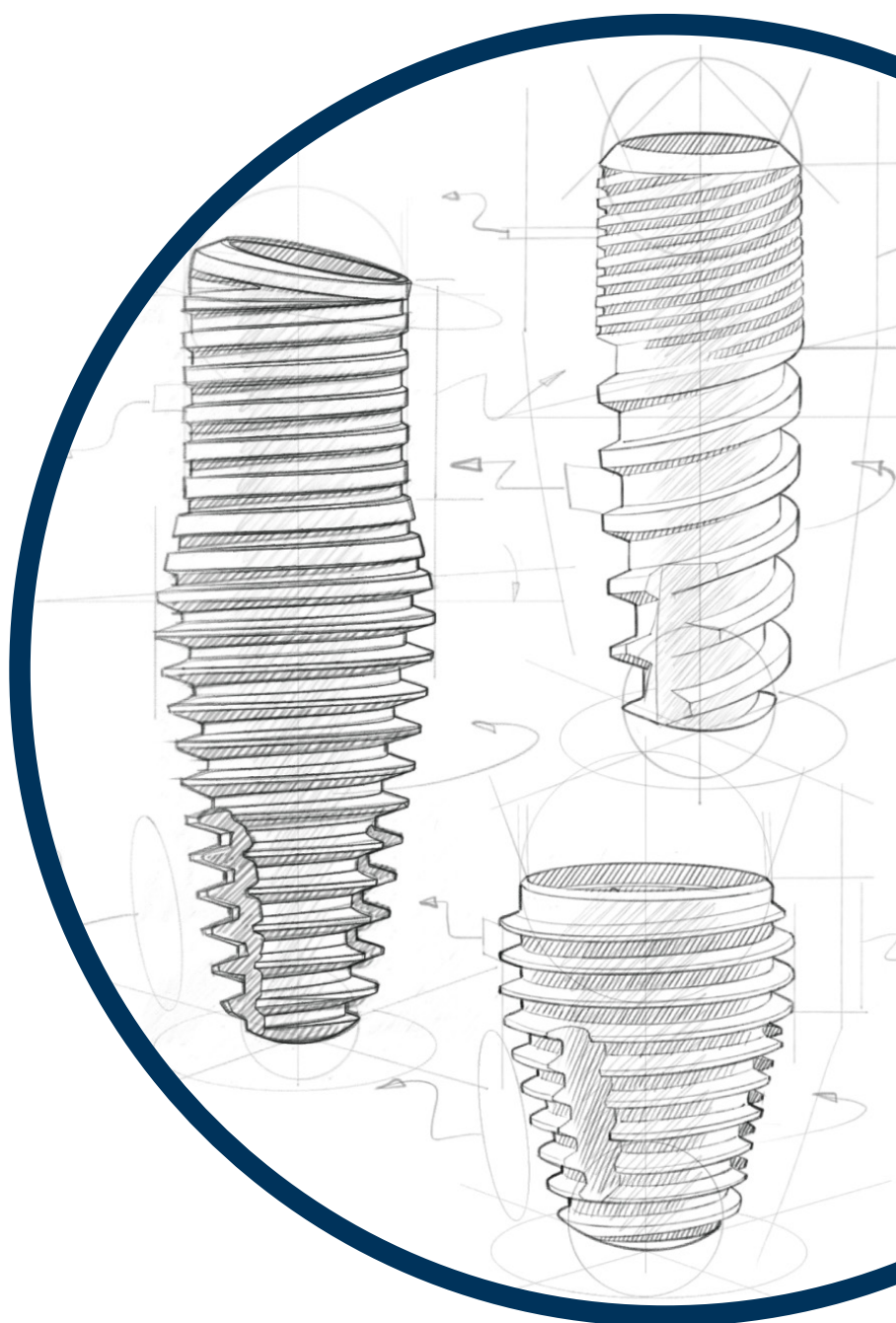




## PRODUCT BROCHURE

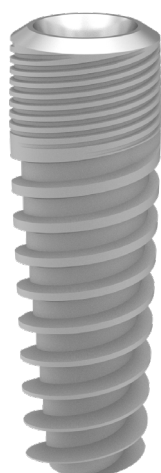


## DEEP CONICAL

The Deep Conical (DC) implant features an 11° (to the vertical) internal conical connection interface with a double hex anti-rotation feature, providing a tight implant-abutment seal and superior implant-abutment rigidity.

