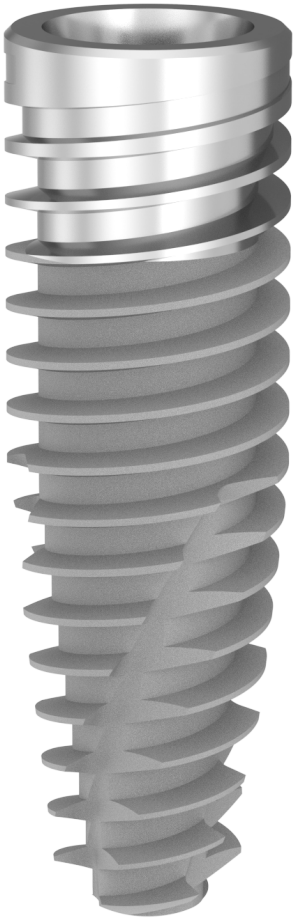
SOUTHERNIMPLANTS®
Innovative Treatment Solutions

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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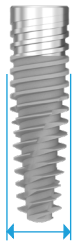
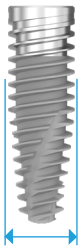
For more information scan the below

or visit
SOUTHERNIMPLANTS.COM

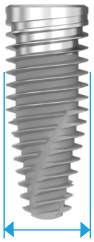
Ø3.5 / Ø4.0 / Ø5.0 mm Implants



Ø3.5 mm
MSC-SP35xx



Ø4.0 mm
MSC-SP40xx



Ø5.0 mm
MSC-SP50xx

(where the xx is implant length)

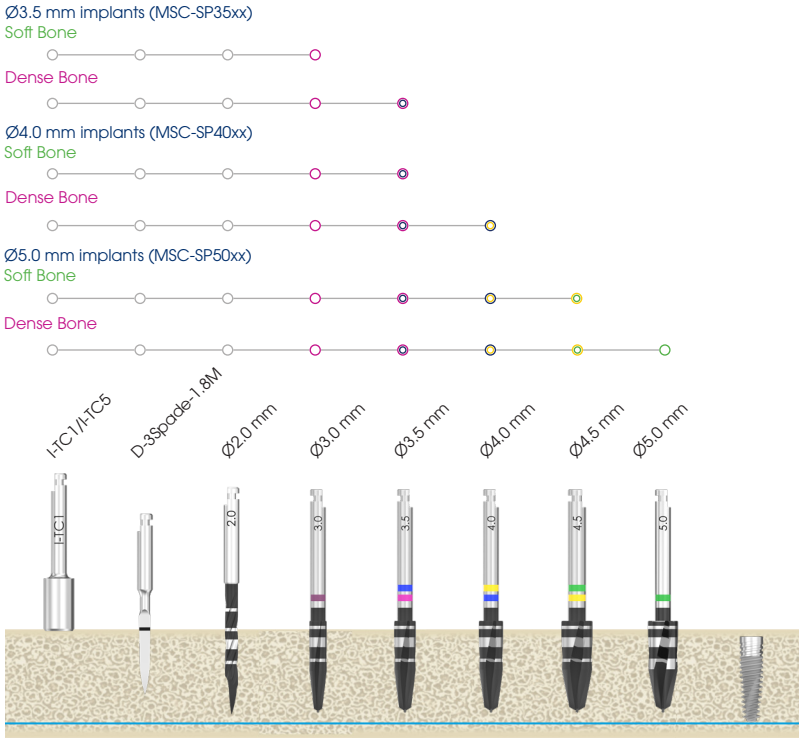
Implants are available in lengths of:

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

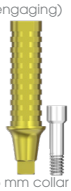
Laboratory Analogues

LAD-SP

(analogue and digital)

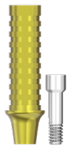
Prosthetic Components

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

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

*Packaged with titanium screw

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

Angulated Screw Channel Abutment

ASC-SP

(packed with screw)

Passive Abutment
4-piece kit

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

(packed with luting, lab and retaining screws)

Passive Abutment Screw

PA-SP-16T

1.22 Hex
Torque: 32 Ncm
Head Diameter: 2.40 Ncm

PA-SP-16B

Brass
(Blackened and for laboratory use only)

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

(sold seperatly)

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

MC-SP-x

1.5/2.5/3.5/4.5
Torque:
20 Ncm

MC-SP-17D-x

1.5/2.5/3.5
Torque:
20 Ncm

MC-SP-30D-X

1.5/2.5/3.5
Torque:
20 Ncm

(where x is collar height)

Healing Caps

HMCx

4/6

HMCT7x

4/6

Impression Copings

CMC1
(pick-up)

CMC2
(transfer)

CMC-ZG-2
(transfer)

SFT-MC-48
(scanning flag)

Titanium

Laboratory Analogues

LSMC1

LAD-MC

(digital analogue)

Prosthetic Components

GMC1

Gold

TMC1 / 5

Titanium
TMCSL
(long version)

PKC-MC

PEEK
Screw Torque:
10 -15 Ncm

SIB-TMC1

1 mm collar

PA-MC-48
(passive abutment)

ASC-TMC1
(angulated screw channel abutment)

(packed with screws)

Retaining Screws

1 Series Screw

TSH1

1.22 Hex
Torque:
10-15 Ncm

TSS1

Slotted
Torque:
10-15 Ncm

BSH1

1.22 Hex (Brass)
(Blackened and for laboratory use only)

TST1-ASC

Torx
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.

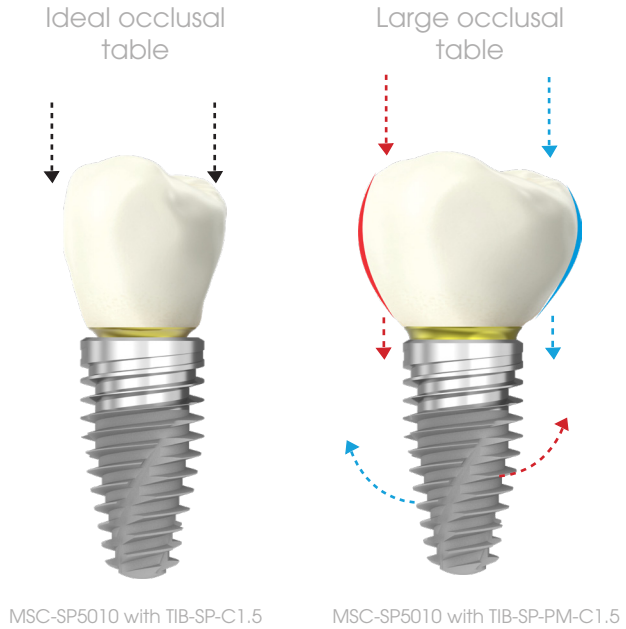


Fig. 1: with large occlusal tables, maximize the platform dimension with platform matched components.

