PROVATA® 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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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.
PROVATA®

Ø4.0mm / Ø5.0mm
Ø4.0mm / Ø5.0mm Implants (Tapered)

Implants are available in lengths of:

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>TAPERED</th>
<th>MSc-TAPERED</th>
<th>IMPLANT LENGTHS (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRO408</td>
<td></td>
<td>MSc-PRO408</td>
<td>8.5</td>
</tr>
<tr>
<td>PRO410</td>
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<td>MSc-PRO410</td>
<td>10</td>
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<td>PRO411</td>
<td></td>
<td>MSc-PRO411</td>
<td>11.5</td>
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<td>PRO413</td>
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<td>PRO415</td>
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<td>PRO418</td>
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<td>MSc-PRO418</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>TAPERED</th>
<th>MSc-TAPERED</th>
<th>IMPLANT LENGTHS (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRO508</td>
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<td>MSc-PRO508</td>
<td>8.5</td>
</tr>
<tr>
<td>PRO510</td>
<td></td>
<td>MSc-PRO510</td>
<td>10</td>
</tr>
<tr>
<td>PRO511</td>
<td></td>
<td>MSc-PRO511</td>
<td>11.5</td>
</tr>
<tr>
<td>PRO513</td>
<td></td>
<td>MSc-PRO513</td>
<td>13</td>
</tr>
<tr>
<td>PRO515</td>
<td></td>
<td>MSc-PRO515</td>
<td>15</td>
</tr>
<tr>
<td>PRO518</td>
<td></td>
<td>MSc-PRO518</td>
<td>18</td>
</tr>
</tbody>
</table>

NOTE: Implant dimensions and information - page 32

Surgical Components

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-M</td>
<td>HA-M-37</td>
</tr>
<tr>
<td></td>
<td>Ø3.7</td>
</tr>
<tr>
<td></td>
<td>3/4/5 lengths</td>
</tr>
<tr>
<td></td>
<td>HA-M-45</td>
</tr>
<tr>
<td></td>
<td>Ø4.5</td>
</tr>
<tr>
<td></td>
<td>3/4/5 lengths</td>
</tr>
<tr>
<td></td>
<td>HA-M-55</td>
</tr>
<tr>
<td></td>
<td>Ø5.5</td>
</tr>
<tr>
<td></td>
<td>3/4/6 lengths</td>
</tr>
</tbody>
</table>
Prosthetic Flowchart

Direct

Healing Abutments
- HA-M-37
- HA-M-45
- HA-M-55

Impression Copings
- ICT-M
- IC-M (transfer)
- ICT-MW
- SFT-M (occluding flap)
- LAD-M (digital analogue)

Laboratory Analogues
- LA-M

Prosthetic Components
- TC-M (engaging)
- GC-EM (engaging)
- PKC-M-2 (engaging)

Retaining Screws
- TS-2-18
- GS-Q-18
- BS-2-18

Indirect

Compact Conical Abutments
- MC-M
- MC-M-20°
- MC-M-30°

Orchard Conical (OR)
- HMCT7
- SFT-MC-48 (occluding flap)
- LAD-MC (digital analogue)

Note: Refer to CAT-1189 for Equator Overdenture options.
Site Preparation Sequence

Ø4.0mm Tapered (PRO4 / MSc-PRO4)

Soft Bone

Medium Bone

Dense Bone

(illustrations are for 13mm implants)

Ø5.0mm Tapered (PRO5 / MSc-PRO5)

Soft Bone

Medium Bone

Dense Bone

Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.

Instrumentation

<table>
<thead>
<tr>
<th>Placement Tool</th>
<th>Converters</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-HM-S / M / L</td>
<td>I-WI-CST</td>
</tr>
<tr>
<td>I-WI-M-S / M / L</td>
<td>I-WI-SS</td>
</tr>
</tbody>
</table>

Drivers

I-HD-22U-S/M/L

I-QDI-S/M/L

1.22 Universal Hex Driver

Quad Driver

NOTE: - Refer to CAT-1155 for more information on wrench insert Converters.
- Most instruments are available in various lengths
- Refer to page 31 for the Insertion Tool Protocol
PROVATA® Co-Axis®

Ø4.0mm / Ø5.0mm
Ø4.0mm / Ø5.0mm Co-Axis™ Implants (Tapered)

