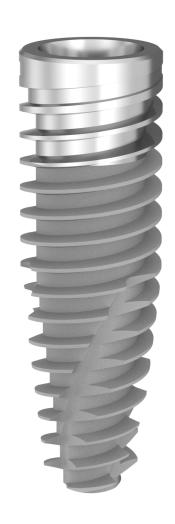


**Single Platform** Implants Product Catalogue





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-Shiff® 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

### Ø3.5 / Ø4.0 / Ø5.0 mm Implants







(where the xx is implant length)

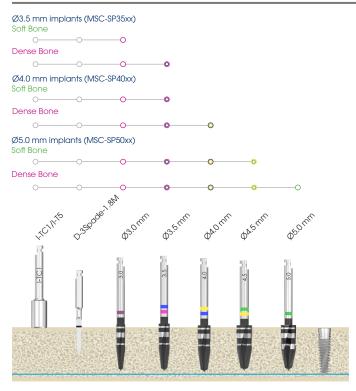
### Implants are available in lengths of:

NOTE: implant dimensions and information - page 17.

HEMI 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)



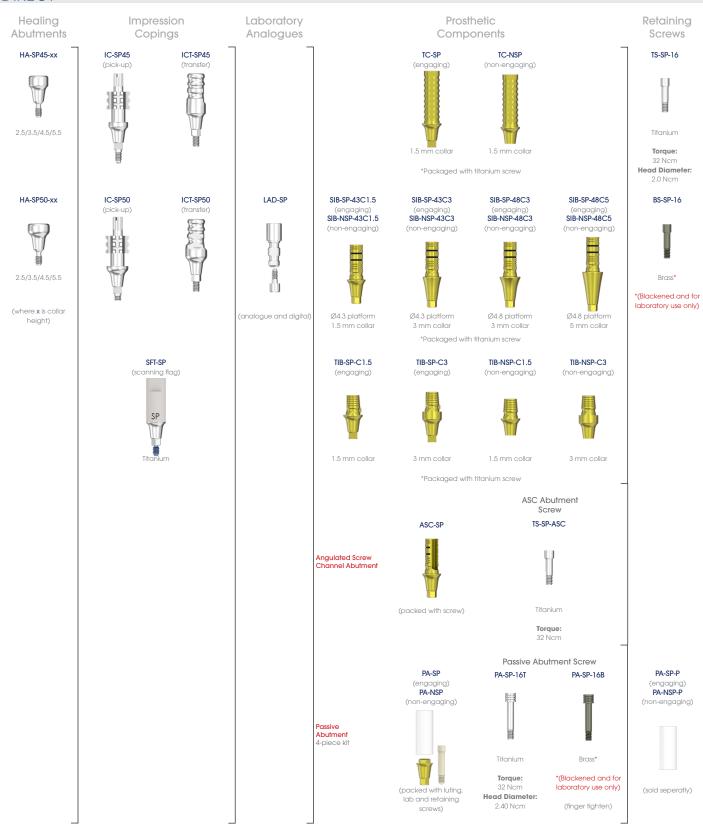
NOTE: Site preparation sequence recommended by Southern Implants® does not replace the judgment and experience of the surgeon.

#### **Surgical Components**



(where **x** is length)

#### DIRECT



Retaining

Screws

TSH1

Torque:

BSH1\*

Brass\*

\*(Blackened and for laboratory use only)

### INDIRECT Compact Conical Abutment

MC-SP-x

1.5/2.5/3.5/4.5





Packed with TS-SP-MC

Screw torque: 20 Ncm

#### MC-SP-30D-X



Packed with TS-SP-MC

Screw torque: 20 Ncm

(where **x** is collar height)

#### Healing Caps

НМСх



4/6







CMC1 (pick-up)

CMC2



CMC-ZG-2



SFT-MC-48 (scanning flag)



#### Laboratory Analogues









Prosthetic Components











Gold



TMC5









\*Screw torque: 10-15 Ncm







1 mm collar





ASC-TMC1 (angulated screw channel abutment)



(packed with screws)

TSH1-ASC



Torque: 10-15 Ncm

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 compatiable with SP1 Ø3.5 or Ø4 mm implants.