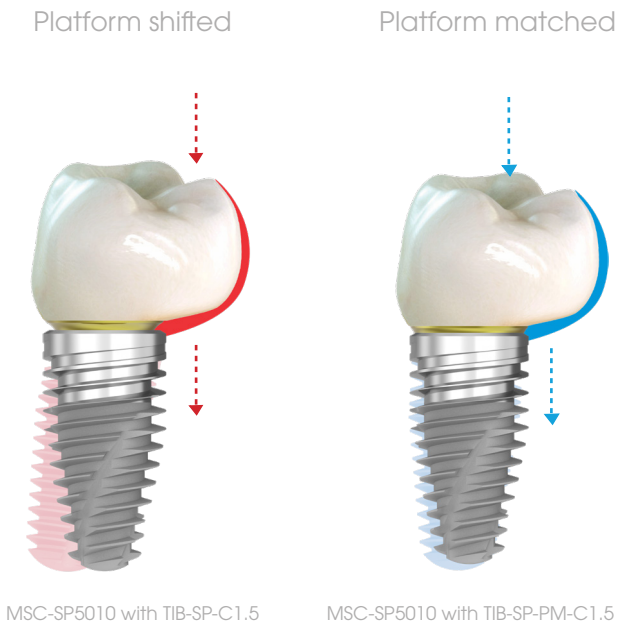


Fig. 2: excessive cantilevers - use platform matched components to compensate for non-ideal crown-implants ratios.

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

SIB-SP-PM-65C3 (engaging)

Ø6.5 platform 3 mm collar

SIB-SP-PM-65C5 (engaging)

Ø6.5 platform 5 mm collar

*Packaged with titanium screw

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

Passive Abutment 4-piece kit

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)

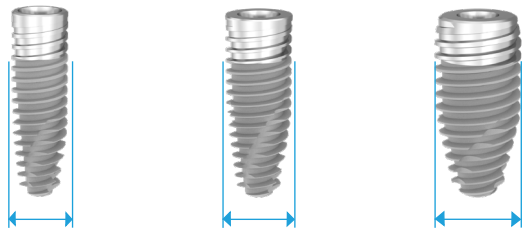
PA-SP-P (engaging) PA-NSP-P (non-engaging)

(sold seperatly)

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.



Ø3.75 mm	Ø4.5 mm	Ø6.0 mm
MSC-SP37xx	MSC-SP45xx	MSC-SP60xx
Standard interface	Standard interface	Standard interface
	Platform matched	Platform matched

(where the xx is implant length)

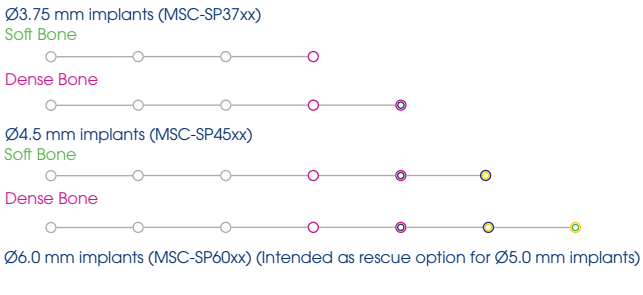
Implants are available in lengths of:

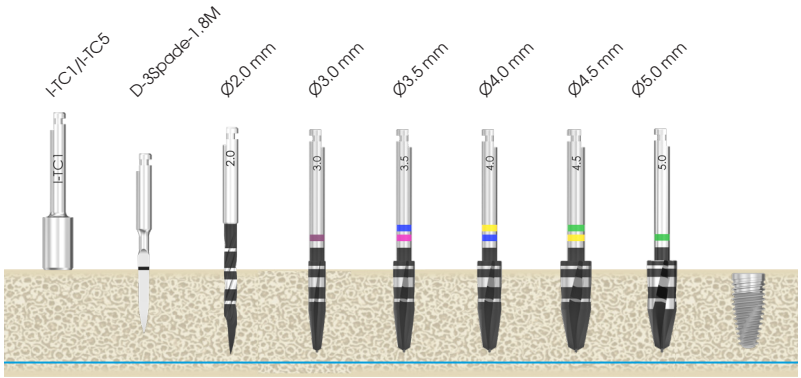
NOTE: implant dimensions and information - page 17.

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)

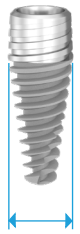




NOTE: Site preparation sequence recommended by Southern Implants® does not replace the judgment and experience of the surgeon.

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.

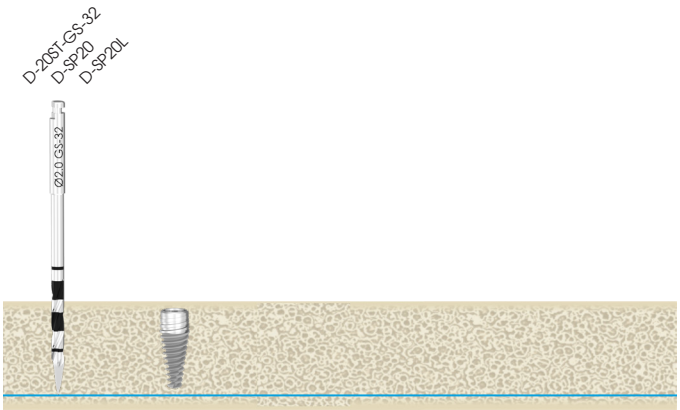
ITEM CODE	IMPLANT LENGTH (in mm)
PT-SP4010	10
PT-SP4011	11.5
PT-SP4013	13
PT-SP4015	15
PT-SP4018	18
PT-SP4020	20
PT-SP4022	22
PT-SP4024	24

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.