Implants are pre-mounted and available in lengths of:

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (in mm)</th>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TAPERED</td>
<td>L1</td>
<td>L2</td>
</tr>
<tr>
<td>PRO12D408</td>
<td>MSc-PRO12D408</td>
<td>8.5</td>
<td>8.8</td>
</tr>
<tr>
<td>PRO12D410</td>
<td>MSc-PRO12D410</td>
<td>10</td>
<td>10.3</td>
</tr>
<tr>
<td>PRO12D411</td>
<td>MSc-PRO12D411</td>
<td>11.5</td>
<td>11.8</td>
</tr>
<tr>
<td>PRO12D413</td>
<td>MSc-PRO12D413</td>
<td>13</td>
<td>13.3</td>
</tr>
<tr>
<td>PRO12D415</td>
<td>MSc-PRO12D415</td>
<td>15</td>
<td>15.3</td>
</tr>
<tr>
<td>PRO12D418</td>
<td>MSc-PRO12D418</td>
<td>18</td>
<td>18.3</td>
</tr>
</tbody>
</table>

NOTE: Implant dimensions and information - page 32

Surgical Components

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-M</td>
<td>HA-M-37</td>
</tr>
<tr>
<td></td>
<td>Ø3.7</td>
</tr>
<tr>
<td></td>
<td>3/4/6 lengths</td>
</tr>
<tr>
<td>HA-M-45</td>
<td>Ø4.5</td>
</tr>
<tr>
<td>HA-M-55</td>
<td>Ø5.5</td>
</tr>
<tr>
<td></td>
<td>3/4/6 lengths</td>
</tr>
</tbody>
</table>
Prosthetic Flowchart

**Direct**

- **Healing Abutments**
  - CS-M
  - PRO12D4
  - Mso-PRO12D4
  - PRO12D6
  - Mso-PRO12D6

- **Impression Copings**
  - ICT-M (transfer)
  - IC-M
  - ICT-MW (transfer)
  - SFT-M (occluding flap)
  - LAD-M

- **Laboratory Analogues**
  - LAM

- **Prosthetic Components**
  - TC-M (engaging)
  - TC-NN (non-engaging)
  - GC-EM (engaging)
  - GC-NN (non-engaging)
  - PKC-M-2 (engaging)
  - PKC-NN-2 (non-engaging)

- **Retaining Screws**
  - TS2-18
  - GS-G18
  - BS-2-18

- **Titanium Abutments**
  - Titanium
  - Gold
  - PEEK

- **Scanable Abutments**
  - Titanium

- **Passive Abutments**
  - PA-EM-S (engaging)
  - PA-NN-S (non-engaging)

**Indirect**

- **Compact Conical Abutments**
  - MC-M
  - MC-M (6°)
  - SFT-MC-48 (occluding flap)
  - LAD-MC

- **Compact Conical Components**
  - HMC
  - CMC1 (transfer)
  - CMC2 (transfer)
  - LSMC1
  - GMC1
  - TMC1/6
  - PKC-MC

- **Passive Abutment Screws**
  - PA-M-1BT
  - PA-Q-16G
  - PA-M-16B

- **1 Series Screws**
  - Titanium
  - Gold

NOTE: Refer to CAT-1189 for Equator Overdenture options.
Site Preparation Sequence

Ø4.0mm Tapered Co-Axis® (PRO12D4 / MSc-PRO12D4)

Soft Bone

Medium Bone

Dense Bone

(illustrations are for 13mm implants)

Ø5.0mm Tapered Co-Axis (PRO12DS / MSc-PRO12DS)

Soft Bone

Medium Bone

Dense Bone

(optional)

Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.

Instrumentation

<table>
<thead>
<tr>
<th>Placement Tool</th>
<th>Converters</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-HM-S / M / L</td>
<td>I-WI-CST</td>
</tr>
<tr>
<td>I-WI-M-S / M / L</td>
<td>I-WI-SS</td>
</tr>
</tbody>
</table>

Wrench insert

For Handpiece inserts (Latch-type) featuring the W&H hex

For SQUARE connection of fixture mounts and instruments

Drivers

Final tapered drill position

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.