The state-of-the-art design features microthreads on the neck, a built-in platform shift, highly effective self-tapping thread and the Southern Implants' SInergy surface (with over 25 years of proven clinical success). The option of tapered and cylindrical body shapes, offers practitioners a versatile and trustworthy tool for effective treatment for the full range of indications.

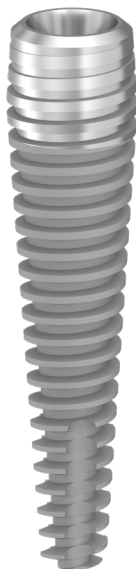
In full arch cases, clinicians aim to maintain a large AP spread without compromising their primary stability. Southern's Pterygoid implants adds another tool to the clinician's armamentarium to enable optimal clinical outcomes.



Tapered



INVERTA®



Pterygoid  
Co-Axis®

	CODE	LENGTHS	Cylindrical or Tapered
Ø3.0	DCT30xx	9 / 11 / 13 / 15	T
	DCC30xx	11 / 13 / 15	C
Ø3.5	DCT35xx	8 / 9 / 11 / 13 / 15	T
	DCC35xx	8 / 9 / 11 / 13 / 15	C
Ø4.0	DCT40xx	6 / 8 / 9 / 11 / 13 / 15	T
	DCC40xx	6 / 8 / 9 / 11 / 13 / 15	C
Ø5.0	DCT50xx	9 / 11 / 13 / 15	T
	DCC50xx	9 / 11 / 13 / 15	C
	DCR50xx	6 / 8	T

### INVERTA®

	CODE	LENGTHS	MSC	Cylindrical or Tapered
Ø3.0 - Ø3.7	IV-DC30-37xx	8 / 9 / 11 / 13 / 15	✓	T
Ø3.5 - Ø4.5	IV-DC35-45xx	8 / 9 / 11 / 13 / 15	✓	T
Ø4.0 - Ø5.0	IV-DC40-50xx	8 / 9 / 11 / 13 / 15	✓	T
Ø5.0 - Ø6.0	IV-DC50-60xx	10 / 11 / 13 / 15	✓	T

### PTERYGOID

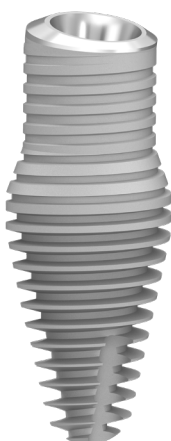
	CODE	LENGTHS	MSC	Cylindrical or Tapered
Ø4.0	PT-DC40xx	10 / 11 / 13 / 15 / 18 / 20 / 22 / 24	✓	T

## Co-Axis®

\* Prosthetic platform angled at 12°



Co-Axis®



INVERTA®  
Co-Axis®

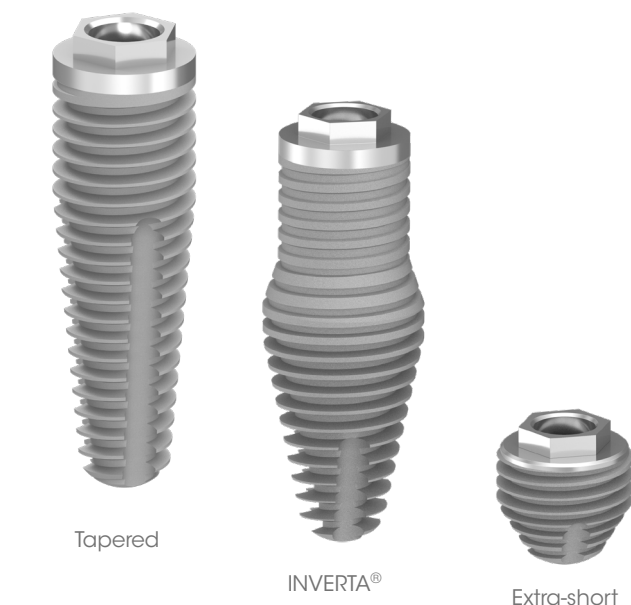
	CODE	LENGTHS	Cylindrical or Tapered
Ø3.5	DCT35xx12D	8 / 9 / 11 / 13 / 15	T
	DCC35xx-12D	8 / 9 / 11 / 13 / 15	C
Ø4.0	DCT40xx-12D	8 / 9 / 11 / 13 / 15	T
	DCC40xx-12D	8 / 9 / 11 / 13 / 15	C
Ø5.0	DCT50xx-12D	9 / 11 / 13 / 15	T
	DCC50xx-12D	9 / 11 / 13 / 15	C

