INVERTA™
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.
DEEP CONICAL - INVERTA

Deep Conical INVERTA
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- Ø4.0mm - Ø5.0mm Implants ............................................................... Page 06
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- Prosthetics Information .................................................................... Page 08

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- Ø4.0mm - Ø5.0mm 12° Co-Axis Implants ......................................... Page 12
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EXTERNAL HEX - INVERTA

External Hex INVERTA
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Further information available on our website
southernimplants.com
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.

NOTE:
DEEP CONICAL INVERTA

Straight Connection

Ø3.5mm-Ø4.5mm

Ø4.0mm-Ø5.0mm
### INVERTA Deep Conical Ø3.5mm-Ø4.5mm

**Implants are available in lengths of:**

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (in mm)</th>
<th>Coronal Ø</th>
<th>Maximum Ø</th>
</tr>
</thead>
<tbody>
<tr>
<td>IV-DC35-4510</td>
<td>10.0</td>
<td>3.6mm</td>
<td>4.5mm</td>
</tr>
<tr>
<td>IV-DC35-4511</td>
<td>11.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IV-DC35-4513</td>
<td>13.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IV-DC35-4515</td>
<td>15.0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### INVERTA Deep Conical Ø4.0mm-Ø5.0mm

**Implants are available in lengths of:**

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (in mm)</th>
<th>Coronal Ø</th>
<th>Maximum Ø</th>
</tr>
</thead>
<tbody>
<tr>
<td>IV-DC40-5010</td>
<td>10.0</td>
<td>4.0mm</td>
<td>5.0mm</td>
</tr>
<tr>
<td>IV-DC40-5011</td>
<td>11.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IV-DC40-5013</td>
<td>13.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IV-DC40-5015</td>
<td>15.0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** Implant dimensions and information - page 34
### Site Preparation Sequence

**Ø3.5mm-Ø4.5mm Tapered (IV-DC35-45)**

(Illustration is for 13mm implants)

---

### Site Preparation Sequence

**Ø4.0mm-Ø5.0mm Tapered (IV-DC40-50)**

(Illustration is for 13mm implants)

---

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

**Pilot Drill**

- D-3SPADE-IV

**Pilot Drill markings**

- 15mm
- 13mm
- 11.5mm
- 10mm
- 8mm

**Tapered Drill markings**

- 9mm above top of implant
- 6mm above top of implant
- 3mm above top of implant
- Top of implant

**Codes**

- D-IV4510/11/13/15
- D-IV5010/11/13/15

**Tapered Drills**

- D-IV45xx
- D-IV50xx

**Surgical Components**

**Cover Screw**

- CS-DC4

**Healing Abutments**

- HA-DC4
  - Ø4.0
- HA-DC4-N2
  - Ø4.5
- HA-DC4-W
  - Ø5.5

**NOTE:** TORQUE TO 10Ncm ONLY

**Instrumentation**

**Placement Tool**

- I-HD4-S/M
- I-WI-DC4-S/M

**Converters**

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

**Drivers**

- I-HD-22U-M
  - 1.22 Universal Hex Driver

**NOTE:** Refer to CAT-1191 for more information on wrench insert converters.

**NOTE:** Most instruments are available in various lengths.
Prosthetic Flowchart

Direct

Healing Abutments
- CS-DC4
- IV-DC4-45
- IV-DC4-50

Impression Copings
- HA-DC4-N2
- IC-DC4-W (gold)
- IC-DC4-W (silver)
- IC-DC4-4W (another)
- ICT-DC4

Laboratory Analogues
- GC-DC4-4W (Engaging)
- GC-DC4 (Non-Engaging)
- TC-DC4-4W (Engaging)
- TC-DC4 (Non-Engaging)
- PKC-DC4-2 (Engaging)
- PKC-DC4-2 (Non-Engaging)
- TCA-DC4
- TCA12-DC4
- TCA24-DC4