I-HD-22U-S/M/L
Quad Driver

I-QDI-S/M/L

1.22 Universal Hex Driver

NOTE: - Refer to CAT-1155 for more information on wrench insert Converters.
- Most instruments are available in various lengths
- Refer to page 31 for the Insertion Tool Protocol
Ø6.0mm
(Standard Interface)
Ø6.0mm Implants (Tapered)

PROMAX6

Implants are available in lengths of:

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROMAX607</td>
<td>7</td>
</tr>
<tr>
<td>PROMAX609</td>
<td>9</td>
</tr>
<tr>
<td>PROMAX611</td>
<td>11</td>
</tr>
</tbody>
</table>

NOTE: Implant dimensions and information - page 32

Surgical Components

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-M</td>
<td>HA-M-37</td>
</tr>
<tr>
<td></td>
<td>Ø3.7</td>
</tr>
<tr>
<td></td>
<td>3/4/6 lengths</td>
</tr>
<tr>
<td>HA-M-45</td>
<td>Ø4.5</td>
</tr>
<tr>
<td></td>
<td>3/4/6 lengths</td>
</tr>
<tr>
<td>HA-M-55</td>
<td>Ø5.5</td>
</tr>
<tr>
<td></td>
<td>3/4/6 lengths</td>
</tr>
</tbody>
</table>
### Prosthetic Flowchart

#### Direct

<table>
<thead>
<tr>
<th>Healing Abutments</th>
<th>Impression Copings</th>
<th>Laboratory Analogues</th>
<th>Prosthetic Components</th>
<th>Retaining Screws</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-M</td>
<td>ICT-M (internal)</td>
<td>LAM</td>
<td>TC-M (engaging)</td>
<td>TS-2-16</td>
</tr>
<tr>
<td>PROMAX6</td>
<td>3/4/6</td>
<td>IC-M (transfer)</td>
<td>GC-EM (non-engaging)</td>
<td>Titanium</td>
</tr>
<tr>
<td></td>
<td>4/6</td>
<td></td>
<td>PKC-M-2 (engaging)</td>
<td>(1.27 mm)</td>
</tr>
<tr>
<td>ICT-MW</td>
<td>SFT-M (occlusal flap)</td>
<td></td>
<td>TCA-M (engaging)</td>
<td>Gold</td>
</tr>
<tr>
<td>3/3/6</td>
<td>LAD-M</td>
<td></td>
<td>TCA-M (engaging)</td>
<td>PEEK</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>TCA24-M (engaging)</td>
<td>Titanium</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>TIA-EW Abutments</td>
<td>(1.27 mm)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Gold (Quad)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>PA-EM-S (engaging)</td>
<td>Brass (1.27 mm)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>PA-EM-S (non-engaging)</td>
<td>*Illustrated not for denture use only</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>PA-EM-S (passive abutment)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>PA-EM-S (non-engaging)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>PA-EM-S (passive abutment)</td>
<td></td>
</tr>
</tbody>
</table>

#### Indirect

<table>
<thead>
<tr>
<th>Compact Conical Abutments</th>
<th>Laboratory Analogues</th>
<th>Prosthetic Components</th>
<th>Retaining Screws</th>
</tr>
</thead>
<tbody>
<tr>
<td>MC-M</td>
<td></td>
<td>GMC1</td>
<td>TS-2-16</td>
</tr>
<tr>
<td>13/3/5</td>
<td></td>
<td>TMC1/6</td>
<td>Titanium</td>
</tr>
<tr>
<td>MC-M-360°</td>
<td></td>
<td></td>
<td>(1.27 mm)</td>
</tr>
<tr>
<td>MC-M-360°</td>
<td></td>
<td></td>
<td>Gold (Quad)</td>
</tr>
<tr>
<td>SFT-MC-48 (occlusal flap)</td>
<td></td>
<td></td>
<td>Brass (1.27 mm)</td>
</tr>
<tr>
<td>LAD-M</td>
<td></td>
<td></td>
<td>*Illustrated not for denture use only</td>
</tr>
</tbody>
</table>

**NOTE:** Refer to CAT-1189 for Equator Overdenture options.
Site Preparation Sequence

Ø6.0mm Tapered (PROMAX6) (Illustration is for 9mm implants)

Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.

