EXTERNAL HEX 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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<td>Site Preparation</td>
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<td>Prosthetic Flowchart (Indirect)</td>
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<td>Ø5.0mm 12° / 24° / 36° Co-Axis Implants (Tapered) REDUCED PLATFORM</td>
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<td>Prosthetic Flowchart</td>
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<td>Site Preparation</td>
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</table>

Further information available on our website
SOUTHERNIMPLANTS.COM
EXTERNAL HEX
Ø3.0mm
PICCOLO
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>
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<td>IP-</td>
<td>8.5 / 10 / 11.5 / 13 / 15</td>
<td>MSc-IP-</td>
<td>8.5 / 10 / 11.5 / 13 / 15</td>
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Surgical Components

<table>
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<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
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<tr>
<td>SCP-2</td>
<td>TPN</td>
</tr>
<tr>
<td></td>
<td>Ø3.0</td>
</tr>
<tr>
<td></td>
<td>TPW</td>
</tr>
<tr>
<td></td>
<td>Ø4.0</td>
</tr>
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Diagram of Ø3.0mm PICCOLO Implants (Tapered)

NOTE: • Available in MSc. Information on page 74
• Implant dimensions and information - page 72

Restore with 3.0mm components
**Prosthetic Flowchart**

### Ø3.0 Interface

#### Direct

- **Healing Abutments**
  - SCP-2
  - IP

- **Impression Copings**
  - TPN
  - TPW

- **Laboratory Analogaues**
  - SFT-EX-30 (scanning flag)
  - LAD-IP (digital analogue)

- **Prosthetic Components**
  - GC-EX-30 (engaging)
  - GC-NX-30 (non-engaging)
  - TCP1h (engaging)
  - TCP1nh (non-engaging)
  - PKP2h (engaging)
  - PKP2nh (non-engaging)

- **Retaining Screws**
  - TS-P-16
    - Titanium (M1.6 mm, 1.22 Hexed)

#### Indirect

- **Compact Conical Abutment**
  - APMC
    - 1 / 2 / 4 / 5

- **Impression Copings**
  - CMC1 (engaged)
  - CMC2 (transfer)

- **Laboratory Analogaues**
  - LSMC1

- **Prosthetic Components**
  - GMC1
  - TMC1 / 5
  - PKC-MC

- **Retaining Screws**
  - 1 Series Screws

**NOTE:** For Vertical Passive Abutment refer to CAT-1120. Refer to CAT-1189 for Equator Overdenture options.
Site Preparation Sequence

Ø3.0mm Piccolo Tapered (IP / MSc-IP)  
(Illustration is for 13mm implant)

Soft Bone

Medium Bone

Dense Bone

NOTE: Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.
**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>
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</thead>
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<tr>
<td>IBN</td>
<td>8.5 / 10 / 11.5 / 13 / 15 / 18</td>
<td>IBNT</td>
<td>8.5 / 10 / 11.5 / 13 / 15 / 18</td>
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<tr>
<td>MSc-IBNT-</td>
<td>8.5 / 10 / 11.5 / 13 / 15</td>
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**Surgical Components**

<table>
<thead>
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<th>Cover Screw</th>
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<tr>
<td>SCNU2</td>
<td>TBN</td>
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<tr>
<td></td>
<td>Ø3.6</td>
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<td></td>
<td>WBN</td>
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NOTE: • Available in MSc. Information on page 74  
• Implant dimensions and information - page 72
**Prosthetic Flowchart**

**Ø3.25 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>
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<tbody>
<tr>
<td>SCNU2</td>
<td>CBNU (primary)</td>
<td>CBN70 (transfer)</td>
<td>GC-EX-34 (engaging)</td>
<td>DIRECT Abutments</td>
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<td>IBN</td>
<td>TBN</td>
<td>CBN-W (primary)</td>
<td>GC-NX-34 (non-engaging)</td>
<td>Gold</td>
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<tr>
<td>IBNT</td>
<td>WBN</td>
<td>LSNU12</td>
<td>TCBN1hSh (engaging)</td>
<td>Titanium Uses 2 Series Screws</td>
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### Indirect

**Compact Conical Abutments**

- **ABNMCZ**
  - 1 / 2 / 3 / 4 / 5
  - OR
- **ABNMC17d**

<table>
<thead>
<tr>
<th>Compact Conical Abutments</th>
<th>Impression Copings</th>
<th>Laboratory Analogues</th>
<th>Prosthetic Components</th>
<th>Retaining Screws</th>
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</thead>
<tbody>
<tr>
<td>HMC</td>
<td>CMC1 (primary)</td>
<td>CMC2 (transfer)</td>
<td>GMC1</td>
<td>GM1 Series</td>
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<td>HMC77</td>
<td>SFT-MC-48 (scanning flag)</td>
<td>Titanium</td>
<td>TMC1 / 5</td>
<td>Titanium Uses 1 Series Screws</td>
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<tr>
<td>OR</td>
<td>LAD-MC</td>
<td>(digital analogue)</td>
<td>PKC-MC</td>
<td>PEEK</td>
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**NOTE:** For Vertical Passive Abutment refer to CAT-1120. For Overdenture Abutments refer to CAT-1019 and CAT-1189 for Equator Overdenture options.
Site Preparation Sequence

Ø3.25mm Parallel Walled (IBN)

SOFT BONE

Medium Bone

DENSE BONE

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

Ø3.75mm / Ø4.0mm
**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>
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<tbody>
<tr>
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<td>7 / 8.5 / 10 / 11.5 / 13 / 15</td>
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<td>IBT</td>
<td>6 / 8.5 / 10 / 11.5 / 13 / 15 / 18</td>
<td>MSc-IBT-</td>
<td>6 / 8.5 / 10 / 11.5 / 13 / 15</td>
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<td>IBPS-</td>
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**Surgical Components**

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<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
<th>Healing Abutments (two-part)</th>
</tr>
</thead>
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<tr>
<td>SCU2</td>
<td>TB</td>
<td>Ø4.5</td>
</tr>
<tr>
<td></td>
<td>WB</td>
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</tbody>
</table>

Available in Internal Drive refer to CAT-1139

Available in Internal Drive refer to CAT-1139

Implant dimensions and information - page 72
NOTE: For Vertical Passive Abutment refer to CAT-1120. For Overdenture Abutments refer to CAT-1019 and CAT-1189 for Equator Overdenture options.
Site Preparation Sequence

Ø3.75mm Parallel Walled (IBS / MSc-IBS)

Soft Bone

Medium Bone

Dense Bone

(Illustrations are for 13mm implants)

Ø4.0mm Tapered (IBT / IBPS / MSc-IBT)

Soft Bone

Medium Bone

Dense Bone

Ø4.0mm Tapered (IET4)

Soft Bone

Medium Bone

Dense Bone

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

Ø5.0mm
**Ø5.0mm Implants** (Parallel Walled & Tapered)

![Implant Images]

**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>
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<tbody>
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<td>BA</td>
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<td>MSc-BA</td>
<td>6 / 7 / 8.5 / 10 / 11.5 / 13 / 15</td>
</tr>
<tr>
<td>BAT</td>
<td>6 / 8.5 / 10 / 11.5 / 13 / 15 / 18</td>
<td>MSc-BAT-</td>
<td>6 / 8.5 / 10 / 11.5 / 13 / 15</td>
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**Surgical Components**

