



SP1 Implant Range

Southern's Single Platform Implant System

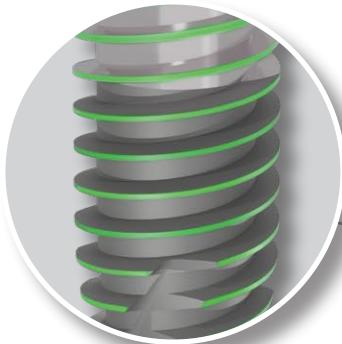


SINGLE PLATFORM

Expanding

Thread and body design to give predictable stability

Dual start, deep apical threads with plentiful space for bone between threads, leads to consistent placement.



Designed to control insertion torque and optimise stability.

Spiral flute to balance self-tapping and compression.



Energy-efficient practices

Environmental awareness and sustainable business practices is a Southern priority.

Complete solar power generation and energy-efficient drives reduce our environmental footprint and conserve resources.

Simplicity



Over 25 Years of Trusted Integration

Backed by over 25 years of documented clinical performance, the Synergy Surface embodies trust and consistency.

Designed for Long-Term Soft-Tissue Harmony

Machined Surface Coronally implants offer a predictable treatment alternative compared to moderately rough implants.²

The 3 mm Machined Surface Coronally design offers lasting confidence and stability, even in cases of soft-tissue exposure.



This award confirms Southern's adherence to the highest quality level in the production of our dental implant ranges.

Simplicity

Environmentally sustainable

Southern's focus towards responsible manufacturing is a dedicated investment to a more sustainable future.



Superior biological outcomes with Titanium Nitride coatings

Indicated to reduce early bacterial colonisation, bio-film formation and enhance fibroblast cell proliferation and attachment.¹

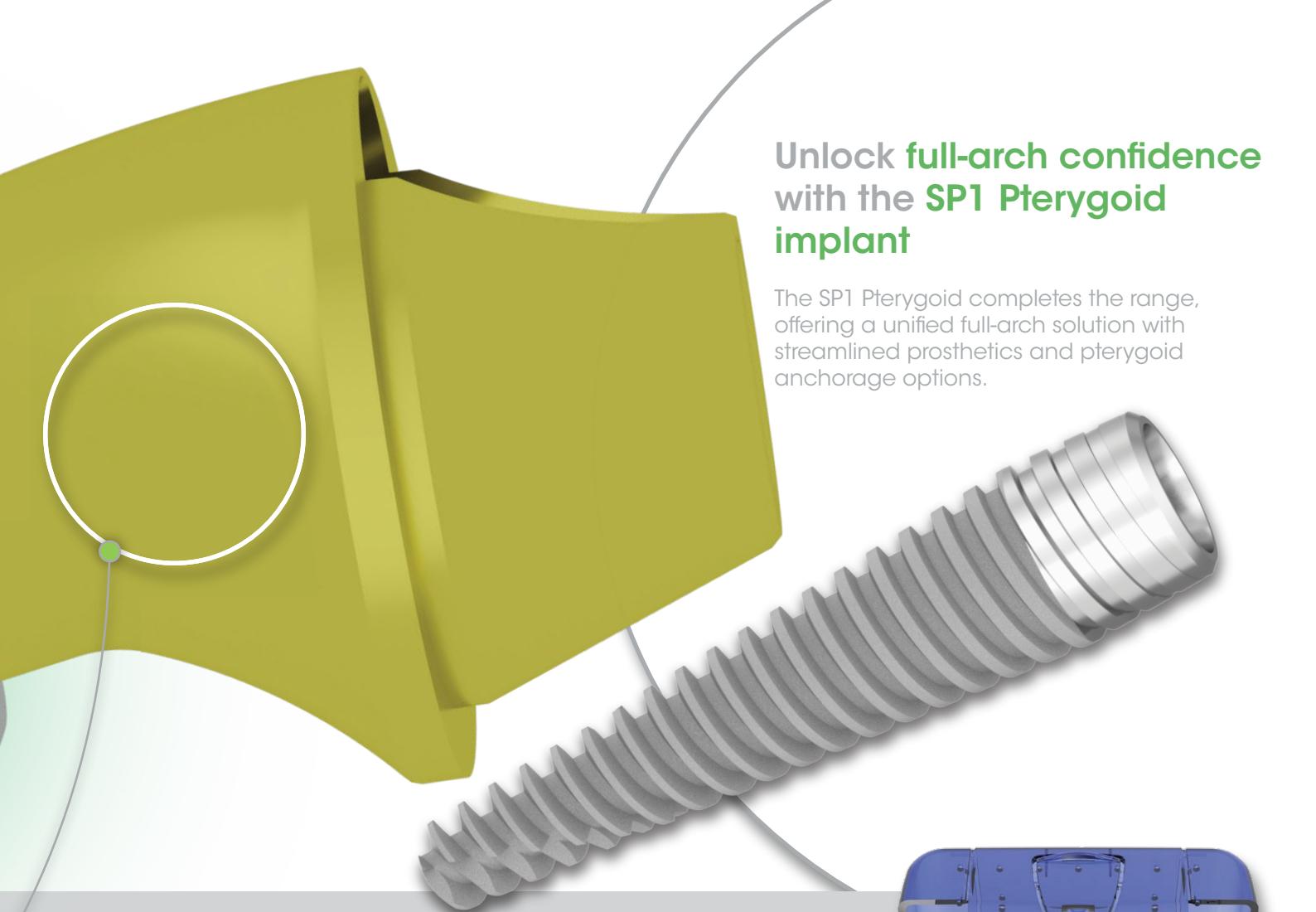
Secure connection

A combination of two trusted connections:

Internal cone (8° off the vertical axis) which Southern has been using for over 20 years, provides a tight abutment seal.