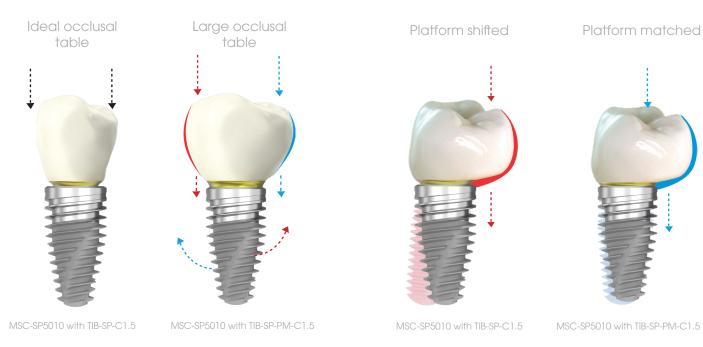
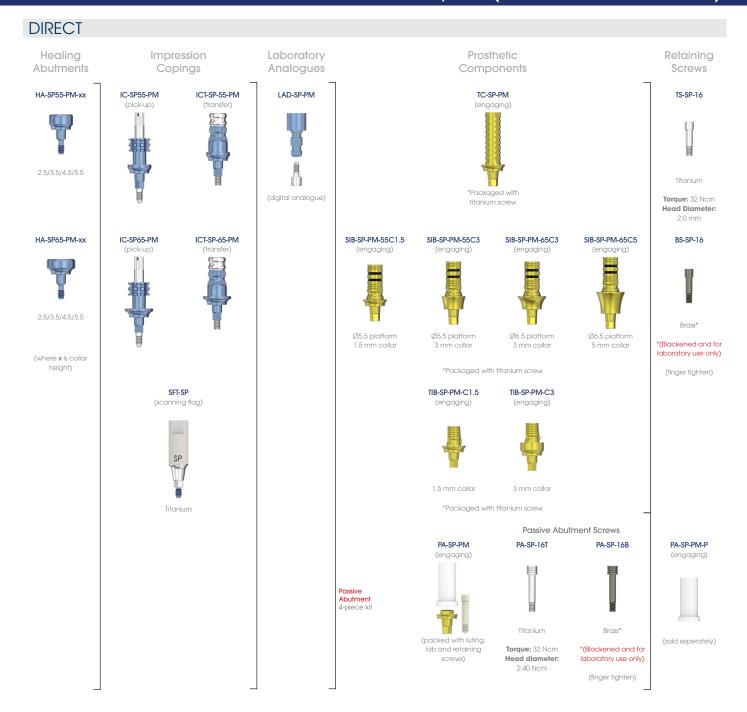


Fig. 1: with large occlusal tables, maximize the platform dimension with platform matched components.

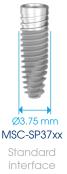
Fig. 2: excessive cantilevers - use platform matched components to compensate for non-ideal crown-implants ratios.

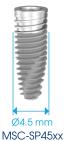


#### Extra Diameter Implants - Ø3.75 / Ø4.5 / Ø6.0 mm Implants

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.







Standard interface Platform matched

MSC-SP60xx Standard interface **Platform** matched

(where the xx is implant length)

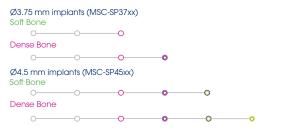
#### Implants are available in lengths of:

NOTE: implant dimensions and information - page 17.

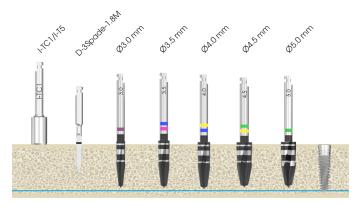
ITEM CODE	IMPLANT LENGTH (in mm)							
MSC-SP37	08 / 10 / 11.5 / 13 / 16 / 18 / 20 / 22 / 24							
MSC-SP45	08 / 10 / 11.5 / 13 / 16 / 18							
MSC-SP60	08 / 10 / 11.5 / 13 / 16							

#### **Site Preparation Sequence**

(illustrations are for 11 mm implants)



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 seamles 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 mi	m)

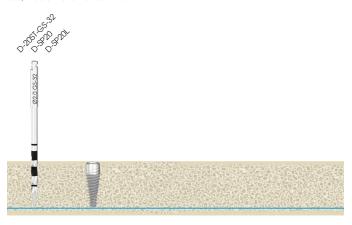
10
11.5
13
15
18
20
22
24

#### **Site Preparation Sequence**

(illustrations are for 11 mm implants)