**Cover Screw**

<table>
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<tr>
<th>SCAU5</th>
<th>TBA</th>
<th>XBA</th>
<th>WBA</th>
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</thead>
<tbody>
<tr>
<td>Ø5.5</td>
<td>Ø6.5</td>
<td>Ø7.5</td>
<td></td>
</tr>
</tbody>
</table>

**Healing Abutments**

- TBA: 2/3/4/8 lengths
- XBA: 2/3/4/8 lengths
- WBA: 2/3/4/8 lengths
- TV5BA: Ø5.0 lengths
- T5BA: Ø5.0 lengths
- T6BA: Ø6.5 lengths
- T7BA: Ø7.5 lengths

**Healing Abutments (two-part)**

- 4/6 lengths
- 3/4/6 lengths
- 3/4/6/12 lengths
- 3/4/6/12 lengths

**NOTE:**
- Available in MSc. Information on page 74
- Available in Internal Drive refer to CAT-1139
- Implant dimensions and information - page 72

> Restore with 5.0mm components
NOTE: For Overdenture Abutments refer to CAT-1019 and CAT-1189 for Equator Overdenture options.
Site Preparation Sequence

Ø5.0mm Parallel Walled (BA)

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<tr>
<td>Ø3.0mm</td>
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Ø5.0mm Tapered (BAT / MSc-BAT)

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<tr>
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<td>Ø4.3mm</td>
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NOTE: Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.

(Illustrations are for 13mm implants)
EXTERNAL HEX

Ø6.0mm


**Ø6.0mm Implants** (Parallel Walled & Tapered)

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

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (in mm)</th>
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<tbody>
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<td>BBBT</td>
<td>6 / 8.5 / 10 / 11.5 / 13 / 15 / 18</td>
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**Surgical Components**

**Cover Screw**

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**Healing Abutments**

<table>
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<tr>
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2/3/4/6 lengths

2/3/4/6/8 lengths

**Healing Abutments (two-part)**

<table>
<thead>
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<tbody>
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<td>Ø7.5</td>
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</tbody>
</table>

3/4/6 lengths

3/4/6 lengths

**NOTE:**

- Available in Internal Drive refer to CAT-1139
- Implant dimensions and information - page 72
**Direct**

### Healing Abutments
- SCU6
- TBBB (one-part)

### Impression Copings
- CBBBU (pick-up)
- CBBBU-W (pick-up)

### Laboratory Analougues
- CBBB75 (transfer)
- LBBBS12
- TIB-EX-60 (scanning flag)
- TIB-NX-60 (scanning flag)

### Ceramic Abutments
- SFT-EX-60 (scanning flag)
- CBBB75 (transfer)

### Passive Abutments
- SFT-MC-60 (scanning flag)
- SFT-EX-60 (scanning flag)

### Prosthetic Components
- GC-EX-40 (engaging)
- GC-NX-60 (non-engageing)
- TCBBB1h/5h (engaging)
- TCBBB1h/5h (non-engageing)

### Retaining Screws
- DBBB
- DBBBS12
- DBBBS24

### Indirect

### Compact Conical Abutments
- ABBBMCZ
- 1 / 2 / 3

### Healing Abutments
- HMCW
- CMCW1 (pick-up)
- CMCW2 (transfer)

### Impression Copings
- L5MCW1

### Laboratory Analougues
- GMCW1
- TM CW / 5

### Ceramic Abutments
- SFT-MC-60 (scanning flag)

### Passive Abutments
- LAD-MCW

### Prosthetic Components
- Gold
- Titanium
- PEEK

### Retaining Screws
- 1 Series Screws

**Prosthetic Flowchart**

Ø6.0 Interface
Site Preparation Sequence

Ø6.0mm Parallel Walled (BBBS) (Illustrations are for 13mm implants)

<table>
<thead>
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<th>Soft Bone</th>
<th>Medium Bone</th>
<th>Dense Bone</th>
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<tbody>
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<td>Ø6.0mm</td>
<td>Ø6.0mm</td>
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<td>D-Spade</td>
<td>D-Spade</td>
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</tr>
<tr>
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Ø6.0mm Tapered (BBBT)

<table>
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</tr>
</tbody>
</table>

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

Ø3.25mm

12° Co-Axis®
Implants are pre-mounted and available in lengths of:

<table>
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<tr>
<th>ITEM CODE</th>
<th>TAPERED</th>
<th>IMPPLANT LENGTHS (in mm)</th>
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<td>MSc-IBNT12d-8.5</td>
<td>L1 8.5, L2 9.2</td>
</tr>
<tr>
<td>IBNT12d-10</td>
<td>MSc-IBNT12d-10</td>
<td>L1 10, L2 10.7</td>
</tr>
<tr>
<td>IBNT12d-11.5</td>
<td>MSc-IBNT12d-11.5</td>
<td>L1 11.5, L2 12.2</td>
</tr>
<tr>
<td>IBNT12d-13</td>
<td>MSc-IBNT12d-13</td>
<td>L1 13, L2 13.7</td>
</tr>
<tr>
<td>IBNT12d-15</td>
<td>MSc-IBNT12d-15</td>
<td>L1 15, L2 15.7</td>
</tr>
<tr>
<td>IBNT12d-18</td>
<td>MSc-IBNT12d-18</td>
<td>L1 18, L2 18.7</td>
</tr>
</tbody>
</table>

Surgical Components

- **Cover Screw**: SCNU2
- **Healing Abutments**: TBN Ø3.6, WBN Ø4.5 lengths

NOTE: • Available in MSc. Information on page 74
• Implant dimensions and information - page 72
Prosthetic Flowchart

Ø3.25 Interface

Direct

Healing Abutments

IBNT12d

Impression Copings

TBN

CBNU-W ( Winni )

CBNU

CBN70 ( transfer )

Laboratory Analogues

LSN12

Prosthetic Components

GC-EX-34 ( engaging )

GC-NX-34 ( non-engaging )

TCBN1h5h ( engaging )

TCBN1h5h ( non-engaging )

PKBN2h ( engaging )

PKBN2h ( non-engaging )

Retaining Screws

Gold

Titanium Uses 2 Series Screws

PEEK

DBNS12

2 Series Screws

3 Series Screws

CER-ZR-34-4 / 6

Indirect

Compact Conical Abutments

ABNMCZ

1 / 2 / 3 / 4 / 5

OR

ABNMC17d

HMC

CMC1 ( anot )

CJC2 ( transfer )

LSMC1

GMC1

PA-MC-48 ( passive abutment )

TMC1 / 5

Gold

Titanium

1 Series Screws

PKC-MC

NOTE: For Vertical Passive Abutment refer to CAT-1120. For Overdenture Abutments refer to CAT-1019 and CAT-1189 for Equator Overdenture options.
Site Preparation Sequence

Ø3.25mm Co-Axis™ (IBNT12d / MSc-IBNT12d)

(Illustration is for 13mm implant)