Prosthetic Components
- Direct Abutments
- Gold
- Titanium
- PEEK

Retaining Screws
- TS-DC4-16
- BS-DC4-16

Indirect

Compact Conical Abutments
- MC-DC4
- MC-DC4-20d
- MC-DC4-30d

Impression Copings
- HMC 4/6
- HMC T7 4/6
- CMC1 (Pick-up)
- CMC2 (Transfer)
- SF-MC-48 (Transfer) (Plus)
- LMSC-1 (Pick-up)

Laboratory Analogues
- GMC1
- TMC1 / 5
- PKC-MC
- PA-MC-48

Prosthetic Components
- Gold
- Titanium
- PEEK

Passive Abutment Screws
- PA-DC4-16T
- PA-DC4-16B

Retaining Screws
- Titanium (anodized blue)
- Titanium (for laboratory use only)

NOTE: For Overdenture options refer to CAT-1189 Equator Abutments.
DEEP CONICAL INVERTA

Angled Connection

Ø3.5mm-Ø4.5mm Co-Axis®
Ø4.0mm-Ø5.0mm 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>Coronal Ø D1</th>
<th>Maximum Ø D2</th>
</tr>
</thead>
<tbody>
<tr>
<td>IV-DC3512D-4511</td>
<td>11.5 10.86</td>
<td>3.6mm</td>
<td>4.5mm</td>
</tr>
<tr>
<td>IV-DC3512D-4513</td>
<td>13.0 12.36</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IV-DC3512D-4515</td>
<td>15.0 14.36</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (in mm)</th>
<th>Coronal Ø D1</th>
<th>Maximum Ø D2</th>
</tr>
</thead>
<tbody>
<tr>
<td>IV-DC4012D-5011</td>
<td>11.5 10.86</td>
<td>4.0mm</td>
<td>5.0mm</td>
</tr>
<tr>
<td>IV-DC4012D-5013</td>
<td>13.0 12.36</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IV-DC4012D-5015</td>
<td>15.0 14.36</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** Implant dimensions and information - page 34
Site Preparation Sequence

Ø3.5mm-Ø4.5mm Tapered Co-Axis® (IV-DC3512d-45)

(Point 1
This corner of the drill
is to be at bone level.

Point 2
This corner of the drill
will be subcrestal.

*I Final Tapered Drill Position

PLEASE NOTE:

Site Preparation Sequence

Ø4.0mm-Ø5.0mm Tapered Co-Axis® (IV-DC4012d-50)

(Point 1
This corner of the drill
is to be at bone level.

Point 2
This corner of the drill
will be subcrestal.

*I Final Tapered Drill Position

PLEASE NOTE:

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

Pilot Drill

Pilot Drill markings

Tapered Drills

Tapered Drill markings

COD ES
D-IV4511/13/15
D-IV5011/13/15

Surgical Components

COVER SCREW
CS-DC4

HEALING ABUTMENTS
HA-DC4
HA-DC4-N2
HA-DC4-W

NOTE: TORQUE TO 10Ncm ONLY

Instrumentation

PLACEMENT TOOL
I-CON-X
I-HDC4-S/M
I-WI-DC4-S/M

CONVERTERS
I-WI-CST
I-WI-SS
I-WI-SH

DRIVERS
I-HD-22U-M

NOTE: Refer to CAT-1191 for more information on wrench insert converters.

NOTE: Most instruments are available in various lengths.
For Overdenture options refer to CAT-1189 Equator Abutments.
EXTERNAL HEX INVERTA

Straight Connection

Ø3.5mm-Ø4.5mm
Ø4.0mm-Ø5.0mm
### Implants are pre-mounted and available in lengths of:

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (in mm)</th>
<th>Coronal Ø</th>
<th>Maximum Ø</th>
</tr>
</thead>
<tbody>
<tr>
<td>IV-EX35-4510</td>
<td>L1 10.0</td>
<td>D1 3.5mm</td>
<td>D2 4.5mm</td>
</tr>
<tr>
<td>IV-EX35-4511</td>
<td>L1 11.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IV-EX35-4513</td>
<td>L1 13.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IV-EX35-4515</td>
<td>L1 15.0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Inverta External Hex Ø3.5mm-Ø4.5mm

![Implant Images](image1)