I-SP-EG for SP1 Freehand Surgical Tray

TOP TRAY

Initial Instruments
I-TC1
I-TC5

Pilot Drills
D-3SPADE-1.8M
D-SP20
D-SP20L

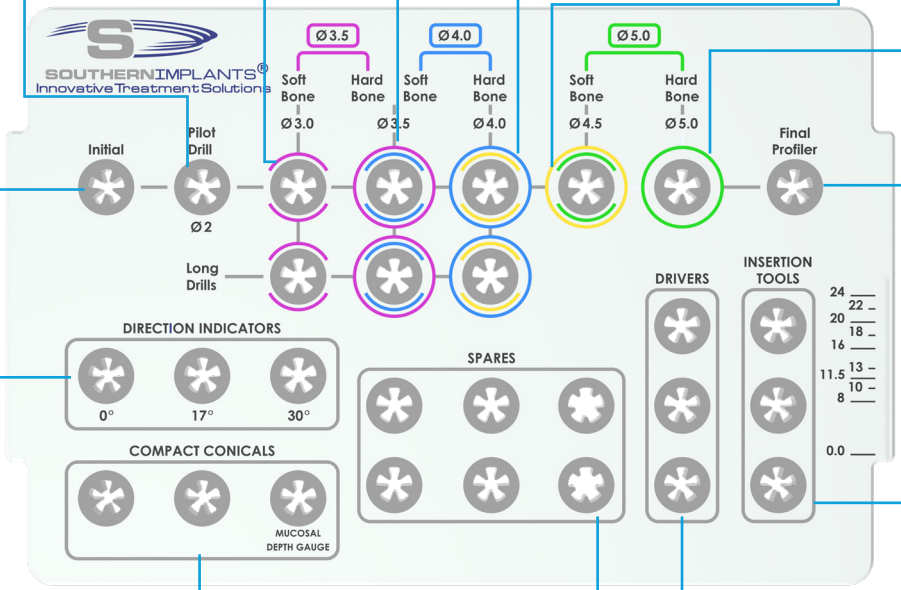
Ø3.0 Drills
D-SP30
D-SP30L

Ø3.5 Drills
D-SP35
D-SP35L

Ø4.0 Drills
D-SP40
D-SP40L

Ø4.5 Drills
D-SP45
D-SP45L

Ø5.0 Drills
D-SP50
D-SP50L



Cortical Countersink
D-CS-SP
11.5 mm
9.5 mm
7.5 mm
5.5 mm
3.5 mm
(optional drill used to relive pressure at cortical bone in hard bone cases)

Direction Indicators
I-DI
Ø2.8 mm
Ø2.0 mm

Angled Direction Indicators
I-DI-17D
I-DI-30D
Ø2.0 mm
Ø2.8 mm

Abutment Drivers
(Hex)

I-AD
Handheld

I-HAD
Handpiece Insert

I-WI-A
Wrench Insert

Mucosal Depth Gauge
I-MD-SP

Bone Mills
I-BM-SP-55
I-BM-SP-70

Hex Drivers
Hex (1.22 mm)