	CODE	LENGTHS	MSC	Cylindrical or Tapered
Ø3.5 - Ø4.5	IV-DC3512D-45xx	11 / 13 / 15	✓	T
Ø4.0 - Ø5.0	IV-DC4012D-50xx	11 / 13 / 15	✓	T

## EXTERNAL HEX

The External Hex interface is the most established connection on the market and is the preferred choice for many training institutions and top-end users. Many clinicians continue to prefer the External Hex for its ease of use, widespread availability, long history of clinical success and from mere personal preference.

It is also known to be more "forgiving" in situations of impassive fit or implant divergence.



Co-Axis®

	CODE	LENGTHS	MSC	Cylindrical or Tapered
Ø3.0	IP-xx	8.5 / 10 / 11.5 / 13 / 15	✓	T
Ø3.25	IBNxx	8.5 / 10 / 11.5 / 13 / 15 / 18		C
	IBNTxx	8.5 / 10 / 11.5 / 13 / 15 / 18	✓	T
Ø3.75	IBSxx	7 / 8.5 / 10 / 11.5 / 13 / 15 / 18 / 20	✓	C
	IBlxx*	7 / 8.5 / 10 / 11.5 / 13 / 15 / 18 / 20		C
Ø4.0	IBTxx	6 / 8.5 / 10 / 11.5 / 13 / 15 / 18	✓	T
	IBTlxx*	10 / 11.5 / 13 / 15		T
	IETx	4		T
	IETlx	4		T
Ø5.0	BAxx	6 / 7 / 8.5 / 10 / 11.5 / 13 / 15 / 18	✓	C
	BAIxx*	7 / 8.5 / 10 / 11.5 / 13 / 15 / 18		C
	BATxx	6 / 8.5 / 10 / 11.5 / 13 / 15 / 18	✓	T
	BATlxx*	10 / 11.5 / 13 / 15 / 18		T
Ø6.0	BBBTxx	6 / 8.5 / 10 / 11.5 / 13 / 15 / 18		T
	BBBTlxx*	11.5 / 13 / 15		T

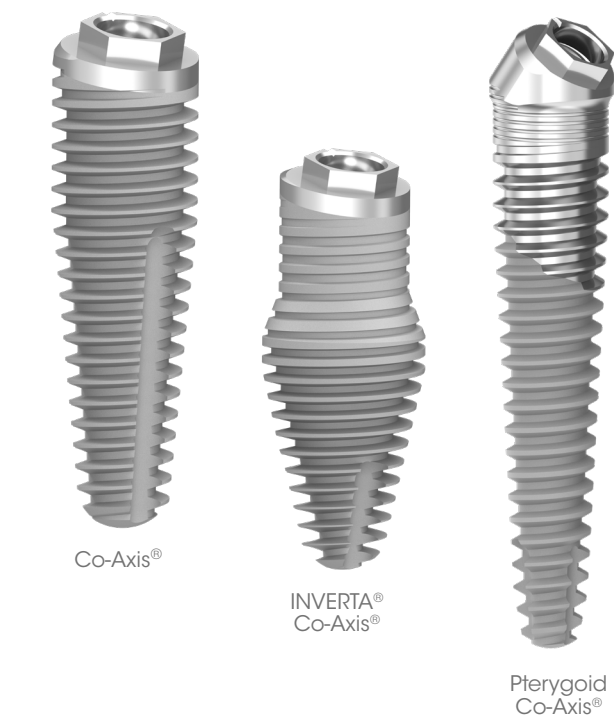
\* Internal drive implants (no fixture mount)

