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° and 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.
EXTERNAL HEX
Ø3.0 mm
PICCOLO
Implants are premounted and available in lengths of:

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP-</td>
<td>8.5 / 10 / 11.5 / 13 / 15</td>
</tr>
<tr>
<td>MSC-IP-</td>
<td>8.5 / 10 / 11.5 / 13 / 15</td>
</tr>
</tbody>
</table>

NOTE: Implant dimensions and information - page 72.

Surgical Components

**Cover Screw**

SCP-Z

**Healing Abutments**

TPN: Ø3.0

TPW: Ø4.0

3/4/6 lengths
NOTE: For vertical passive abutment refer to CAT-1120. Refer to CAT-1189 for Equator overdenture options.
Site Preparation Sequence

Ø3.0 mm Piccolo Tapered (IP / MSC-IP)  
(Illustration is for 13 mm 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.
EXTERNAL HEX

Ø3.25 mm
** Ø3.25 mm Implants (Parallel Walled and Tapered) **

WARNING: Restore with Ø3.25 mm prosthetics

Implants are premounted 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>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>
</tr>
<tr>
<td>MSC-IBNT-</td>
<td>8.5 / 10 / 11.5 / 13 / 15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOTE: for the internal drive implant range refer to CAT-1139.

**Surgical Components**

**Cover Screw**

- SCNU2

**Healing Abutments**

- TBN Ø3.6
- WBN Ø4.5

2/3/4/6/8 lengths
**DIREKT**

<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>CBNU Pick-up</td>
<td>CBN70 Transfer</td>
<td>GTN12</td>
<td>Gold</td>
<td>Titanium</td>
</tr>
<tr>
<td>WBN Pick-up</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TBN</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**INDIREKT**

**Compact Conical Abutments**

<table>
<thead>
<tr>
<th>ABNMC2</th>
<th>CMC1 (transfer)</th>
<th>CMC2 (transfer)</th>
<th>GMC1</th>
<th>TMC1 / 5</th>
<th>PKC-MC</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 / 2 / 3 / 4 / 5 / 55</td>
<td></td>
<td></td>
<td>Gold</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABNMC2.3</td>
<td>SFT-EX-34</td>
<td>TIB-EX-34-C3</td>
<td>TIB-NX-34-C3-C1.5</td>
<td>CER-ZR-34-4 / 6</td>
<td></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

Ø3.25 mm Parallel Walled (IBN)

**Soft Bone**
- Ø2.0 mm
- Ø2.5 mm

**Medium Bone**
- Ø2.0 mm
- Ø2.0 mm

**Dense Bone**
- Ø2.9 mm
- Ø2.9 mm

Ø3.25 mm Tapered (IBNT / MSC-IBNT)

**Soft Bone**
- Ø2.0 mm
- Ø2.0 mm

**Medium Bone**
- Ø2.0 mm
- Ø2.0 mm

**Dense Bone**
- Ø3.0 mm
- Ø3.3 mm

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

Ø3.75 mm / Ø4.0 mm
**Ø3.75 mm and Ø4.0 mm Implants** (Parallel Walled and Tapered)

*NOTE: Implant dimensions and information - page 72.*

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (mm)</th>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBS</td>
<td>7 / 8.5 / 10 / 11.5 / 13 / 15 / 18 / 20</td>
<td>MSC-IBS</td>
<td>7 / 8.5 / 10 / 11.5 / 13 / 15</td>
</tr>
<tr>
<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>
</tr>
<tr>
<td>IBPS-</td>
<td>8.5 / 10 / 11.5 / 13 / 15</td>
<td>IET</td>
<td>4</td>
</tr>
</tbody>
</table>

*NOTE: for the internal drive implant range refer to CAT-1139.*

**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</td>
<td>4/6</td>
</tr>
<tr>
<td></td>
<td>lengths</td>
<td>lengths</td>
</tr>
<tr>
<td></td>
<td>WB</td>
<td>T4B</td>
</tr>
<tr>
<td></td>
<td>Ø5.5</td>
<td>Ø4.5</td>
</tr>
<tr>
<td></td>
<td>2/3/4/6/8</td>
<td>3/4/6/8</td>
</tr>
<tr>
<td></td>
<td>lengths</td>
<td>lengths</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T5B</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ø5.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3/4/6/8</td>
</tr>
<tr>
<td></td>
<td></td>
<td>lengths</td>
</tr>
</tbody>
</table>

*Restore with Ø4.0 mm prosthetics*
### Prosthetic Flowchart

#### Direct

**Healing Abutments**
- TV48
- TB
- WB

**Impression Copings**
- CBV (pickup)
- CBU (pickup)
- CBU-W (pickup)
- CB70 (transfer)
- CB75 (transfer)

**Laboratory Analogues**
- LS12
- SFTEX-40 (scanning flag)
- LAD-IB

**Prosthetic Components**
- GC-EX-40 (engaging)
- GC-NX-40 (non-engaging)
- TCB1NH/5NH (non-engaging)
- TCB1H/5H (not engaging)
- TIB-EX-40-C1.5 (engaging)
- TIB-EX-40-C3 (engaging)
- TIB-NX-40-C1.5 (non-engaging)
- TIB-NX-40-C3 (non-engaging)
- CIA-EX-40 (engaging)
- CIA-NX-40 (non-engaging)
- PKB2H (engaging)
- PKB2NH (non-engaging)

**Retaining Screws**
- DB
- DBS12
- DBS24

### INDIRECT

**Compact Conical Abutments**
- AMC1 (digital analogue)
- AMC17D-3 or AMC30D-4 (digital analogue)
- AMC2 (digital analogue)

**Impression Copings**
- CMC1 (transfer)
- CMC2 (transfer)
- CMC-ZG-2 (transfer)

**Laboratory Analogues**
- LSMC1
- SFTMC-48 (scanning flag)
- LAD-IB (digital analogue)

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

**Retaining Screws**
- 1 Series Screws

**Screw torque:**
- 1 Series Screws: 10 - 15 Ncm
- 2 Series Screws: 32 - 40 Ncm
- 3 Series Screws: 32 - 40 Ncm

### 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

Ø3.75 mm Parallel Walled (IBS / MSC-IBS)  
(Illustrations are for 13 mm implants)

**Soft Bone**

<table>
<thead>
<tr>
<th>Ø4.0 mm Tapered (IBT / IBPS / MSC-IBT)</th>
</tr>
</thead>
</table>

**Medium Bone**

<table>
<thead>
<tr>
<th>Ø4.0 mm Tapered (IET4)</th>
</tr>
</thead>
</table>

**Dense Bone**

<table>
<thead>
<tr>
<th>Ø4.0 mm Tapered (IET4)</th>
</tr>
</thead>
</table>

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

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

(Where **xx** is implant length)

**Implants are premounted 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>BA</td>
<td>6 / 7 / 8.5 / 10 / 11.5 / 13 / 15 / 18</td>
<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>
</tr>
</tbody>
</table>

