Internal Octagon 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 characterized 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®, sub-crestal angle correcting implant, available in angulations of 12°, 24° & 36° and various internal and external connections.
- MAX implant, specifically designed for immediate molar tooth replacement.
- The ZYGAN® and ZYGEX® implants for severely resorbed maxilla and craniofacial reconstruction.

Our product portfolio is in synchronized 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
NOTE:
- Images are for illustration purposes only and do not necessarily accurately represent the product.
- All dimensions in this catalogue are in mm, unless otherwise specified.
- Not all products are cleared for sale in all countries.
INTERNAL OCTAGON
Standard interface

Ø3.3mm
Ø4.0mm
Ø5.0mm
**Implants are available in lengths of:**

<table>
<thead>
<tr>
<th>Implants supplied without fixture mount:</th>
<th>Implants pre-mounted with fixture mount (indicated with &quot;F&quot; in item code): Packaged with TT1 Healing Abutment:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITEM CODE</td>
<td>IMPLANT LENGTHS (mm)</td>
</tr>
<tr>
<td>ITC3</td>
<td>06 / 08 / 10 / 12 / 14</td>
</tr>
<tr>
<td>ITC4</td>
<td>06 / 08 / 10 / 12 / 14</td>
</tr>
<tr>
<td>ITT4</td>
<td>08 / 10 / 12 / 14</td>
</tr>
<tr>
<td>ITT5</td>
<td>08 / 10 / 12 / 14</td>
</tr>
<tr>
<td>ITT5</td>
<td>08 / 10 / 12 / 14</td>
</tr>
</tbody>
</table>

**Surgical Components**

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
</tr>
</thead>
<tbody>
<tr>
<td>TT0</td>
<td>TT</td>
</tr>
</tbody>
</table>

1 / 2 / 3 / 5 / 6 / 8 / 10 / 12 lengths

---

**Restore with Ø4.8mm Standard Interface Components**

(Where xx is implant length)
Prosthetic Flowchart

Healing Abutments

- IT8-CS5 (engaging)
- IT8-TC5S (engaging)
- LIT64

Impression Copings

- IT8-CS5 (engaging)
- IT8-TC5S (engaging)
- LTS4

Laboratory Analogues

- IT8-CS5 (engaging)
- IT8-TC5S (engaging)
- LTS4

Prosthetic Components

- ITS-FC1 (engaging)
- ITS-FC1NE (non-engaging)
- ITS-PA (engaging)
- ITS-PA NE (non-engaging)
- ITS-PA (engaging)
- ITS-PA NE (non-engaging)
- ITS-FC1 (engaging)
- ITS-FC1NE (non-engaging)
- ITS-PK1C1 (engaging)

Direct Abutments

- Gold
- Titanium

Retaining Screws

- TNT2
  - Titanium
  - TORQUE: 33-40Nm
- GHT2
  - Gold
  - TORQUE: 33-40Nm
- BHT2
  - *Thickened and for laboratory use only

Titanium Abutments

- SYN-A1/5/6
- SYN15D-C1
- SYN15D-C
- SYN20C-D
- SYN20C-D

Titanium Abutments

- CFA-ITS (engaging)
- CFA-ITS-NE (non-engaging)

Scannable Abutments

- IT8-CS5 (engaging)
- IT8-TC5S (engaging)
- LTS4

Scannable Abutments

- TIB-ITS
- TIB-ITS-C3 (engaging)

Scannable Abutments

- TIB-ITS
- TIB-ITS-C3 (engaging)

TIB abutments available in 3 cut height variants: 6.6mm, 11.5mm and 16mm

Passive Abutment Screws

- IT8-PA (engaging)
- IT8-PA-NE (non-engaging)

Passive Abutment Screws

- IT8-PA (engaging)
- IT8-PA-NE (non-engaging)

Tighten passive abutment luting screw and digital lab analogue screw with 1.22/1.27 Universal driver.