### INVERTA®

	CODE	LENGTHS	MSC	Cylindrical or Tapered
Ø3.0 - Ø3.7	IV-EX30-37xx	10 / 11 / 13 / 15	✓	T
Ø3.5 - Ø4.0	IV-EX35-45xx	10 / 11 / 13 / 15	✓	T
Ø4.0 - Ø5.0	IV-EX40-50xx	10 / 11 / 13 / 15	✓	T
Ø5.2 - Ø6.0	IV-EX52-60xx	10 / 11 / 13 / 15	✓	T

\* Prosthetic platform angled at 12°, 24° or 3

\* Supplied with fixture mount



	CODE	LENGTHS	MSC	Cylindrical or Tapered
Ø3.25	IBNT12D-xx	8.5 / 10 / 11.5 / 13 / 15 / 18	✓	T
Ø4.0	IBT12D-xx	8.5 / 10 / 11.5 / 13 / 15 / 18	✓	T
	IBR12D-xx	8.5 / 10 / 11.5 / 13 / 15 / 18	✓	T
	IBR24D-xx	8.5 / 10 / 11.5 / 13 / 15 / 18 / 20 / 22 / 24	✓	T
	MSC-IBR36D-xx	8.5 / 10 / 11.5 / 13 / 15 / 18 / 20 / 22 / 24	✓	T
Ø5.0	BAT12D-xx	10 / 11.5 / 13 / 15 / 18	✓	T
	BAR12D-xx	8.5 / 10 / 11.5 / 13 / 15 / 18	✓	T
	BAR24D-xx	8.5 / 10 / 11.5 / 13 / 15 / 18	✓	T
	BAR36D-xx	10 / 11.5 / 13 / 15 / 18 / 20 / 22 / 24	✓	T
Ø6.0	BBBT12D-xx	10 / 11.5 / 13 / 15 / 18		T
	BBBT24D-xx	10 / 11.5 / 13 / 15 / 18		T

\* Prosthetic platform angled at 12°

### INVERTA®

	CODE	LENGTHS	MSC	Cylindrical or Tapered
Ø3.0 - Ø3.7	IV-EX3512D-37xx	11 / 13 / 15	✓	T
Ø3.5 - Ø4.5	IV-EX3512D-45xx	11 / 13 / 15	✓	T
Ø4.0 - Ø5.0	IV-EX4012D-50xx	11 / 13 / 15	✓	T
Ø5.2 - Ø6.0	IV-EX5212D-60xx	11 / 13 / 15	✓	T

### PTERYGOID

	CODE	LENGTHS	MSC	Cylindrical or Tapered
Ø4.0	MSC-IBR36D-xx	20 / 22 / 24	✓	T

EXTERNAL HEX

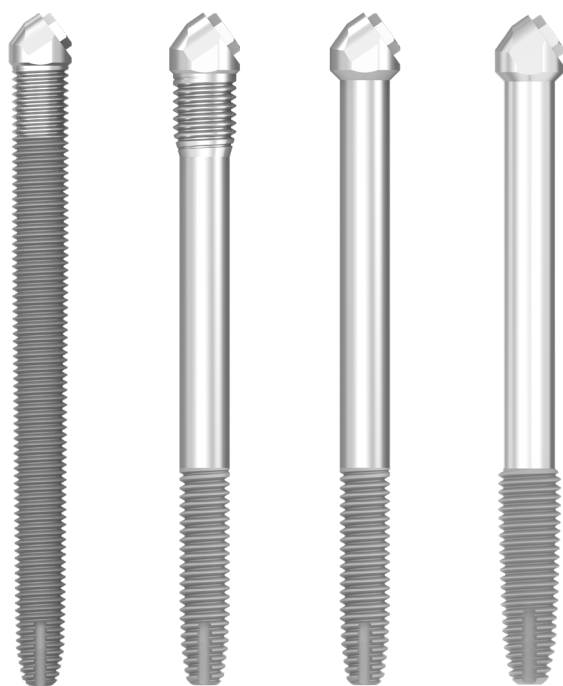
Zygomatic and Oncology

The Zygomatic and Oncology implants are designed for implantation in the zygoma, with an angled restorative platform for optimal aesthetic results. The ZYGEX and ZYGAN® implants features a narrow (Ø3.4 mm) apex with a smooth mid-section. All implants feature the MSC coronal region.