I-HD-S/M/L
Handheld

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

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

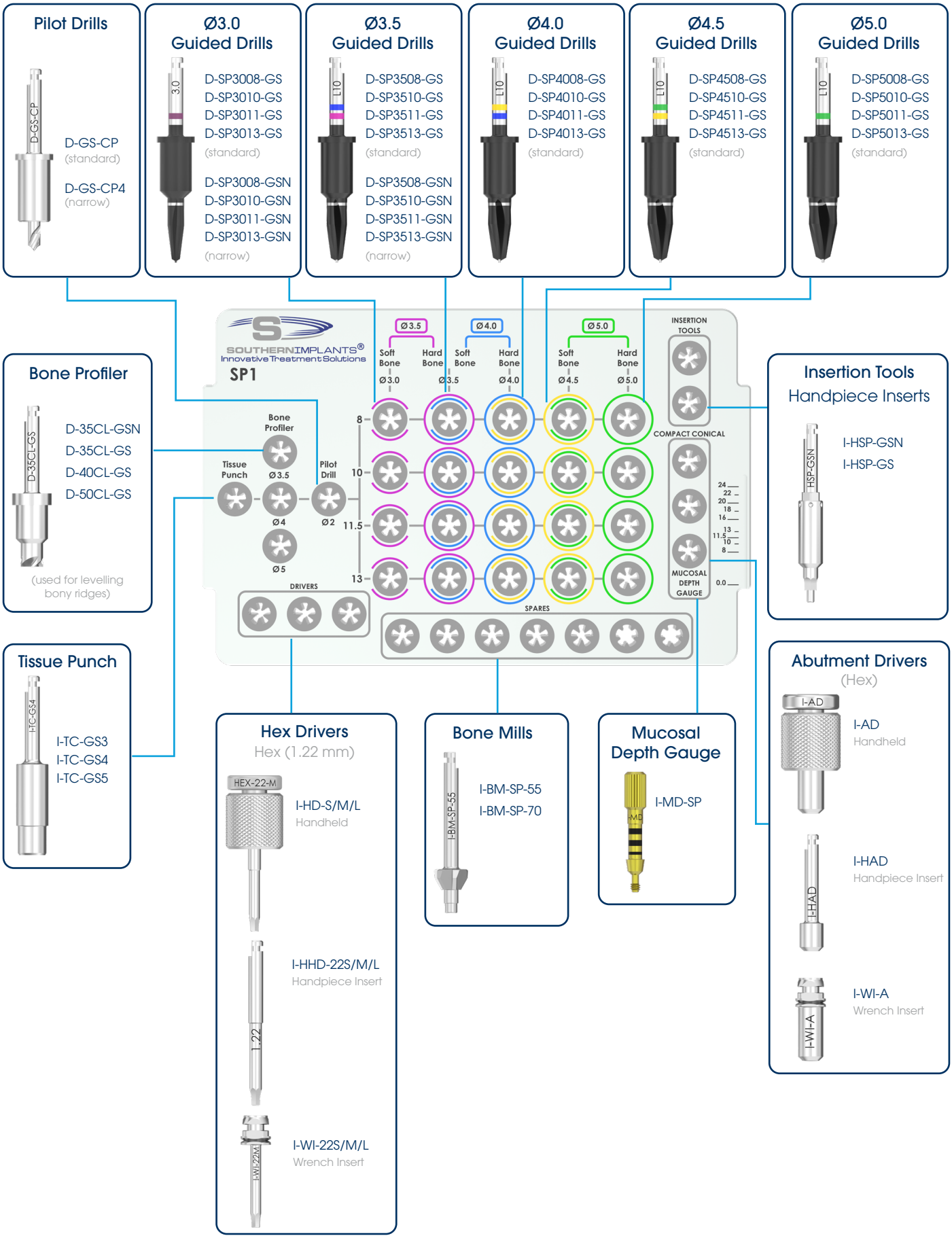
Insertion Tools
Handpiece Inserts

I-HSP-S
I-HSP-M

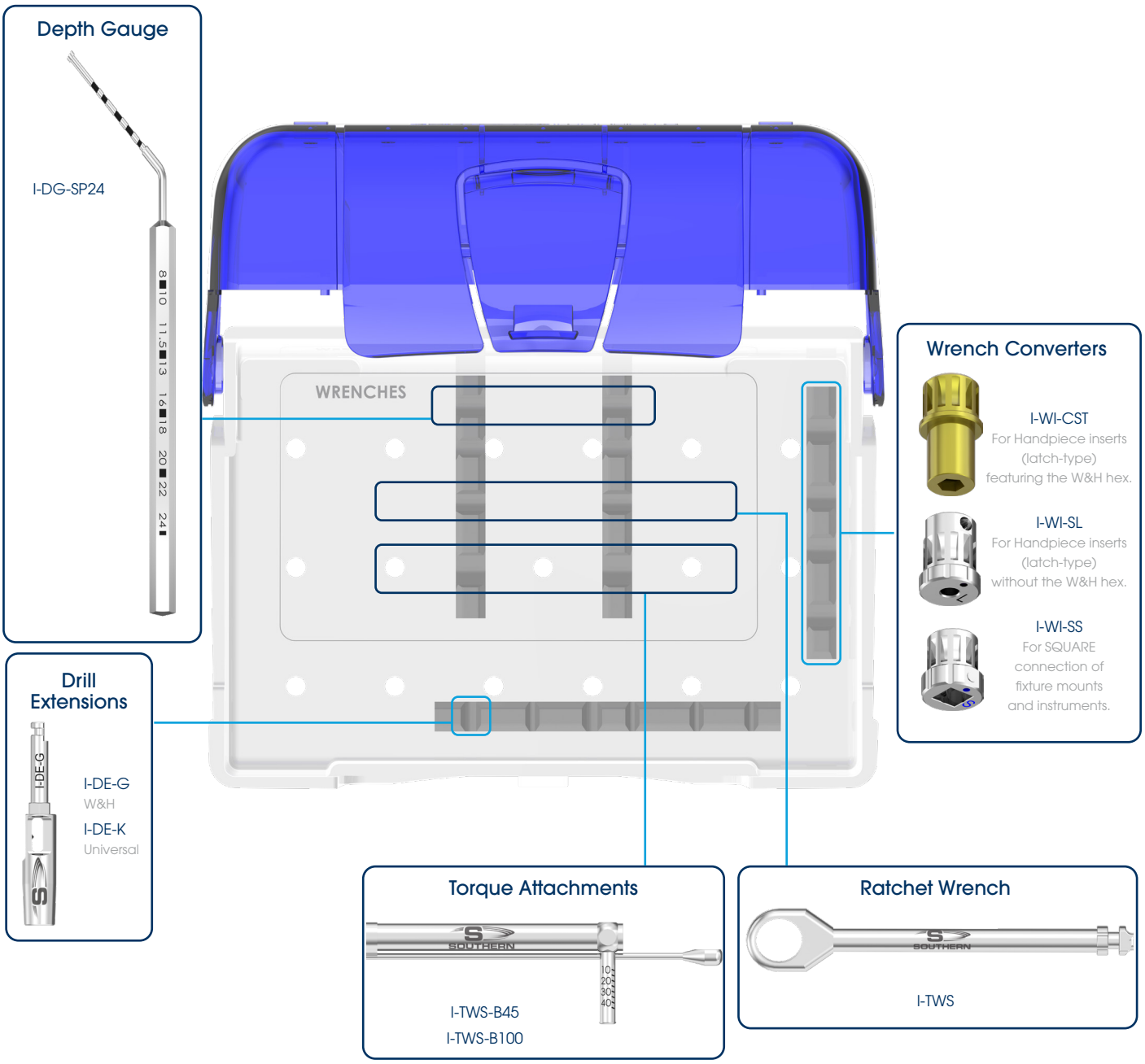
Wrench Inserts

I-WI-SP-S
I-WI-SP-M
I-WI-SP-L

TOP TRAY


Pilot Drills
D-GS-CP
(standard)
D-GS-CP4
(narrow)
Ø3.0 Guided Drills
D-SP3008-GS
D-SP3010-GS
D-SP3011-GS
D-SP3013-GS
(standard)
D-SP3008-GSN
D-SP3010-GSN
D-SP3011-GSN
D-SP3013-GSN
(narrow)
Ø3.5 Guided Drills
D-SP3508-GS
D-SP3510-GS
D-SP3511-GS
D-SP3513-GS
(standard)
D-SP3508-GSN
D-SP3510-GSN
D-SP3511-GSN
D-SP3513-GSN
(narrow)
Ø4.0 Guided Drills
D-SP4008-GS
D-SP4010-GS
D-SP4011-GS
D-SP4013-GS
(standard)
Ø4.5 Guided Drills
D-SP4508-GS
D-SP4510-GS
D-SP4511-GS
D-SP4513-GS
(standard)
Ø5.0 Guided Drills
D-SP5008-GS
D-SP5010-GS
D-SP5011-GS
D-SP5013-GS
(standard)
SOUTHERNIMPLANTS®
Innovative Treatment Solutions
SP1
Ø3.5
Ø4.0
Ø5.0
Soft Bone
Hard Bone
Ø3.0
Ø3.5
Ø4.0
Ø4.5
Ø5.0
INSERTION TOOLS
COMPACT CONICAL
MUCOSAL DEPTH GAUGE
Bone Profiler
Tissue Punch
Pilot Drill
Ø3.5
Ø4
Ø2
Ø5
DRIVERS
SPARES
Bone Profiler
D-35CL-GSN
D-35CL-GS
D-40CL-GS
D-50CL-GS
(used for levelling bony ridges)
Insertion Tools
Handpiece Inserts
I-HSP-GSN
I-HSP-GS
Tissue Punch
I-TC-GS3
I-TC-GS4
I-TC-GS5
Hex Drivers
Hex (1.22 mm)
I-HD-S/M/L
Handheld
I-HHD-22S/M/L
Handpiece Insert
I-WI-22S/M/L
Wrench Insert
Bone Mills
I-BM-SP-55
I-BM-SP-70
Mucosal Depth Gauge
I-MD-SP
Abutment Drivers
(Hex)
I-AD
Handheld
I-HAD
Handpiece Insert
I-WI-A
Wrench Insert

