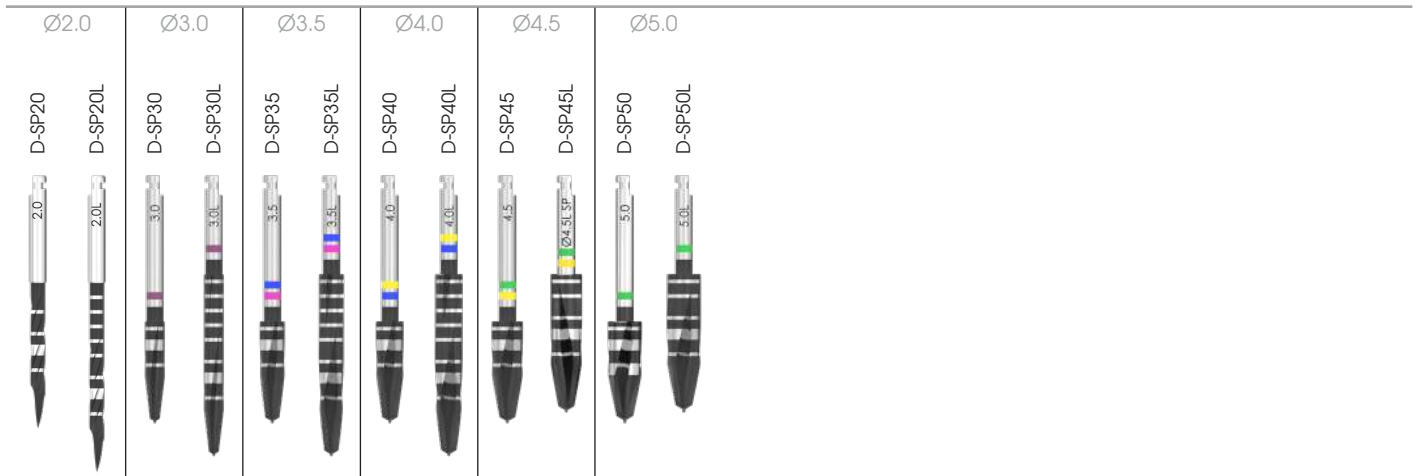
#### Open ('C') Sleeves



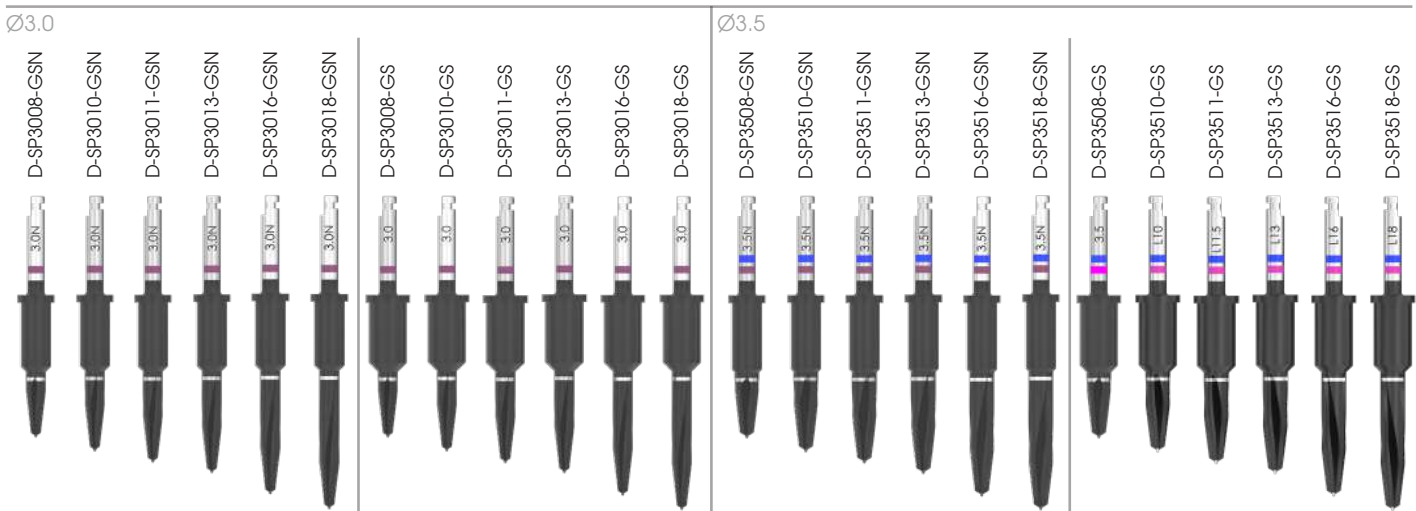
## Drill Information

The SP1 reusable drills are manufactured from grade 5 titanium with an Aluminium Titanium Nitrate (AlTiN) coating. These drills are indicated for 10 uses, can be re-sterilised and are packed non-sterile.