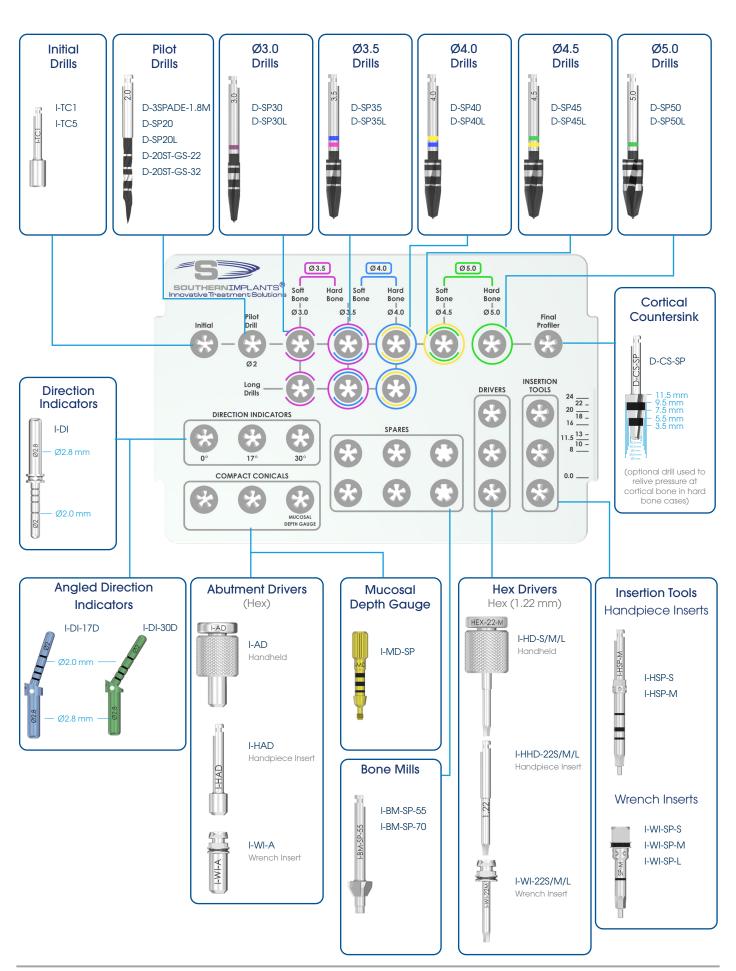
#### Ø4.0 mm Tapered (PT-SP40xx)

Soft, Medium and Dense Bone

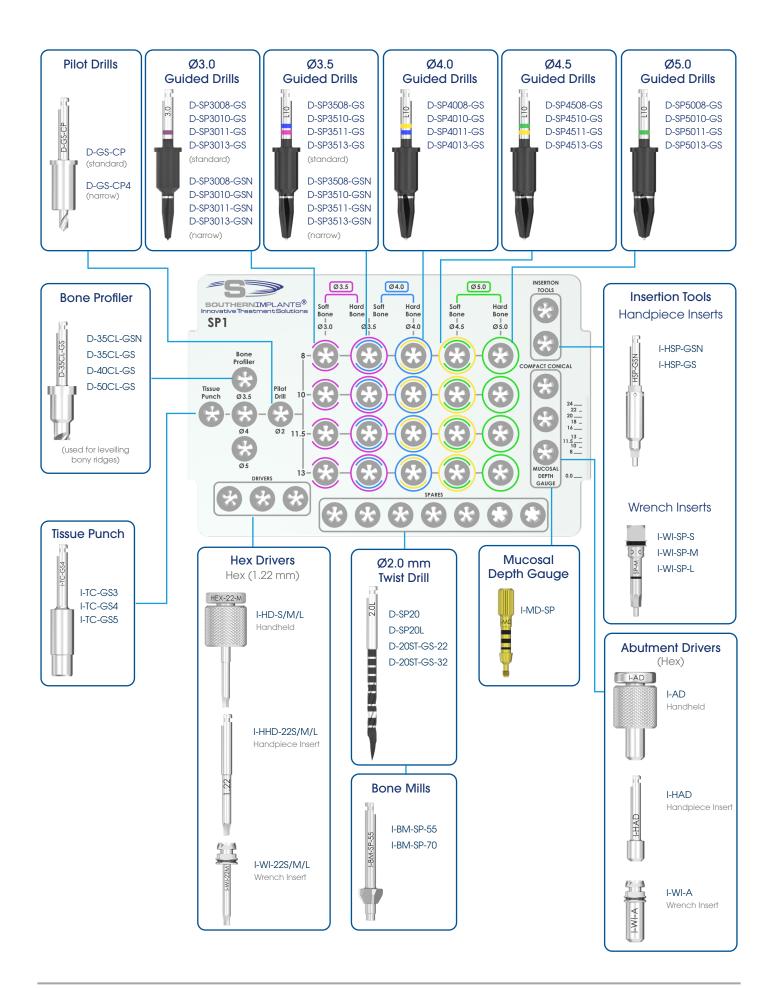


NOTE: Site preparation sequence recommended by Southern Implants® does not replace the judgment and experience of the surgeon.