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

Ø4.0mm

12° Co-Axis®
**Implants are pre-mounted and available in lengths of:**

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>TAPERED</th>
<th>TAPERED</th>
<th>IMPLANT LENGTHS (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBT-12d-8.5</td>
<td>MSc-IBT-12d-8.5</td>
<td>8.5</td>
<td>9.4</td>
</tr>
<tr>
<td>IBT-12d-10</td>
<td>MSc-IBT-12d-10</td>
<td>10.0</td>
<td>10.9</td>
</tr>
<tr>
<td>IBT-12d-11.5</td>
<td>MSc-IBT-12d-11.5</td>
<td>11.5</td>
<td>12.4</td>
</tr>
<tr>
<td>IBT-12d-13</td>
<td>MSc-IBT-12d-13</td>
<td>13.0</td>
<td>13.9</td>
</tr>
<tr>
<td>IBT-12d-15</td>
<td>MSc-IBT-12d-15</td>
<td>15.0</td>
<td>15.9</td>
</tr>
<tr>
<td>IBT-12d-18</td>
<td></td>
<td>18.0</td>
<td>18.9</td>
</tr>
</tbody>
</table>

**Surgical Components**

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
<th>Healing Abutments (two-part)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCU2</td>
<td>TB</td>
<td>TV4B</td>
</tr>
<tr>
<td></td>
<td>Ø4.5</td>
<td>Ø4.0</td>
</tr>
<tr>
<td></td>
<td>2/3/4/5/6/8 lengths</td>
<td>4/6 lengths</td>
</tr>
<tr>
<td>WB</td>
<td>T4B</td>
<td>T5B</td>
</tr>
<tr>
<td>Ø5.5</td>
<td>Ø4.5</td>
<td>Ø5.5</td>
</tr>
<tr>
<td>2/3/4/6/8 lengths</td>
<td>2/4/6 lengths</td>
<td>3/4/6/8 lengths</td>
</tr>
</tbody>
</table>
NOTE: For Vertical Passive Abutment refer to CAT-1120. For Overdenture Abutments refer to CAT-1019 and CAT-1189 for Equator Overdenture options.
Site Preparation Sequence

Ø4.0mm Co-Axis® (IBT12d / MSc-IBT12d)

(Illustration is for 13mm implant)

Soft Bone

Medium Bone

D-3Spade Ø2.0mm Ø2.0mm Ø2.0mm

D-3Spade Ø2.0mm Ø2.0mm Ø2.0mm

Ø3.3mm Ø3.3mm Ø3.3mm

D-3S-M Ø3.3mm Ø3.3mm Ø3.3mm

D-CSS-M Ø4.0mm Ø4.0mm Ø4.0mm

D-TAP-IBT

D-Co-Axis (IBT12d / MSc-IBT12d)

D-Co-Axis (IBT12d / MSc-IBT12d)

D-Co-Axis (IBT12d / MSc-IBT12d)

D-Co-Axis (IBT12d / MSc-IBT12d)

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

Ø4.0mm

12°/24° Co-Axis®

REDUCED PLATFORM
**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>TAPERED</td>
<td>L1</td>
</tr>
<tr>
<td>IBR12d-8.5</td>
<td>MSc-IBR12d-8.5</td>
<td>8.5</td>
<td>9.3</td>
</tr>
<tr>
<td>IBR12d-10</td>
<td>MSc-IBR12d-10</td>
<td>10.0</td>
<td>10.8</td>
</tr>
<tr>
<td>IBR12d-11.5</td>
<td>MSc-IBR12d-11.5</td>
<td>11.5</td>
<td>12.3</td>
</tr>
<tr>
<td>IBR12d-13</td>
<td>MSc-IBR12d-13</td>
<td>13.0</td>
<td>13.8</td>
</tr>
<tr>
<td>IBR12d-15</td>
<td>MSc-IBR12d-15</td>
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<td>IBR12d-18</td>
<td>MSc-IBR12d-18</td>
<td>18.0</td>
<td>18.8</td>
</tr>
<tr>
<td>IBR24d-8.5</td>
<td>MSc-IBR24d-8.5</td>
<td>8.5</td>
<td>10.2</td>
</tr>
<tr>
<td>IBR24d-10</td>
<td>MSc-IBR24d-10</td>
<td>10.0</td>
<td>11.7</td>
</tr>
<tr>
<td>IBR24d-11.5</td>
<td>MSc-IBR24d-11.5</td>
<td>11.5</td>
<td>13.2</td>
</tr>
<tr>
<td>IBR24d-13</td>
<td>MSc-IBR24d-13</td>
<td>13.0</td>
<td>14.7</td>
</tr>
<tr>
<td>IBR24d-15</td>
<td>MSc-IBR24d-15</td>
<td>15.0</td>
<td>16.7</td>
</tr>
<tr>
<td>IBR24d-18</td>
<td>MSc-IBR24d-18</td>
<td>18.0</td>
<td>19.7</td>
</tr>
<tr>
<td>IBR24d-20</td>
<td></td>
<td>20.0</td>
<td>21.7</td>
</tr>
<tr>
<td>IBR24d-22</td>
<td></td>
<td>22.0</td>
<td>23.7</td>
</tr>
<tr>
<td>IBR24d-24</td>
<td></td>
<td>24.0</td>
<td>25.7</td>
</tr>
</tbody>
</table>

**Surgical Components**

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCNU2</td>
<td>TBN Ø3.6</td>
</tr>
<tr>
<td></td>
<td>WBN Ø4.5</td>
</tr>
</tbody>
</table>

**NOTE:**

- Available in MSc. Information on page 74
- Implant dimensions and information - page 72
### Direct

#### Healing Abutments
- SCNU2
- IBR12d
- IBR24d
- WBN
- CBN70
- CBN-W

#### Impression Copings
- CBNU
- TBN

#### Laboratory Analogues
- LSN12
- Ø3.25 Interface

#### Prosthetic Components
- Prosthetic Flowchart
- Prosthetic Components
- Retaining Screws

#### Retaining Screws
- DBNS12
- CER-ZR-34 / 6
- 3 Series Screws

#### Direct Abutments
- TIB-EX-34
- TIB-EX-34-C1.5
- TIB-EX-34-C3
- TIB-NX-34
- TIB-NX-34-C1.5
- TIB-NX-34-C3
- GC-EX-34
- GC-NX-34
- TCBN
- PKBN

#### Indirect

#### Compact Conical Abutments
- ABNMCZ
- ABNMC17d

#### Healing Abutments
- HMC
- CMC1
- CMC2
- LSMC1

#### Impression Copings
- SFT-MC-48
- SFT-EX-34

#### Laboratory Analogues
- 1/2/3/4/5
- OR

#### Prosthetic Components
- GMC1
- TMC1 / 5
- PKC-MC

#### Retaining Screws
- TMC5L
- PEEK

#### Indirect Abutments
- LAD
- TAD
- LAD-MC
- LAD-IBN
- TAD-IBN

### NOTE:
For Vertical Passive Abutment refer to CAT-1120. For Overdenture Abutments refer to CAT-1019 and CAT-1189 for Equator Overdenture options.
Site Preparation Sequence

Ø4.0mm Co-Axis® (IBR12d / MSc-IBR12d)

Soft Bone

Medium Bone

Dense Bone

Ø4.0mm Co-Axis® (IBR24d / MSc-IBR24d)