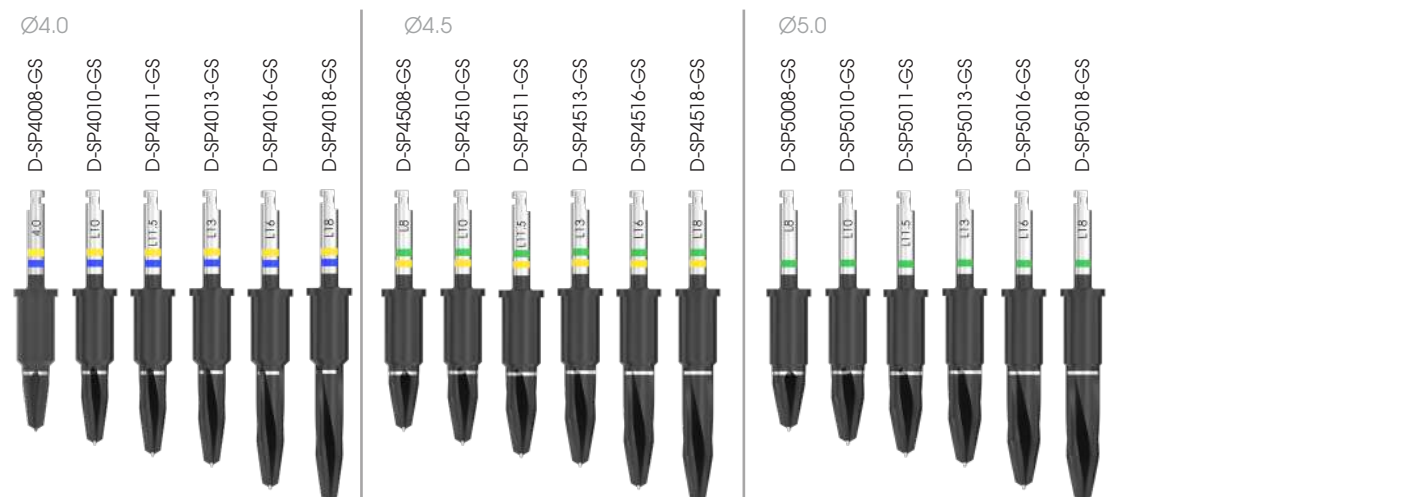
### Reusable drills (Freehand Surgery)



### Reusable drills (Guided Surgery)



NOTE: drill product codes containing "GSN" are compatible with narrow guided surgery sleeves, while product codes containing "GS" are compatible with standard guided surgery sleeves.