BOTTOM TRAY



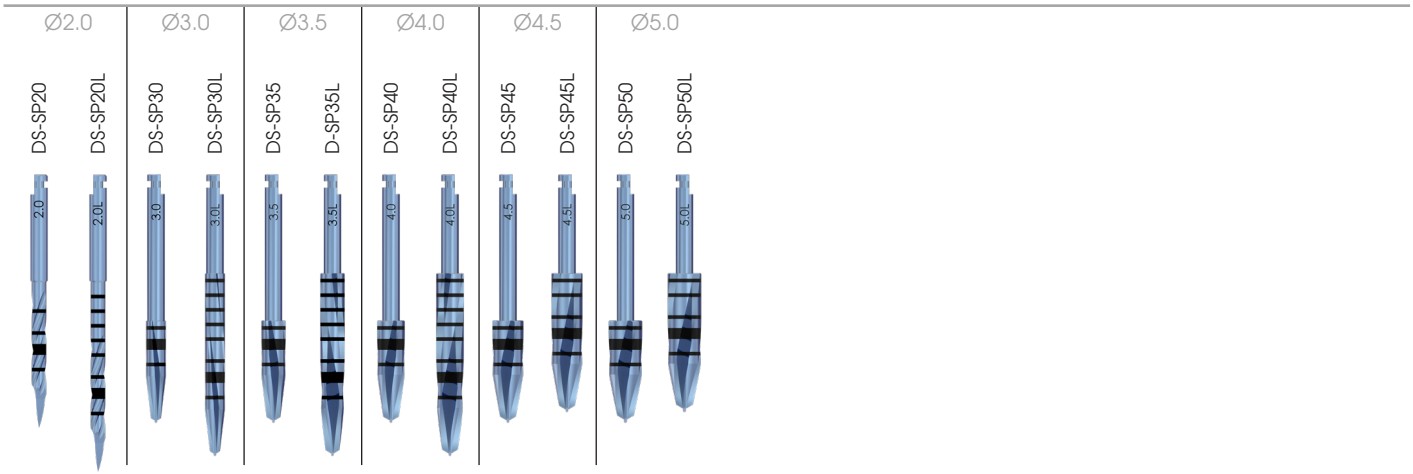
NOTE:

- 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.

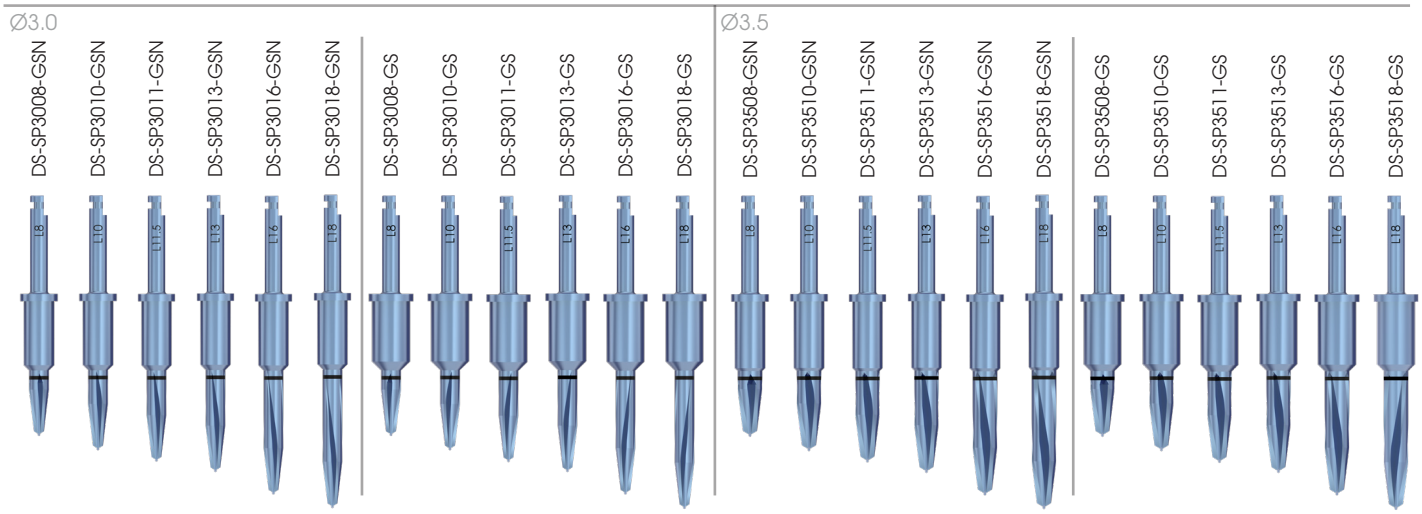
Drill Information

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

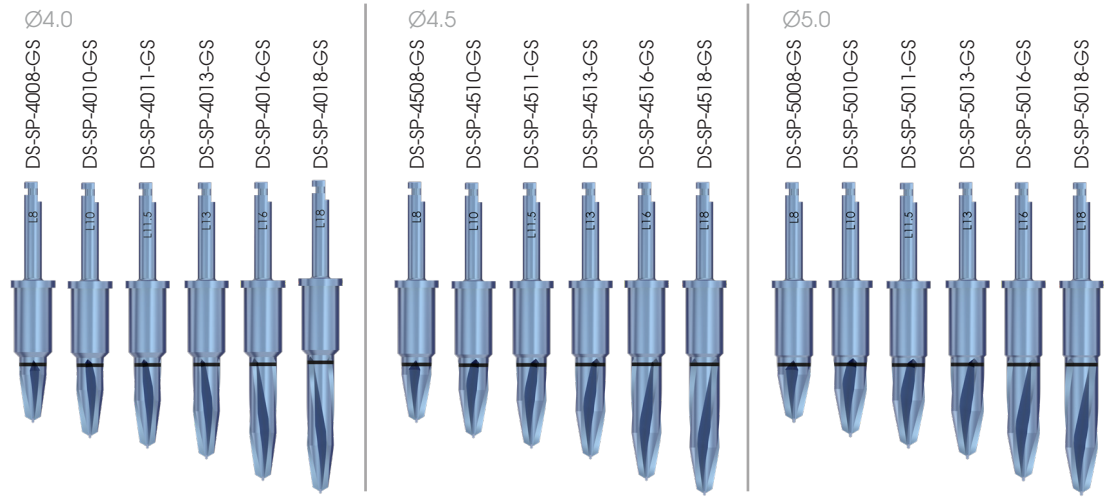
Single use drills (Freehand Surgery)