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

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>IMPLANT LENGTHS (in mm)</th>
<th>Coronal Ø</th>
<th>Maximum Ø</th>
</tr>
</thead>
<tbody>
<tr>
<td>IV-EX40-5010</td>
<td>L1 10.0</td>
<td>D1 4.0mm</td>
<td>D2 5.0mm</td>
</tr>
<tr>
<td>IV-EX40-5011</td>
<td>L1 11.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IV-EX40-5013</td>
<td>L1 13.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IV-EX40-5015</td>
<td>L1 15.0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOTE: Implant dimensions and information - page 35
Site Preparation Sequence

Ø3.5mm-Ø4.5mm Tapered (IV-EX35-45)

Site Preparation Sequence

Ø4.0mm-Ø5.0mm Tapered (IV-EX40-50)

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

**Pilot Drill**

**Pilot Drill markings**

- 15mm
- 13mm
- 11.5mm
- 10mm
- 8mm

**Tapered Drills**

- CODES
  - D-IV510/11/13/15
  - D-IV5010/11/13/15

**Tapered Drill markings**

- 9mm above top of implant
- 6mm above top of implant
- 3mm above top of implant
- Top of implant

**Surgical Components**

**COVER SCREW**

- SCNU2

**HEALING ABUTMENTS**

- TBN Ø3.6
- WBN Ø4.5

<table>
<thead>
<tr>
<th>Lengths</th>
<th>2/3/4/6/8</th>
</tr>
</thead>
</table>

**NOTE:** TORQUE TO 20Ncm

**Instrumentation**

**PLACEMENT TOOL**

- I-CON-X

**CONVERTERS**

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

**DRIVERS**

- I-CS-HD
  - Cover Screw Driver 0.9 Hex
- I-HD-22U-M
  - 1.22 Universal Hex Driver

**NOTE:** Refer to CAT-1191 for more information on wrench insert converters.

* Most instruments are available in various lengths
Prosthetic Flowchart

Direct

Healing Abutments

Impression Copings

Laboratory Analogues

Prosthetic Components

Retaining Screws

- SCNU2
- IV-EX35-45
- TBN
- IV-EX40-50
- CBNU
- WBN
- DBNS12
- LSN12
- TIB-EX-34
- CER-ZR-34-4 / 6
- SFT-EX-34
- SBN16
- CBI-EX-34
- CIA-EX-34
- Direct Abutments
- Gold
- Titanium
- PEEK
- 3 Series Screws

- TITANIUM Abutments
- DN
- 2 / 35 / 5
- 2 Series Screws

- CERAMIC Abutments
- SF-EX-34
- TIB-EX-34-C3
- SBN-17-TT
- CER-ZR-34-4 / 6
- SCANNABLE Abutments
- TIB-EX-34-C3
- TIB-NX-34-C3
- CERAMIC Abutments
- Passive Abutment
- 2 Series Screws

- PASSIVE Abutment
- TIB-EX-34-C1.5
- TIB-NX-34-C1.5
- CERAMIC Abutments
- Passive Abutment
- 1 Series Screws

Indirect

Compact Conical Abutment

- ABNMCZ
- ABNMC17d
- ABNMC21d
- HMC
- HMC17
- CMC1
- CMC2
- SF-MC-48
- GM1
- TMC1 / 5
- PKC-MC
- PA-MC-48
- Gold
- Titanium
- PEEK
- Passive Abutment
- 1 Series Screws

NOTE: For Overdenture options refer to CAT-1189 Equator Abutments.
EXTERNAL HEX INVERTA

Angled Connection

Ø3.5mm-Ø4.5mm Co-Axis®

Ø4.0mm-Ø5.0mm 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>Coronal Ø</th>
<th>Maximum Ø</th>
</tr>
</thead>
<tbody>
<tr>
<td>IV-EX3512D-4511</td>
<td>L1 11.5 L2 10.78</td>
<td>D1 3.5mm</td>
<td>D2 4.5mm</td>
</tr>
<tr>
<td>IV-EX3512D-4513</td>
<td>L1 13.0 L2 12.28</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IV-EX3512D-4515</td>
<td>L1 15.0 L2 14.28</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOTE: Implant dimensions and information - page 35
Site Preparation Sequence

Ø3.5mm-Ø4.5mm Tapered Co-Axis® (IV-EX3512d-45)

(Illustration is for 13mm implants)

*Final Tapered Drill Position

PLEASE NOTE:

Point 1
This corner of the drill is to be at bone level.