Instrumentation

<table>
<thead>
<tr>
<th>Placement Tool</th>
<th>Converters</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-HM-S / M / L</td>
<td>I-WI-CST</td>
</tr>
<tr>
<td>I-WI-M-S / M / L</td>
<td>For Handpiece inserts (Latch-type) featuring the W&amp;H hex</td>
</tr>
<tr>
<td>Wrench Insert</td>
<td>I-WI-SS</td>
</tr>
<tr>
<td></td>
<td>For SQUARE connection of fluturos mounts and instruments</td>
</tr>
</tbody>
</table>

Drivers

<table>
<thead>
<tr>
<th>I-HD-22U-S/M/L</th>
<th>I-QDI-S/I/M/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.32 Universal Hex Driver</td>
<td>Quad Driver</td>
</tr>
</tbody>
</table>

NOTE: - Refer to CAT-1155 for more information on wrench insert Converters. - Most instruments are available in various lengths - Refer to page 31 for the Insertion Tool Protocol
Ø7.0mm / Ø8.0mm / Ø9.0mm
(Wide Interface)
**Ø7.0mm / Ø8.0mm / Ø9.0mm Implants (Tapered)**

**Implants are available in lengths of:**

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROMAX707</td>
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</tr>
<tr>
<td>PROMAX709</td>
<td>9</td>
</tr>
<tr>
<td>PROMAX711</td>
<td>11</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROMAX807</td>
<td>7</td>
</tr>
<tr>
<td>PROMAX809</td>
<td>9</td>
</tr>
<tr>
<td>PROMAX811</td>
<td>11</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROMAX907</td>
<td>7</td>
</tr>
<tr>
<td>PROMAX909</td>
<td>9</td>
</tr>
<tr>
<td>PROMAX911</td>
<td>11</td>
</tr>
</tbody>
</table>

**Surgical Components**

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
<th>Anatomically shaped abutments</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-Z</td>
<td>HA-Z6 Ø6.0</td>
<td>PKA-Z6-9 9.0mm, PEEK</td>
</tr>
<tr>
<td></td>
<td>HA-Z8 Ø7.8</td>
<td>PKA-Z8-11 11mm, PEEK</td>
</tr>
</tbody>
</table>

*NOTE: Implant dimensions and information - page 32*
Prosthetic Flowchart

Direct

Healing Abutments
- CS-Z
- ICT-Z (sizes 4, 5)
- ICT-ZW [sizes 4, 5]
- HA-Z9
- IC-Z (transfer)
- IC-Z [sizes 4, 5]

Impression Copings
- LA-Z
- TITANIUM Abutments

Laboratory Analogues
- TC-EZ-13 (6.5mm long, compatible with CAT-1189)
- TC-NZ-13 (6.5mm long, compatible with CAT-1189)
- GC-EZ (6.5mm long, compatible with CAT-1189)
- GC-NZ (6.5mm long, compatible with CAT-1189)
- PKC-Z-2 (non-engaging)
- PKC-NZ-2 (non-engaging)

Prosthetic Components
- Titanium
- Gold
- PEEK

Retaining Screws
- TS-Z-18
- Titanium (1.27 mm)
- GS-Q-18
- Gold (6.2 mm)
- BA-Z-18
- Brass (1.27 mm)

Indirect

Compact Conical Abutments
- MC-Z
- HMCW
- OR
- HMCW9
- CMCW1
- CMCW2
- LMCW1
- SFT-MC-69 (scanning, abutment)
- LAD-MCW (digital analogue)

GMCW1
- TMCW1/S
- PKC-MCW

Passive Abutment Screws
- PAS-M-18T
- PA+Q-16G
- PA+M-16B

5 Sets Screws

NOTE: Refer to CAT-1189 for Equator Overdenture options.
Site Preparation Sequence

Ø7.0mm Tapered (PROMAX7)

Illustrations are for 9mm implants

Ø8.0mm Tapered (PROMAX8)

Ø9.0mm Tapered (PROMAX9)

Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.