**NOTE:** For the internal drive implant range refer to CAT-1139.

---

**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>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>2/3/4/6/8 lengths</td>
<td>3/4/6/12 lengths</td>
</tr>
<tr>
<td></td>
<td>4/6 lengths</td>
<td>3/4/6/12 lengths</td>
</tr>
<tr>
<td></td>
<td>3/4/6/12 lengths</td>
<td>3/4/6/12 lengths</td>
</tr>
</tbody>
</table>

**NOTE:** Implant dimensions and information - page 72.

Restore with Ø5.0 mm prosthetics.
**Prosthetic Flowchart**

### Ø5.0 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>TVSBA (tissue part)</td>
<td>CBAV (pick-up)</td>
<td>GC-EX-50 (engaging)</td>
<td>TCBA1H/SH (non-engaging)</td>
<td>DIRECT Screws</td>
</tr>
</tbody>
</table>
| TBA (connect part) | CBAU (pick-up) | GC-NX-50 (non-engaging) | TCBA1NH/5NH (non-engaging) | *
| XBA (connect part) | CBAU-M (2/3.5/5) | DBA1H/5H (engaging) | PKBA2H (non-engaging) | 3 Series Screws |
| WBA (connect part) | CBAU-W (pick-up) | DBA1NH/5NH (non-engaging) | PKBA2NH (non-engaging) | TORQUE: 32 - 40 Ncm |
| SFTEX-50 (scanning flag) | LSA12 | CER-ZIR-56/57/58/59 | *Screw torque: 20 Ncm |
| LAD-BA (digital analogue) | DBA | CER-ZRI-56/57/58/59 | |
| TIB-EX-50 | TIB-EX-50-C1.5 | SBA-16 | SBA-17-TT |
| TIB-EX-50-C3 | TIB-NX-50-C1.5 | (non-engaging) | (non-engaging) |
| TIB-NX-50-C3 | TIB-NX-50 | SBA-16 | |
| TIB-NX-50 | TIB-NX-50-C1.5 | SBA-17-TT | |

#### PASSIVE Abutments

- TIB abutments available in 3 cuff height variants: 0.6 mm, 1.5 mm and 3 mm

#### SCANNABLE Abutments

- Titanium

#### CERAMIC Abutments

- Gold
- Titanium
- PEEK

#### Titanium Abutments

- TBA1H/5H
- TBA1NH/5NH
- PKBA2H
- PKBA2NH

#### Ceramic Abutments

- GC-EX-50
- GC-NX-50
- TIB-EX-50
- TIB-NX-50
- CIA-EX-50
- CIA-NX-50

### Healing Abutments

- TVSBA (tissue part)
- TBA (connect part)
- XBA (connect part)
- WBA (connect part)

### Impression Copings

- CBAV (pick-up)
- CBAU (pick-up)
- CBAU-M (2/3.5/5)
- CBAU-W (pick-up)

### Laboratory Analogues

- LSA12
- DBA1H/5H
- DBA1NH/5NH
- CER-ZIR-56/57/58/59

### Prosthetic Components

- GC-EX-50 (engaging)
- GC-NX-50 (non-engaging)
- TIB-EX-50 (engaging)
- TIB-NX-50 (non-engaging)
- CIA-EX-50 (engaging)
- CIA-NX-50 (non-engaging)

### Retaining Screws

- DIRECT Screws
- 3 Series Screws
- 2 Series Screws

---

**NOTE:** for Overdenture abutments refer to CAT-1019 and CAT-1189 for Equator overdenture options.
### Prosthetic Flowchart

#### Ø5.0 Interface

<table>
<thead>
<tr>
<th>Compact Conical Abutment</th>
<th>Healing Caps</th>
<th>Impression Copings</th>
<th>Laboratory Analogues</th>
<th>Prosthetic Components</th>
<th>Retaining Screws</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABAMCZ</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABAMC17D-3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABAMC30D-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Screw torque:**
- 1 Series Screws
  - Torque: 10 - 15 Ncm
Site Preparation Sequence

Ø5.0 mm Parallel Walled (BA) (Illustrations are for 13 mm implants)

Soft Bone

Medium Bone

Dense Bone

Ø5.0 mm Tapered (BAT / MSC-BAT)

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

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

Implants are premounted and available in lengths of:

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

**NOTE:** Implant dimensions and information - page 72.

**NOTE:** for the internal drive implant range refer to CAT-1139.

**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>TB6BBB Ø6.5</td>
<td>TB6BBB Ø6.5</td>
</tr>
<tr>
<td></td>
<td>WBB6BB Ø7.5</td>
<td>T7BB6BB Ø7.5</td>
</tr>
<tr>
<td></td>
<td>2/3/4/6 lengths</td>
<td>3/4/6 lengths</td>
</tr>
<tr>
<td></td>
<td>2/3/4/6/8 lengths</td>
<td>3/4/6 lengths</td>
</tr>
</tbody>
</table>

Restore with **Ø6.0 mm prosthetics**
# Prosthetic Flowchart

## Ø6.0 mm Interface

### DIRECT

#### Healing Abutments

- TBBB (one-part)
- WBBB (one-part)

#### Impression Copings

- CBBBU (pick-up)
- CBBBU-W (pick-up)

#### Laboratory Analogues

- LBBS12

#### Prosthetic Components

- GC-EX-60 (engaging)
- GC-NX-60 (non-engaging)
- CIA-EX-60 (engaging)
- CIA-NX-60 (non-engaging)
- TIB-EX-60 (engaging)
- TIB-EX-60-C1.5 (engaging)
- TIB-EX-60-C3 (engaging)
- TIB-NX-60 (non-engaging)
- TIB-NX-60-C1.5 (non-engaging)
- TIB-NX-60-C3 (non-engaging)
- PKBB16 (engaging)
- PKBB16-TT (non-engaging)

#### Retaining Screws

- 3 Series Screws
  - TORQUE: 32 - 40 Ncm

### INDIRECT

#### Compact Conical Abutments

- ABBBMCZ
  - 1/2/3
- OR
  - ABBBMC176-3
  - or ABBBMC306-4

#### Impression Copings

- HMCW
  - 4/6
- OR
  - HMCTW9
  - 4/6

#### Laboratory Analogues

- SFT-MC-60 (pick-up)
- LAD-MCW (digital analogue)

#### Prosthetic Components

- GMCW1 (engaging)
- TMCW1 / 5 (engaging)
- PA-MC-60 (passive abutment)

#### Retaining Screws

- 1 Series Screws
  - TORQUE: 10 - 15 Ncm
Site Preparation Sequence

Ø6.0 mm Tapered (BBBT)

(Illustrations are for 13 mm implants)

**Soft Bone**

- Ø2.0 mm
- Ø3.0 mm
- Ø4.0 mm
- Ø6.0 mm

**Medium Bone**

- Ø2.0 mm
- Ø3.0 mm
- Ø4.0 mm
- Ø6.0 mm

**Dense Bone**

- Ø2.0 mm
- Ø3.0 mm
- Ø4.0 mm
- Ø6.0 mm

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

Ø3.25 mm

12° Co-Axis®
**Ø3.25 mm 12° Co-Axis® Implants (Tapered)**

**Implants are premounted and available in lengths of:**

NOTE: Implant dimensions and information - page 72.