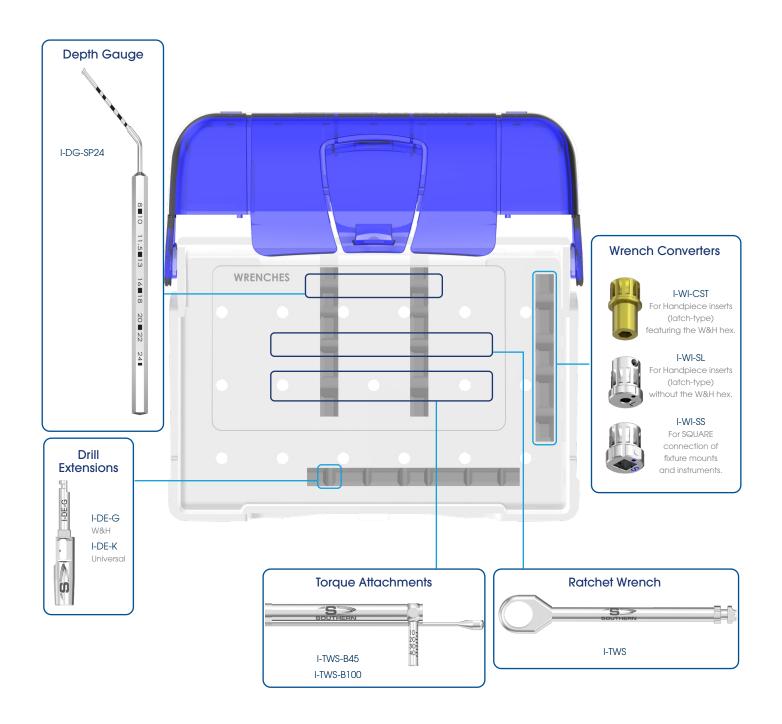
**TOP TRAY** 



**TOP TRAY** 



#### **BOTTOM TRAY**



#### NOTE:

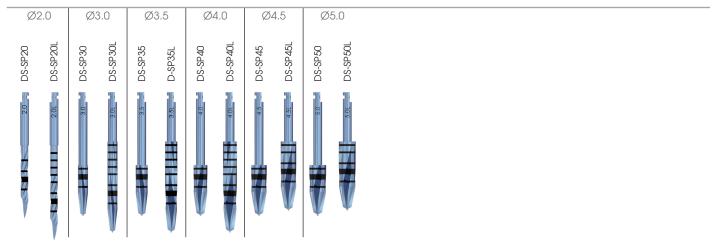
- the surgical kit has an intuitive layout to guide the surgeon through the drill sequence.
- most instruments available in various lengths.
- all instruments and tooling used during the procedure must be maintained in good condition, cleaned and sterilised prior to use. Please consult the
- Instructions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

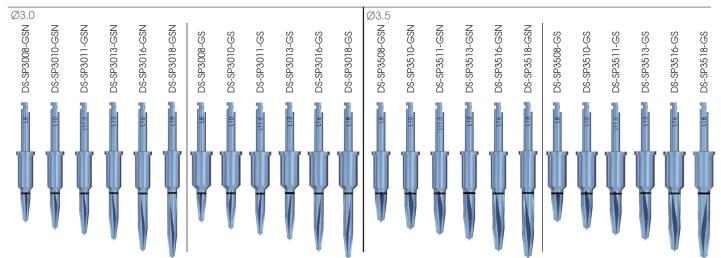
The SP1 single use drills are manufactured from grade 5 titanium and anodised blue.

These drills are indicated for single use per single patient.