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

I-GS-6252-L4

I-GSF-6252-L4
anti-rotational flat
I-GSF-6252-L4-P5
5 pack

I-GSF-6252-L6
anti-rotational flat

I-GS-6252-L9

Open ('C') Sleeves

I-GSC-6252-L4

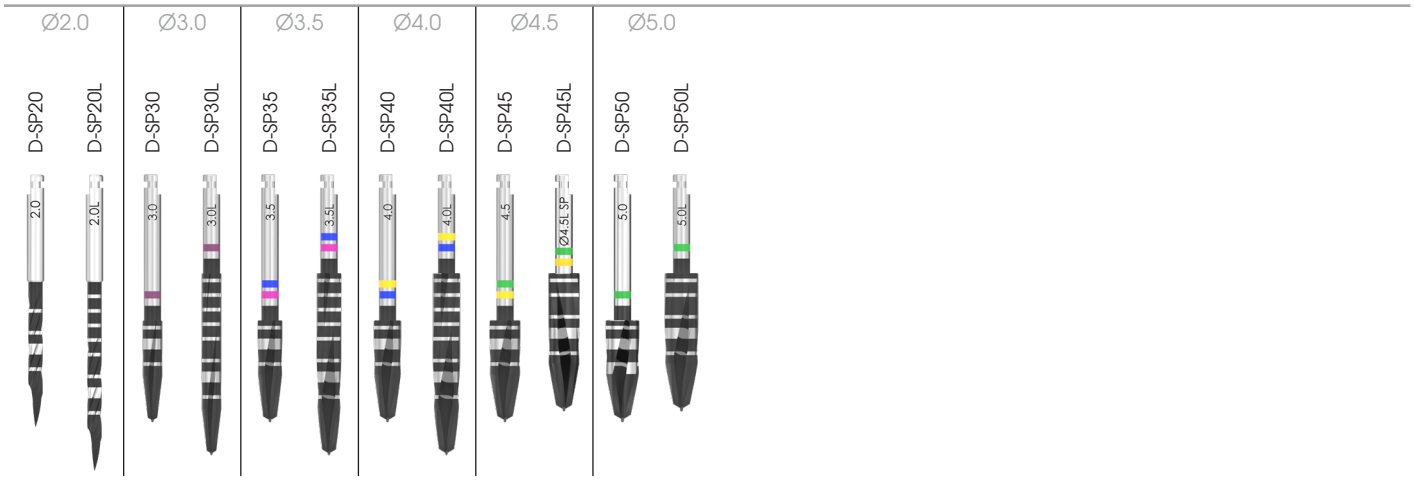
I-GSCF-6252-L6
anti-rotational flat

I-GSC-6252-L9

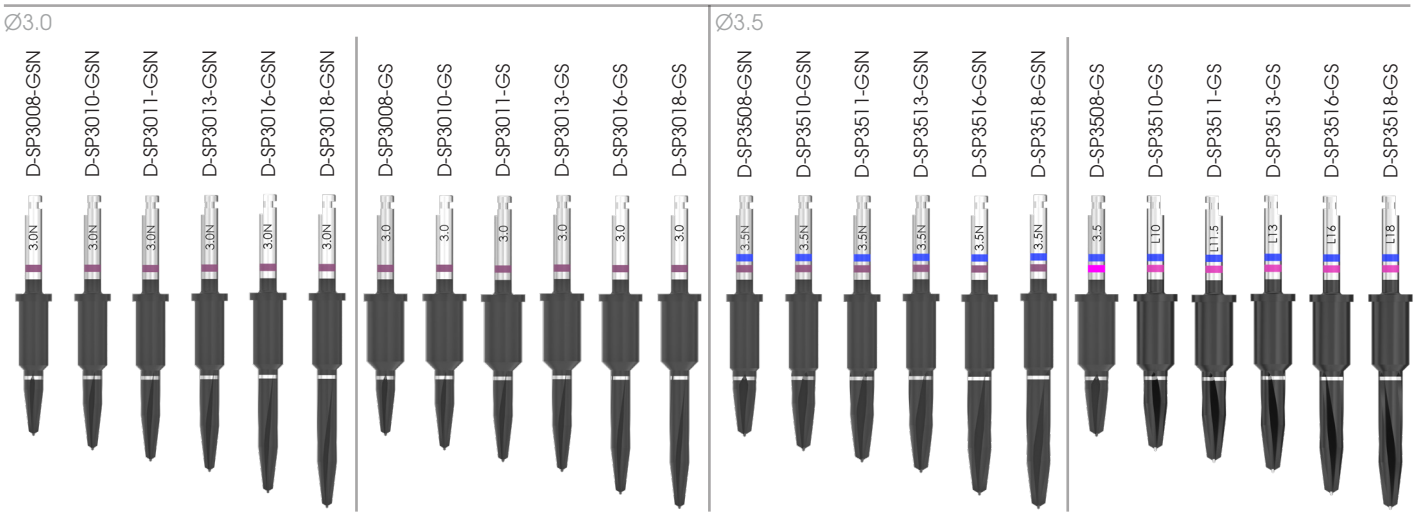
Drill Information

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.

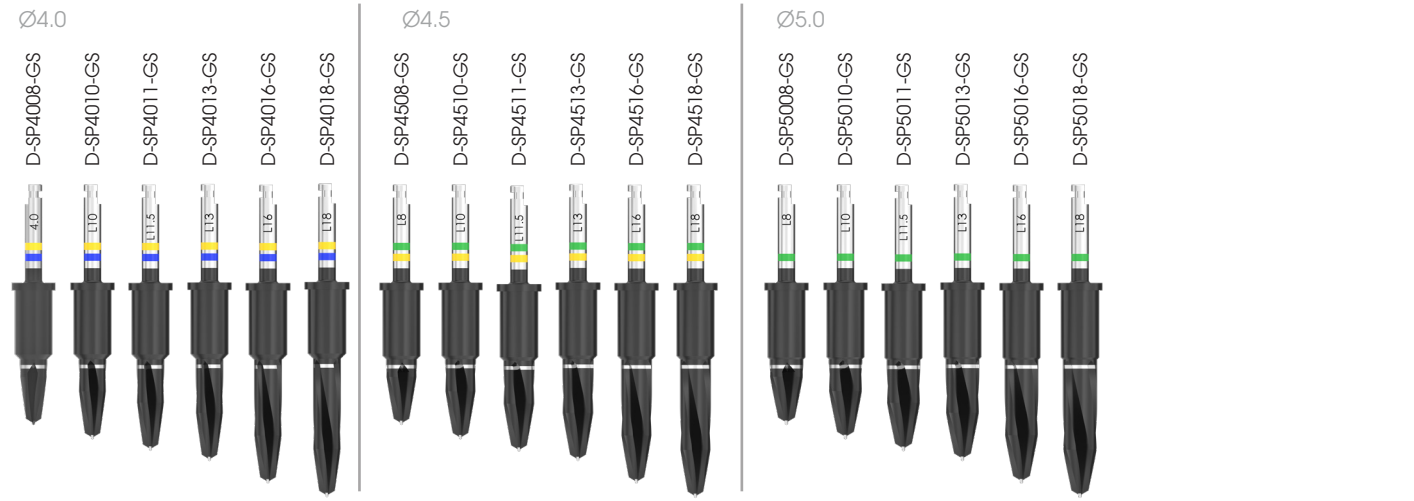
Reusable drills (Freehand Surgery)