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAPERED</td>
<td>TAPERED</td>
</tr>
<tr>
<td>IBNT12D-8.5</td>
<td>MSC-IBNT12D-8.5</td>
</tr>
<tr>
<td>IBNT12D-10</td>
<td>MSC-IBNT12D-10</td>
</tr>
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<td>IBNT12D-11.5</td>
<td>MSC-IBNT12D-11.5</td>
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<td>IBNT12D-13</td>
<td>MSC-IBNT12D-13</td>
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<td>IBNT12D-15</td>
<td>MSC-IBNT12D-15</td>
</tr>
<tr>
<td>IBNT12D-18</td>
<td>MSC-IBNT12D-18</td>
</tr>
</tbody>
</table>

**Surgical Components**

**Cover Screw**

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

**Healing Abutments**

2/3/4/6/8 lengths
**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

Ø3.25 mm Co-Axis® (IBNT12D / MSC-IBNT12D)

(illustration is for 13 mm implant)

**Soft Bone**

- Ø2.0 mm
- Ø3.0 mm

**Medium Bone**

- Ø2.0 mm
- Ø3.0 mm

**Dense Bone**

- Ø2.0 mm
- Ø3.0 mm
- Ø3.3 mm

- Ø2.0 mm
- Ø3.0 mm
- Ø3.3 mm
- D-3Spade-1.8M

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

Ø4.0 mm

12° Co-Axis®
**Implants are premounted and 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>IBT-12D-8.5</td>
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<tr>
<td>IBT-12D-10</td>
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</tr>
<tr>
<td>IBT-12D-11.5</td>
<td>11.5</td>
</tr>
<tr>
<td>IBT-12D-13</td>
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<tr>
<td>IBT-12D-15</td>
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</tr>
<tr>
<td>IBT-12D-18</td>
<td>18.0</td>
</tr>
</tbody>
</table>

NOTE: Implant dimensions and information - page 72.

**Surgical Components**

**Cover Screw**

| SCU2 |
|      |

**Healing Abutments**

| TB  | WB  |
|     |     |
| Ø4.5 | Ø5.5 |

| TV4B | T4B  | T5B  |
|      |      |      |
| Ø4.0 | Ø4.5 | Ø5.5 |

|---------------------|------------------|-------------|----------------|----------------|
### 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>CBV (pickup)</td>
<td>CB70 (transfer)</td>
<td>L512</td>
<td>GC-EX-40 (engaging)</td>
<td>DB512</td>
</tr>
<tr>
<td>TB (transfer)</td>
<td>CBU (pickup)</td>
<td>Gold</td>
<td>TCB1H/5H (non-engaging)</td>
<td>TIB-EX-40</td>
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<tr>
<td>WB (transfer)</td>
<td>CB75 (transfer)</td>
<td>DB512</td>
<td>TCB1NH/5NH (non-engaging)</td>
<td>TIB-EX-40-C3</td>
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<tr>
<td></td>
<td>S9EX-40 (scanning flag)</td>
<td>Titanium</td>
<td>PKB2H (non-engaging)</td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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### INDIRECT

**Compact Conical Abutments**

- **AMC2**
  - 1/2/3/4/5
- **OR**
  - AMC170-3 or AMC350-4

**CMC1** (pickup)

<table>
<thead>
<tr>
<th>CMC1 (pickup)</th>
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<tbody>
<tr>
<td>HMC 4/8</td>
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<tr>
<td>OR</td>
</tr>
<tr>
<td>HMCCT7 4/8</td>
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**CMC2** (transfer)

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<tbody>
<tr>
<td>CMC-ZG-2 4/8</td>
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**LSMC1**

<table>
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<tbody>
<tr>
<td>GMC1</td>
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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Gold</td>
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</table>

<table>
<thead>
<tr>
<th>TMC1 / 5</th>
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<tbody>
<tr>
<td>TMC1L (long version)</td>
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<table>
<thead>
<tr>
<th>PKC-MC</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEEK *</td>
</tr>
<tr>
<td>Screw torque: 10 - 15 Ncm</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>PA-MC-48</th>
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<tbody>
<tr>
<td>Titanium</td>
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</table>

**SFTMC-48** (scanning flag)

<table>
<thead>
<tr>
<th>SFTMC-48</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium</td>
</tr>
</tbody>
</table>

**LAD-MC**

<table>
<thead>
<tr>
<th>LAD-MC</th>
</tr>
</thead>
<tbody>
<tr>
<td>(digital analogues)</td>
</tr>
</tbody>
</table>

### Healing Abutments

- **CBV** (pickup)
- **CBU** (pickup)
- **CB70** (transfer)
- **CB75** (transfer)
- **SFTEX-40** (scanning flag)

### Impression Copings

- **TB** (transfer)
- **WB** (transfer)
- **LAD-IB** (digital analogues)

### Laboratory Analogues

- **L512**
- **DB**
- **DBS12**
- **DBS24**

### Prosthetic Components

- **GC-EX-40** (engaging)
- **GC-NX-40** (non-engaging)
- **TCB1H/5H** (non-engaging)
- **TCB1NH/5NH** (non-engaging)
- **PKB2H** (non-engaging)
- **CIA-EX-40** (engaging)
- **CIA-NX-40** (non-engaging)
- **TIB-EX-40** (engaging)
- **TIB-EX-40-C1.5**
- **TIB-EX-40-C3**
- **TIB-NX-40** (non-engaging)
- **TIB-NX-40-C1.5**
- **TIB-NX-40-C3**

### Retaining Screws

- **CB70** (transfer)
- **CBU-W** (pickup)
- **CBU** (pickup)
- **CIA-EX-40** (engaging)
- **CIA-NX-40** (non-engaging)
- **TIB-EX-40** (engaging)
- **TIB-EX-40-C1.5**
- **TIB-EX-40-C3**
- **TIB-NX-40** (non-engaging)
- **TIB-NX-40-C1.5**
- **TIB-NX-40-C3**

### Screw torque:

- **2 Series Screws**
  - **33 Ncm**
- **3 Series Screws**
  - **32 - 40 Ncm**
- **1 Series Screws**
  - **10 - 15 Ncm**

**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

Ø4.0 mm Co-Axis® (IBT12d / MSC-IBT12d)

(Illustration is for 13 mm implant)