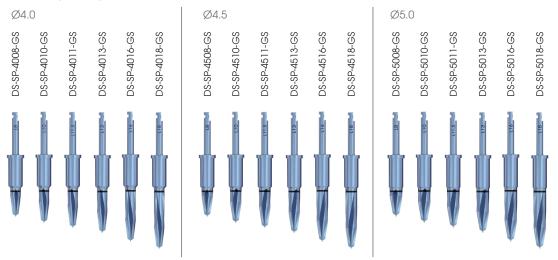
#### Single use drills (Freehand Surgery)



#### Single use drills (Freehand Surgery)



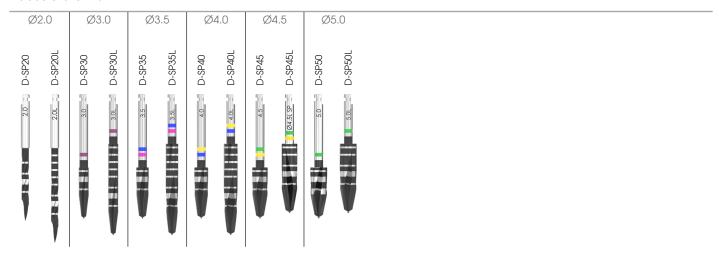
NOTE: narrow guided surgery sleeves are indicated with GSN and standard sleeves with GS.



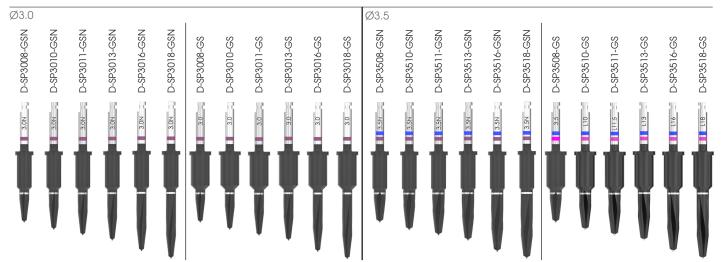
#### **Drill Information**

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

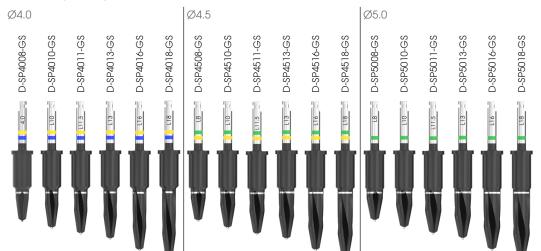
#### Reusable drills



#### Reusable drills (Guided Surgery)



NOTE: narrow guided surgery sleeves are indicated with GSN and standard sleeves with GS.



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

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







4.0 mm



4.0 mm







I-GS-6252-L4 (closed) I-GS-6252-L9 (closed) I-GSC-6252-L4 (open)

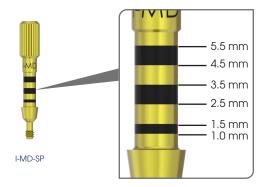
I-GSC-6252-L9 (open) I-GS-5142-L4 I-GS-5142-L9 (closed) (closed)

I-GSC-5142-L4 (open)

I-GSC-5142-L9 (open)

