TRI-NEX 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
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.
**Implants are available in lengths of:**

<table>
<thead>
<tr>
<th>ITEM CODE TAPERED</th>
<th>IMPLANT LENGTH (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA-LH-35-8</td>
<td>8.5</td>
</tr>
<tr>
<td>IA-LH-35-10</td>
<td>10.5</td>
</tr>
<tr>
<td>IA-LH-35-11.5</td>
<td>12.0</td>
</tr>
<tr>
<td>IA-LH-35-13</td>
<td>13.5</td>
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<td>IA-LH-35-16</td>
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<table>
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<th>ITEM CODE PARALLEL WALLED</th>
<th>IMPLANT LENGTH (in mm)</th>
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<tr>
<td>IA-LHS-35-8</td>
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<td>IA-LHS-35-13</td>
<td>13.5</td>
</tr>
<tr>
<td>IA-LHS-35-15</td>
<td>15.5</td>
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</tbody>
</table>

**Surgical Components**

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-L-35</td>
<td>HA-L-35</td>
</tr>
<tr>
<td></td>
<td>Ø3.5</td>
</tr>
<tr>
<td></td>
<td>3/5/7 lengths</td>
</tr>
<tr>
<td></td>
<td>HA-L-35W</td>
</tr>
<tr>
<td></td>
<td>Ø4.5</td>
</tr>
<tr>
<td></td>
<td>3/5 lengths</td>
</tr>
</tbody>
</table>
# Prosthetic Flowchart

## Ø3.5 Interface

### 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>CB-L-35</td>
<td>IC-L-35 (pick-up)</td>
<td>ICT-L-35 (titanium)</td>
<td>GC-EL-35 (engaging)</td>
<td>TS-L-18</td>
</tr>
<tr>
<td>HA-L-35</td>
<td>IGT-L-35W (titanium)</td>
<td></td>
<td>GC-NL-35 (engaging)</td>
<td>Titanium</td>
</tr>
<tr>
<td>IA-L-35</td>
<td></td>
<td></td>
<td>TC-EL-35/1.5 (engaging)</td>
<td>PEEK</td>
</tr>
<tr>
<td>IA-LHS-35</td>
<td></td>
<td></td>
<td>TC-EL-35 (engaging)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>TKC-EL-35-2 (engaging)</td>
<td></td>
</tr>
</tbody>
</table>

### Indirect

<table>
<thead>
<tr>
<th>Compact Conical Abutment</th>
<th></th>
<th>Laboratory Analogues</th>
<th>Prosthetic Components</th>
<th>Retaining Screws</th>
</tr>
</thead>
<tbody>
<tr>
<td>MC-L-35</td>
<td></td>
<td></td>
<td>GM-EL-35 (engaging)</td>
<td>TS-L-18</td>
</tr>
<tr>
<td>1/2/3</td>
<td></td>
<td></td>
<td>GM-NL-35 (engaging)</td>
<td>Titanium</td>
</tr>
<tr>
<td>MCL-35-178</td>
<td></td>
<td></td>
<td>TKC-EL-35 (engaging)</td>
<td>PEEK</td>
</tr>
<tr>
<td>2/3</td>
<td></td>
<td></td>
<td>TKC-NL-35 (long version)</td>
<td></td>
</tr>
</tbody>
</table>

---

NOTE: For Overdenture options refer to CAT-1019 & CAT-1169 for Equator Abutments.

---

07
Site Preparation Sequence

Ø3.5mm Tapered (IA-LH-35)

<table>
<thead>
<tr>
<th>Soft Bone</th>
<th>Medium Bone</th>
<th>Dense Bone</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-Spine</td>
<td>Ø3.5mm</td>
<td>Ø3.5mm</td>
</tr>
<tr>
<td>D-Spine</td>
<td>Ø3.5mm</td>
<td>Ø3.5mm</td>
</tr>
<tr>
<td>D-Spine</td>
<td>Ø3.5mm</td>
<td>Ø3.5mm</td>
</tr>
</tbody>
</table>

Ø3.5mm Parallel Walled (IA-LHS-35)

<table>
<thead>
<tr>
<th>Soft Bone</th>
<th>Medium Bone</th>
<th>Dense Bone</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-Spine</td>
<td>Ø3.5mm</td>
<td>Ø3.5mm</td>
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<tr>
<td>D-Spine</td>
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<tr>
<td>D-Spine</td>
<td>Ø3.5mm</td>
<td>Ø3.5mm</td>
</tr>
</tbody>
</table>

NOTE: Site preparation sequences recommended by Southern Implants do not replace the judgement and experience of the surgeon.