Point 2
This corner of the drill will be subcrestal.

Site Preparation Sequence

Ø4.0mm-Ø5.0mm Tapered Co-Axis® (IV-EX4012d-50)

(Illustration is for 13mm implants)

*Final Tapered Drill Position

PLEASE NOTE:

Point 1
This corner of the drill is to be at bone level.

Point 2
This corner of the drill will be subcrestal.

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

**Pilot Drill**

- D-3SPADE-IV

**Pilot Drill markings**

- 8mm
- 10mm
- 11.5mm
- 13mm
- 15mm

**Tapered Drills**

- D-IV45xx
- D-IV50xx

**Tapered Drill markings**

- Top of implant
- 3mm above top of implant
- 6mm above top of implant
- 9mm above top of implant

**CODES**

- D-IV4511/13/15
- D-IV5011/13/15

**Surgical Components**

**COVER SCREW**

- SCNU2

<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:** TORQUE TO 20Ncm

**Instrumentation**

**PLACEMENT TOOL**

- I-CON-X

**CONVERTERS**

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

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

**NOTE:** Refer to CAT-1191 for more information on wrench insert converters.

**DRIVERS**

- I-CS-HD
- I-HD-22U-M

- Cover Screw Driver
- 0.9 Hex
- 1.22 Universal Hex Driver

* Most instruments are available in various lengths
Prosthetic Flowchart

Direct

Healing Abutments

IV-EX3512D-45

Impression Copings

CBNU

Laboratory Analogues

GC-EX-34

Prosthetic Components

PKBN2h

IV-EX4012D-50

CBNU-W

DIRECT Abutments

Gold

Retaining Screws

CER-ZR-34-4 / 6

SCNU2

DN

DBNS12

2 / 3 / 5 / 5

2 Series Screws

LSN12

CERAMIC Abutments

DIAGNOSTIC Abutments

1 / 2 / 3 / 4 / 5.5

SCNU12

SFT-EX-34

TITANIUM Abutments

3 Series Screws

(Scanning Flag)

SBN16

CER-AB-34-4 / 6

CPUW

SBN-17-TT

CERAMIC Abutments

(Non-Engaging)

Passive Abutment

TITANIUM Abutments

Use 2 Series Screws

Passive Abutment

Indirect

Compact Conical Abutment

ABNMC2

HMC

1 / 2 / 3 / 4 / 5.5

Lines

ABNMC17d

CMC1

GMC1

CMC1

TMC1 / 5

CMC1

PKC-MC

SF-MC-48

PA-MC-48

PFK-MC

SF-MC-48

TMC1 / 5

Lines

GMC1

TMC1 / 5

Lines

TMC1 / 5

Lines

NOTE: For Overdenture options refer to CAT-1189 Equator Abutments.
# Torque Table for Southern Screws

## External Hex

### 2 Series Z Screws 1.22 Hex (M2)

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>TORQUE</th>
<th>Head Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSHZ2</td>
<td>DC (Deep Conical) Angled Compact Conical Abutment Screws</td>
<td>32-40 Ncm</td>
<td>2.70 mm</td>
</tr>
</tbody>
</table>

### 3 Series Z Screws 1.22 Hex (M2)

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>TORQUE</th>
<th>Head Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSHZ3</td>
<td>DC (Deep Conical) Angled Compact Conical Abutment Screws</td>
<td>32-40 Ncm</td>
<td>2.40 mm</td>
</tr>
</tbody>
</table>

Note: Screw TORQUE with PEEK Prosthetics for < Ø4.0mm implant interfaces torque to 15Ncm
≥ Ø4.0mm implant interfaces torque to 20Ncm