Soft Bone

Medium Bone

Dense Bone

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

Ø5.0mm

12° Co-Axis®
Implants are pre-mounted and available in lengths of:

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>TAPERED</th>
<th>IMPLANT LENGTHS (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAT12d-10</td>
<td>MSc-BAT12d-10</td>
<td>L1: 10.0, L2: 11.0</td>
</tr>
<tr>
<td>BAT12d-11.5</td>
<td>MSc-BAT12d-11.5</td>
<td>L1: 11.5, L2: 12.5</td>
</tr>
<tr>
<td>BAT12d-13</td>
<td>MSc-BAT12d-13</td>
<td>L1: 13.0, L2: 14.0</td>
</tr>
<tr>
<td>BAT12d-15</td>
<td>MSc-BAT12d-15</td>
<td>L1: 15.0, L2: 16.0</td>
</tr>
<tr>
<td>BAT12d-18</td>
<td>MSc-BAT12d-18</td>
<td>L1: 18.0, L2: 19.0</td>
</tr>
</tbody>
</table>

Surgical Components

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
<th>Healing Abutments (two-part)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCAU5</td>
<td>TBA (Ø5.5)</td>
<td>TV5BA (Ø5.0)</td>
</tr>
<tr>
<td></td>
<td>XBA (Ø6.5)</td>
<td>T5BA (Ø5.5)</td>
</tr>
<tr>
<td></td>
<td>WBA (Ø7.5)</td>
<td>T6BA (Ø6.5)</td>
</tr>
<tr>
<td></td>
<td>TV5BA (4/6 lengths)</td>
<td>T7BA (Ø7.5)</td>
</tr>
<tr>
<td></td>
<td>2/3/4/6/8 lengths</td>
<td>3/4/6/12 lengths</td>
</tr>
<tr>
<td></td>
<td>2/3/4/6/8 lengths</td>
<td>3/4/6/12 lengths</td>
</tr>
<tr>
<td></td>
<td>2/3/4/6 lengths</td>
<td>3/4/6/12 lengths</td>
</tr>
</tbody>
</table>

NOTE: • Available in MSc. Information on page 74  
• Implant dimensions and information - page 72
NOTE: For Overdenture Abutments refer to CAT-1019 and CAT-1189 for Equator Overdenture options.
**Prosthetic Flowchart**

#### Ø5.0 Interface

**Indirect**

- **Compact Conical Abutment**
  - Healing Caps
  - Impression Copings
  - Laboratory Analogues
  - Prosthetic Components
  - Retaining Screws

**Site Preparation Sequence**

- **Ø5.0mm Co-Axis® (BAT12d / MSc-BAT12d)**
  
  **Soft Bone**
  - D-0.9mm
  - D-1.0mm
  - D-1.2mm
  - D-1.4mm
  - D-1.6mm

  **Medium Bone**
  - D-0.9mm
  - D-1.0mm
  - D-1.2mm
  - D-1.4mm
  - D-1.6mm

  **Dense Bone**
  - D-0.9mm
  - D-1.0mm
  - D-1.2mm
  - D-1.4mm
  - D-1.6mm

**NOTE:** Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.
EXTERNAL HEX

Ø5.0mm

12°/24°/36° Co-Axis®

REDUCED PLATFORM
Implants are pre-mounted and available in lengths of:

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>TAPERED</th>
<th>IMPLANT LENGTHS (in mm)</th>
<th>ITEM CODE</th>
<th>TAPERED</th>
<th>IMPLANT LENGTHS (in mm)</th>
<th>ITEM CODE</th>
<th>TAPERED</th>
<th>IMPLANT LENGTHS (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAR12d-8.5</td>
<td>MSC-BAR12d-8.5</td>
<td>8.5  9.4</td>
<td>BAR-24d-8.5</td>
<td>MSC-BAR24d-8.5</td>
<td>8.5  10.3</td>
<td>BAR36d-8.5</td>
<td>MSC-BAR36d-8.5</td>
<td>8.5  11.3</td>
</tr>
<tr>
<td>BAR12d-10</td>
<td>MSC-BAR12d-10</td>
<td>10.0  10.9</td>
<td>BAR-24d-10</td>
<td>MSC-BAR24d-10</td>
<td>10.0  11.8</td>
<td>BAR36d-10</td>
<td>MSC-BAR36d-10</td>
<td>10.0  12.8</td>
</tr>
<tr>
<td>BAR12d-11.5</td>
<td>MSC-BAR12d-11.5</td>
<td>11.5  12.4</td>
<td>BAR-24d-11.5</td>
<td>MSC-BAR24d-11.5</td>
<td>11.5  13.3</td>
<td>BAR36d-11.5</td>
<td>MSC-BAR36d-11.5</td>
<td>11.5  14.3</td>
</tr>
<tr>
<td>BAR12d-13</td>
<td>MSC-BAR12d-13</td>
<td>13.0  13.9</td>
<td>BAR-24d-13</td>
<td>MSC-BAR24d-13</td>
<td>13.0  14.8</td>
<td>BAR36d-13</td>
<td>MSC-BAR36d-13</td>
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</tr>
<tr>
<td>BAR12d-15</td>
<td>MSC-BAR12d-15</td>
<td>15.0  15.9</td>
<td>BAR-24d-15</td>
<td>MSC-BAR24d-15</td>
<td>15.0  16.8</td>
<td>BAR36d-15</td>
<td>MSC-BAR36d-15</td>
<td>15.0  17.8</td>
</tr>
<tr>
<td>BAR12d-18</td>
<td>MSC-BAR12d-18</td>
<td>18.0  18.9</td>
<td>BAR-24d-18</td>
<td>MSC-BAR24d-18</td>
<td>18.0  19.8</td>
<td>BAR36d-18</td>
<td>MSC-BAR36d-18</td>
<td>18.0  20.8</td>
</tr>
<tr>
<td>BAR12d-20</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>MSC-BAR36d-20</td>
<td>20.0  22.8</td>
<td></td>
</tr>
<tr>
<td>BAR12d-22</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MSC-BAR36d-22</td>
<td>22.0  24.8</td>
<td></td>
</tr>
<tr>
<td>BAR12d-24</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MSC-BAR36d-24</td>
<td>24.0  26.8</td>
<td></td>
</tr>
</tbody>
</table>

Surgical Components

Cover Screw

<table>
<thead>
<tr>
<th>SCU2</th>
<th>TB</th>
<th>WB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø4.5</td>
<td>Ø5.5</td>
<td></td>
</tr>
<tr>
<td>2/3/4/5/6/8 lengths</td>
<td>2/3/4/6/8 lengths</td>
<td></td>
</tr>
</tbody>
</table>

Healing Abutments

<table>
<thead>
<tr>
<th>TV4B</th>
<th>T4B</th>
<th>T5B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø4.0</td>
<td>Ø4.5</td>
<td>Ø5.5</td>
</tr>
<tr>
<td>4/6 lengths</td>
<td>2/4/6 lengths</td>
<td>3/4/6/8 lengths</td>
</tr>
</tbody>
</table>

Healing Abutments (two-part)

NOTE: • Available in MSc. Information on page 74 • Implant dimensions and information - page 72
# Prosthetic Flowchart