Instrumentation

Placment Tools

- I-HLH-435/M
- I-MLHU-435/S/M
- I-WLH435/S/M

Converters

- I-WI-CST
- I-WI-SS

Drivers

- I-UGI-S/M/L
  
  For Handpiece inserts (Latch-type) featuring the W&H hex

  For SQUARE connection of future mounts and instruments

  Untignp Driver

NOTE: Refer to CAT-1155 for more information on wrench insert Converters.
- Most Instruments available in various lengths.
- Refer to page 46 for Insertion Tool Protocols.
TRI-NEX

Ø4.3mm
Ø4.3mm Implants (Tapered & Parallel Walled)

Implants are available in lengths of:

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTH (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA-LH-43-8</td>
<td>8.5</td>
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<tr>
<td>IA-LH-43-10</td>
<td>10.5</td>
</tr>
<tr>
<td>IA-LH-43-11.5</td>
<td>12.0</td>
</tr>
<tr>
<td>IA-LH-43-13</td>
<td>13.5</td>
</tr>
<tr>
<td>IA-LH-43-16</td>
<td>16.5</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTH (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA-LHS-43-8</td>
<td>8.5</td>
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<tr>
<td>IA-LHS-43-10</td>
<td>10.5</td>
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<tr>
<td>IA-LHS-43-11.5</td>
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<tr>
<td>IA-LHS-43-13</td>
<td>13.5</td>
</tr>
<tr>
<td>IA-LHS-43-15</td>
<td>15.5</td>
</tr>
</tbody>
</table>

Surgical Components

Cover Screw

CS-L-43

Healing Abutments

HA-L-43

HA-L-43W

3/5/7 lengths

3/5 lengths
**Prosthetic Flowchart Ø4.3 Interface**

**Direct**

- **Healing Abutments**
  - CB-L-43
  - IA-LH-43
  - IA-LHS-43

- **Impression Copings**
  - IC-L-43 (pick-up)
  - ICT-L-42 (transfer)
  - IC-L-43W (pick-up)
  - IGT-L-43W (handle)

- **Laboratory Analogues**
  - LA-L-43 (digital analogue)

- **Prosthetic Components**
  - GC-EL-43 (engaging)
  - GC-NL-43 (non-engaging)
  - TC-EL-43-1/5 (engaging)
  - TC-NL-43-1/5 (non-engaging)
  - PKC-EL-43-2 (engaging)
  - PKC-NL-43-2 (non-engaging)

- **Retaining Screws**
  - TB-L-20 (Titanium)
  - TB-L-20C (Coated)

- **Titanium Abutments**
  - SFT-EL-43 (scanning flap)

- **Passive Abutment Screws**
  - PA-L-20 (Titanium)
  - PA-L-20G (Gold)

**Indirect**

- **Compact Conical Abutment**
  - MCL-43
  - MCL-43-17°
  - MCL-43-30°

- **HMC**
  - 4/6

- **CMC1**
  - (handle)

- **CMC2**
  - (handle)

- **HMMC**
  - 4/6

- **SFT-MC-48**
  - (scanning flap)

- **LASC**
  - (digital analogue)

- **GMC1**
  - Gold

- **TMCI/5**
  - Titanium (long version)

- **PA-MC-48**
  - (passive abutment)

- **1 Series Screws**

**NOTE:** For Overdenture options refer to CAT-1019 & CAT-1169 for Equator Abutments.
Site Preparation Sequence

Ø4.3mm Tapered (IA-LH-43)

Soft Bone
Medium Bone
Dense Bone

Ø4.3mm Parallel Walled (IA-LHS-43)

Soft Bone
Medium Bone
Dense Bone

NOTE: Site preparation sequences recommended by Southern Implants do not replace the judgement and experience of the surgeon.

Instrumentation

Placement Tools
- I-HLH-43S/M
- I-HLU-43S/M
- I-WI-LH43S/M

Converters
- I-WI-CST
- I-WI-SS

Drivers
- I-UGI-S/M/L

For Handpiece inserts (Latch-type) featuring the W&H hex
For SQUARE connection of fixture mounts and instruments

NOTE: Refer to CAT-1155 for more information on wrench insert converters.
- Most Instruments available in various lengths.
- Refer to page 46 for Insertion Tool Protocols.
Ø5.0mm Implants (Tapered & Parallel Walled)

Implants are available in lengths of:

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTH</th>
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<tbody>
<tr>
<td>IA-LH-50-8</td>
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<tr>
<td>IA-LH-50-10</td>
<td>10.5</td>
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<td>13.5</td>
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<table>
<thead>
<tr>
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<td>IA-LHS-50-13</td>
<td>13.5</td>
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<tr>
<td>IA-LHS-50-15</td>
<td>15.5</td>
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</table>

Surgical Components

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
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</thead>
<tbody>
<tr>
<td>CS-L-50</td>
<td>HA-L-50</td>
</tr>
<tr>
<td></td>
<td>HA-L-50W</td>
</tr>
</tbody>
</table>

NOTE: Implant dimensions and information - page 54
NOTE: For Overdenture options refer to CAT-1019 & CAT-1189 for Equator Abutments.
### Prosthetic Flowchart

**Ø5.0 Interface**

#### Indirect

<table>
<thead>
<tr>
<th>Compact Conical Abutment</th>
<th>Healing Caps</th>
<th>Impression Copings</th>
<th>Laboratory Analogue</th>
<th>Prosthetic Components</th>
<th>Retaining Screws</th>
</tr>
</thead>
<tbody>
<tr>
<td>MC-L 50</td>
<td>HMCW 4/6</td>
<td>CMCW1</td>
<td>LSMCW1</td>
<td>GMCW1 Gold</td>
<td>1 Series Screws</td>
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<tr>
<td></td>
<td>OR</td>
<td>CMCW2</td>
<td></td>
<td>Titanium</td>
<td>PE/PEK</td>
</tr>
<tr>
<td></td>
<td>HMCTW9 4/6</td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td>SFT-MC-60 (scanning flag)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAD-MCW</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Titanium (digital analogue)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MCM-L 50</td>
<td>HMC 4/6</td>
<td>CMC1 (pick-up)</td>
<td>LSMC1</td>
<td>GMC1 Gold</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td>CMC2 (proximal)</td>
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<td>Titanium</td>
<td></td>
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<tr>
<td></td>
<td>HMCT7 4/5</td>
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<td></td>
<td>OR</td>
<td>SFT-MC-48 (scanning flag)</td>
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<td></td>
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<tr>
<td></td>
<td></td>
<td>LAD-MC</td>
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<tr>
<td></td>
<td></td>
<td>Titanium (digital analogue)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1 Series Screws

|                  |               |                     |                     |                       |                  |