**Soft Bone**
- D-3Spade 1.8M
- Ø2.0 mm
- Ø3.3 mm
- Ø4.0 mm

**Medium Bone**
- D-3Spade 1.8M
- Ø2.0 mm
- Ø3.3 mm
- Ø4.0 mm
- D-CSSM

**Dense Bone**
- D-3Spade 1.8M
- Ø2.0 mm
- Ø3.3 mm
- Ø4.0 mm
- D-TAP-IBT
- D-MB®

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

Ø4.0 mm

12°/24° Co-Axis®

REDUCED PLATFORM
**Implants are premounted and available in lengths of:**

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<thead>
<tr>
<th>ITEM CODE</th>
<th>TAPERED</th>
<th>IMPLANT LENGTHS (mm)</th>
<th>ITEM CODE</th>
<th>TAPERED</th>
<th>IMPLANT LENGTHS (mm)</th>
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<tbody>
<tr>
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<td>L1</td>
<td>L2</td>
<td></td>
<td>L1</td>
<td>L2</td>
</tr>
<tr>
<td>IBR12D-8.5</td>
<td>MSC-IBR12D-8.5</td>
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<td>9.3</td>
<td>IBR24D-8.5</td>
<td>MSC-IBR24D-8.5</td>
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<td>MSC-IBR12D-10</td>
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<td>10.8</td>
<td>IBR24D-10</td>
<td>MSC-IBR24D-10</td>
</tr>
<tr>
<td>IBR12D-11.5</td>
<td>MSC-IBR12D-11.5</td>
<td>11.5</td>
<td>12.3</td>
<td>IBR24D-11.5</td>
<td>MSC-IBR24D-11.5</td>
</tr>
<tr>
<td>IBR12D-18</td>
<td>MSC-IBR12D-18</td>
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<td>IBR24D-18</td>
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**Surgical Components**

<table>
<thead>
<tr>
<th>Cover Screw</th>
<th>Healing Abutments</th>
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</thead>
<tbody>
<tr>
<td>SCNU2</td>
<td>TBN</td>
</tr>
<tr>
<td>Ø3.6</td>
<td>WBN</td>
</tr>
<tr>
<td>Ø4.5</td>
<td>2/3/4/6/8 lengths</td>
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</tbody>
</table>
**Prosthetic Flowchart**

### Ø3.25 mm Interface

#### DIRECT

<table>
<thead>
<tr>
<th>Healing Abutments</th>
<th>Impression Copings</th>
<th>Laboratory Analogue</th>
<th>Prosthetic Components</th>
<th>Retaining Screws</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBNU Pick-up</td>
<td>CBN70 Transfer</td>
<td>SBN16 (engaging) TIB-EX-34 TIB-EX-34-C1.5</td>
<td>GC-EX-34 (engaging) GC-NX-34 (non-engaging)</td>
<td>Titanium Screws</td>
</tr>
<tr>
<td>TBN</td>
<td>CBNU-W Pick-up</td>
<td>TBN2 (digital analogue)</td>
<td>TBC1N1H/5H (engaging) TCB1N1H/5NH (non-engaging)</td>
<td>Gold Screws</td>
</tr>
<tr>
<td>WBN</td>
<td>SFT-EX-34 (scanning flag)</td>
<td>CBC</td>
<td>CER-ZR-34-4 / 6</td>
<td>TITANIUM Abutments</td>
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<tr>
<td>LSN12</td>
<td>Titanium</td>
<td>TIB abutments available in 3 cuff height variants: 0.6 mm, 1.5 mm and 3 mm</td>
<td>CERAMIC Abutments</td>
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<tr>
<td>CBN70</td>
<td>(digital analogue)</td>
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<td>PASSIVE Abutment</td>
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#### INDIRECT

<table>
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<tr>
<th>Compact Conical Abutments</th>
<th>CMC1 (passive)</th>
<th>CMC2 (transfer)</th>
<th>GMC1</th>
<th>TMC1 / 5</th>
<th>PKC-MC</th>
</tr>
</thead>
<tbody>
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<td>ABNMC2</td>
<td>Compact</td>
<td>Compact-ZG-2 (transfer)</td>
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<td>Compact</td>
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<td>HMC 1/2/3/4/5</td>
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<td>1/2/3/4/5/6</td>
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<td>HMC</td>
<td>HMC</td>
</tr>
<tr>
<td>ABNMC1</td>
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<td>OR</td>
<td>OR</td>
<td>OR</td>
<td>OR</td>
</tr>
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<td>GMC1</td>
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<td>Compact</td>
<td>Compact</td>
<td>Compact</td>
</tr>
<tr>
<td>TMC1 / 5</td>
<td>Compact</td>
<td>Compact</td>
<td>Compact</td>
<td>Compact</td>
<td>Compact</td>
</tr>
<tr>
<td>PKC-MC</td>
<td>Compact</td>
<td>Compact</td>
<td>Compact</td>
<td>Compact</td>
<td>Compact</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

Ø4.0 mm Co-Axis® (IBR12D / MSC-IBR12D)  

Soft Bone | Medium Bone | Dense Bone
---|---|---
D-3Spade 1.8 M  Ø2.0 mm | D-3Spade 1.8 M  Ø2.0 mm | D-3Spade 1.8 M  Ø2.0 mm
D-3 Spade 1.8 M  Ø3.3 mm | D-3 Spade 1.8 M  Ø3.3 mm | D-3 Spade 1.8 M  Ø3.3 mm
D-3 Spade 1.8 M  Ø4.0 mm | D-3 Spade 1.8 M  Ø4.0 mm | D-3 Spade 1.8 M  Ø4.0 mm
D-3 Spade 1.8 M  Ø5.0 mm | D-3 Spade 1.8 M  Ø5.0 mm | D-3 Spade 1.8 M  Ø5.0 mm

Ø4.0 mm Co-Axis® (IBR24D / MSC-IBR24D)  

Soft Bone | Medium Bone | Dense Bone
---|---|---
D-3Spade 1.8 M  Ø2.0 mm | D-3Spade 1.8 M  Ø2.0 mm | D-3Spade 1.8 M  Ø2.0 mm
D-3 Spade 1.8 M  Ø3.3 mm | D-3 Spade 1.8 M  Ø3.3 mm | D-3 Spade 1.8 M  Ø3.3 mm
D-3 Spade 1.8 M  Ø4.0 mm | D-3 Spade 1.8 M  Ø4.0 mm | D-3 Spade 1.8 M  Ø4.0 mm
D-3 Spade 1.8 M  Ø5.0 mm | D-3 Spade 1.8 M  Ø5.0 mm | D-3 Spade 1.8 M  Ø5.0 mm

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

Ø5.0 mm

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

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>L1</th>
<th>L2</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAT12D-10</td>
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<td>BAT12D-11.5</td>
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<tr>
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<tr>
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</table>

NOTE: Implant dimensions and information - page 72.