Refer to CAS-1189 for Equator Overdenture Abutments.
Site Preparation Sequence

Ø3.3mm Parallel Walled (ITC3)

- **Soft Bone**
  - D-1PA0E
  - Ø2.2mm
  - Ø2.75mm

- **Medium Bone**
  - D-1PA0E
  - Ø2.2mm
  - Ø2.75mm

- **Dense Bone**
  - D-1PA0E
  - Ø2.2mm
  - Ø2.75mm
  - D3AP1E3

(illustration is for 10mm implants)

Ø4.1mm Parallel Walled (ITC4)

- **Soft Bone**
  - D-1PA0E
  - Ø2.2mm
  - Ø2.75mm

- **Medium Bone**
  - D-1PA0E
  - Ø2.2mm
  - Ø2.75mm

- **Dense Bone**
  - D-1PA0E
  - Ø2.2mm
  - Ø2.75mm
  - Ø3.5mm
  - D3AP1E4

(illustrations are for 10mm implants)

Ø4.1mm Tapered (ITT4)

- **Soft Bone**
  - D-1PA0E
  - Ø2.2mm
  - Ø2.75mm
  - Ø4.0mm

- **Medium Bone**
  - D-1PA0E
  - Ø2.2mm
  - Ø2.75mm
  - Ø4.0mm

- **Dense Bone**
  - D-1PA0E
  - Ø2.2mm
  - Ø2.75mm
  - Ø4.0mm
  - D3AP1E4

(illustrations are for 10mm implants)
Site Preparation Sequence

Ø4.9mm Parallel Walled (ITC5)

Soft Bone
- D-PFDE Ø2.1mm
- Ø2.7mm

Medium Bone
- D-PFDE Ø2.1mm
- Ø2.7mm Ø3.7mm

Dense Bone
- D-PFDE Ø2.1mm
- Ø2.7mm Ø3.7mm Ø4.4mm
- Ø4.4mm D-PRF

Ø5.0mm Tapered (ITT5)

Soft Bone
- D-PFDE Ø2.2mm
- Ø3.6mm Ø4.6mm

Medium Bone
- D-PFDE Ø2.2mm
- Ø3.6mm Ø4.6mm

Dense Bone
- D-PFDE Ø2.2mm
- Ø3.6mm Ø4.6mm Ø5.6mm
- Ø5.6mm D-PRF

NOTE: Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon. Refer to page 34 for Insertion Tool Protocols.
INTERNAL OCTAGON
Wide interface

Ø5.0mm
Ø6.0mm
**Implants are available in lengths of:**

**Implants supplied without fixture mount:**

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTH (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITC6-5</td>
<td>08 / 10 / 12</td>
</tr>
</tbody>
</table>

**Implants pre-mounted with fixture mount (indicated with “F” in item code):**

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTH (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITC6-5F</td>
<td>08F / 10F / 12F</td>
</tr>
<tr>
<td>IT6-5F</td>
<td>08F / 10F / 12F</td>
</tr>
</tbody>
</table>

**Surgical Components**

**Cover Screw**

<table>
<thead>
<tr>
<th>ITEM CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TT6-0</td>
</tr>
</tbody>
</table>

**Healing Abutments**

<table>
<thead>
<tr>
<th>ITEM CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TT6</td>
</tr>
</tbody>
</table>

1 / 2 / 3 / 5 / 6 / 8 / 10 / 12 lengths

---

WARNING: Restore with Ø6.5mm WIDE Interface Components

(NOTE: Implant dimensions and information - page 33.)
**Prosthetic Flowchart**

**Ø6.5 Interface**

**Healing Abutments**
- **IT66-CAS** (engaging)
  - (Gold)
- **IT66-TRCS** (engaging)
  - (Transfer)
- **IT66**
  - (Scanning Fag)
  - (Titanium)

**Impression Copings**
- **IT66-GC1** (non-engaging)
- **IT66-TG1** (non-engaging)
- **IT66-PK1** (non-engaging)

**Laboratory Analogues**
- **IT66-AG1** (engaging)
- **IT66-AG1NE** (non-engaging)
- **IT66-TC1** (non-engaging)
- **IT66-TC1NE** (non-engaging)
- **IT66-TPC1** (non-engaging)