Instrumentation

<table>
<thead>
<tr>
<th>Placement Tool</th>
<th>Converters</th>
<th>Drivers</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-HZ-S / M / L</td>
<td>I-WI-CST</td>
<td>I-HD-22U-S/M/L</td>
</tr>
<tr>
<td>I-WI-M-S / M / L</td>
<td>I-WI-SS</td>
<td>I-QDI-S/M/L</td>
</tr>
</tbody>
</table>

Wrench insert

For Handpiece inserts (Latch-type) featuring the W&H hex

For SQUARE connection of fixture mounts and instruments

1.22 Universal Hex Driver

Quad Driver

NOTE: - Refer to CAT-1155 for more information on wrench insert Converters.
- Most instruments are available in various lengths
- Refer to page 31 for the Insertion Tool Protocol
PLATFORM MATCHED PROSTHETICS

for Ø5mm & Ø6mm implants
In applications of the PROVATA® Ø5mm and PROMAX Ø6mm implants, for single posterior teeth, where the patient is known to have a very strong bite force, the clinician may choose to follow this “Platform Matched” approach. This approach uses the maximum implant platform dimension, in order to give the single tooth prosthetics greater stability.

**Warning:** These Platform Matched Prosthetics are not compatible with PROVATA Ø4mm implants or PROVATA Co-Axis® implants.

Refer to page 6 for PROVATA Ø5.0mm & page 14 for PROMAX Ø6.0mm implant details.

### Surgical Components

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-M</td>
<td>HA-M-P45</td>
</tr>
</tbody>
</table>

Refer to page 6 for PROVATA Ø5.0mm & page 14 for PROMAX Ø6.0mm implant details.
### Prosthetic Flowchart

#### Direct

<table>
<thead>
<tr>
<th>Healing Abutments</th>
<th>Impression Copings</th>
<th>Laboratory Analogues</th>
<th>Prosthetic Components</th>
<th>Retaining Screws</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-M</td>
<td></td>
<td></td>
<td></td>
<td>TS-Z-18</td>
</tr>
<tr>
<td>PRO5</td>
<td></td>
<td></td>
<td></td>
<td>Titanium (1.27 mm)</td>
</tr>
<tr>
<td>MBL-PRO5</td>
<td>SFT-M (scanning bag)</td>
<td></td>
<td></td>
<td>Brass (1.27 mm)</td>
</tr>
<tr>
<td>PROMAX5</td>
<td>LA-M-P45</td>
<td></td>
<td></td>
<td>Brass*</td>
</tr>
<tr>
<td></td>
<td>ICT-MW-P45 (titanium)</td>
<td></td>
<td>TIB-M-P45 (engraving)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>IC-MW-P45 (titanium)</td>
<td></td>
<td>CAB-M-P45 (engraving)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PA-EM-P45</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Titanium</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Digital Analogue</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Passive Abutment Screws

- PA-M-18T
- PA-Q-18G
- PA-M-18B

*Available for long-term use only*
Twist Drill Markings

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

INSERTION TOOL DEPTH MARKINGS

I-HM-L used for illustration purposes
I-H-PRO120-L used for illustration purposes
I-WI-M-L used for illustration purposes
I-HZ-L used for illustration purposes

*Refer to Surgical Manual CAT-8030.

NOTE:
- Laser markings at 3mm, 5mm, 6mm and 9mm from implant platform.
- Refer to CAT-1201 for Insertion Tool markings and depths.

Important: The PEEK bits (I-PBIT-L18) should be replaced on a regular basis. General wear & tear are to be expected with regular use. Items sold separately.
### Drivers

<table>
<thead>
<tr>
<th>HANDHELD</th>
<th>HANDPIECE</th>
<th>WRENCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNIVERSAL 1.22*1.27</td>
<td>QUAD</td>
<td>UNIVERSAL 1.22*1.27</td>
</tr>
<tr>
<td>I-HD-22U-S/M/L</td>
<td>I-HHD-22U-S/M/L</td>
<td>I-WI-22U-S/M/L</td>
</tr>
<tr>
<td>I-QDI-S/M/L</td>
<td>I-HQD-S/M/L</td>
<td>I-WI-QS/M/L</td>
</tr>
</tbody>
</table>

### Abutment Drivers (for Compact Conical Abutments)

<table>
<thead>
<tr>
<th>HANDHELD</th>
<th>HANDPIECE</th>
<th>WRENCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-AD</td>
<td>I-HAD</td>
<td>I-WI-A</td>
</tr>
</tbody>
</table>

### Driver Information for 1 Series Screws

<table>
<thead>
<tr>
<th>UNIVERSAL 1.22*1.27</th>
<th>HANDHELD</th>
<th>HANDPIECE</th>
<th>WRENCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-HD-22U-S/M/L</td>
<td>I-HHD-22U-S/M/L</td>
<td>I-WI-22U-S/M/L</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNIGRIP</th>
<th>HANDHELD</th>
<th>HANDPIECE</th>
<th>WRENCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-UGI-S/M/L</td>
<td>I-HUG-S/M/L</td>
<td>I-WI-UG-S/M/L</td>
<td></td>
</tr>
</tbody>
</table>