## Ø4.0 Interface

### Direct

<table>
<thead>
<tr>
<th>Component Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Healing Abutments</td>
<td>SCU2, BAR12d, BAR24d, BAR36d</td>
</tr>
<tr>
<td>Impression Copings</td>
<td>TV48, CBU, CB76, CBU-W, WB, SFT-EX-40</td>
</tr>
<tr>
<td>Laboratory Analougues</td>
<td>CBV, CBU, CB76, CBU-W, WB, SFT-EX-40</td>
</tr>
<tr>
<td>Prosthetic Components</td>
<td>GC-EX-40, GC-NX-40, TCB1h/5h, TCB1h/5h, PKB2h/2nh</td>
</tr>
<tr>
<td>Retaining Screws</td>
<td>DIRECT Abutments, Gold, Titanium, PEEK</td>
</tr>
</tbody>
</table>

### Indirect

<table>
<thead>
<tr>
<th>Component Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compact Conical Abutments</td>
<td>AMCZ, AMC17-6 3, or AMC36-6</td>
</tr>
<tr>
<td>Healing Abutments</td>
<td>HMC, CMC1, CMC2, LSMC1, GMC1, TMC1 / 5, PKC-MC</td>
</tr>
<tr>
<td>Prosthetic Components</td>
<td>GMC1, TMC1 / 5, Titanium, PEEK, Titanium, PEEK</td>
</tr>
<tr>
<td>Retaining Screws</td>
<td>1 Series Screws</td>
</tr>
</tbody>
</table>

### Notes
- For Vertical Passive Abutment: refer to CAT-1120.
- For Overdenture Abutments: refer to CAT-1019 and CAT-1189 for Equator Overdenture options.
Site Preparation Sequence

Ø5.0mm Co-Axis® (BAR12d / MSc-BAR12d)  
- Soft Bone
- Medium Bone
- Dense Bone

Ø5.0mm Co-Axis® (BAR24d / MSc-BAR24d)  
- Soft Bone
- Medium Bone
- Dense Bone

Ø5.0mm Co-Axis® (BAR36d / MSc-BAR36d)  
- Soft Bone
- Medium Bone
- Dense Bone

NOTE: - Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.
- Ø5.2mm hard bone drill optional
EXTERNAL HEX

Ø6.0mm

12°/24° Co-Axis®
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>L1</td>
<td>L2</td>
<td></td>
</tr>
<tr>
<td>BBBT12d-10</td>
<td>10.0</td>
<td>11.2</td>
<td>BBBT24d-10</td>
</tr>
<tr>
<td>BBBT12d-11.5</td>
<td>11.5</td>
<td>12.7</td>
<td>BBBT24d-11.5</td>
</tr>
<tr>
<td>BBBT12d-13</td>
<td>13.0</td>
<td>14.2</td>
<td>BBBT24d-13</td>
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<tr>
<td>BBBT12d-15</td>
<td>15.0</td>
<td>16.2</td>
<td>BBBT24d-15</td>
</tr>
<tr>
<td>BBBT12d-18</td>
<td>18.0</td>
<td>19.2</td>
<td>BBBT24d-18</td>
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</tbody>
</table>

Surgical Components

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
<th>Healing Abutments (two-part)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCU6</td>
<td>TBBB</td>
<td>T6BBB</td>
</tr>
<tr>
<td></td>
<td>Ø6.5</td>
<td>Ø6.5</td>
</tr>
<tr>
<td></td>
<td>2/3/4/6 lengths</td>
<td>2/3/4/6/8 lengths</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3/4/6 lengths</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3/4/6/8 lengths</td>
</tr>
<tr>
<td></td>
<td>WBBB</td>
<td>T7BBB</td>
</tr>
<tr>
<td></td>
<td>Ø7.5</td>
<td>Ø7.5</td>
</tr>
<tr>
<td></td>
<td>2/3/4/6/8 lengths</td>
<td>3/4/6 lengths</td>
</tr>
</tbody>
</table>

NOTE: • Implant dimensions and information - page 72
Site Preparation Sequence

Ø6.0mm Co-Axis® (BBBT12d)

Soft Bone

Medium Bone

Dense Bone

(Illustrations are for 13mm implants)

Site Preparation Sequence

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

Ø6.0mm

MAX-6
**Ø6.0mm MAX Implants** (Tapered)

- **MAX-6**

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

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAX-6-</td>
<td>6 / 7 / 9 / 11</td>
</tr>
<tr>
<td>MSc-MAX-6-</td>
<td>6 / 7 / 9 / 11</td>
</tr>
</tbody>
</table>

**Surgical Components**

- **Cover Screw**: SCU2
- **Healing Abutments**
  - TB: Ø4.5
  - WB: Ø5.5
- **Healing Abutments (two-part)**
  - TV4B: Ø4.0
  - T4B: Ø4.5
  - T5B: Ø5.5
- **AHA® ABUTMENTS**
  - PK-MAX6-9

**NOTE:**
- Available in MSc. Information on page 74
- Implant dimensions and information - page 72
### Ø4.0 Interface

#### Direct Healing Abutments
- **SCU2**
  - **CBV**
  - **LS12**
  - **TSN1**

#### Direct Impression Copings
- **CBU**
  - **CB76**
  - **LS812**

#### Direct Laboratory Analogues
- **LS12**
  - **TIB-EX-40**
  - **TIB-EX-40-C3**
  - **TIB-EX-40-C1.5**

#### Direct Prosthetic Components
- **GC-EX-40**
  - **GC-NX-40**
  - **PKB2N**
  - **TIB-NX-40**
  - **CIA-EX-40**
  - **CIA-NX-40**

#### Direct Retaining Screws
- **PKC-MC**
  - **LAD-IB**
  - **SCANNABLE Abutments**

#### Indirect Compact Conical Abutments
- **AMCZ**
  - **HMC**
  - **CMC1**
  - **CMC2**
  - **LSMC1**

#### Indirect Impression Copings
- **SFT-MC-48**
  - **LAD-MC**
  - **Titanium**
  - **Digital analogue**

#### Indirect Laboratory Analogues
- **TIB-NX-40**
  - **PKB2N**
  - **TIB-NX-40-C1.5**
  - **TIB-NX-40-C3**

#### Indirect Prosthetic Components
- **PA-MC-48**
  - **PA-MC-48**
  - **GMC1**
  - **TMC1 / 5**

---

**NOTE:** For Vertical Passive Abutment refer to CAT-1120. For Overdenture Abutments refer to CAT-1019 and CAT-1189 for Equator Overdenture options.
Site Preparation Sequence

Ø6.0mm Tapered (MAX-6 / MSc-MAX-6) (Illustration is for 9mm implant)

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

Ø7.0mm

MAX-7
∅7.0mm MAX Implants (Tapered)

NOTE: • Available in MSc. Information on page 74
• Implant dimensions and information - page 72

Implants are pre-mounted and available in lengths of:

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAX-7-</td>
<td>7 / 9 / 11</td>
</tr>
<tr>
<td>MSc-MAX-7-</td>
<td>7 / 9 / 11</td>
</tr>
</tbody>
</table>