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

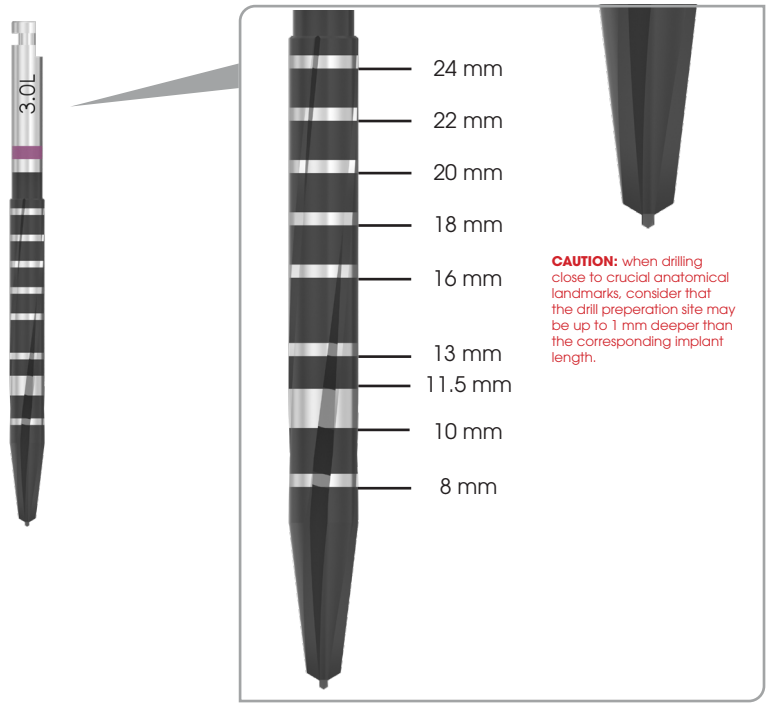
Open ('C') Sleeves

I-GSC-5142-L4

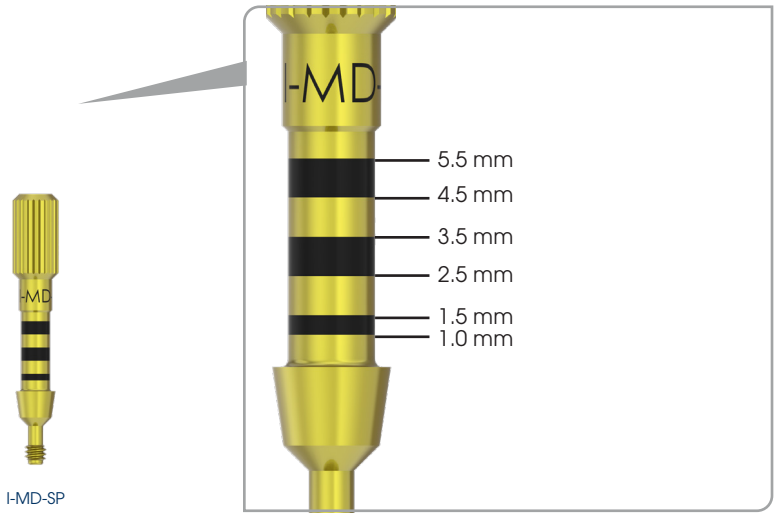
I-GSC-5142-L9

Laser Markings

Dedicated SP1 drill markings

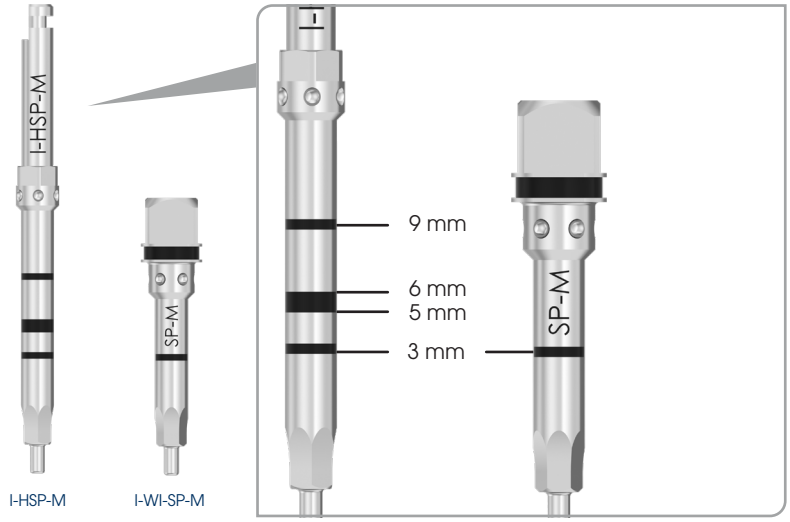


Mucosal Depth Gauge markings



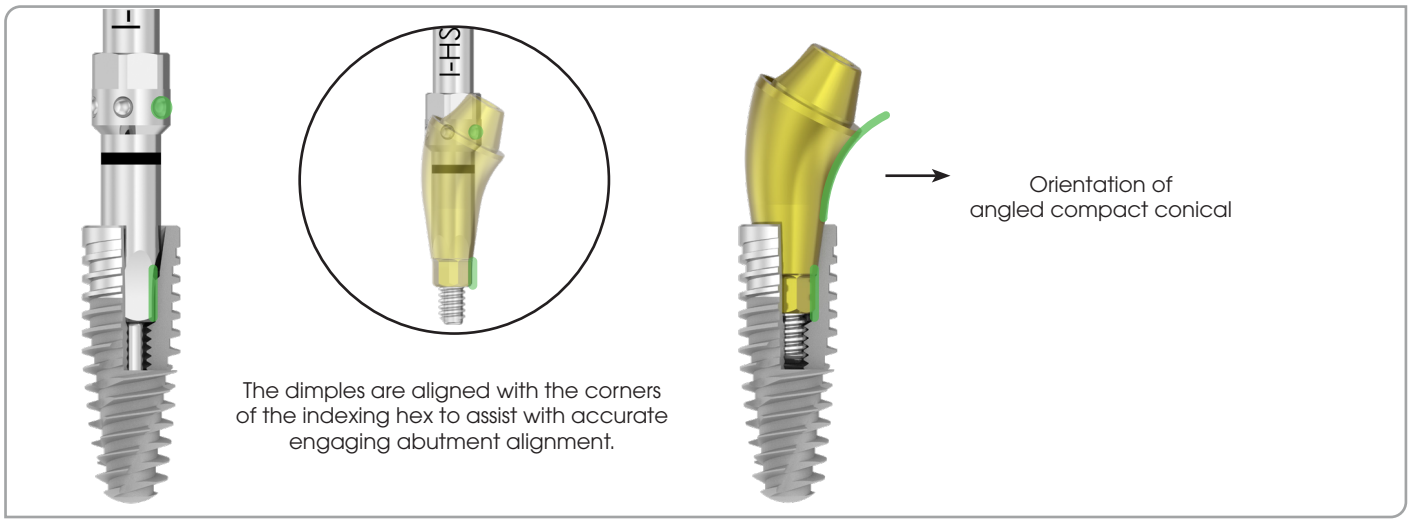
Placement Tool

Placement tool depth markings



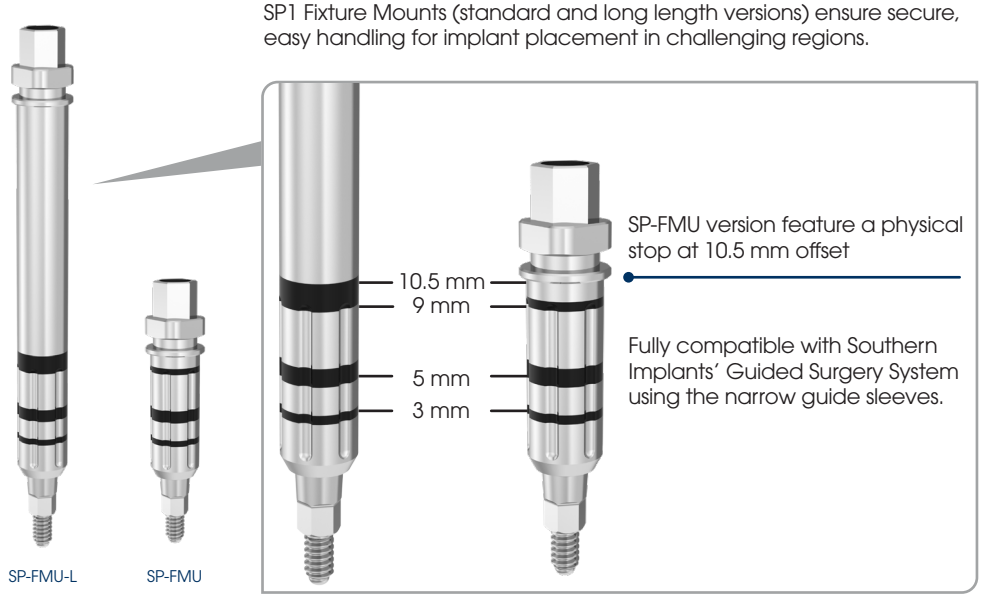
NOTE: laser markings at 3 mm, 5 mm, 6 mm and 9 mm from implant platform.

Placement tool dimples alignment for indexing



SP1 Fixture mount

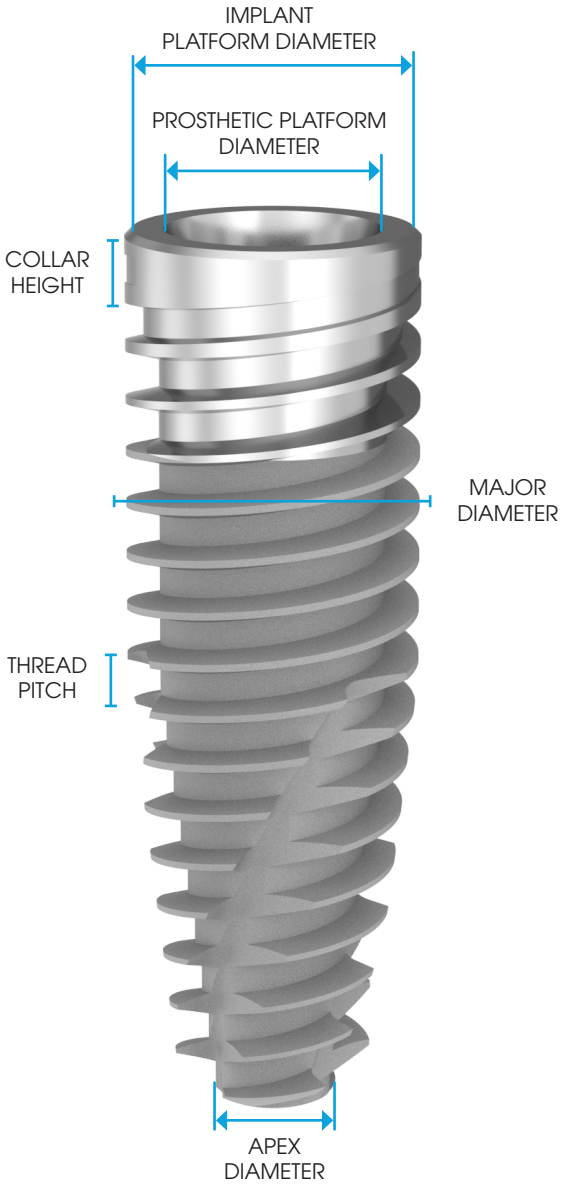
SP1 Fixture Mounts (standard and long length versions) ensure secure, easy handling for implant placement in challenging regions.