## DC (Deep Conical)

### 1.22 Hex<br>1.22 Hex Passive Abutment Screws

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>TORQUE</th>
<th>Head Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>TS-DC4-MC</td>
<td>DC (Deep Conical) External Hex</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TSUZ9</td>
<td>DC (Deep Conical) External Hex</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Angled Compact Conical Abutment Screws

#### DC (Deep Conical) 1.22 Hex<br>Series 9Z Screws (M2)

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>TORQUE</th>
<th>Head Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSUZ9</td>
<td>DC (Deep Conical) External Hex</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GSUZ9</td>
<td>DC (Deep Conical) External Hex</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### 1 Series Screw options

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>TORQUE</th>
<th>Head Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSU1</td>
<td>DC (Deep Conical) External Hex</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GSU1</td>
<td>DC (Deep Conical) External Hex</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Screw Head Connections

- **Hex**:
  - TSU1
  - TSH1

- **Unigrip**:
  - GSH1
  - BSH1*
    *Blackened and for laboratory use only*

**Note**: Due to design revisions, screw tips may be flat or rounded.

### 1.22 Hex Passive Abutment Screws

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>TORQUE</th>
<th>Head Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSUZ9</td>
<td>DC (Deep Conical) External Hex</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GSUZ9</td>
<td>DC (Deep Conical) External Hex</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note**: Due to design revisions, screw tips may be flat or rounded.

**Always ensure that the correct screw is used for the relevant implant and component.**

**Refer to CAT-1003 for alternative slotted 1 Series screws.**
### Drivers

<table>
<thead>
<tr>
<th>HANDHELD</th>
<th>HANDPIECE</th>
<th>WRENCH</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="I-HD-22U-S/M/L" /></td>
<td><img src="image2" alt="I-HHD-22U-S/M/L" /></td>
<td><img src="image3" alt="I-WI-22U-S/M/L" /></td>
</tr>
<tr>
<td><img src="image4" alt="I-HD-22S/M/L" /></td>
<td><img src="image5" alt="I-HHD-22S/M/L" /></td>
<td><img src="image6" alt="I-WI-22S/M/L" /></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>HANDHELD</th>
<th>HANDPIECE</th>
<th>WRENCH</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image7" alt="I-AD" /></td>
<td><img src="image8" alt="I-HAD" /></td>
<td><img src="image9" alt="I-WI-A" /></td>
</tr>
</tbody>
</table>

**Drivers for 1 Series Screws** (for Compact Conical Prosthetics)

**1.22 HEX**

<table>
<thead>
<tr>
<th>HANDHELD</th>
<th>HANDPIECE</th>
<th>WRENCH</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image10" alt="I-HD-S/M/L" /></td>
<td><img src="image11" alt="I-HHD-22S/M/L" /></td>
<td><img src="image12" alt="I-WI-22S/M/L" /></td>
</tr>
</tbody>
</table>

**NOTE:** Refer to CAT-1203 for alternative drivers

---

### Bone Mills

**DC (Deep Conical)**

<table>
<thead>
<tr>
<th>CODES</th>
<th>HANDHELD</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-HBM-DC35</td>
<td><img src="image13" alt="I-HBM-DC35" /></td>
</tr>
<tr>
<td>I-HBM-DC40</td>
<td><img src="image14" alt="I-HBM-DC40" /></td>
</tr>
</tbody>
</table>

**EXTERNAL HEX**

<table>
<thead>
<tr>
<th>CODES</th>
<th>HANDPIECE</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image15" alt="I-BNM-45" /></td>
<td><img src="image16" alt="I-BNM-45" /></td>
</tr>
<tr>
<td><img src="image17" alt="I-BNM-55" /></td>
<td><img src="image18" alt="I-BNM-55" /></td>
</tr>
</tbody>
</table>

**Bone Mill Protector Cap**

<table>
<thead>
<tr>
<th>CODES</th>
<th>HANDHELD</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image19" alt="I-BNM-CAP" /></td>
<td><img src="image20" alt="I-BNM-CAP" /></td>
</tr>
</tbody>
</table>

**NOTE:**
- Refer to CAT-1009 for more information on Bone Mills
- For Polishing Protector Caps refer to CAT-1010
**INSTRUMENT TRAY**