The ZYGIN implant family is equipped with a narrower fixture mount and implant head and is indicated for patients with severe atrophy of the alveolar ridge.

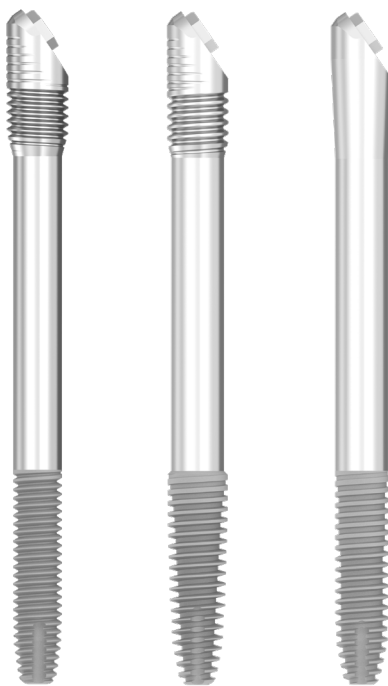
The ZYGIN-W implant features a wider apical region, allowing its use a rescue implant enabling immediate treatment protocols. The ZYGON implant acts a robust oncology implant compatible with ZYGIN components.

ZYGOMATIC FAMILY

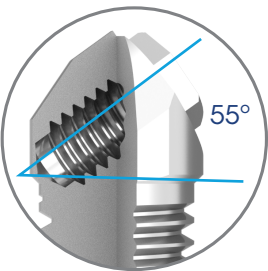


ZYG      ZYGAN®      ZYGEX      ONC

ZYGIN FAMILY



ZYGIN      ZYGIN-W      ZYGON



	CODE	LENGTHS	MSC
Ø4.3 with Ø2.8 apex	ZYGAN-xx	30 / 32.5 / 35 / 37.5 / 40 / 42.5 / 45 / 47.5 / 50 / 52.5 / 55 / 57.5 / 60	✓
	ZYGEX-xx	30 / 32.5 / 35 / 37.5 / 40 / 42.5 / 45 / 47.5 / 50 / 52.5 / 55 / 57.5 / 60	✓
	ZYGIN-xx	30 / 32.5 / 35 / 37.5 / 40 / 42.5 / 45 / 47.5 / 50 / 52.5 / 55 / 57.5 / 60	✓
	ZYGIN-W	30 / 32.5 / 35 / 37.5 / 40 / 42.5 / 45 / 47.5 / 50 / 52.5 / 55 / 57.5 / 60	✓
	ZYGON-xx	30 / 32.5 / 35 / 37.5 / 40 / 42.5 / 45 / 47.5 / 50 / 52.5 / 55 / 57.5 / 60	✓
MAX Ø4.3 with Ø3.0 apex	ZYG-55-xxN	35 / 37.5 / 40 / 42.5 / 45 / 47.5 / 50 / 52.5 / 55 / 60	✓
	ONC-55-xxN	27.5 / 32.5 / 37.5 / 42.5 / 47.5	✓



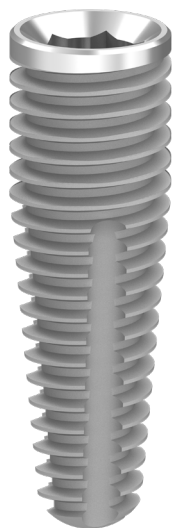
MAX

	CODE	LENGTHS	MSC	Cylindrical or Tapered
Ø6.0	MAX-6-xx	6 / 7 / 9 / 11	✓	T
Ø7.0	MAX-7-xx	7 / 9 / 11	✓	T
Ø8.0	MAX-8-xx	7 / 9 / 11	✓	T
Ø9.0	MAX-9-xx	7 / 9 / 11	✓	T

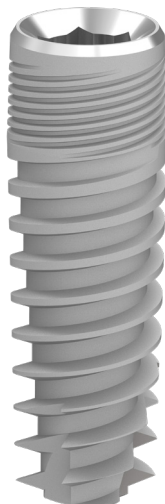
## INTERNAL HEX (PROVATA® and M-Series)

The PROVATA® implant is the combination of 2 proven designs: Southern Implants' external hex body with an internal hex connection. The same implant body shape and thread as the external hex allows the same surgical kit and site preparation sequence. The PROVATA® and M-Series implants' (Internal Hex) connection is precision machined for maximum stability and implant-abutment sealing. It provides excellent tactile sensibility during placement and connection of prosthetic parts.