### Narrow Guided Sleeves Ø5.1 (outer) / Ø4.2 (inner)

#### Closed Sleeves



I-GS-5142-L4



I-GSF-5142-L4  
anti-rotational flat



I-GSF-5142-L6  
anti-rotational flat



I-GS-5142-L9

#### Open ('C') Sleeves



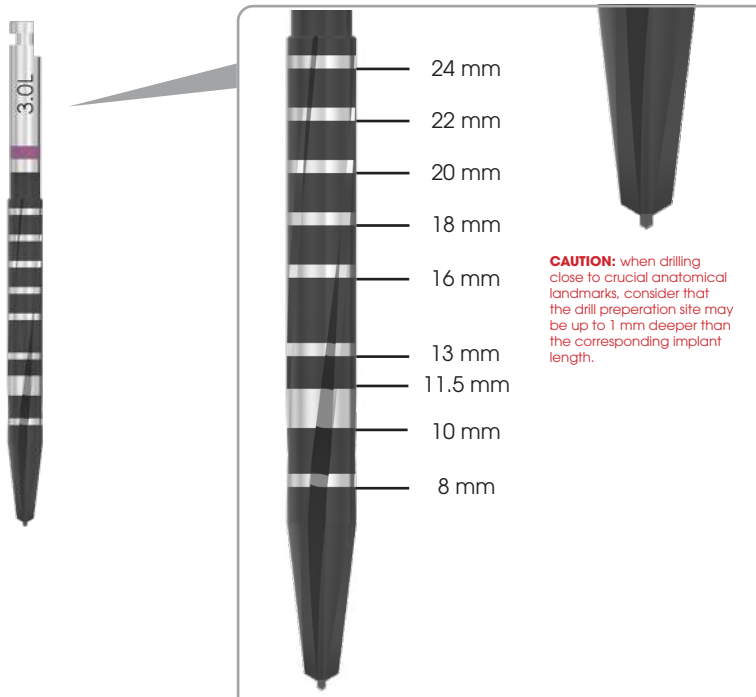
I-GSC-5142-L4



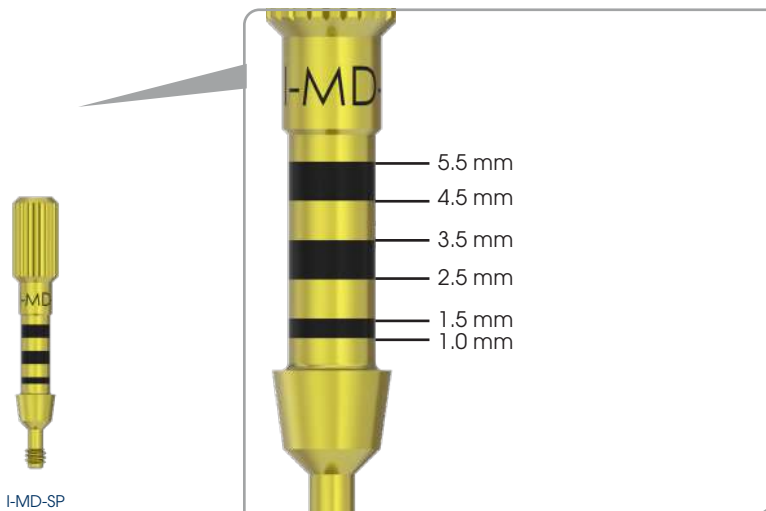
I-GSC-5142-L9

# Laser Markings

## Dedicated SP1 drill markings

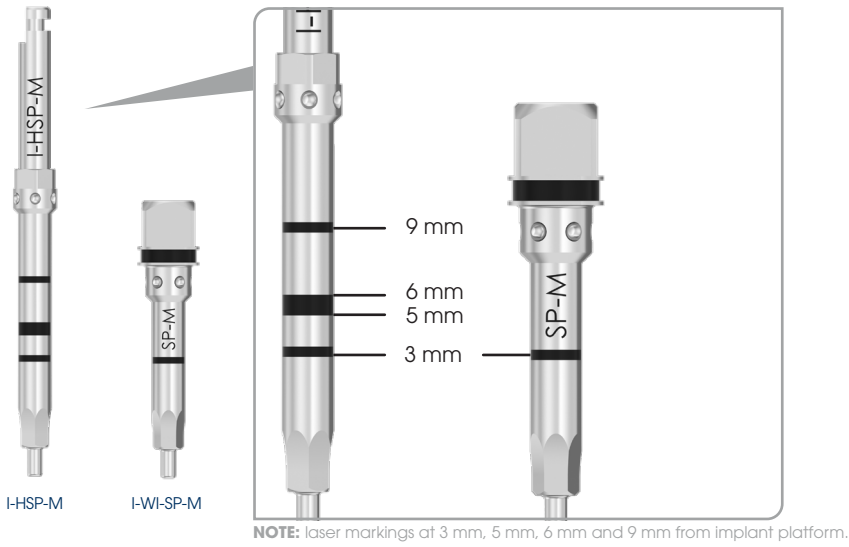


## Mucosal Depth Gauge markings

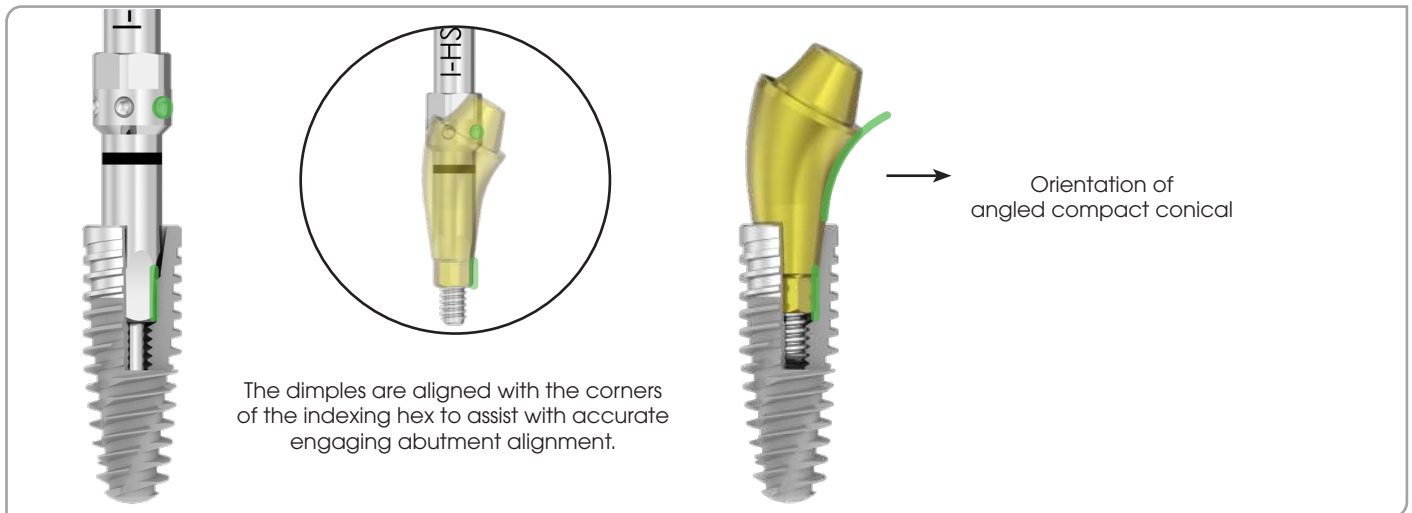


## Placement Tool

### Placement tool depth markings

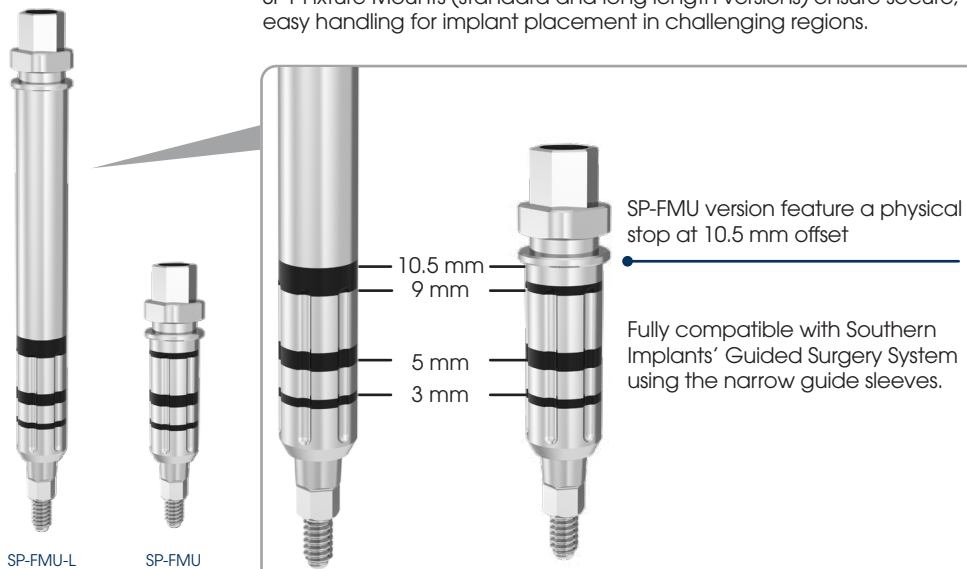


### Placement tool dimples alignment for indexing



### SP1 Fixture mount

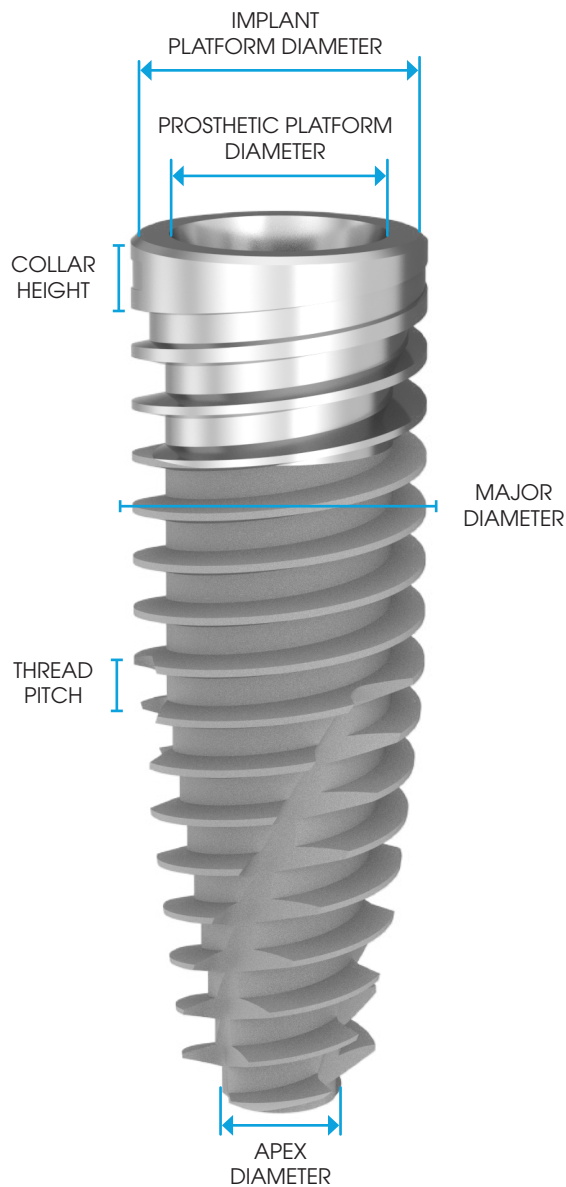
SP1 Fixture Mounts (standard and long length versions) ensure secure, easy handling for implant placement in challenging regions.