Surgical Components

Cover Screw  | Healing Abutments | Healing Abutments (two-part) | AHA® ABUTMENTS
-------------|-------------------|-----------------------------|---------------------
SCAU5        | TBA  Ø5.5          | T5BA Ø5.5                   | PK-MAX7-9
XBA Ø6.5     | WBA Ø7.5          | T6BA Ø6.5                   | PK-MAX7-11
TBA Ø5.5     | XBA Ø6.5          | T7BA Ø7.5                   | Retention Screw sold separately (3-Series)

Restore with Ø5.0mm Components

Healing Abutments (two-part)
NOTE: For Overdenture Abutments refer to CAT-1019 and CAT-1189 for Equator Overdenture options.
Indirect

<table>
<thead>
<tr>
<th>Compact Conical Abutment</th>
<th>Healing Caps</th>
<th>Impression Copings</th>
<th>Laboratory Analognes</th>
<th>Prosthetic Components</th>
<th>Retaining Screws</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABAMCZ 1/2/3/4/5</td>
<td>HMCW</td>
<td>CMCW1 (pick-up)</td>
<td>LSMCW1</td>
<td>GMCW1 Gold</td>
<td>PKC-MCW</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td>CMCW2 (transfer)</td>
<td>CMCW1 (digital analogue)</td>
<td>TMCW1 / 5 Titanium</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td>HMCW</td>
<td>SFT-MC-60 (scanning flag)</td>
<td>Titanium</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABAMC17&amp;4-3 or ABAMC306-4</td>
<td>HMC</td>
<td>CMC1 (active)</td>
<td>LSMC1</td>
<td>GMC1 Gold</td>
<td>PKC-MC</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td>CMC2 (transfer)</td>
<td>CMWC1 (digital analogue)</td>
<td>TMC1 / 5 Titanium</td>
<td>PEEK</td>
</tr>
<tr>
<td></td>
<td>HMCW</td>
<td>SFT-MC-48 (scanning flag)</td>
<td>Titanium</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td>HMCW</td>
<td>LAD-MC</td>
<td>LSMCW1</td>
<td>GMCW1 Gold</td>
<td>PKC-MCW</td>
</tr>
</tbody>
</table>

Site Preparation Sequence

Ø7.0mm Tapered (MAX-7 / MSc-MAX-7) (Illustration is for 9mm implant)

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

Ø8.0mm

MAX-8
### 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>MAX-8-</td>
<td>7 / 9 / 11</td>
<td>MSc-MAX-8-</td>
<td>7 / 9 / 11</td>
</tr>
</tbody>
</table>

### Surgical Components

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
<th>Healing Abutments (two-part)</th>
<th>AHA® ABUTMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCU6</td>
<td>TBBB</td>
<td>T6BBB</td>
<td>PK-MAX8-11</td>
</tr>
<tr>
<td></td>
<td>Ø6.5</td>
<td>Ø6.5</td>
<td>11mm</td>
</tr>
<tr>
<td></td>
<td>2/3/4/6 lengths</td>
<td>2/3/4/6/8 lengths</td>
<td>6.0mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3/4/6 lengths</td>
<td>Retention Screw sold separately (3-Series)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ø6.0</td>
</tr>
</tbody>
</table>

NOTE: • Available in MSc. Information on page 74
• Implant dimensions and information - page 72

 atlas® RESTORE with Ø6.0mm Components

Ø6.0mm MAX Implants (Tapered)
Site Preparation Sequence

Ø8.0mm Tapered (MAX-8 / MSc-MAX-8)  
(Illustration is for 9mm implant)

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

Ø9.0mm

MAX-9
Ø9.0mm MAX Implants (Tapered)

Implants are pre-mounted and available in lengths of:

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

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSc-MAX-9-</td>
<td>7 / 9 / 11</td>
</tr>
</tbody>
</table>

Surgical Components

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
<th>Healing Abutments (two-part)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC7</td>
<td>TB9MAX Ø8.0</td>
<td>TMAX9 Ø8.0</td>
</tr>
<tr>
<td></td>
<td>4 / 5.5 / 7 lengths</td>
<td>4 / 5.5 / 7 lengths</td>
</tr>
</tbody>
</table>

NOTE: • Available in MSc. Information on page 74
• Implant dimensions and information - page 72

⚠️ Restore with Ø7.0mm Components
**Prosthetic Flowchart**

### Direct

#### Healing Abutments
- SC7
- MAX-9

#### Impression Copings
- D-3Spade
- Ø7.0 Interface
- Prosthetic Flowchart

#### Laboratory Analogues
- GC-EX-70
- GC-NX-70
- LMAX9
- GC-EX-70 (engaging)
- GC-NX-70 (non-engaging)
- DIRECT Abutments
- Titanium

#### CERAMIC Abutments
- CER-ZR-79
- PROSING Abutments

#### Prosthetic Components
- PKMAX9-2NH (non-engaging)
- TCMAX9-1H (non-engaging)
- PKMAX9-2H (non-engaging)
- TCMAX9-1h (non-engaging)

#### Retaining Screws
- 3 Series Screws
- 2 Series Screws

---

### Site Preparation Sequence

#### Ø9.0mm Tapered (MAX-9)

(Illustration is for 9mm implant)

**NOTE:** Site preparation sequence recommended by Southern Implants does not replace the judgement and experience of the surgeon.
**I-HEX-EG** For surgical placement of External Hex Implants

**Pilot Drills**
- D-3Spade-1.8M
- D-RB-M5
- D-12T-M15
- D-16-T

**Ø2.0mm Twist Drills**
- D-20T-M10
- D-20T-M15
- D-20T-M20
- D-20T-M24

**Dedicated Twist Drills**
- Ø2.9mm
  - D-29T-M15
  - D-29T-M20
- Ø3.0mm
  - D-30T-M10
  - D-30T-M15
  - D-30T-M20
- Ø3.3mm
  - D-33T-M10
  - D-33T-M15
  - D-33T-M20
- Ø3.5mm
  - D-35T-M15
  - D-40T-M10
  - D-40T-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
- Ø4.9mm
  - D-49T-M10
  - D-49T-M15
- Ø5.0mm
  - D-50T-M10
  - D-50T-M15
- Ø5.3mm
  - D-53T-M10
  - D-53T-M15
- Ø5.6mm
  - D-56T-M10
  - D-56T-M15

**Counter Bore**
- D-CB

**Counter Sink**
- D-CSS-M (Ø4mm)
- D-CSS-S (Ø5mm)

**Dedicated Tapered Drills**
- Ø3.0
  - D-30TP-8.5
  - D-30TP-10
  - D-30TP-11.5
  - D-30TP-13
  - D-30TP-15
- Ø3.3
  - D-33TP-8.5
  - D-33TP-10
  - D-33TP-11.5
  - D-33TP-13
  - D-33TP-15
  - D-33TP-18
  - D-33TP-20
  - D-33TP-22
  - D-33TP-24
- 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
- Ø6.0
  - D-60TP-6
  - D-60TP-8.5
  - D-60TP-10
  - D-60TP-11.5
  - D-60TP-13
  - D-60TP-15
  - D-60TP-18

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

**Hex Drivers**
- (1.22mm)
- UNIVERSAL 1.22/1.27
- I-HD-S/ML Handheld
- I-HD-22S/ML Handpiece Insert
- I-WI-22S/ML Wrench Insert
- I-HD-22U-S/ML Handpiece Insert
- I-WI-22U-S/ML Wrench Insert