**PKC-MC**

**TMC1 / 5**

**TMSL (long version)**

**PA-MC-48 (passive abutment)**
Site Preparation Sequence

Ø5.0mm Tapered (IA-LH-50)

Soft Bone

Medium Bone

Dense Bone

Ø5.0mm Parallel Walled (IA-LHS-50)

Soft Bone

Medium Bone

Dense Bone

NOTE: Site preparation sequences recommended by Southern Implants do not replace the judgement and experience of the surgeon.

Instrumentation

Placement Tools
- I-1LH-505/M
- I-1LH1-505/M
- I-WI-LH505/M

Converters
- I-WI-CST
- I-WI-SS

Drivers
- I-UGI-S/M/I

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

For SQUARE connection of fixture mounts and instruments

Unigrasp Driver

NOTE: Refer to CAT-1155 for more information on wrench insert Converters.
- Most Instruments available in various lengths.
- Refer to page 46 for Insertion Tool Protocols.
Ø6.0mm
Ø6.0mm Implants (Tapered)

**Implants are available in lengths of:**

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTH (in mm)</th>
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</thead>
<tbody>
<tr>
<td>IA-LH-60-8</td>
<td>8.5</td>
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<tr>
<td>IA-LH-60-10</td>
<td>10.5</td>
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<tr>
<td>IA-LH-60-11.5</td>
<td>12.0</td>
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<tr>
<td>IA-LH-60-13</td>
<td>13.5</td>
</tr>
<tr>
<td>IA-LH-60-16</td>
<td>16.5</td>
</tr>
</tbody>
</table>

**Surgical Components**

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-L-60</td>
<td>HA-L-60</td>
</tr>
<tr>
<td></td>
<td>HA-L-60W</td>
</tr>
<tr>
<td>![Cover Screw]</td>
<td>![Healing Abutments]</td>
</tr>
</tbody>
</table>

**NOTE:** Implant dimensions and information - page 54
NOTE: For Overdenture options refer to CAT-1019 & CAT-1169 for Equator Abutments.
Site Preparation Sequence

Ø6.0mm Tapered (IA-LH-60)

(Illustration is for 13mm implant)

NOTE: Site preparation sequences recommended by Southern Implants do not replace the judgement and experience of the surgeon.

Instrumentation

<table>
<thead>
<tr>
<th>Placement Tools</th>
<th>Converters</th>
<th>Drivers</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-HILH-60S/M</td>
<td>I-WI-CST</td>
<td>I-UGI-S/M/L</td>
</tr>
<tr>
<td>I-HLHU-60S/M</td>
<td>I-WI-SS</td>
<td></td>
</tr>
<tr>
<td>I-WLH60</td>
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</tr>
</tbody>
</table>

For Handpiece inserts (Latch-type) featuring the W&H hex
For SQUARE connection of fixture mounts and instruments
Unscrew Driver

NOTE: Refer to CAT-1155 for more information on wrench insert Converters.
- Most Instruments available in various lengths.
- Refer to page 46 for Insertion Tool Protocols.
TRI-NEX CO-AXIS®

Ø4.3mm
Implants are available in lengths of:

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAPERED L1</td>
<td>L2</td>
</tr>
<tr>
<td>IA43-12d-10</td>
<td>10.5 11.3</td>
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<tr>
<td>IA43-12d-11.5</td>
<td>12.0 12.8</td>
</tr>
<tr>
<td>IA43-12d-13</td>
<td>13.5 14.3</td>
</tr>
<tr>
<td>IA43-12d-16</td>
<td>16.5 17.3</td>
</tr>
</tbody>
</table>

NOTE: Implant dimensions and information - page 54

Surgical Components

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-L-35</td>
<td>HA-L-35</td>
</tr>
<tr>
<td>HA-L-35W</td>
<td></td>
</tr>
</tbody>
</table>

$\sigma_{4.3}$mm 12° Co-Axis® Implant (Tapered)

⚠️ Restore with $\sigma_{3.5}$ interface components
# Prosthetic Flowchart

## Ø3.5 Interface

### Direct

**Healing Abutments**
- CB-L-35
- HA-L-35
- IAS-12d

**Impression Copings**
- IC-L-35 (pick-up)
- IGT-L-35 (transfer)
- IC-T-35W (pick-up)
- IGT-T-35W (transfer)

**Laboratory Analogues**
- LA-L-35

**Prosthetic Components**
- GC-EL-35 (engaging)
- GC-NL-35 (non-engaging)
- TC-EL-35-1/5 (engaging)
- TC-NL-35-1/5 (non-engaging)
- PKC-EL-35-2 (engaging)
- PKC-NL-35-2 (non-engaging)