**Prosthetic Components**
- **TSAP6-4**
  - (Titanium)
  - Torque: 32-40Nm
- **TSAP6-5.5**
  - (Titanium)
  - Torque: 32-40Nm
- **TSAP6-6**
  - (Gold)
  - Torque: 32-40Nm
- **TSAP6-7**
  - (Gold)
  - Torque: 32-40Nm
- **TSAP6-8**
  - (Gold)
  - Torque: 32-40Nm

**Retaining Screws**
- **T452**
  - (Titanium)
  - Torque: 32-40Nm
- **T652**
  - (Titanium)
  - Torque: 32-40Nm
- **T653**
  - (Titanium)
  - Torque: 32-40Nm
- **T652**
  - (Titanium)
  - Torque: 32-40Nm
- **T653**
  - (Titanium)
  - Torque: 32-40Nm

**TITAN Abutments**
- **SYN6-4/5/6**
  - (Titanium)
  - Torque: 32-40Nm
- **SYN615D-C**
  - (Titanium)
  - Torque: 32-40Nm
- **SYN620D-C**
  - (Titanium)
  - Torque: 32-40Nm

**SCANABLE Abutments**
- **LAD-6**
  - (Gold)
  - Torque: 32-40Nm
- **LAD-6-NE**
  - (Gold)
  - Torque: 32-40Nm
- **LAD-6**
  - (Titanium)
  - Torque: 32-40Nm

**PASSIVE Abutments**
- **IT66-PA**
  - (Titanium)
  - Torque: 32-40Nm
- **IT66-PA-NE**
  - (Titanium)
  - Torque: 32-40Nm

**Passive Abutment Screws**
- **T452**
  - (Titanium)
  - Torque: 32-40Nm
- **T452**
  - (Titanium)
  - Torque: 32-40Nm

**NOTE:**
- Tighten passive abutment fitting screw and digital lab analogue screw with 1.22/1.27 Universal driver.
- Refer to CAS-1189 for Equator Overdenture Abutments.
Site Preparation Sequence

Ø4.9mm Parallel Walled (ITC6-5)

Soft Bone

d-51693E  Ø2.2mm  Ø2.75mm  Ø3.5mm

Medium Bone

d-51993E  Ø2.2mm  Ø2.75mm  Ø3.5mm

Dense Bone

d-51993E  Ø2.2mm  Ø2.75mm  Ø3.5mm  Ø4.8mm  Ø5.6mm  D-68007 E

Ø5.0mm Tapered (ITT6-5)

Soft Bone

d-51993E  Ø2.2mm  Ø2.75mm  Ø4.5mm

Medium Bone

d-51993E  Ø2.2mm  Ø2.75mm  Ø4.5mm

Dense Bone

d-51993E  Ø2.2mm  Ø2.75mm  Ø4.5mm  Ø5.6mm  Ø6.4mm  D-68007 E

Ø6.0mm Tapered (ITT6)

Soft Bone

d-51993E  Ø2.2mm  Ø2.75mm  Ø6.0mm

Medium Bone

d-51993E  Ø2.2mm  Ø2.75mm  Ø6.0mm

Dense Bone

d-51993E  Ø2.2mm  Ø2.75mm  Ø6.0mm  Ø6.4mm  Ø7.1mm  D-68007 E

NOTE: • Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.  • Refer to Page 34 for Insertion Tool Protocols.
INTERNAL OCTAGON
Standard interface

Co-Axis®
Ø4.0mm
Ø5.0mm
**Ø4.0mm / Ø5.0mm 12° Co-Axis® Implants (Tapered)**

![Images of Implants]

**Implants are pre-mounted and available in lengths of:**

(Where **xx** is implant length)

**NOTE:** Implant dimensions and information - page 33.

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITST12d-4</td>
<td>8F / 10F / 12F / 14F</td>
</tr>
<tr>
<td>ITST12d-5</td>
<td>8F / 10F / 12F / 14F</td>
</tr>
</tbody>
</table>

**Surgical Components**

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
</tr>
</thead>
<tbody>
<tr>
<td>T10</td>
<td>TT</td>
</tr>
</tbody>
</table>