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</td>
<td>TV5BA</td>
</tr>
<tr>
<td></td>
<td>Ø5.5</td>
<td>Ø5.0</td>
</tr>
<tr>
<td></td>
<td>2/3/4/6/8 lengths</td>
<td>4/6 lengths</td>
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<tr>
<td></td>
<td></td>
<td>T5BA</td>
</tr>
<tr>
<td></td>
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<td>2/3/4/6/8 lengths</td>
<td>3/4/6 lengths</td>
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<td></td>
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<td>T6BA</td>
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<tr>
<td></td>
<td>Ø5.0</td>
<td>Ø6.5</td>
</tr>
<tr>
<td></td>
<td>3/4/6/12 lengths</td>
<td>3/4/6/12 lengths</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T7BA</td>
</tr>
<tr>
<td></td>
<td>Ø7.5</td>
<td></td>
</tr>
</tbody>
</table>
### DIRECT

#### Healing Abutments
- TBSA (transpart)
- TBA (transpart)
- XBA (transpart)
- WBA (transpart)

#### Impression Copings
- CBAV (pick-up)
- CBAU (pick-up)
- CBAU-M (pick-up)
- CBAU-W (pick-up)
- SPFEX-50 (scanning flag)

#### Laboratory Analogues
- LSA12
- DBA
- DBA12
- DBA24
- LAD-BA
- SPFEX-50 (scanning flag)

#### Prosthetic Components
- GC-EX-50 (engaging)
- GC-NX-50 (non-engaging)
- TIBA1H/5H (engaging)
- TIBA1NH/5NH (non-engaging)
- PKBA2H (engaging)
- PKBA2NH (non-engaging)

#### Retaining Screws
- 3 Series Screws
  - TORQUE: 32 - 40 Ncm
- 2 Series Screws
  - TORQUE: 32 - 40 Ncm

---

**NOTE:** for Overdenture abutments refer to CAT-1019 and CAT-1189 for Equator overdenture options.
Site Preparation Sequence

Ø5.0 mm Co-Axis® (BAT12D / MSC-BAT12D)

(illustration is for 13 mm implant)

**Soft Bone**
- D-3Spade 1.8M Ø2.0 mm
- Ø3.3 mm
- Ø5.0 mm

**Medium Bone**
- D-3Spade 1.8M Ø2.0 mm
- Ø3.3 mm
- Ø5.0 mm

**Dense Bone**
- D-3Spade 1.8M Ø2.0 mm
- Ø3.3 mm
- Ø5.0 mm
- Ø5.0 mm

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

Ø5.0 mm

12°/24°/36° Co-Axis®

REDUCED PLATFORM
† Ø5.0 mm 12° / 24° / 36° Co-Axis® Implants (Tapered)

NOTE: Implant dimensions and information - page 72.

(Surgery Components)

Cover Screw

Healing Abutments

Healing Abutments (two-part)
**Prosthetic Flowchart**

### Ø4.0 mm 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>TV48 (two-part)</td>
<td>CBV (pickup)</td>
<td>GC-EX-40 (engaging)</td>
<td>PKB2H (engaging)</td>
<td>3 Series Screws</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TCB1H/5H (non-engaging)</td>
<td>TCB1NH/5NH (non-engaging)</td>
<td>TORQUE: 32 - 40 Ncm</td>
</tr>
<tr>
<td>TB (two-part)</td>
<td>CBU (pickup)</td>
<td>GC-NX-40 (non-engaging)</td>
<td>TK11K* (Screw torque: 20 Ncm)</td>
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</tr>
<tr>
<td>WB (one-part)</td>
<td>CBU-W (pickup)</td>
<td>TCB1NH/5NH (non-engaging)</td>
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<td>CB70 (transfer)</td>
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<td>DB534</td>
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<tr>
<td></td>
<td>SFTEX-40 (scanning flag)</td>
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</tr>
</tbody>
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#### INDIRECT

**Compact Conical Abutments**
- AMC2 (1/2/3/4/5)
- OR AMC170-3 or AMC300-4

**INDIRECT**
- CMC1 (passive)
- CMC2 (transfer)
- CMC-ZG-2 (transfer)
- LAD-MC (digital analogue)

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

**Retaining Screws**
- 1 Series Screws (TORQUE: 10 - 15 Ncm)

**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

Ø5.0 mm Co-Axis® (BAR12D / MSC-BAR12D)  

Soft Bone  
Medium Bone  
Dense Bone

Ø5.0 mm Co-Axis® (BAR24D / MSC-BAR24D)

Soft Bone  
Medium Bone  
Dense Bone

Ø5.0 mm 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.
EXTERNAL HEX

Ø6.0 mm

12°/24° Co-Axis®
**Implants are premounted and available in lengths of:**

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAPERED</td>
<td>L1</td>
</tr>
<tr>
<td>BBBT12D-10</td>
<td>10.0</td>
</tr>
<tr>
<td>BBBT12D-11.5</td>
<td>11.5</td>
</tr>
<tr>
<td>BBBT12D-13</td>
<td>13.0</td>
</tr>
<tr>
<td>BBBT12D-15</td>
<td>15.0</td>
</tr>
<tr>
<td>BBBT12D-18</td>
<td>18.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAPERED</td>
<td>L1</td>
</tr>
<tr>
<td>BBBT24D-10</td>
<td>10.0</td>
</tr>
<tr>
<td>BBBT24D-11.5</td>
<td>11.5</td>
</tr>
<tr>
<td>BBBT24D-13</td>
<td>13.0</td>
</tr>
<tr>
<td>BBBT24D-15</td>
<td>15.0</td>
</tr>
<tr>
<td>BBBT24D-18</td>
<td>18.0</td>
</tr>
</tbody>
</table>

**Surgical Components**

**Cover Screw**

- **SCU6**

**Healing Abutments**

- **TB88** Ø6.5
- **WB88** Ø7.5
- **T688** Ø6.5
- **T788** Ø7.5

**Healing Abutments (two-part)**

- 2/3/4/6 lengths
- 2/3/4/6/8 lengths
- 3/4/6 lengths
- 3/4/6 lengths

**NOTE:** Implant dimensions and information - page 72.
### DIRECT

#### Healing Abutments
- **TBBB** (one-part)
- **WBBB** (one-part)
- **CBBBU** (pick-up)
- **CBBBU-W** (pick-up)
- **CBBB75** (transfer)
- **SFT-EX-60** (scanning flag)

#### Impression Copings
- **CBBBU-W** (pick-up)
- **LBBBS12**
- **TIB-EX-60**
- **TIB-EX-60-C1.5**
- **TIB-EX-60-C3**
- **PA-MC-60** (passive abutment)

#### Laboratory Analogues
- **CER-ZN-67/68/69**
- **TITANIUM Abutments**
- **CERAMIC Abutments**
- **SCANNABLE Abutments**
- **PASSIVE Abutments**
- **TIB abutments available in 3 cuff height variants:**
  - 0.6 mm
  - 1.5 mm
  - 3 mm