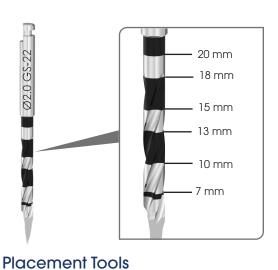
#### Instruments

#### Mucosal Depth Gauge markings

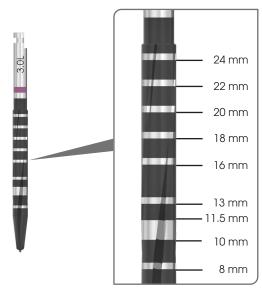


#### **Drills**

#### Spade-twist drill markings

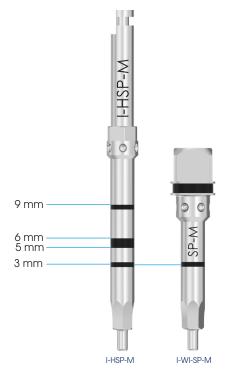


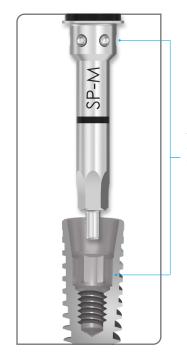
### Dedicated SP1 drill markings





#### Placement tool depth markings



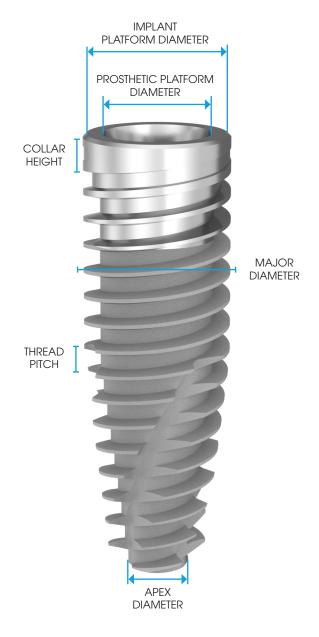


The dimples are aligned with the corners of the internal hex to assist with accurate angled MUA alignment.

**NOTE:** laser markings at 3 mm, 5 mm, 6 mm and 9 mm from implant platform.

SINGLE PLATFORM		MAJOR DIAMETER IMPLANT PLATFORM DIAMETER		PROSTHETIC DIAMETER	HEX WIDTH (across flats)	MSC SURFACE	PITCH e start)	APEX DIAMETER	IMPLANT LENGTHS								
		MA	IMPLANT PLATFORM DIAMETER	PROST	HEX V (acros	MS	THREAD (double	AP	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	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	✓	✓	<b>✓</b>
MSC-SP37xx	Ø3.75 mm	3.75	3.5	2.95	2.0	3.0	1.50	3.0	<b>✓</b>	✓	✓	✓	✓	<b>✓</b>	✓	✓	<b>✓</b>
MSC-SP40xx	Ø4.0 mm	4.0	3.8	2.95	2.0	3.0	1.50	3.0	<b>✓</b>	<b>√</b>	✓	✓	<b>✓</b>	<b>√</b>	✓	<b>✓</b>	<b>✓</b>
MSC-SP45xx	Ø4.5 mm	4.6	4.5	2.95*	2.0	3.0	1.50	3.2	<b>✓</b>	✓	<b>✓</b>	✓	<b>✓</b>	✓			
MSC-SP50xx	Ø5.0 mm	5.0	4.5	2.95*	2.0	3.0	1.50	3.2	<b>✓</b>	✓	<b>✓</b>	✓	✓	✓			
MSC-SP60xx	Ø6.0 mm	6.0	5.0	2.95*	2.0	3.0	1.8	3.75	<b>✓</b>	<b>√</b>	✓	✓	<b>✓</b>				
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		✓	✓	✓	✓	<b>✓</b>	✓	✓	<b>✓</b>

 $^{\ast}$  4.5 when utilising platform matched componentry.



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

# SOUTHERN

IS GOING

# GREEN

Our journey towards a more sustainable future.





## Over 1000 Solar Panels

Spread across our facility in Irene, South Africa.



# More than 300kW generated

Enabling entire manufacturing facility to run Off-Grid!



## New Cardboard Packaging

New packaging in our new SP1 range decreases our **Carbon Footprint.** 

Visit our website to learn more

#### **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 STERILER Sterilisation using Irradiation
  - **EC REP** European Representative
  - **REF** Catalogue number
  - **LOT** Batch Code
  - Do not Resterilise
  - Consult instruction for use
  - 2 Do not reuse
  - CE mark and notified body number
  - Use by Date
  - Date of manufactured

    Do not use if package is damaged
  - MD Identifies the product as a medical device
  - MR Conditional / Magnetic Resonance Conditional
  - Single sterile barrier system
  - Double sterile barrier
- 5 2D Bar coding

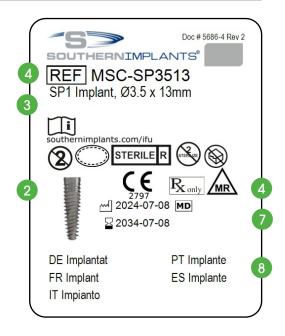
  Contains the GTIN, Use by date and LOT number
- Patient sticker for documentation purposes

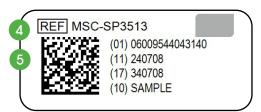
(to be used by health care provider on patient file)

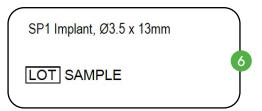
CAUTION: FEDERAL LAW RESTRICTS THE DEVICE TO SALE BY OR ON THE ORDER OF A LICENCED HEALTH PROVIDER.

8 Product description

(translated as per international standards)













#### Platform Interface







For more information scane below



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