**I-HV-EG** for surgical placement of INVERTA Implants

- **Placement Tools DC (Deep Conical)**
  - I-HDC4-S/M Handpiece Insert
  - I-WI-DC4-S/M Wrench Insert

- **Insertion Tools**
  - I-CON-X / XS Fixture Mount (Hex) Driver with W&H

- **Cover Screw Drivers (0.9mm) (EXTERNAL HEX)**
  - I-CS-HD / L Handheld

- **Hex Drivers UNIVERSAL 1.22/1.27**
  - HD-22U-SML Handheld

- **Hex Drivers UNIVERSAL 1.22/1.27**
  - I-HDD-22U-SML Handpiece Insert

- **Dedicated INVERTA Drills**
  - Ø4.5
    - D-IIV510
    - D-IIV511
    - D-IIV513
    - D-IIV515
  - Ø5.0
    - D-IIV5010
    - D-IIV5011
    - D-IIV5013
    - D-IIV5015

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

- **Converters**
  - I-WI-C-S Handpiece to Wrench
  - I-WI-C-L

- **Compact Conical Abutment Drivers**
  - I-HAD Handpiece Insert

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

- **Converters**
  - I-WI-22U-SML Wrench Insert

- **Handpiece to Wrench**
  - I-WI-22U-SML

**Note:** Most Instruments available in Short / Medium / Long.
The surgical kit has an intuitive layout to guide the surgeon through the drill sequence. 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.
Not all products are cleared for sale in all countries.
### Implant Dimensions and Information

#### External Hex Inverta

<table>
<thead>
<tr>
<th>Range</th>
<th>Coronal Diameter</th>
<th>Connection Diameter</th>
<th>Apex Diameter</th>
<th>Thread Pitch</th>
<th>Thread Angle</th>
<th>Platform Angle</th>
<th>Coronal Platform (measured from Buccal aspect of abutment)</th>
<th>Buccal Platform</th>
</tr>
</thead>
<tbody>
<tr>
<td>IV-EX35-45</td>
<td>Ø3.5mm-Ø4.5mm</td>
<td>3.5</td>
<td>4.5</td>
<td>0.6</td>
<td>0.04</td>
<td>✓</td>
<td>0.12</td>
<td>0.04</td>
</tr>
<tr>
<td>IV-EX3512D-45</td>
<td>Ø4.0mm-Ø5.0mm</td>
<td>4.0</td>
<td>5.0</td>
<td>0.6</td>
<td>0.32</td>
<td>✓</td>
<td>0.12</td>
<td>0.52</td>
</tr>
<tr>
<td>IV-EX40-50</td>
<td>Ø4.0mm-Ø5.0mm</td>
<td>4.0</td>
<td>5.0</td>
<td>0.6</td>
<td>0.12</td>
<td></td>
<td>12°</td>
<td></td>
</tr>
<tr>
<td>IV-EX4012D-50</td>
<td>Ø4.0mm-Ø5.0mm</td>
<td>4.0</td>
<td>5.0</td>
<td>0.6</td>
<td>0.52</td>
<td></td>
<td>12°</td>
<td></td>
</tr>
</tbody>
</table>

**Connection Diameter**

- Ø3.5mm-Ø4.5mm
- Ø4.0mm-Ø5.0mm

**Apex Diameter**

- Ø3.5mm-Ø4.5mm
- Ø4.0mm-Ø5.0mm

**Coronal Diameter**

- Ø3.5mm-Ø4.5mm
- Ø4.0mm-Ø5.0mm

**Thread Pitch**

- 0.6
- 0.32

**Thread Angle**

- 0.12

**Platform Angle**

- 0.04
- 0.52

**Buccal Platform**

- 0.04
- 0.52

**Coronal Platform**

- 0.12

**Apex Diameter**

- 12°
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
6. CE mark and notified body number
7. Expiry date
8. Sterile unless package is opened or damaged

2D Bar coding
Contains the GTIN, Expiry Date and LOT Number

Patient sticker for documentation purposes
(to be used by health care provider on patient file)

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