#### Prosthetic Components
- **GC-EX-60** (engaging)
- **GC-NX-60** (non-engaging)
- **TIB-EX-60**
- **TIB-EX-60-C1.5**
- **TIB-EX-60-C3**
- **PKBB2H** (engaging)
- **PKBB2NH** (non-engaging)
- **CIA-EX-60** (engaging)
- **CIA-NX-60** (non-engaging)
- **GC-EX-60** (engaging)
- **GC-NX-60** (non-engaging)

#### Retaining Screws
- **1 Series Screws**
- **TORQUE:** 10 - 15 Ncm
- **2 Series Screws**
- **TORQUE:** 32 - 40 Ncm
- **3 Series Screws**
- **TORQUE:** 32 - 40 Ncm

### INDIRECT

#### Compact Conical Abutments
- **ABBBCM2**
- **ABBBCM2175-3**
- **ABBBCM3584**

#### Impression Copings
- **CMCW1** (pick-up)
- **CMCW2** (transfer)
- **SFT-MC-60** (scanning flag)
- **HMCW**
- **HMCTW9**
- **(digital analogue)**

#### Laboratory Analogues
- **TBBB** (one-part)
- **WBBB** (one-part)
- **CMCW1**
- **CMCW2**
- **CMWW2**
- **HMCW**
- **HMCTW9**
- **(digital analogue)**

#### Prosthetic Components
- **GMCW1**
- **GMCW2**
- **TMCW1**
- **PA-MC-60** (passive abutment)
- **PA-MC-60**

#### Retaining Screws
- **1 Series Screws**
- **TORQUE:** 10 - 15 Ncm
**Site Preparation Sequence**

**Ø6.0 mm Co-Axis® (BBBT12D)**

<table>
<thead>
<tr>
<th>Soft Bone</th>
<th>Medium Bone</th>
<th>Dense Bone</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Diagram" /></td>
<td><img src="image2" alt="Diagram" /></td>
<td><img src="image3" alt="Diagram" /></td>
</tr>
</tbody>
</table>

**Ø6.0 mm Co-Axis® (BBBT24D)**

<table>
<thead>
<tr>
<th>Soft Bone</th>
<th>Medium Bone</th>
<th>Dense Bone</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image4" alt="Diagram" /></td>
<td><img src="image5" alt="Diagram" /></td>
<td><img src="image6" alt="Diagram" /></td>
</tr>
</tbody>
</table>

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

Ø6.0 mm

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

(Where **xx** is implant length)

Implants are premounted 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**

<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>SCU2</td>
<td>TB, Ø4.5</td>
<td>TV4B, Ø4.0</td>
<td>PK-MAX6-9, 9.0 mm</td>
</tr>
<tr>
<td></td>
<td>WB, Ø5.5</td>
<td>T4B, Ø4.5</td>
<td>Retention screw sold separately (3 Series)</td>
</tr>
<tr>
<td></td>
<td>2/3/4/5/6/8 lengths</td>
<td>3/4/6 lengths</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2/3/4/6/8 lengths</td>
<td>3/4/6/8 lengths</td>
<td></td>
</tr>
</tbody>
</table>

*NOTE: 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

Ø6.0 mm Tapered (MAX-6 / MSC-MAX-6)

(illustration is for 9 mm 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.
EXTERNAL HEX

Ø7.0 mm

MAX-7
**Ø7.0 mm MAX Implants** (Tapered)

Implants are premounted 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-xx</td>
<td>7 / 9 / 11</td>
</tr>
<tr>
<td>MSC-MAX-7-xx</td>
<td>7 / 9 / 11</td>
</tr>
</tbody>
</table>

NOTE: Implant dimensions and information - page 72.

**Surgical Components**

**Cover Screw**

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

**Healing Abutments**

<table>
<thead>
<tr>
<th>TV5BA</th>
<th>T5BA</th>
<th>T6BA</th>
<th>T7BA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø5.0</td>
<td>Ø5.5</td>
<td>Ø6.5</td>
<td>Ø7.5</td>
</tr>
<tr>
<td>4/6 lengths</td>
<td>3/4/6 lengths</td>
<td>3/4/6/12 lengths</td>
<td>3/4/6/12 lengths</td>
</tr>
</tbody>
</table>

**Healing Abutments (two-part)**

<table>
<thead>
<tr>
<th>PK-MAX7-9</th>
<th>PK-MAX7-11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø5.0</td>
<td>Ø5.0</td>
</tr>
<tr>
<td>9.0 mm</td>
<td>11 mm</td>
</tr>
</tbody>
</table>

Retention screw sold separately (3-Series)

![Image of MAX-7-xx and MSC-MAX-7-xx implants]
**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>TVSBA (x-raypart)</td>
<td>CBAV (pick-up)</td>
<td>GC-EX-50 (engaging)</td>
<td>GC-NX-50 (non-engaging)</td>
<td>DIRECT Abutments</td>
</tr>
<tr>
<td>TBA (x-raypart)</td>
<td>CBAU (pick-up)</td>
<td>GC-EX-50 (engaging)</td>
<td>GC-NX-50 (non-engaging)</td>
<td>Gold Abutments</td>
</tr>
<tr>
<td>XBA (x-raypart)</td>
<td>CBAU-M (sinker)</td>
<td>GC-EX-50 (engaging)</td>
<td>GC-NX-50 (non-engaging)</td>
<td>Titanium Abutments</td>
</tr>
<tr>
<td>WBA (x-raypart)</td>
<td>CBAU-W (pick-up)</td>
<td>GC-EX-50 (engaging)</td>
<td>GC-NX-50 (non-engaging)</td>
<td>CER-ZR-56/57/58/59 Abutments</td>
</tr>
</tbody>
</table>

### PROSTHETIC COMPONENTS

- **Gold Abutments**: Use 2 Series Screws.
- **Titanium Abutments**: Use 2 Series Screws.
- **PEEK**: 2 Series Screws.

### Retaining Screws

- **Screw Torque**: 20 Ncm
- **3 Series Screws**: TORQUE: 32 - 40 Ncm
- **2 Series Screws**: TORQUE: 32 - 40 Ncm

### Direct Scanable Abutments

<table>
<thead>
<tr>
<th>Prosthetic Abutments</th>
<th>3 Series Screws</th>
<th>2 Series Screws</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFT-EX-50 (scanning bag)</td>
<td>32 - 40 Ncm</td>
<td>32 - 40 Ncm</td>
</tr>
<tr>
<td>SBA16 (engaging)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TIB abutments available in 3 cuff height variants: 0.6 mm, 1.5 mm and 3 mm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE**: For Overdenture abutments refer to CAT-1019 and CAT-1189 for Equator Overdenture options.
## Prosthetic Flowchart