### PROVATA®



PROVATA®



M-Series

	CODE	LENGTHS	MSC	Cylindrical or Tapered
Ø3.3	MSC-PRO3xx	8 / 10 / 11 / 13 / 15 / 18	✓	T
	MSC-PRO3xxNF	8 / 10 / 11 / 13 / 15 / 18	✓	T
Ø4.0	PRO4xx	6 / 8 / 10 / 11 / 13 / 15 / 18	✓	T
Ø5.0	PRO5xx	8 / 10 / 11 / 13 / 15 / 18	✓	T
Ø6.0*	MSC-PRO6xx	8 / 10 / 11 / 13 / 15 / 18	✓	T

\* Wide Interface

(F) in code indicates with fixture mount.

'NF' in the item code denotes that the implant is packaged without a multipurpose fixture mount.

### M-SERIES

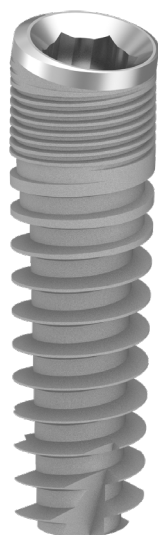
	CODE	LENGTHS	
Ø3.7	IM-T37xx	8 / 10 / 11 / 13 / 15	T
Ø4.2	IM-42xx	8 / 10 / 11 / 13 / 15 / 18	T
Ø5.0	IM-T50xx	8 / 10 / 11 / 13 / 15	T

\* Prosthetic platform angled at 12°

## Co-Axis®



PROVATA®  
Co-Axis®



M-Series  
Co-Axis®

### PROVATA®

	CODE	LENGTHS	MSC	Cylindrical or Tapered
Ø3.3	MSC-PRO12D3xx	8 / 10 / 11 / 13 / 15 / 18	✓	T
Ø4.0	PRO12D4xx	8 / 10 / 11 / 13 / 15 / 18	✓	T
Ø5.0	PRO12D5xx	8 / 10 / 11 / 13 / 15 / 18	✓	T

### M-SERIES

	CODE	LENGTHS	
Ø4.2	IM-T42xx-12D	8 / 10 / 11 / 13 / 15 / 18	T

## PROMAX®



PROMAX®

	CODE	LENGTHS	MSC	Cylindrical or Tapered
Ø6.0	PROMAX6xx	7 / 9 / 11	✓	T
Ø7.0*	PROMAX7xx	7 / 9 / 11	✓	T
Ø8.0*	PROMAX8xx	7 / 9 / 11	✓	T
Ø9.0*	PROMAX9xx	7 / 9 / 11	✓	T

\* Wide Interface

(F) in code indicates with fixture mount.

TRI-NEX®

TRI-NEX® implants feature a tri-lobe connection with an additional internal hexagon for implant insertion. This design allows the primary driving forces for implant insertion on the hex, protecting the integrity of the lobes for prosthetic fit during restorative procedures. The implant platform features a bevelled edge creating a forced “platform switching” for prosthetic components



Tapered

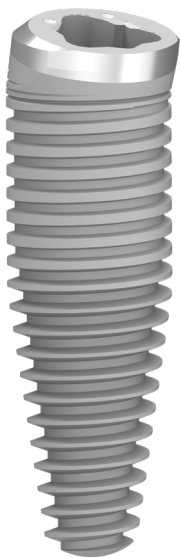


Cylindrical

	CODE	LENGTHS	Cylindrical or Tapered
Ø3.5	IA-LH-35-xx	8 / 10 / 11.5 / 13 / 16	T
	IA-LHS-35-xx	8 / 10 / 11.5 / 13 / 15	C
Ø4.3	IA-LH-43-xx	8 / 10 / 11.5 / 13 / 16	T
	IA-LHS-43-xx	8 / 10 / 11.5 / 13 / 15	C
Ø5.0	IA-LH-50-xx	8 / 10 / 11.5 / 13 / 16	T
	IA-LHS-50-xx	8 / 10 / 11.5 / 13 / 15	C
Ø6.0	IA-LH-60-xx	8 / 10 / 11.5 / 13 / 16	T