**Retaining Screws**
- TS-L-18 (Titanium)
- TS-L-18C (Coated)
- GS-L-18 (Gold)
- LS-L-18 (Brass)

### Indirect

**Compact Conical Abutment**
- MC-L-35 (1/2/3)
- MCL-35-17d (2/3)

**Impression Copings**
- CMC1 (transferred)
- CMC2 (male)
- OR

**Laboratory Analogues**
- LSMC1

**Prosthetic Components**
- GMC1 (Gold)
- TMC1 / 5 (Titanium, long version)
- PKC-MC (PEEK)

**Passive Abutment Screws**
- PA-EL-35X (engaging)
- PA-NL-35 (non-engaging)

**Passive Conical Abutment**
- PA-L-18
- PA-L-18G
- PA-L-18B

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

*Note: For overdenture options refer to CAT-1019 & CAT-1169 for Equator Abutments.*
Site Preparation Sequence

Ø4.3mm Tapered Co-Axis® (IA43-12d)

(illustration is for 13mm implant)

NOTE: Site preparation sequences recommended by Southern Implants do not replace the judgement and experience of the surgeon.

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.

Instrumentation

Placement Tools

<table>
<thead>
<tr>
<th>Tool</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-L43-12d</td>
<td>To fit W&amp;H Handpiece</td>
</tr>
<tr>
<td>I-WIL-43-12d</td>
<td>To fit Wrench</td>
</tr>
</tbody>
</table>

Converters

<table>
<thead>
<tr>
<th>Converter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-WI-CST</td>
<td>For Handpiece inserts (Latch-type) featuring the W&amp;H hex</td>
</tr>
<tr>
<td>I-WI-SS</td>
<td>For SQUARE connection of fixture mounts and instruments</td>
</tr>
</tbody>
</table>

Drivers

<table>
<thead>
<tr>
<th>Driver</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-UGI-S/MIL</td>
<td>Ungrip Driver</td>
</tr>
</tbody>
</table>

NOTE: - Refer to CAT-1155 for more information on wrench insert Converters.
- Most Instruments available in various lengths.
- Refer to page 46 for Insertion Tool Protocols.
Implants are available in lengths of:

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>L1</td>
</tr>
<tr>
<td>IA50-12d-10</td>
<td>10.5</td>
</tr>
<tr>
<td>IA50-12d-11.5</td>
<td>12.0</td>
</tr>
<tr>
<td>IA50-12d-13</td>
<td>13.5</td>
</tr>
<tr>
<td>IA50-12d-16</td>
<td>16.5</td>
</tr>
</tbody>
</table>

NOTE: Implant dimensions and information - page 54

Surgical Components

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-L-43</td>
<td>HA-L-43</td>
</tr>
<tr>
<td></td>
<td>HA-L-43W</td>
</tr>
</tbody>
</table>

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø4.5</td>
<td>Ø6.0</td>
<td></td>
</tr>
<tr>
<td>3/5/7 lengths</td>
<td>3/5 lengths</td>
<td></td>
</tr>
</tbody>
</table>
Prosthetic Flowchart

Ø4.3 Interface

Direct

Healing Abutments
- CB-L-43
- HA-L-43
- IA50-12d
- HA-L-43W
- ICL-43 (pick-up)
- ICT-43 (transfer)
- IC-L-43W (pick-up)
- IGT-43W (handle)
- SFT-EL-43 (scanning flap)
- LAD-43 (digit analogue)

Impression Copings
- LA-L-43

Laboratory Analogues
- GC-EL-43 (engaging)
- GC-NL-43 (non-engaging)
- TC-EL-43-1/5 (engaging)
- TC-EL-43-1/5 (non-engaging)
- PKC-EL-43-2 (engaging)
- PKC-NL-43-2 (non-engaging)

Prosthetic Components
- TCA-EL-43 (engaging)
- TCA12-EL-43 (engaging)
- TCA24-EL-43 (engaging)
- TIN-L-43 (engaging)
- TIB-L-43 (engaging)
- TIB-EL-43C (engaging)
- CIA-EL-43 (engaging)
- CIA-NL-43 (non-engaging)

Retaining Screws
- TS-L-20
- TS-L-20C
- GS-L-20
- BS-L-20

Titanium
PEEK

Indirect

Compact Conical Abutment
- MC-L-43
- MCL-43-178°
- MCL-43-304°

HMC
OR
HMCT7
CMC1 (titanium)
CMC2 (titanium)

SFT-MC-48 (scanning flap)
LAD-MC (digit analogue)

LSMC1

NOTE: For Overdenture options refer to CAT-1019 & CAT-1189 for Equator Abutments.
Site Preparation Sequence

Ø5.0mm Tapered Co-Axis® (IA50-12d)

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 subcortical.