### Ø5.0 Interface

### INDIRECT

<table>
<thead>
<tr>
<th>Compact Conical Abutment</th>
<th>Healing Caps</th>
<th>Impression Copings</th>
<th>Laboratory Analogues</th>
<th>Prosthetic Components</th>
<th>Retaining Screws</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABAMC2</td>
<td>HMCW</td>
<td>CMCW1 (prosthodont)</td>
<td>LSMCW1</td>
<td>GCMW1</td>
<td>PKC-MCW</td>
</tr>
<tr>
<td>1/2/3/4/5</td>
<td></td>
<td>CMCW2 (transfer)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABAMC17D-3</td>
<td>HMCTW9</td>
<td>SFTMC-60 (scanning flag)</td>
<td>LAD-MCW</td>
<td>GMC1</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
<td>TMC1 / 5</td>
<td></td>
</tr>
<tr>
<td>ABAMC30D-4</td>
<td></td>
<td></td>
<td></td>
<td>PKC-MC</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Site Preparation Sequence

#### Ø7.0 mm Tapered (MAX-7 / MSC-MAX-7)

(Illustration is for 9 mm 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.
EXTERNAL HEX

Ø8.0 mm

MAX-8
**Ø8.0 mm MAX Implants (Tapered)**

Implants are premounted 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 Ø6.5</td>
<td>T6BBB Ø6.5</td>
<td>PK-MAX8-11</td>
</tr>
<tr>
<td></td>
<td>WBBB Ø7.5</td>
<td>T7BBB Ø7.5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2/3/4/6 lengths</td>
<td>3/4/6 lengths</td>
<td>11 mm</td>
</tr>
<tr>
<td></td>
<td>2/3/4/6/8 lengths</td>
<td>3/4/6 lengths</td>
<td>Ø6.0</td>
</tr>
</tbody>
</table>

Restore with Ø6.0 mm prosthetics

(Where xx is implant length)

NOTE: Implant dimensions and information - page 72.
## DIRECT

### Healing Abutments

<table>
<thead>
<tr>
<th>TBBB</th>
<th>(one-part)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBBBU</td>
<td>(pick-up)</td>
</tr>
<tr>
<td>CBBBU-W</td>
<td>(pick-up)</td>
</tr>
<tr>
<td>WBBB</td>
<td>(one-part)</td>
</tr>
</tbody>
</table>

### Impression Copings

<table>
<thead>
<tr>
<th>CBBB75</th>
<th>(transfer)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LBBBS12</td>
<td></td>
</tr>
</tbody>
</table>

### Laboratory Analougues

| SFT-EX-60 | (scanning flag) |
| SFT-MC-60 | (pick-up) |

### Prosthetic Components

| GC-EX-60 | (engaging) |
| GC-NX-60 | (non-engaging) |
| GC-EX-60 | (engaging) |
| GC-NX-60 | (non-engaging) |
| PKBBB2H | (engaging) |
| PKBBB2NH| (non-engaging) |

### Retaining Screws

| TIB-EX-60 | (engaging) |
| TIB-EX-60-C1.5 | (non-engaging) |
| TIB-EX-60-C3 | (non-engaging) |
| TIB-NX-60 | (non-engaging) |
| TIB-NX-60-C1.5 | (non-engaging) |
| TIB-NX-60-C3 | (non-engaging) |
| CIA-EX-60 | (engaging) |
| CIA-NX-60 | (non-engaging) |

### Screw torque:

- 2 Series Screws: 32 - 40 Ncm
- 3 Series Screws: 32 - 40 Ncm
- 1 Series Screws: 10 - 15 Ncm

## INDIRECT

### Compact Conical Abutments

| ABBBMC176-3 | or ABBBMC350-5 |

### Conical Abutments

<table>
<thead>
<tr>
<th>HMCW</th>
<th>4/6</th>
</tr>
</thead>
</table>

### Impression Copings

<table>
<thead>
<tr>
<th>CMCW1</th>
<th>(pick-up)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMCW2</td>
<td>(transfer)</td>
</tr>
</tbody>
</table>

### Laboratory Analougues

<table>
<thead>
<tr>
<th>LSMCW1</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SFTMC-60</td>
<td>(scanning flag)</td>
</tr>
</tbody>
</table>

### Prosthetic Components

<table>
<thead>
<tr>
<th>GMCW1</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>TMCW1</td>
<td>5</td>
</tr>
</tbody>
</table>

### Retaining Screws

| PA-MC-60 | (passive abutment) |

### Screw torque:

- 1 Series Screws: 10 - 15 Ncm

## Ø6.0 mm Interface

- Screw torque: 20 Ncm
- Screw torque: 10 - 15 Ncm
Site Preparation Sequence

Ø8.0 mm Tapered (MAX-8 / MSC-MAX-8)

Illustration is for 9 mm 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.
EXTERNAL HEX

Ø9.0 mm

MAX-9
Ø9.0 mm MAX Implants (Tapered)

(where xx is implant length)

<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-9-xx</td>
<td>7 / 9 / 11</td>
<td>MSC-MAX-9-xx</td>
<td>7 / 9 / 11</td>
</tr>
</tbody>
</table>

NOTE: implant dimensions and information - page 72.

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</td>
<td>TMAX9</td>
</tr>
<tr>
<td></td>
<td>Ø8.0</td>
<td>Ø8.0</td>
</tr>
<tr>
<td></td>
<td>4/5.5/7 lengths</td>
<td>4/5.5/7 lengths</td>
</tr>
</tbody>
</table>

Restore with Ø7.0 mm prosthetics
Prosthetic Flowchart

**DIRECT**

### Healing Abutments
- TB9MAX (one-part)
- TMAX9 (two-part)

### Impression Copings
- CMAX9 (engaging)
- CMAX9L (engaging)

### Laboratory Analogues
- LMAX9

### Prosthetic Components
- DIRECT Abutments
- Titanium
- PEEK®

### Retaining Screws
- 3 Series Screws
  - **TORQUE:** 32 - 40 Ncm
- 2 Series Screws
  - **TORQUE:** 32 - 40 Ncm

### Ø7.0 mm Interface

**Site Preparation Sequence**

**Ø9.0 mm Tapered (MAX-9 / MSC-MAX9)**

- Ø7.0 mm
- Ø6.5 mm
- Ø6.0 mm
- Ø5.0 mm
- Ø4.5 mm
- Ø3.5 mm
- Ø2.0 mm

**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.
**Pilot Drills**
- D-CSF
- D-CS-40M
- D-CS-50M

**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
- 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

** Ø2.0 mm Twist Drills**
- D-2UT-M10
- D-2UT-M15
- D-2UT-M20
- D-2UT-M24

** Ø2.9 mm Twist Drills**
- D-29T-M10
- D-29T-M15
- D-29T-M20

** Ø3.0 mm Twist Drills**
- D-30T-M10
- D-30T-M15
- D-30T-M20

** Ø3.3 mm Twist Drills**
- D-33T-M10
- D-33T-M15
- D-33T-M20

** Ø3.5 mm Twist Drills**
- D-35T-M15
- D-40T-M10
- D-40T-M15

** Ø4.0 mm Twist Drills**
- D-40T-M10
- D-40T-M15

** Ø4.3 mm Drill / Implant length measure**

** Ø4.6 mm**
- D-46T-M10
- D-46T-M15

** Ø5.0 mm**
- D-50T-M10
- D-50T-M15

** Ø5.3 mm**
- D-53T-M15
- D-56T-M10

** Ø5.6 mm**
- D-56T-M13

*M10/M13/M15/M20 indicates the length to the last laser mark on the drill bit.*
NOTE:
- The surgical kit has an intuitive layout to guide the surgeon through the drill sequence.
- Most instruments are available in various lengths.
- All instruments and tooling used during the procedure must be maintained in good condition, cleaned, and sterilized prior to use. Please consult the instructions for use Southern Implants instrument tray and reusable instruments (CAT-8003 and CAT-8070) for guidance concerning the maintenance of instruments and surgical trays. Please consult the corresponding drill instructions for use regarding care and maintenance of drills.
- Refer to CAT-8021 for more information on bone mills.
TOP TRAY