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. STERILE R Sterilisation using irradiation

   EC REP European representative

   REF Catalogue number

   LOT Batch code

   Do not resterilise

   Consult instruction for use

   Do not reuse

   CE Ce mark and notified body number

   Use by date

   Date of manufactured

   Do not use if package is damaged

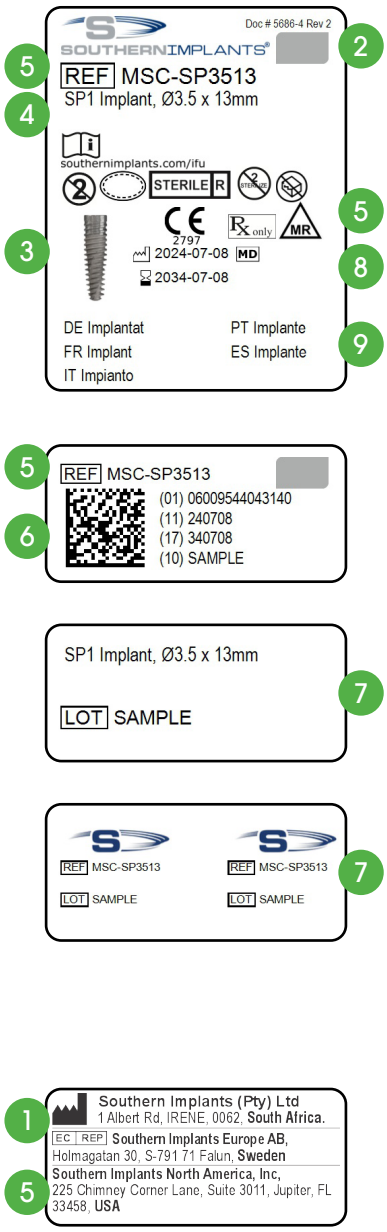
   MD Identifies the product as a medical device

   MR 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. Rx 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

Standard (SP) Interface

Platform Matched (SP-PM) Interface

For more information scan below

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