Refer to CAT-1203 for alternative Drivers
I-HEX-EG for surgical placement of PROVATA® Implants

**External Hex Dedicated Tapered Drills**
- Ø3.3
  - D-30TP-8.5
  - D-30TP-10
  - D-30TP-11.5
  - D-30TP-13
  - D-30TP-15
  - D-30TP-18
- Ø4.0
  - D-40TP-6
  - D-40TP-8.5
  - D-40TP-10
  - D-40TP-11.5
  - D-40TP-13
  - D-40TP-15
  - D-40TP-18
- Ø5.0
  - D-50TP-6
  - D-50TP-8.5
  - D-50TP-10
  - D-50TP-11.5
  - D-50TP-13
  - D-50TP-15
  - D-50TP-18

**Primary Drills**
- Ø2.0mm Twist Drills
  - D-20T-M10
  - D-20T-M15

**Final Tapered Angled Direction Indicators (Optional)**
- I-012D-4T-10
- I-012D-4T-13
- I-012D-5T-10
- I-012D-5T-13
- I-012D-5T-15
- I-012D-4T-15

**Insertion Tools**
- I-HM-SML
- I-WI-SML
- I-HQ-SML
- I-WI-M-SML

**Drill / Implant Length Measure**

**Counter Bore**
- D-4CB

**Counter Sink**
- D-CS5

**Abutment Drivers (Hex)**
- I-AD
  - Handheld
- I-HAD
  - Handpiece Insert
- I-WIA
  - Wrench Insert

**Hex Drivers**
- Universal 1,2,3,4,7
  - I-HD-22U-SML
  - Handpiece Insert
  - I-QDL-SML
  - Handpiece Insert

**Quad Drivers**
- I-HD-22U-SML
  - Wrench Insert
- I-WI-22U-SML
  - Wrench Insert
- I-WI-QSM-L
  - Wrench Insert
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 tools used during the procedure must be maintained in good condition, and cleaned and sterilized prior to use. Please consult the Southern Implants Cleaning and Sterilization Procedure Guidelines (CAT-1039) for guidance concerning the maintenance of drills, instruments, and surgical trays.
**I-MAX-EG** for surgical placement of PROMAX Implants

**Pilot Drills**
- D-3S s/pade-1.8M
- D-3R-M6
- D-12T-M15

**Ø2.0mm Twist Drills**
- D-20T-M10
- D-20T-M15

**Insertion Tools**
- I-HM-SM-CL
- I-HZ-SM-L

**MAX Profile Gauges (Optional)**
- Ø7.0
  - MAX-7-2G-7
  - MAX-7-2G-9
  - MAX-7-2G-11
- Ø8.0
  - MAX-8-2G-7
  - MAX-8-2G-9
  - MAX-8-2G-11
- Ø9.0
  - MAX-9-2G-7
  - MAX-9-2G-9
  - MAX-9-2G-11

**Dedicated Tapered Drills**
- 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

**Drill / Implant length measure**

**Primary Drills**

**Spares**

**Gauges**

**Intermediate Drills**

**MAX Drills**

**Taps**

**Dedicated MAX Drills**
- Ø6.0
  - D-MAX-6-6
  - D-MAX-6-7
  - D-MAX-6-9
  - D-MAX-6-11
- Ø7.0
  - D-70TP-7
  - D-70TP-9
  - D-70TP-11
- Ø8.0
  - D-80TP-7
  - D-80TP-9
  - D-80TP-11
- Ø9.0
  - D-90TP-7
  - D-90TP-9
  - D-90TP-11

**Dedicated MAX Taps**
- Ø6.0
  - D-TAP-MAX-6-6
  - D-TAP-MAX-6-7
  - D-TAP-MAX-6-9
  - D-TAP-MAX-6-11
- Ø7.0
  - D-TAP-MAX-7-7
  - D-TAP-MAX-7-9
  - D-TAP-MAX-7-11
- Ø8.0
  - D-TAP-MAX-8-7
  - D-TAP-MAX-8-9
  - D-TAP-MAX-8-11
- Ø9.0
  - D-TAP-MAX-9-7
  - D-TAP-MAX-9-9
  - D-TAP-MAX-9-11