Instrumentation

<table>
<thead>
<tr>
<th>Placement Tools</th>
<th>Converters</th>
<th>Drivers</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-L50-12d</td>
<td>I-WI-CST</td>
<td>I-UGI-S/ML</td>
</tr>
<tr>
<td>I-WIL-50-12d</td>
<td>I-WI-SS</td>
<td></td>
</tr>
</tbody>
</table>

To fit W&H Handpiece
To fit Wrench

For Handpiece inserts (Latch-type) featuring the W&H hex
For SQUARE connection of fixture mounts and instruments

Note: - Refer to CAT-1155 for more information on wrench insert Converters.
- Most Instruments available in various lengths.
- Refer to page 46 for Insertion Tool Protocols.
**TRI-MAX® Ø7.0mm Implant (Tapered)**

⚠️ Restore with Ø5.0 interface components

### Implants are available in lengths of:

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAPERED</td>
<td>L1</td>
</tr>
<tr>
<td>TRI-MAX7-7</td>
<td>7.0</td>
</tr>
<tr>
<td>TRI-MAX7-9</td>
<td>9.0</td>
</tr>
<tr>
<td>TRI-MAX7-11</td>
<td>11.0</td>
</tr>
</tbody>
</table>

**NOTE:** Implant dimensions and information - page 54

### Surgical Components

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-L-50</td>
<td>HA-L-50</td>
</tr>
<tr>
<td></td>
<td>Ø5.0</td>
</tr>
<tr>
<td></td>
<td>HA-L-50W</td>
</tr>
<tr>
<td></td>
<td>Ø6.0</td>
</tr>
</tbody>
</table>

3/5 lengths

3/5 lengths
NOTE: For overdenture options refer to CAT-1019 & CAT-1189 for Equator Abutments.
Site Preparation Sequence

Ø7.0mm Tapered (TRI-MAX7)  

(illustration is for 9mm length implant)

NOTE: Site preparation sequences recommended by Southern Implants do not replace the judgement and experience of the surgeon.
- Drill length of intermediate drills may differ from the length of definitive drills.

Additional Drills & instrumentation

<table>
<thead>
<tr>
<th>Dedicated Drills</th>
<th>Dedicated Taps</th>
<th>Profile Gauges</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-MAX-6-7  D-MAX-6-9  D-MAX-6-11</td>
<td>D-70TP-7  D-70TP-9  D-70TP-11</td>
<td>D-MAX-7-PG-7  D-MAX-7-PG-9  D-MAX-7-PG-11</td>
</tr>
</tbody>
</table>

(Optional intermediate drill)

NOTE: Longer Shaft Lengths available

<table>
<thead>
<tr>
<th>Placement Tools</th>
<th>Converters</th>
<th>Drivers</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-HLH-50S/M  I-HLHJ-50S/M</td>
<td>I-WI-CST  I-WI-SS  I-UGI-S/M/L</td>
<td></td>
</tr>
</tbody>
</table>

To fit WH Handpiece  Universal Handpiece  To fit Wrench

For Handpiece inserts (Latch-type) featuring the WH hex  For SQUARE connection of fixture mounts and instruments  Ungrip Driver

NOTE: - Refer to CAT-115S for more information on wrench insert Converters.
- Most Instruments available in various lengths.
- Refer to page 46 for Insertion Tool Protocols.
Ø8.0mm
TRI-MAX® Ø8.0mm Implant (Tapered)

TRI-MAX8

Implants are available in lengths of:

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>TAPERED</th>
<th>IMPLANT LENGTHS (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRI-MAX8-7</td>
<td>7.0</td>
<td>8.9</td>
</tr>
<tr>
<td>TRI-MAX8-9</td>
<td>9.0</td>
<td>10.0</td>
</tr>
<tr>
<td>TRI-MAX8-11</td>
<td>11.0</td>
<td>11.6</td>
</tr>
</tbody>
</table>

NOTE: Implant dimensions and information - page 54

Surgical Components

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-L-60</td>
<td>HA-L-60</td>
</tr>
<tr>
<td></td>
<td>Ø6.0</td>
</tr>
<tr>
<td></td>
<td>3/5 lengths</td>
</tr>
<tr>
<td></td>
<td>HA-L-60W</td>
</tr>
<tr>
<td></td>
<td>Ø7.0</td>
</tr>
<tr>
<td></td>
<td>3/5 lengths</td>
</tr>
</tbody>
</table>
NOTE: For Overdenture options refer to CAT-1019 & CAT-1189 for Equator Abutments.
Site Preparation Sequence

Ø8.0mm Tapered (TRI-MAX8)

Illustration is for 9mm length implant

NOTE: - Site preparation sequences recommended by Southern Implants do not replace the judgement and experience of the surgeon.
- Drill length of intermediate drills may differ from the length of definitive drills.

Additional Drills & instrumentation

<table>
<thead>
<tr>
<th>Dedicated Drills</th>
<th>Dedicated Taps</th>
<th>Profile Gauges</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-80TP-7</td>
<td>D-TAP-MAX8-7</td>
<td>MAX-8-PG-7</td>
</tr>
<tr>
<td>D-80TP-9</td>
<td>D-TAP-MAX8-9</td>
<td>D-MAX-8-PG-9</td>
</tr>
<tr>
<td>D-80TP-11</td>
<td>D-TAP-MAX8-11</td>
<td>D-MAX-8-PG-11</td>
</tr>
</tbody>
</table>

NOTE: Longer Shaft Lengths available

Placement Tools

- I-1LH-60S/M
- I-1LHU-60S/M

Converters

- I-1WI-CST
- I-1WI-SS

Drivers

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

For SQUARE connection of fixture mounts and instruments

Unigrip Driver

NOTE: - Refer to CAT-1155 for more information on wrench insert Converters.
- Most Instruments available in various lengths.
- Refer to page 46 for Insertion Tool Protocols.
TRI-MAX® Ø9.0mm Implant (Tapered)

TRI-MAX9

Implants are available in lengths of:

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>L1</td>
</tr>
<tr>
<td>TRI-MAX9-7</td>
<td>7.0</td>
</tr>
<tr>
<td>TRI-MAX9-9</td>
<td>9.0</td>
</tr>
<tr>
<td>TRI-MAX9-11</td>
<td>11.0</td>
</tr>
</tbody>
</table>

NOTE: Implant dimensions and information - page 54

Surgical Components

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-L-60</td>
<td>HA-L-60</td>
</tr>
<tr>
<td>HA-L-60</td>
<td>HA-L-60W</td>
</tr>
</tbody>
</table>

Restore with Ø6.0 interface components
Direct

Healing Abutments
- CS-L-60
- TRI-MAX
- HA-L-60W

Impression Copings
- IC-L-60 (secondarily)
- IC-L-60W (pick-up)
- ICT-L-60 (transfer)

Laboratory Analogues
- LA-L-60
- SFT-EL-60 (scanning flag)
- LAD-L-60

Prosthetic Components
- GC-EL-60 (Ni-implant)
- GC-EL-60 (Ni-implant)
- TC-EL-40.1/5 (Ni-implant)
- TC-EL-40.1/5 (Ni-implant)
- PKC-EL-60-2 (Ni-implant)
- PKC-EL-60-2 (Ni-implant)

Retaining Screws
- TB-L-20
- TS-L-20C
- GS-L-20
- BS-L-20

Direct Abutments

Titanium

Gold

PEEK

Coated

Gold

Brass

Titanium

Gold

Brass

PASSIVE
Abutment

NOTE: For Overdenture options refer to CAT-1019 & CAT-1189 for Equator Abutments.
### Additional Drills & instrumentation

<table>
<thead>
<tr>
<th>Dedicated Drills</th>
<th>Dedicated Taps</th>
<th>Profile Gauges</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-90TP-7</td>
<td>D-TAP-MAX9-7</td>
<td>MAX-9-PG-7</td>
</tr>
<tr>
<td>D-90TP-9</td>
<td>D-TAP-MAX9-9</td>
<td>D-MAX-9-PG-9</td>
</tr>
</tbody>
</table>

**NOTE:** Longer Shaft Lengths available

### Placement Tools

- I-HLH-60S/M
- I-HLU-60S/M
- I-WI-LH60

**NOTE:** To fit W&H Handpiece

### Converters

- I-WI-CST: For Handpiece inserts (Latch-type) featuring the W&H hex
- I-WI-SS: For SQUARE connection of fixture mounts and instruments

**NOTE:** Most Instruments available in various lengths.

### Drivers

- I-UGI-S/M/L: Unigrip Driver

**NOTE:** Refer to CAT-1155 for more information on wrench insert Converters.
## 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.

## Soft Bone Drills

**CODES**
- DLS-35-8 / 10 / 11.5 / 13 / 16
- DLS-43-8 / 10 / 11.5 / 13 / 16
- DLS-50-8 / 10 / 11.5 / 13 / 16
- DLS-60-8 / 10 / 11.5 / 13 / 16

The different collar markings stand proud from the tray to ensure easy selection.

## Medium/Hard Bone Drills

**CODES**
- D-L-35-8 / 10 / 11.5 / 13 / 16
- D-L-43-8 / 10 / 11.5 / 13 / 16
- D-L-50-8 / 10 / 11.5 / 13 / 16
- D-L-60-8 / 10 / 11.5 / 13 / 16

The regular tapered drills (D-L-35/43/50/60) are recommended for medium to hard bone and the slightly slimmer versions (DLS-35/43/50/60) are more suitable for use where the patient presents with soft to medium bone.

<table>
<thead>
<tr>
<th>DLS</th>
<th>D-L</th>
</tr>
</thead>
<tbody>
<tr>
<td>CODES</td>
<td>( \varnothing )</td>
</tr>
<tr>
<td>DLS-35</td>
<td>3.8</td>
</tr>
<tr>
<td>DLS-43</td>
<td>4.3</td>
</tr>
<tr>
<td>DLS-50</td>
<td>5.0</td>
</tr>
<tr>
<td>DLS-60</td>
<td>6.0</td>
</tr>
</tbody>
</table>

## Taps - Tapered

**CODES**
- D-TAP-L-35
- D-TAP-L-43
- D-TAP-L-50
- D-TAP-L-60

## Taps - Cylindrical

**CODES**
- D-TAP-LS-35
- D-TAP-LS-43
- D-TAP-LS-50

D-TAP-L-43 | D-TAP-LS-43
**Unigrip Drivers**

- HANDHELD: I-UGI-S/M/L
- HANDPIECE: I-HUG-S/M/L
- WRENCH: I-WUG-S/M/L

**Abutment Drivers** (for Compact Conical Abutments)

- HANDHELD: I-AD
- HANDPIECE: I-HAD
- WRENCH: I-WI-A

**HEX Drivers**

- HANDHELD: I-HD-22U-S/M/L
- HANDPIECE: I-HHD-22U-S/M/L
- WRENCH: I-WH-22U-S/M/L

**NOTE:** Refer to CAT-1203 for alternative Drivers
**TORQUE TABLE FOR SOUTHERN SCREWS**

### Unigrip Prosthetic screws

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Torque</th>
<th>Head Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1.8</td>
<td>TS-L-18</td>
<td>32Ncm</td>
<td>2.50mm</td>
</tr>
<tr>
<td></td>
<td>TS-L-18C</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>GS-L-18</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>BS-L-18*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Note: Screw TORQUE with PEEK Prosthetics: 15Ncm*