Co-Axis®

\*Prosthetic platform angled at 12°



Co-Axis®



Co-Axis®

	CODE	LENGTHS	Cylindrical or Tapered
Ø4.3	IA43-12D-xx	10 / 11.5 / 13 / 16	T
Ø5.0	IA50-12D-xx	10 / 11.5 / 13 / 16	T

TRI-MAX®



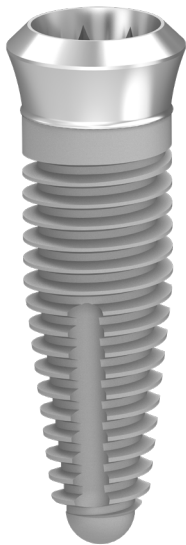
TRI-MAX®

	CODE	LENGTHS	Cylindrical or Tapered
Ø7.0	TRI-MAX7-xx	7 / 9 / 11	T
Ø8.0	TRI-MAX8-xx	7 / 9 / 11	T
Ø9.0	TRI-MAX9-xx	7 / 9 / 11	T

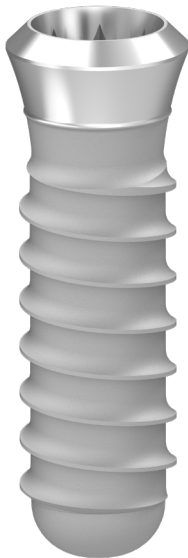


IT (Internal Octagon)

The IT implant features a machined neck making it an ideal solution for clinicians looking for a tissue level implant. The implant also features a 45° bevel top. These implants are available in both cylindrical and tapered body shapes depending on the implant diameter.



Tapered



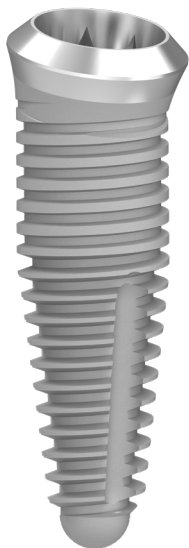
Cylindrical

	CODE	LENGTHS	Cylindrical or Tapered
Ø3.3	ITC3xx	6 / 8 / 10 / 12 / 14	C
	ITC3xxF	6 / 8 / 10 / 12 / 14	C
Ø4.0	ITT4xx	8 / 10 / 12 / 14	T
	ITT4xxF	8 / 10 / 12 / 14	T
Ø4.1	ITC4xx	6 / 8 / 10 / 12 / 14	C
	ITC4xxF	6 / 8 / 10 / 12 / 14	C
Ø5.0	ITT5xx	8 / 10 / 12 / 14	T
	ITT5xxF	8 / 10 / 12 / 14	T
Ø4.9	ITC5xx	6 / 8 / 10 / 12 / 14	C
	ITC5xxF	6 / 8 / 10 / 12 / 14	C
Ø6.0*	ITT6xx	8 / 10 / 12	T
	ITT6xxF	8 / 10 / 12	T

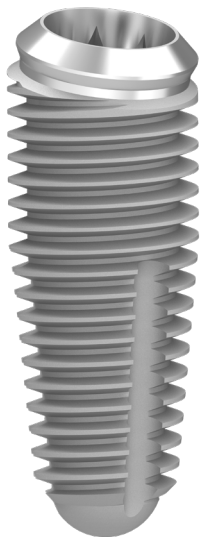
\* Wide Interface  
(F) in code indicates with fixture mount.