**NOTE:** Longer shaft length available for Ø7mm, Ø8mm and Ø9mm drills.
NOTE:
- The surgical kit has an intuitive layout to guide the surgeon through the drill sequence.
- Most instruments available in various lengths.
- Profile Gauges available for Ø7.0mm, Ø8.0mm & Ø9.0mm implants only.
- All instruments and tooling used during the procedure must be maintained in good condition, and cleaned and sterilized prior to use. Please consult the Southern Implants Cleaning and Sterilization Procedure Guidelines (CAT-1039) for guidance concerning the maintenance of drills, instruments, and surgical trays.
I-PROS-EG Prosthetic Instrument Tray

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 Placement Procedure for PROVATA® & PROMAX**

1. The tools I-HM-S / M / L (standard interface) and I-HZ-M / L (wide interface) are used to pick up the implant from the packaging.

2. The hexagon of the insertion tool in the implant must be fully engaged before torque is applied, to prevent any damage. (The hexagon is fully engaged when the straight portion of the hexagon tool is almost completely sunken in the implant (fig. 1)).

3. The implant is placed in the prepared site and screwed in with a motor unit at 15rpm while applying downwards pressure.

**CO-AXIS® FIXTURE MOUNT REMOVAL PROTOCOL**

1. The tool I-HM-S / M / L is used to pick up the implant from the packaging (fig. 1) after attaching it to the fixture mount.

2. Once the implant is placed and the position verified, after final X-rays have been taken, remove the fixture mount by unscrewing the fixture mount screw using a I-HD-22U-S / M / L handheld driver (fig. 2).

**MSc IMPLANTS DESCRIPTION**

**MSc stands for Machined Surface coronally.**

Capturing the advantage of Southern’s proven rough surface where it is needed most. The “smoother” coronal machined surface is engineered to reduce bacterial adhesion and thus, decrease the risk of infection which could lead to marginal bone loss.

Indicated for patients with higher risk of coronal bone loss (smokers, history of periodontitis, cardio-vascular disease)

The coronal machined surface area covers the top crestal 3mm of the implant.
<table>
<thead>
<tr>
<th>RANGE</th>
<th>MAJOR DIAMETER</th>
<th>IMPLANT PLATFORM DIAMETER</th>
<th>PROSTHETIC DIAMETER</th>
<th>Prosthesics</th>
<th>HEX WIDTH (across flats)</th>
<th>COLLAR HEIGHT</th>
<th>THREAD PITCH</th>
<th>APEX DIAMETER</th>
<th>Cylindrical or Tapered C/T</th>
<th>PLATFORM ANGLE</th>
<th>IMPLANT LENGTH CODES</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRO4</td>
<td>Ø4.0mm</td>
<td>4.07</td>
<td>3.87</td>
<td>3.6</td>
<td>2.44</td>
<td>0.8</td>
<td>0.6</td>
<td>2.6</td>
<td>T</td>
<td></td>
<td>√</td>
</tr>
<tr>
<td>Msc-PRO4</td>
<td>Ø4.0mm</td>
<td>4.07</td>
<td>3.87</td>
<td>3.6</td>
<td>2.44</td>
<td>0.8</td>
<td>0.6</td>
<td>2.6</td>
<td>T</td>
<td></td>
<td>√</td>
</tr>
<tr>
<td>PRO5</td>
<td>Ø5.0mm</td>
<td>4.70</td>
<td>4.5</td>
<td>3.6 / 4.5</td>
<td>2.44</td>
<td>0.8</td>
<td>0.6</td>
<td>3.13</td>
<td>T</td>
<td></td>
<td>√</td>
</tr>
<tr>
<td>Msc-PRO5</td>
<td>Ø5.0mm</td>
<td>4.70</td>
<td>4.5</td>
<td>3.6 / 4.5</td>
<td>2.44</td>
<td>0.8</td>
<td>0.6</td>
<td>3.13</td>
<td>T</td>
<td></td>
<td>√</td>
</tr>
<tr>
<td>PRO12D4</td>
<td>Ø4.0mm</td>
<td>4.07</td>
<td>3.75</td>
<td>3.6</td>
<td>2.44</td>
<td>0.8</td>
<td>0.6</td>
<td>2.6</td>
<td>T 12°</td>
<td></td>
<td>√</td>
</tr>
<tr>
<td>Msc-PRO12D4</td>
<td>Ø4.0mm</td>
<td>4.07</td>
<td>3.75</td>
<td>3.6</td>
<td>2.44</td>
<td>0.8</td>
<td>0.6</td>
<td>2.6</td>
<td>T 12°</td>
<td></td>
<td>√</td>
</tr>
<tr>
<td>PRO12D5</td>
<td>Ø5.0mm</td>
<td>4.70</td>
<td>3.75</td>
<td>3.6</td>
<td>2.44</td>
<td>0.8</td>
<td>0.6</td>
<td>3.13</td>
<td>T 12°</td>
<td></td>
<td>√</td>
</tr>
<tr>
<td>Msc-PRO12D5</td>
<td>Ø5.0mm</td>
<td>4.70</td>
<td>3.75</td>
<td>3.6</td>
<td>2.44</td>
<td>0.8</td>
<td>0.6</td>
<td>3.13</td>
<td>T 12°</td>
<td></td>
<td>√</td>
</tr>
</tbody>
</table>