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Torque</th>
<th>Head Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2</td>
<td>TS-L-20</td>
<td>32-40Ncm</td>
<td>2.50mm</td>
</tr>
<tr>
<td></td>
<td>TS-L-20C</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>GS-L-20</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>BS-L-20*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Note: Screw TORQUE with PEEK Prosthetics: 20Ncm*

### Unigrip Passive Abutment screws

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Torque</th>
<th>Head Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1.8</td>
<td>PA-L-18</td>
<td>32Ncm</td>
<td>2.70mm</td>
</tr>
<tr>
<td></td>
<td>PA-L-18G</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>PA-L-18B*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Torque</th>
<th>Head Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2</td>
<td>PA-L-20</td>
<td>32-40Ncm</td>
<td>2.70mm</td>
</tr>
<tr>
<td></td>
<td>PA-L-20G</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>PA-L-20B*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Digital Laboratory Analogue screw

<table>
<thead>
<tr>
<th>Description</th>
<th>Torque</th>
<th>Head Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAD-5</td>
<td>1.22 Hex</td>
<td>2.40mm</td>
</tr>
</tbody>
</table>

*NOTE: Screw supplied with all Digital Analogues*

### TIB Abutment Screw

<table>
<thead>
<tr>
<th>Description</th>
<th>Torque</th>
<th>Head Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>TS-TT-TIB</td>
<td>1.22 Hex</td>
<td>2.40mm</td>
</tr>
</tbody>
</table>

### 1 Series screws

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Torque</th>
<th>Head Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1.4</td>
<td>TSH1</td>
<td>10-15Ncm</td>
<td>2.25mm</td>
</tr>
<tr>
<td></td>
<td>GSH1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>BSH1*</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TSU1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>GSU1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Note: Screw TORQUE with PEEK Prosthetics: 10 - 15Ncm*

### Angled Compact Conical Abutment screws

<table>
<thead>
<tr>
<th>Description</th>
<th>Torque</th>
<th>Head Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>TUMCL-18C</td>
<td>20Ncm</td>
<td>2.25mm</td>
</tr>
<tr>
<td>GU-MCL-18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TUMCL-20C</td>
<td>(coated)</td>
<td>2.45mm</td>
</tr>
<tr>
<td>GU-MCL-20</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*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)*

### Screw Head Connections

**Hex**

**Unigrip**
Implant Placement for TRI-NEX & TRI-MAX Implants

Pick-up and placement procedure

1. The tool I-HLH is used to pick up the implant from the packaging.

2. The dimples of the tool and lobes of the implant should line up. This allows alignment of a lobe buccally.

3. The hexagon must be fully engaged before torque is applied to the implant, 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).

4. The implant is placed in the prepared site and screwed in with a motor unit at 10-15 rpm while applying downwards pressure.

Instructions for inserting the Insertion Tool for the TRI-NEX Co-Axis™ Implant

1. Identify the two dimples on the implant platform. This side lines up with one of the lobes (fig.1).

2. Identify the dimples on the insertion tool (fig.2).

3. Line up the dimples on the insertion tool with the dimples on the implant platform (fig.3). Push the tool into the implant until the insertion tool fits flush with the implant.

Important: The PEEK bits (I-PBIT-L18 /L20) should be replaced on a regular basis. General wear & tear are to be expected with regular use. (Items sold separately)

NOTE: - I-PBIT-L18 for Ø3.5mm interface instrumentation only.
- I-PBIT-L20 for Ø4.3mm, Ø5.0mm & Ø6.0mm interface instrumentation.
Insertion Tool Removal Protocol

1. To remove the insertion tool from the implant, pull the insertion tool in the direction perpendicular to restorative platform and parallel to prosthetic axis (fig. 1).

2. The insertion tool will be removed in the direction of the pulling force (fig. 2).

NOTE: Do not detach the insertion tool from implant before final placement is confirmed (after final X-rays are taken). Detach the insertion tool from the hand-piece only.
I-TRI-NEX-EG for surgical placement of TRI-NEX Implants

Upper Tray

Pilot Drills
D-35Spade=1.8M
D-48MS
D-137M15
D-16-T

Dedicated Twist Drills
Ø2.0mm Twist Drills
D-20TM10
D-20TM15

Ø2.5mm
D-25T-M15
D-25T-M20

Ø2.9mm
D-29T-M15
D-29T-M20

Ø3.0mm
D-30T-M10
D-30T-M15

Ø3.3mm
D-33T-M10
D-33T-M15

Ø3.5mm
D-35T-M15

Ø4.0mm
D-40T-M10
D-40T-M15

Ø4.3mm
D-43T-M10
D-43T-M15

Ø4.6mm
D-46T-M10
D-46T-M15

Counter Bore
D-CB

Counter Sink
D-CSS-M (Ø3mm)
D-CSS-S (Ø5mm)

Primary Drills
Ø3.5
D-L-35-8
D-L-35-10
D-L-35-11.5
D-L-35-13
D-L-35-16

Ø4.3
D-L-43-8
D-L-43-10
D-L-43-11.5
D-L-43-13
D-L-43-16

Ø5.0
D-L-50-8
D-L-50-10
D-L-50-11.5
D-L-50-13
D-L-50-16

 Ø6.0
D-L-60-8
D-L-60-10
D-L-60-11.5
D-L-60-13
D-L-60-16

Additional Drills

Drivers

Placement Tools

INTERMEDIATE TAPERED DRILLS

Ø3.5
I-HLH-35S / M (Handpiece insert)
I-HLHU-35S / M (Universal)
I-WHLH-35S / M (Wrench insert)