**Cover Screw Drivers**
- (0.9mm Hex)
- I-CS-HD / L Handheld
- I-HHD-09 Handpiece Insert
- I-WI-09 Wrench Insert

**Insertion Tools**
- I-CON-X
- I-CON-XS
- I-CONU-X
- I-CONU-XS
- Handpiece Insert

**Final Tapered Angled Direction Indicators**
(Optional)
- Ø4.0
  - I-DI12D-4T-10
  - I-DI12D-4T-13
  - I-DI12D-4T-15
- Ø5.0
  - I-DI12D-5T-10
  - I-DI12D-5T-13
  - I-DI12D-5T-15
- Ø6.0
  - I-DI12D-6T-10
  - I-DI12D-6T-13
  - I-DI12D-6T-15

* **M10 / M13 / M15 / M20** indicates the length to the last laser mark on the drill bit.
Wrench Converters
I-WI-CST
For Handpiece inserts (Latch-type) featuring the W&H hex.

I-WI-SL
For Handpiece inserts (Latch-type) without the W&H hex.

I-WI-SS
For SQUARE connection of fixture mounts and instruments

I-WI-SH
For Hex connection of fixture mounts

Drill Extensions
I-DE-O
(Featuring W&H)
I-DE-K
(Universal)

Bone Mills
(Optional)
I-BPM-40
I-BNM-45
I-BNM-55
I-BPM-55
I-BM-57
I-BM-57
I-BAM-62
I-BAM-77
I-BBBM-77

Direction Indicators
I-DI
Ø2.8mm
I-DL
Ø5.0mm

I-DI-12d
Ω2.0mm
I-DI-24d
I-DI-36d
I-DIN-36d

I-DI-12d
Ω2.0mm
I-DI-24d
I-DI-36d

I-DIN-12d
Ω2.0mm
I-DIN-24d
I-DIN-36d

I-DIN-12d
Ω1.0mm

Bone Mills
I-BPM-40
I-BNM-45
I-BNM-55
I-BPM-55
I-BM-57
I-BM-57
I-BAM-62
I-BAM-77
I-BBBM-77

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 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.
For surgical placement of MAX Implants

**INSTRUMENT TRAY**

**Pilot Drills**
- D-SSpade-1.8M
- D-RB-M5
- D-12T-M15

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

**Ø3.3**
- D-33TP-8.5
- D-33TP-10
- D-33TP-11.5

**Ø4.0**
- D-40TP-8
- D-40TP-8.5
- D-40TP-10
- D-40TP-11.5

**Ø5.0**
- D-50TP-8
- D-50TP-8.5
- D-50TP-10
- D-50TP-11.5

**Ø6.0**
- D-60TP-6
- D-60TP-8.5
- D-60TP-10
- D-60TP-11.5

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

**MAX Drills**
- Ø6.0
  - D-MAX6-6
  - D-MAX6-7
  - D-MAX6-8
  - D-MAX6-9
  - D-MAX6-11 (optional)
- 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

Note: Longer shaft length available for Ø7mm, Ø8mm and Ø9mm drills

**Dedicated Max Taps**
- Ø6.0
  - D-TAP-MAX6-6
  - D-TAP-MAX6-7
  - D-TAP-MAX6-9
  - D-TAP-MAX6-11 (optional)
- 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

**Dedicated Tapered Drills**
- Ø3.3
  - D-33TP-8.5
  - D-33TP-10
  - D-33TP-11.5
- Ø4.0
  - D-40TP-8
  - D-40TP-8.5
  - D-40TP-10
  - D-40TP-11.5
- Ø5.0
  - D-50TP-8
  - D-50TP-8.5
  - D-50TP-10
  - D-50TP-11.5

**Max Profile Gauges**
- Ø7.0
  - MAX-7-PG-7
  - MAX-7-PG-9
  - MAX-7-PG-11
- Ø8.0
  - MAX-8-PG-7
  - MAX-8-PG-9
  - MAX-8-PG-11
- Ø9.0
  - MAX-9-PG-7
  - MAX-9-PG-9
  - MAX-9-PG-11

**Drill / Implant length measure**

**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 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.
- 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.
# Torque Table for Southern Screws

## 2 Series Screws (M2)

<table>
<thead>
<tr>
<th>screw</th>
<th>QUAD</th>
<th>SLOTTED</th>
<th>UNIGRIP</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSHZ2</td>
<td>GSSZ2</td>
<td>BSS2*</td>
<td>TSUZ2</td>
</tr>
<tr>
<td>BSHZ2</td>
<td>TSSZ2</td>
<td></td>
<td>GSUZ2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>32-40Ncm</th>
<th>Head Diameter: 2.70mm</th>
</tr>
</thead>
</table>

*Due to design revisions and changes, screw tips may be flat or rounded.*

## 3 Series Screws (M2)

<table>
<thead>
<tr>
<th>screw</th>
<th>QUAD</th>
<th>SLOTTED</th>
<th>UNIGRIP</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSHZ3</td>
<td>GSSZ3</td>
<td>BSS3*</td>
<td>TSUZ3</td>
</tr>
<tr>
<td>BSHZ3</td>
<td>TSSZ3</td>
<td></td>
<td>GSUZ3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>32-40Ncm</th>
<th>Head Diameter: 2.40mm</th>
</tr>
</thead>
</table>

*Due to design revisions and changes, screw tips may be flat or rounded.*

## Piccolo (M1.6)

<table>
<thead>
<tr>
<th>screw</th>
<th>1.22 Hex</th>
</tr>
</thead>
<tbody>
<tr>
<td>TS-P-16</td>
<td>BSH1*</td>
</tr>
</tbody>
</table>

| Dimensions | 25-32Ncm | Head Diameter: 2.15mm |

*Note: Screw TORQUE with PEEK Prosthetics: 15Ncm

## Digital Laboratory Analogue Screw

<table>
<thead>
<tr>
<th>Screw</th>
<th>1.22 Hex</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAD-S</td>
<td></td>
</tr>
</tbody>
</table>

| Dimensions | Finger tighten | Head Diameter: 2.40mm |

*NOTE: Screw supplied with all Digital Analogues*

## 1 Series Screws (M1.4)

<table>
<thead>
<tr>
<th>screw</th>
<th>1.22 Hex</th>
<th>Slotted</th>
<th>Unigrip</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSH1</td>
<td>GSS1</td>
<td>TSU1</td>
<td>GSU1</td>
</tr>
<tr>
<td>GSH1</td>
<td>BSS1*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BSH1*</td>
<td>TSS1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Dimensions | 10-15Ncm | Head Diameter: 2.25mm |

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

## 9 Series, Angled Compact Conical Abutment Screws (M2)

<table>
<thead>
<tr>
<th>screw</th>
<th>1.22 Hex</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSUZ9</td>
<td>GSUZ9</td>
</tr>
</tbody>
</table>

| Dimensions | 20Ncm | Head Diameter: 2.50mm |

*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.
- Refer to CAT-1003 for longer screw options.
- (Blackened and for laboratory use only)