| PROMAX6 | Ø6.0mm       | 6.0                       | 4.5                 | 3.6 / 4.5   | 2.44                     | 0.26          | 0.8          | 3.0          | T                         |               | √                     | 7             | √ | √ | √ |
| PROMAX7 | Ø7.0mm       | 7.0                       | 5.7                 | 5.6         | 3.06                     | 0.15          | 0.8          | 4.44         | T                         |               | √                     | 7             | √ | √ | √ |
| PROMAX8 | Ø8.0mm       | 8.0                       | 6.5                 | 5.6         | 3.06                     | 0.25          | 0.8          | 3.94         | T                         |               | √                     | 7             | √ | √ | √ |
| PROMAX9 | Ø9.0mm       | 9.0                       | 7.5                 | 5.6         | 3.06                     | 0.25          | 0.8          | 4.94         | T                         |               | √                     | 7             | √ | √ | √ |

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

Not all products are cleared for sale in all countries.
## Torque Table for Southern Screws

### 1.27 Hex Prosthetic Screws

| TS-Z-18 | BS-Z-18* | GS-Q-18 |

**TORQUE:** 32Ncm  
**Head Diameter:** 2.25mm  
**Screw TORQUE with PEEK Prosthetics:** 15Ncm

### 1.27 Hex Passive Abutment Screws

| PA-M-18T | PA-M-18G | PA-M-18B* | PA-Q-18G |

**TORQUE:** 32Ncm  
**Head Diameter:** 2.60mm

### Digital Laboratory Analogue Screw

1.22 Hex  
| IAD-S |

**NOTE:** Screw supplied with all Digital Analogues

### TIB Abutment Screw

1.22 Hex  
| TS4T-TIB |

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

### 1 Series Screws

| M1.4 |

| 1.22 Hex  | Unigrip  |

| TSH1 | GSH1 | BSH1* | TSU1 | GSU1 |

**TORQUE:** 10-15Ncm  
**Head Diameter:** 2.25mm  
**Screw TORQUE with PEEK Prosthetics:** 10 - 15Ncm

### Screw Head Connections

- **Hex**  
- **Quad**  
- **Unigrip**

**NOTE:**  
- Due to design revisions screw tips 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.
EXPLANATION OF LABELING SYMBOLS

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

1. Manufacturer
2. Colour code indicating implant interface
3. Implant image
4. Implant details and size
5. Sterilization using Irradiation
   - Do not Resterilize
   - Consult instruction for use
   - Do not reuse
6. CE mark and notified body number
7. Expiry date
8. Sterile unless package is opened or damaged
9. 2D Bar coding
   - Contains the GTIN, Expiry Date and LOT Number
10. Prescription device
    - CAUTION: FEDERAL LAW RESTRICTS THE DEVICE TO SALE BY OR ON THE ORDER OF A LICENCED HEALTH CARE PROVIDER.

Platform Interface

- Ø4.0
- Ø5.0
- Ø6.0
- Ø7.0 / Ø8.0 / Ø9.0

Images are for illustration purposes only and do not necessarily accurately represent the product.
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