Co-Axis®

\*Prosthetic platform angled at 12°  
\* Supplied with fixture mount



Co-Axis®



Co-Axis®

	CODE	LENGTHS	Cylindrical or Tapered
Ø4.0	ITST12D-4xxF	8 / 10 / 12 / 14	T
Ø5.0	ITST12D-5xxF	8 / 10 / 12 / 14	T

MAXIT®

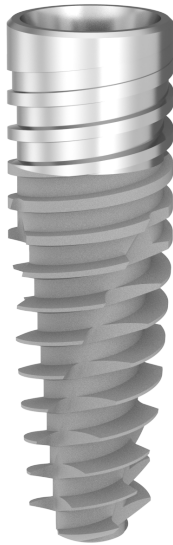


MAXIT®

	CODE	LENGTHS	Cylindrical or Tapered
Ø7.0	MAXIT7-xxF	7 / 9 / 11	T
Ø8.0	MAXIT8-xxF	7 / 9 / 11	T
Ø9.0	MAXIT9-xxF	7 / 9 / 11	T

## SP1 (Single Platform)

The Single Platform SP1 implant system is Southern Implants' first implant range utilising one prosthetic platform across all implant diameters within the range. This promotes prosthetic simplicity and reduced prosthetic inventory requirements.



Tapered

	CODE	LENGTHS	MSC	Cylindrical or Tapered
Ø3.5	MSC-SP35xx	08 / 10 / 11 / 13 / 16 / 18 / 20 / 22 / 24	✓	T
Ø3.7	MSC-SP37xx	08 / 10 / 11 / 13 / 16 / 18 / 20 / 22 / 24	✓	T
Ø4.0	MSC-SP40xx	08 / 10 / 11 / 13 / 16 / 18 / 20 / 22 / 24	✓	T
Ø4.5	MSC-SP45xx	08 / 10 / 11 / 13 / 16 / 18	✓	T
Ø5.0	MSC-SP50xx	08 / 10 / 11 / 13 / 16 / 18	✓	T
Ø6.0	MSC-SP60xx	08 / 10 / 11 / 13 / 16	✓	T

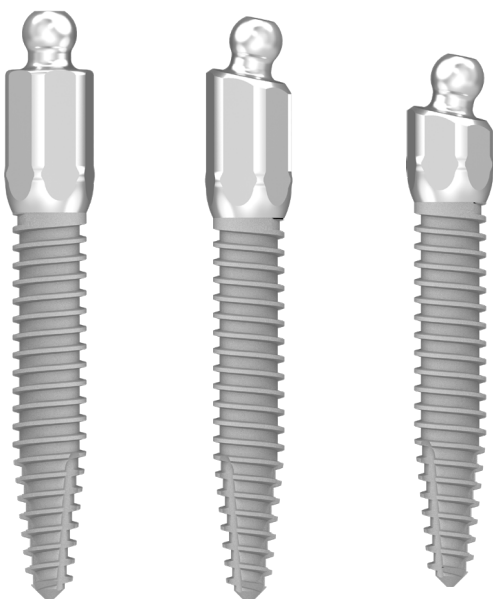
SP1 Pterygoid implants

Ø4.0	PT-SP40xx	10 / 11 / 13 / 15 / 18 / 20 / 22 / 24	✓	T
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## ILZ Mini Implants

The use of the mini dental implants to retain complete overdentures provides an alternative treatment modality for elderly patients in the management of unretentive dentures. Minimally invasive dentistry is of increasing importance to the modern dentist and where appropriate can be applied to improve denture stability and function for patients.<sup>1</sup>

1. *European Journal of Prosthodontics and Restorative Dentistry (2018) 26, 190-196*



Co-Axis®

Co-Axis®

	CODE	LENGTHS	Cylindrical or Tapered
Ø2.4	ILZxx	8.5 / 10 / 13	T

Co-Axis®

	CODE	LENGTHS	Cylindrical or Tapered
Ø2.4	ILZ12D-3xx	10 / 13	T
Ø2.4	ILZ12D-5xx	10 / 13	T



# SUSTAINABLE BY DESIGN

Precision with Purpose.  
Sustainability in Practice.



## POWERING PROGRESS SUSTAINABILITY

Over 300 kW generated,  
enabling our entire  
manufacturing facility  
to operate off-grid.



## HARNESSING THE POWER OF THE SUN

Over 1000 solar panels  
installed across our  
Irene facility  
in South Africa.



## SMARTER PACKAGING FOR A GREENER FUTURE

Our new SP1 range,  
features cardboard  
packaging that reduces  
our carbon footprint.

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.

For more information scan below



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



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