## Implant Dimensions and Information

SINGLE PLATFORM		MAJOR DIAMETER	IMPLANT PLATFORM DIAMETER	PROSTHETIC DIAMETER	HEX WIDTH (across flats)	MSC SURFACE	THREAD PITCH (double start)	APEX DIAMETER	IMPLANT LENGTHS									
									8	10	11.5	13	16	18	20	22	24	
MSC-SP35xx	Ø3.5 mm	3.5	3.3	2.95	2.0	3.0	1.50	2.85	✓	✓	✓	✓	✓	✓	✓			
MSC-SP37xx	Ø3.75 mm	3.75	3.5	2.95	2.0	3.0	1.50	3.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	
MSC-SP40xx	Ø4.0 mm	4.0	3.8	2.95	2.0	3.0	1.50	3.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	
MSC-SP45xx	Ø4.5 mm	4.6	4.5	2.95*	2.0	3.0	1.50	3.2	✓	✓	✓	✓	✓					
MSC-SP50xx	Ø5.0 mm	5.0	4.5	2.95*	2.0	3.0	1.50	3.2	✓	✓	✓	✓	✓					
MSC-SP60xx	Ø6.0 mm	6.0	5.0	2.95*	2.0	3.0	1.8	3.75	✓	✓	✓	✓	✓					
PTERYGOID									8	10	11.5	13	15	18	20	22	24	
PT-SP40xx	Ø4.0 mm	4.0	3.3	2.95	2.0	3.0	1.60	2.0		✓	✓	✓	✓	✓	✓	✓	✓	✓

\* 4.5 when utilising platform matched componentry.


























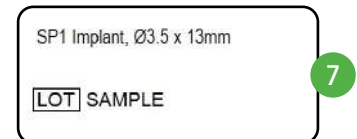
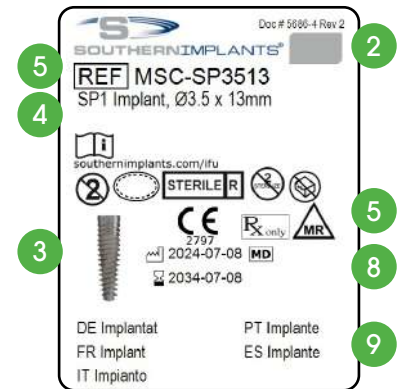
**NOTE:**

- 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  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 manufactured
  -  Do not use if package is damaged
  -  Identifies the product as a medical device
  -  Mr conditional / magnetic resonance conditional
  -  Single sterile barrier system
  -  Double sterile barrier
  - 6  2D Bar coding  
Contains the GTIN, Use by date and LOT number
  - 7  Patient sticker for documentation purposes  
(to be used by health care provider on patient file)
  - 8  Prescription device
- CAUTION: FEDERAL LAW RESTRICTS THE DEVICE TO SALE BY OR ON THE ORDER OF A LICENSED HEALTH PROVIDER.
- 9  Product description  
(translated as per international standards)



## Platform Interface



For more information scan below



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



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

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