**Pilot Drills**
- D-3Spade-1.8M
- D-RB-MS
- D-12FM15

**Twist Drills**
- Ø2.0 mm
- D-20FM10/M15

**Primary Drills**
- Ø3.3
- D-33TP-8.5
- D-33TP-10
- D-33TP-11.5
- D-33TP-13

**Intermediate Drills**
- Ø4.0
- D-40TP-6
- D-40TP-8.5
- D-40TP-10
- D-40TP-11.5
- D-40TP-13

**Max Drills**
- Ø6.0
- D-MAX6-6
- D-MAX6-7
- D-MAX6-9
- D-MAX6-11
- D-MAX6-13

**Max Drills**
- Ø6.0
- D-MAX6-6
- D-MAX6-7
- D-MAX6-9
- D-MAX6-11

**Max Drills**
- Ø7.0
- D-70TP-6
- D-70TP-9
- D-70TP-11

**Max Drills**
- Ø8.0
- D-80TP-6
- D-80TP-9
- D-80TP-11

**Max Drills**
- Ø9.0
- D-90TP-6
- D-90TP-9
- D-90TP-11

**Dedicated Tapered Drills**
- Ø3.3
- D-33TP-8.5
- D-33TP-10
- D-33TP-11.5
- D-33TP-13

**Dedicated MAX Drills**
- Ø6.0
- D-MAX6-6
- D-MAX6-7
- D-MAX6-9
- D-MAX6-11

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

**NOTE:** longer shaft length available for Ø7 mm, Ø8 mm and Ø9 mm drills.
NOTE:
• the surgical kit has an intuitive layout to guide the surgeon through the drill sequence.
• most instruments are available in various lengths.
• all instruments and tooling used during the procedure must be maintained in good condition, cleaned and sterilized prior to use. Please consult the Instructions for Use: Southern Implants® instrument tray and reusable instruments (CAT-8003 and CAT-8070) for guidance concerning the maintenance of instruments and surgical trays. Please consult the corresponding drill Instructions for Use regarding care and maintenance of drills.
• refer to CAT-8021 for more information on bone mills.
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 are available in various lengths.
**TORQUE TABLE FOR SOUTHERN SCREWS**

### 2 Series screws (M2)

<table>
<thead>
<tr>
<th>Torque</th>
<th>Head Diameter</th>
<th>Notes</th>
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<tr>
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**NOTE:** screw TORQUE with PEEK prosthetics: 15 Ncm

< Ø4.0 mm implant interfaces: 15 Ncm
≥ Ø4.0 mm implant interfaces: 20 Ncm

### Piccolo (M1.6)

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**NOTE:** screw TORQUE with PEEK prosthetics: 15 Ncm

### Digital Laboratory Analogues screws

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Screw supplied with all Digital Analogues

### 1 Series screws (M1.4)

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<tr>
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**NOTE:** screw TORQUE with PEEK prosthetics: 10 - 15 Ncm

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

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**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-8068 for alternative slotted 1 Series screws.
- blackened and for laboratory use only.
- universal drivers are compatible with both 1.22 and 1.27 Hex screws:
  - HHD22U-S/M/L
  - HWD22U-S/-/M/L

### Screw Head Connections

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

<table>
<thead>
<tr>
<th>RANGE</th>
<th>MAJOR DIAMETER</th>
<th>PLATFORM WIDTH</th>
<th>PROSTHETICS</th>
<th>HEX WIDTH</th>
<th>HEX HEIGHT</th>
<th>COLLAR HEIGHT</th>
<th>THREAD</th>
<th>APPEX ANGLE</th>
<th>CYLINDRICAL OR TAPERED</th>
<th>IMPLANT LENGTHS</th>
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## IMPLANT LENGTHS

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## RANGE (MAX IMPLANTS)

| MAX-6 | Ø6.0 mm | 6.0 | 4.5 | 2.70 | 0.7 | 0.5 | 0.8 | 3.0 | T | ✓ | ✓ | ✓ |
| MAX-MAX-6| Ø6.0 mm | 6.0 | 4.5 | 2.70 | 0.7 | 0.5 | 0.8 | 3.0 | T | ✓ | ✓ | ✓ |
| MAX-7  | Ø7.0 mm | 7.0 | 5.5 | 2.70 | 0.7 | 0.5 | 0.8 | 4.0 | T | ✓ | ✓ | ✓ |
| MAX-MAX-7| Ø7.0 mm | 7.0 | 5.5 | 2.70 | 0.7 | 0.5 | 0.8 | 4.0 | T | ✓ | ✓ | ✓ |
| MAX-8  | Ø8.0 mm | 8.0 | 6.5 | 2.70 | 0.7 | 0.5 | 0.8 | 4.0 | T | ✓ | ✓ | ✓ |
| MAX-MAX-8| Ø8.0 mm | 8.0 | 6.5 | 2.70 | 0.7 | 0.5 | 0.8 | 4.0 | T | ✓ | ✓ | ✓ |
| MAX-9  | Ø9.0 mm | 9.0 | 7.5 | 2.70 | 0.7 | 0.5 | 0.8 | 5.0 | T | ✓ | ✓ | ✓ |
| MAX-MAX-9| Ø9.0 mm | 9.0 | 7.5 | 2.70 | 0.7 | 0.5 | 0.8 | 5.0 | T | ✓ | ✓ | ✓ |
IMPLANT DIMENSIONS AND INFORMATION

NOTE:
- All dimensions in this catalogue are in mm, unless otherwise specified.
- 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, cardiovascular disease).

The coronal machined surface area covers the top crestal 3 mm of the implant.

DRILL INFORMATION

Twist drill markings

Final tapered drill position for Co-Axis® implants

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

INSTRUMENTATION

Fixture mounts per prosthetic interface:

Platform Interface
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. Sterilisation using irradiation
6. 2D Bar coding
7. Patient sticker for documentation purposes
8. Prescription device
9. Product description

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