1 / 2 / 3 / 5 / 6 / 8 / 10 / 12 lengths
Prosthetic Flowchart

**Healing Abutments**
- ITB-CA5 (engaging)
- ITB-T18S (engaging)
- Ti

**Impression Copings**
- ITB-CA5 (engaging)
- ITB-T18S (engaging)
- Ti

**Laboratory Analogues**
- T15A-H15 (transfer)
- Syn-A/5/6

**Prosthetic Components**
- ITS-G/C1 (engaging)
- ITS-G/C1NE (non-engaging)
- ITS-T15C1 (engaging)
- ITS-T15C1NE (non-engaging)
- ITS-PK1C1 (engaging)

**DIRECT Abutments**
- Gold
- Titanium

**TITANIUM Abutments**
- TSAF4
- TSAF5.5
- Syn-A/5/6
- Syn-A/5/6

**TITANIUM Abutments**
- Gold

**SCANNABLE Abutments**
- LAD-T1S (engaging)
- C1A-T1S (engaging)
- C1A-T1S-NE (non-engaging)
- SCANNABLE Abutments

**SCANNABLE Abutments**
- TiAbutments available in 3 cut height variants: 6.6mm, 11.5mm and 16mm
- ITS-PA (engaging)
- ITS-PA-NE (non-engaging)

**Passive Abutments**
- Ti

**Retaining Screws**
- TiT2
- Gold
- Torque: 20Nm

**Titanium**
- TiT2
- Torque: 20Nm

**B14T2**
- Gold
- Torque: 20Nm

**B14T2**
- (转移)

**B14T2**
- (转移)

---

**NOTE:**
- Tighten passive abutment luting screw and digital lab analogue screw with 1.22/1.27 Universal driver.
- Refer to CAS-1189 for Equator Overdenture Abutments.
Site Preparation Sequence

Ø4.0mm Co-Axis® (ITST12d-4) (Illustrations are for 12mm implants)

Soft Bone
- Diameter: Ø2.5mm, Ø3.75mm

Medium Bone
- Diameter: Ø2.7mm, Ø3.75mm

Dense Bone
- Diameter: Ø2.8mm, Ø3.75mm, Ø3.8mm, D-34T

Ø5.0mm Co-Axis® (ITST12d-5)

Soft Bone
- Diameter: Ø3.0mm, Ø3.75mm, Ø4.6mm

Medium Bone
- Diameter: Ø2.8mm, Ø3.75mm, Ø4.6mm

Dense Bone
- Diameter: Ø2.8mm, Ø3.75mm, Ø4.6mm, Ø5.0mm, D-34T

NOTE: * Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.
* Refer to Page 34 for Insertion Tool Protocols.
INTERNAL OCTAGON
Standard interface

MAXIT7
Ø7.0mm
MAXIT Ø7.0mm (Tapered) Implants

Restore with Ø4.8mm Standard Interface Components

Implants are pre-mounted and available in lengths of:

(where xx is implant length)

NOTE: Implant dimensions and information - page 33.

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (±mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAXIT7x</td>
<td>7F / 9F / 11F</td>
</tr>
</tbody>
</table>

Surgical Components

Cover Screw           Healing Abutments

T10                  TT

1 / 2 / 3 / 5 / 6 / 8 / 10 / 12 lengths
NOTE:
- Tighten passive abutment luting screw and digital lab analogue screw with 1.22/1.27 Universal driver.
- Refer to CAS-1189 for Equator Overdenture Abutments.
Site Preparation Sequence

Ø7.0mm Tapered (MAXIT7)

NOTE:
- Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.
- Refer to Page 34 for Insertion Tool Protocols.
INTERNAL OCTAGON
Wide interface

MAXIT8
Ø8.0mm

MAXIT9
Ø9.0mm
MAXIT Ø8mm / Ø9mm Implants (Tapered)

![Images of MAXIT8xxF and MAXIT9xxF implants]

Implants are pre-mounted and available in lengths of: (where xx is implant length)

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAXIT8-</td>
<td>7F / 9F / 11F</td>
</tr>
<tr>
<td>MAXIT9-</td>
<td>7F / 9F / 11F</td>
</tr>
</tbody>
</table>

NOTE: Implanted dimensions and information - page 33.