Long **Internal hex** facilitates tactile feel during the placement of prosthetic components.





Unlock full-arch confidence with the SP1 Pterygoid implant

The SP1 Pterygoid completes the range, offering a unified full-arch solution with streamlined prosthetics and pterygoid anchorage options.

One prosthetic platform across all implant diameters

Simplified Implant Planning and Guided Surgery Procedures

Achieved through the use of **ONE** fixed offset.

Simplified Surgery

Utilise **ONE** surgical kit for all procedures.

Simplified Full Arch Prosthetics

Made possible by the **ONE**-size prosthetic platform.



$\varnothing 3.5$ mm



$\varnothing 3.75$ mm



$\varnothing 4$ mm



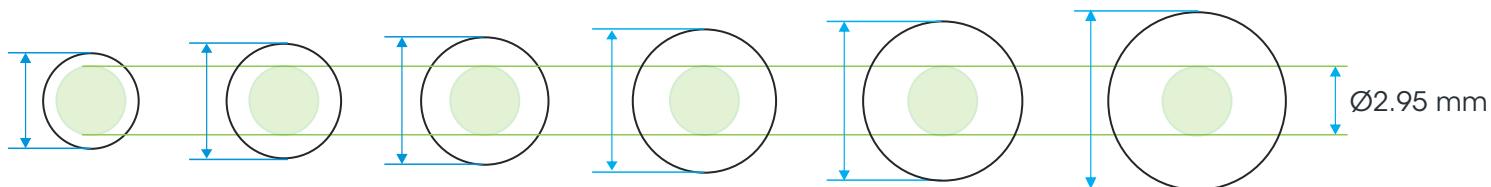
$\varnothing 4.5$ mm



$\varnothing 5$ mm



$\varnothing 6$ mm

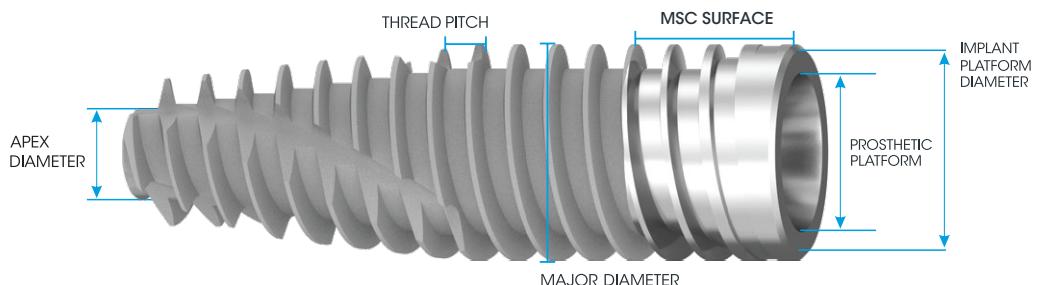


Platform matching available for the $\varnothing 4.5$, $\varnothing 5$ and $\varnothing 6$ mm range.

IMPLANT DIMENSIONS AND INFORMATION

SINGLE PLATFORM	MAJOR DIAMETER	IMPLANT PLATFORM DIAMETER	PROSTHETIC PLATFORM	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	1.6	2.0		✓	✓	✓	✓	✓	✓	✓	✓

*4.5 when utilising platform matched componentry.



AN EXTENSIVE RANGE OF PROSTHETIC OPTIONS ENGINEERED WITH SUPERIOR ROBUSTNESS



References

- Chouirfa, H., Bouloussa, H., Migonney, V. and Falentin-Daudré, C., 2019. Review of titanium surface modification techniques and coatings for antibacterial applications. *Acta biomaterialia*, 83, pp.37-54.
- Glibert M, Matthys C, Van Lancker A, Segers A, De Bruyn H. A Long-Term Split-Mouth Randomized Controlled Trial to Assess Implant Treatment Outcome Using Implants with a Different Surface Roughness. *Applied Sciences*. 2024; 14(4):1658

For more information scan the below



to contact your Southern Implants Representative
or visit southernimplants.com



South Africa - Headquarters 1 Albert Road, Irene, RSA
T: +27-12-667-1046 | E: info@southernimplants.com

EC REP

Southern Implants Europe AB Holmgatan 30, S-791 71, Falun, Sweden
E: ecrep@southernimplants.com

Subsidiaries

Australia

Southern Implants Australia
T: +61-8-9466-2627
E: info@southernimplants.com.au

Spain and Portugal

Southern Implants Ibérica
T: +34-935-053-507
E: info@southernimplants.es

United Kingdom and Ireland

Southern Implants UK
T: +44-20-805-94490
E: info@southernimplants.co.uk

USA and Canada

Southern Implants North America Inc.
T: +1-561-472-0990
E: customercare@southernimplants.com

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