Ø4.3
I-HLH-43S / M (Handpiece insert)
I-HLHU-43S / M (Universal)
I-WHLH-43S / M (Wrench insert)

Ø5.0
I-HLH-50S / M (Handpiece insert)
I-HLHU-50S / M (Universal)
I-WHLH-50S / M (Wrench insert)

Ø6.0
I-HLH-60S / M (Handpiece insert)
I-HLHU-60S / M (Universal)
I-WHLH-60S / M (Wrench insert)

Universal 1.22/1.27 Hex Drivers

HUG-SML Handpiece Insert

WHUG-SML Wrench Insert

Compact Conical Abutment Drivers

HAD Handpiece Insert

WHAD Wrench Insert

Placement Tools Co-Axis 12°

Ø4.3
LL43-12d (Handpiece insert)
HFL-43-12d (Wrench insert)

Ø5.0
LL50-12d (Handpiece insert)
HFL-50-12d (Wrench insert)
Lower Tray

**Fixture Mount Extension**
- I-FME-XS / M / L
  - For Fixture Mount (Hex top)

**Drill Extensions**
- I-DE-G (For use with W&H)
- I-DE-K (Universal)

**Bone Mills**
- I-HBML-35
- I-HBML-43
- I-HBML-50
- I-HBML-60

**Direction Indicators**
- I-D1
  - Ø2.8mm

**12° Angled Direction Indicators**
- I-D12d
  - Ø2.0mm
- I-DN-12d
  - Ø1.0mm

**Converters**
- HM-C-S
  - Handpiece to Wrench

**Depth Gauge**
- I-DG-20

**Wrench Insert Converters**
- HM-CST
  - For Handpiece inserts (Latch-type) featuring the W&H hex.
- I-WI-SL
  - For Handpiece inserts (Latch-type) without the W&H hex.
- LW-SS
  - For SQUARE connection of fixture mounts and instruments

**Ratchet Wrench**
- I-TWS

**Torque Attachments**
- LTWS-345
- LTWS-8100

**Flat Spanner**
- I-SP-X (System specific)

**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 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 TRI-MAX Implants

Upper Tray

Pilot Drills
D-3Spade-1.8M
D-18-MS
D-127-M15

Ø2.0mm Twist Drills
D-200-M10/M15

Insertion Tools
HHHL-32SM
HHHL-43SM
HHHL-60SM
HHHL-60SM

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

Intermediate Tapered Drills
Ø3.5
D-1.35-8
D-1.35-10
D-1.35-11.5

Ø4.3
D-1.43-6
D-1.43-10
D-1.43-11.5

Ø5.0
D-1.60-8
D-1.60-10
D-1.60-11.5

Primary Drills

Spares

Gauges

Drill / Implant length measure

Intermediate Drills
Ø3.3
Ø4
Ø5

MAX Drills

Taps

Dedicated MAX Taps
Ø6.0
D-TAP-MAX6-6
D-TAP-MAX6-7
D-TAP-MAX6-9
D-TAP-MAX6-11

Ø7.0
D-TAP-MAX7-7
D-TAP-MAX7-9
D-TAP-MAX7-11

Ø8.0
D-TAP-MAX8-7
D-TAP-MAX8-9
D-TAP-MAX8-11

Ø9.0
D-TAP-MAX9-7
D-TAP-MAX9-9
D-TAP-MAX9-11

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.
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.
The horizontal offset or platform shifting concept implies that the prosthetic components emerge from the implant at a diameter smaller than the diameter of the implant neck. In this way, the prosthetic connection is displaced horizontally inwards from the perimeter of the implant, creating space for a collar of soft tissue at the abutment/implant interface. This concept has been widely published with reports of improved bone response.

In fig. 1 a TRI-NEX implant is shown with a 12° angled Cosmetic Abutment attached. Please note the horizontal offsets as indicated.

Coated Titanium Retaining Screws

Southern Implants introduces a new retaining screw with a low friction coating, that is suitable for use with the TRI-NEX range of implants and prosthetic components.

Advantages of a Coated Screw:

The screws with low friction coating provides the user with a similar pre-load to that of a gold screw but with the added advantage of having the tensile strength of a titanium alloy screw.

Specifications of the low friction coating:

- Biocompatible
- Very low friction (both under ambient and wet conditions)
- Proven performance

Extensive testing has verified the unique performance of the coating, showing that the friction properties become even better upon re-tightening.

Please note that improperly tightened screws are more likely to experience fatigue fracture, hence the necessity for controlled tightening and re-tightening, to maintain optimal pre-load.
**IMPLANT DIMENSIONS AND INFORMATION**

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**NOTE:**
- All dimensions in this catalogue are in mm, unless otherwise specified.
- Not all products are cleared for sale in all countries.
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. **Sterilization using irradiation**
   - Do not Resterilize
   - Consult instruction for use
   - Do not reuse
   - CE mark and notified body number
   - Use by mm-yy
   - Sterile unless package is opened or damaged
6. **2D Bar code**
   - Contains the GTIN, Expiry 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 CARE PROVIDER.

### Platform Interface

- Ø3.5
- Ø4.3
- Ø5.0
- Ø6.0
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