Surgical Components

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
</tr>
</thead>
<tbody>
<tr>
<td>TT6-0</td>
<td>TT6</td>
</tr>
</tbody>
</table>

1 / 2 / 3 / 5 / 6 / 8 / 10 / 12
knoths
**Prosthetic Flowchart**

- **Healing Abutments**
  - IT64-CAST
  - IT64-TRCS
  - LIT66
  - SY6T6
  - LAD-IT6

- **Impression Copings**
  - IT64-CAST
  - IT64-TRCS
  - LIT66
  - SY6T6
  - LAD-IT6

- **Laboratory Analogues**
  - IT64-CAST
  - IT64-TRCS
  - LIT66
  - SY6T6
  - LAD-IT6

- **Prosthetic Components**
  - IT64-C1
  - IT64-TC1
  - IT64-PK1
  - T5A6
  - IT64-E6
  - IT64-E5.5
  - SY6-5/5/6
  - SY615D-C
  - SY620D-C
  - CA6T6
  - CA6T6-NE
  - TIB6T6
  - TIB-IT6C-1.5
  - TIB-IT6C-3
  - TIB-IT6NE
  - TIB-IT6NEC-1.5
  - TIB-IT6NEC-3
  - IT64-PA
  - IT64-PA-NE

- **Retaining Screws**
  - T5T2
  - T5F2
  - G1F2
  - B1F2
  - T5-IT6B
  - TIB-IT6NE
  - TIB-IT6NEC-1.5
  - TIB-IT6NEC-3

**NOTE:**
- Tighten passive abutment luting screw and digital lab analogue screw with 1.22/1.27 Universal driver.
- Refer to CAS-1189 for Equator Overdenture Abutments.
Site Preparation Sequence

Ø8.0mm Tapered (MAXIT8)

Illustrations are for 9mm implants.

Ø9.0mm Tapered (MAXIT9)

NOTE: Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon. Refer to Page 34 for Insertion Tool Protocols.
TORQUE TABLE FOR SOUTHERN SCREWS

Torx Prosthetic screws

<table>
<thead>
<tr>
<th>M2</th>
<th>T31T2</th>
<th>G31T2</th>
<th>BS3T2</th>
<th>M2</th>
<th>T5T-PA</th>
<th>BS-T-PA</th>
</tr>
</thead>
</table>

Screw TORQUE with:
- PEEK Prosthetics: 20Ncm

Head Diameter: 2.70mm

NOTE:
- Due to design revisions screw lips may be flat or rounded.
- Always ensure that the correct screw is used for the relevant implant and component.
- Blackened and for laboratory use only.

TIB Abutment screw

| M2 | T3-T-31B |

Screw TORQUE:
- 32-40Ncm
- Head Diameter: 2.40mm

Screw Head Connection

| Torx | Hex |

Final tapered drill position for Co-Axis® implants

CAUTION: When drilling close to crucial anatomical landmarks, consider that the drill preparation site may be up to 1mm deeper than the corresponding implant length.

PLEASE NOTE:
- Point 1: This corner of the drill is to be at bone level.
- Point 2: This corner of the drill will be subcrestal.

DRILL INFORMATION

Twist Drill Markings

D-220C

14mm
12mm
10mm
8mm
6mm

TRY-IN ABUTMENTS

Ø4.8 Interface

TRX-SYN150-C
TRX-SYN150-D
TRX-SYN250-C
TRX-SYN250-F

Ø6.0 Interface

TRX-SYN6150-C
TRX-SYN6150-D
TRX-SYN620D-C
TRX-SYN620D-F

C - A corner of the octagon indicating the angulation of the cylinder.
F - A flat of the octagon indicating the angulation of the cylinder.