## Screw Head Connections

- **Hex**
- **Slotted**
- **Unigrip**
- **Quad**
## IMPLANT DIMENSIONS AND INFORMATION

### IMPLANT LENGTHS

<table>
<thead>
<tr>
<th>IMPLANT Diameters</th>
<th>Implant Lengths</th>
<th>Internal Platform Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø3.0mm</td>
<td>4.3</td>
<td>4.3</td>
</tr>
<tr>
<td>Ø3.175mm</td>
<td>4.3</td>
<td>4.3</td>
</tr>
<tr>
<td>Ø3.25mm</td>
<td>4.3</td>
<td>4.3</td>
</tr>
<tr>
<td>Ø3.75mm</td>
<td>4.3</td>
<td>4.3</td>
</tr>
<tr>
<td>Ø4.0mm</td>
<td>4.3</td>
<td>4.3</td>
</tr>
<tr>
<td>Ø5.0mm</td>
<td>4.3</td>
<td>4.3</td>
</tr>
</tbody>
</table>

### PLATFORM WIDTH

<table>
<thead>
<tr>
<th>IMPLANT Diameters</th>
<th>Platform Widths</th>
<th>Height of Hex Pitch</th>
<th>Height of Hex Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø3.0mm</td>
<td>2.15</td>
<td>0.7</td>
<td>1.0</td>
</tr>
<tr>
<td>Ø3.175mm</td>
<td>2.15</td>
<td>0.7</td>
<td>1.0</td>
</tr>
<tr>
<td>Ø3.25mm</td>
<td>2.54</td>
<td>0.7</td>
<td>1.0</td>
</tr>
<tr>
<td>Ø3.75mm</td>
<td>2.54</td>
<td>0.7</td>
<td>1.0</td>
</tr>
<tr>
<td>Ø4.0mm</td>
<td>2.54</td>
<td>0.7</td>
<td>1.0</td>
</tr>
<tr>
<td>Ø5.0mm</td>
<td>2.54</td>
<td>0.7</td>
<td>1.0</td>
</tr>
</tbody>
</table>

### Cylindrical Diameter of Tapered Drive (T)

<table>
<thead>
<tr>
<th>IMPLANT Diameters</th>
<th>Cylindrical Diameter</th>
<th>Apex Diameter</th>
<th>Apex Height</th>
<th>Apex Pitch</th>
<th>Collar Height</th>
<th>Thread Pitch</th>
<th>Major Diameter</th>
<th>Major Height</th>
<th>Platform Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø3.0mm</td>
<td>3.0</td>
<td>0.6</td>
<td>0.6</td>
<td>0.6</td>
<td>0.6</td>
<td>0.6</td>
<td>3.0</td>
<td>0.6</td>
<td>3.0</td>
</tr>
<tr>
<td>Ø3.175mm</td>
<td>3.0</td>
<td>0.6</td>
<td>0.6</td>
<td>0.6</td>
<td>0.6</td>
<td>0.6</td>
<td>3.0</td>
<td>0.6</td>
<td>3.0</td>
</tr>
<tr>
<td>Ø3.25mm</td>
<td>3.0</td>
<td>0.6</td>
<td>0.6</td>
<td>0.6</td>
<td>0.6</td>
<td>0.6</td>
<td>3.0</td>
<td>0.6</td>
<td>3.0</td>
</tr>
<tr>
<td>Ø3.75mm</td>
<td>3.0</td>
<td>0.6</td>
<td>0.6</td>
<td>0.6</td>
<td>0.6</td>
<td>0.6</td>
<td>3.0</td>
<td>0.6</td>
<td>3.0</td>
</tr>
<tr>
<td>Ø4.0mm</td>
<td>3.0</td>
<td>0.6</td>
<td>0.6</td>
<td>0.6</td>
<td>0.6</td>
<td>0.6</td>
<td>3.0</td>
<td>0.6</td>
<td>3.0</td>
</tr>
<tr>
<td>Ø5.0mm</td>
<td>3.0</td>
<td>0.6</td>
<td>0.6</td>
<td>0.6</td>
<td>0.6</td>
<td>0.6</td>
<td>3.0</td>
<td>0.6</td>
<td>3.0</td>
</tr>
</tbody>
</table>

### INTERNAL DRIVE (T)

<table>
<thead>
<tr>
<th>IMPLANT Diameters</th>
<th>Internal Drive (T)</th>
<th>Internal Drive (T)</th>
<th>Internal Drive (T)</th>
<th>Internal Drive (T)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø3.0mm</td>
<td>4.3</td>
<td>4.3</td>
<td>4.3</td>
<td>4.3</td>
</tr>
<tr>
<td>Ø3.175mm</td>
<td>4.3</td>
<td>4.3</td>
<td>4.3</td>
<td>4.3</td>
</tr>
<tr>
<td>Ø3.25mm</td>
<td>4.3</td>
<td>4.3</td>
<td>4.3</td>
<td>4.3</td>
</tr>
<tr>
<td>Ø3.75mm</td>
<td>4.3</td>
<td>4.3</td>
<td>4.3</td>
<td>4.3</td>
</tr>
<tr>
<td>Ø4.0mm</td>
<td>4.3</td>
<td>4.3</td>
<td>4.3</td>
<td>4.3</td>
</tr>
<tr>
<td>Ø5.0mm</td>
<td>4.3</td>
<td>4.3</td>
<td>4.3</td>
<td>4.3</td>
</tr>
</tbody>
</table>
Not all products are cleared for sale in all countries.
**MSc IMPLANTS**

**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)

**DRILL INFORMATION**

**Twist drill markings**

![Twist drill markings diagram]

**Final tapered drill position for Co-Axis® implants**

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.

**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.

**INSTRUMENTATION**

**Fixture mounts per prosthetic interface:**

<table>
<thead>
<tr>
<th>Ø3.0mm</th>
<th>Ø3.25mm</th>
<th>Ø4.0mm</th>
<th>Ø5.0mm</th>
<th>Ø6.0mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP MSc-IP</td>
<td>IBN IBNT</td>
<td>IBT IET</td>
<td>IBS IBPS</td>
<td>BA BAT</td>
</tr>
<tr>
<td>IBNT12D MSc-IBNT12D</td>
<td>IBR12D MSc-IBR12D</td>
<td>IBT12D MSc-IBT12D</td>
<td>BAR12D MSc-BAR12D</td>
<td>BABT12D MSc-BABT12D</td>
</tr>
</tbody>
</table>

**Placement Tool**

- I-CON-X/S
- I-CONU-X/S
- I-WI-CST
- I-WI-SH

**Converters**

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

**Drivers**

- Hex Driver 0.9 Hex
- Hex Driver 1.22 Hex
- 1.22 Universal Hex Driver

**NOTE:**
- Refer to CAT-1155 for more information on wrench insert converters.
- Most instruments available in various lengths.

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**[Image of technical diagrams and text on implants and instruments]**
EXPLANATION OF SYMBOLS

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 coding
   - 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. Prescription device
   - CAUTION: FEDERAL LAW RESTRICTS THE DEVICE TO SALE BY OR ON THE ORDER OF A LICENCED HEALTH CARE PROVIDER.

Platform Interface

- Ø3.0
- Ø3.25
- Ø4.0
- Ø5.0
- Ø6.0

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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