Octagon Try-In Kit
**TOP TRAY**

**Pilot Drills**
- D-3SPADE-1.8M
- D-8B-MS
- D-121-M15
- D-16-T

**Ø2.2mm Twist Drill**
- D-220C

**Dedicated Twist Drills**
- D-275C
- D-350C
- D-430C

**Taps Cylindrical**
- D-TAP-TC3
- D-TAP-TC4
- D-TAP-TC5

**Handpiece Insertion Tools**
- HHTS-GS
  - To fit W&H Handpiece
- HHTS/S
  - To fit any Handpiece

**Wrench Insertion Tool**
- HHTS/S
  - Wrench Insert

**Dedicated Tapered Drills**
- Ø4.0
  - D-408T
  - D-410T
  - D-412T
  - D-414T
- Ø5.0
  - D-508T
  - D-510T
  - D-512T
  - D-614T
- Ø6.0
  - D-608T
  - D-610T
  - D-612T

**Taps Tapered**
- D-TAP-IT4
- D-TAP-IT5
- D-TAP-IT6

**Handpiece Drivers Torx**
- HSCS-S/M/L
- I-S6-S/M/L

**Handheld Drivers Torx**
- HSCS-12/127
- I-S6-12/127

**Wrench Drivers Torx**
- I-WSCS-S/M/L

**Hex UNIVERSAL 1.22/1.27**
- HHD-22U-S/M/L
- HHD-22U-S/M/L
NOTE:
- The surgical kit has an intuitive layout to guide the surgeon through the drill sequence.
- Most instruments are available in various lengths.
- All instruments and tooling used during the procedure must be maintained in good condition, cleaned and sterilized prior to use. Please consult the Instructions for Use: Southern Implants Instrument Tray and reusable instruments (CAS-8003 and CAS-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.
**TOP TRAY**

**Pilot Drills**
- D-35spade-1.8M
- D-12FM15
- D-16-T

**Dedicated Tapered Drills**
**EXTERNAL HEX INTERMEDIATE DRILLS (MAXIT Implants)**
- Ø3.3
  - D-33TP-8.5
  - D-33TP-10
  - D-33TP-11.5
- Ø4.0
  - D-40TP-6
  - D-40TP-8.5
  - D-40TP-10
  - D-40TP-11.5
- Ø5.0
  - D-50TP-6
  - D-50TP-8.5
  - D-50TP-10
  - D-50TP-11.5

**Ø2.0mm Twist Drills**
- D-20FM10
- D-20FM15

**Primary Drills**
- Ø3.3

**Spares**
- Ø7
- Ø8
- Ø9

**Gauges**
- Ø7
- Ø8
- Ø9

**Intermediate Drills**
- Ø3.3

**MAX Drills**
- Ø6.0
  - D-6MAX-7
  - D-6MAX-9
  - D-6MAX-11
- Ø7.0
  - D-7TIP-7
  - D-7TIP-9
  - D-7TIP-11
- Ø8.0
  - D-8TIP-7
  - D-8TIP-9
  - D-8TIP-11
- Ø9.0
  - D-9TIP-7
  - D-9TIP-9
  - D-9TIP-11

**Dedicated MAX Taps**
- Ø6.0
  - D-TAPMAX6-7
  - D-TAPMAX6-9
  - D-TAPMAX6-11
- Ø7.0
  - D-TAPMAX7-7
  - D-TAPMAX7-9
  - D-TAPMAX7-11
- Ø8.0
  - D-TAPMAX8-7
  - D-TAPMAX8-9
  - D-TAPMAX8-11
- Ø9.0
  - D-TAPMAX9-7
  - D-TAPMAX9-9
  - D-TAPMAX9-11

* Longer shaft length available for Ø7mm, Ø8mm and Ø9mm drills

**Implant measure**
NOTE:
- The surgical kit has an intuitive layout to guide the surgeon through the drill sequence.
- Most instruments are available in various lengths.
- All instruments and tooling used during the procedure must be maintained in good condition, cleaned and sterilized prior to use. Please consult the Instructions for Use: Southern Implants instrument tray and reusable instruments (CAS-8003 and CAS-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.
I-PROS-EG Prosthetic Instrument Tray

INSTRUMENT TRAY

TOP TRAY

Dedicated space for
Latch Drivers

Dedicated space for
Hand Drivers

Dedicated space for
Wrench Drivers

BOTTOM TRAY

Wrench Insert Converters

I-WH-CST
For Handpiece inserts (latch-type) featuring the WHI-hex.

I-WH-SL
For Handpiece inserts (latch-type) without the WHI hex.

Torque Attachments

I-TWS-B45
I-TWS-B100

Ratchet Wrench

I-TWS

NOTE:
- This instrument tray is to be customised by the user to be suitable for use with the preferred implant system and its surgical or prosthetic items.
- Most instruments available in various lengths.
## IMPLANT DIMENSIONS AND INFORMATION

<table>
<thead>
<tr>
<th>RANGE</th>
<th>MAJOR DIAMETER</th>
<th>IMPLANT PLATFORM DIAMETER</th>
<th>PROSTHETIC DIAMETER</th>
<th>OCT WIDTH (Cross Rnd)</th>
<th>COLLAR HEIGHT</th>
<th>THREAD PITCH</th>
<th>APEX DIAMETER</th>
<th>CYLINDRICAL OR TAPERED</th>
<th>PLATFORM ANGLE</th>
<th>IMPLANT LENGTHS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITC3 (F)</td>
<td>Ø3.3mm</td>
<td>3.3</td>
<td>3.67</td>
<td>4.8</td>
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<td>3.67</td>
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<td>Ø4.0mm</td>
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<td>4.8</td>
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<td>4.8</td>
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</table>

All dimensions in this catalogue are in mm, unless otherwise specified.

Not all products are cleared for sale in all countries.
Implant placement with Placement Tools

Pick-up and Placement Procedure

The tool HITS is used to pick-up the implant from the packaging.

The octagons on the HITS and those of the implant might not line-up and this may result in them not engaging. The placement tool will, however, pick-up the implant (Fig. 1).

The implant is placed in the prepared site and inserted at 10 to 15 RPM, while applying downwards pressure.

Octagons should engage when implant starts to turn into bone, if not engaged at pick-up. Before maximum torque can be applied, the octagon on the placement tool should be fully engaged and flush with the implant (Fig. 2).

If they do not engage:
- a. Change the direction of the rotation.
- b. Rotate the implant very slightly (half a turn).
- c. Change the direction again. Only when fully engaged, start screwing the implant into bone.

NOTE: The PEEK bits (I-PBIT-2) should be replaced on a regular basis (items sold separately). General wear & tear are to be expected with regular use.

Implant placement for Implants with Fixture Mounts

These implants are packaged with a proprietary design fixture mount that is compatible with a selection of surgical insertion tools and wrenches.

Octagon
Suitable for use with:
- I-CON-IT
- HITS-FMU

Hex
To hold fixture mount while loosening screw (I-SP-IT).

Southern Square
Suitable for use with:
- Ratchet/Torque Wrench
- I-SP-IT (Fixture mount Spanner)

Placement with Southern Handpiece Driver (I-CON-IT)

The I-CON-IT is used to pick up the implants from the product packaging (Fig. 3).

Use the I-CON-IT to drive the implant into the prepared site. Apply downward pressure, using an implant motor and handpiece, with a speed of 10-15 RPM.

Placement with Southern Wrench

After completing the insertion of the fixture into the prepared site using the motor unit, a cylinder wrench (I-RATCHET-2) can be used to complete the placement manually (Fig. 4).

After placement is complete, loosen the fixture mount screw with an I-SCS-S/M/L torx driver and remove the fixture mount.
EXPLANATION OF SYMBOLS

The following symbols are used on our packaging labels and they indicate the following:

1. **Manufacturer**
2. **Implant image**
3. **Implant details and size**
4. **Sterilization using Irradiation**
5. **European Representative**
6. **Catalogue number**
7. **Batch Code**
8. **Do not Resterilize**
9. **Consult instruction for use**
10. **Do not reuse**
11. **CE mark and notified body number**
12. **Use by Date**
13. **Date of manufacture**
14. **Do not use if package is damaged**
15. **Identifies the product as a medical device**
16. **2D Bar coding**
17. **Contains the GTIN, Use by Date and LOT Number**
18. **Patient sticker for documentation purposes**
19. **(to be used by health care provider on patient file)**
20. **Prescription device**

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Images are for illustration purposes only and do not necessarily accurately represent the product.
For more information, please contact your Southern Implants Representative or visit southernimplants.com

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