

THINK DIGITAL 2025 EN



Smart Implant Solutions



FULL DIGITAL WORKFLOW

THINK DIGITAL 2025
PRODUCTS GUIDE

ZimVie



SwissPlus® tissue-level implantaat



straumann
RN tissue-level implantaat

Smart Implant Solutions



Authorized dealer of Smart Implant Solutions

Tel. +31 577 461927
WhatsApp +31 6 12 59 31 60
info@implacom.nl www.implacom.nl

INTRA/EXTRA-ORAL SCANBODY



A SINGLE SCANBODY FOR ALL USES

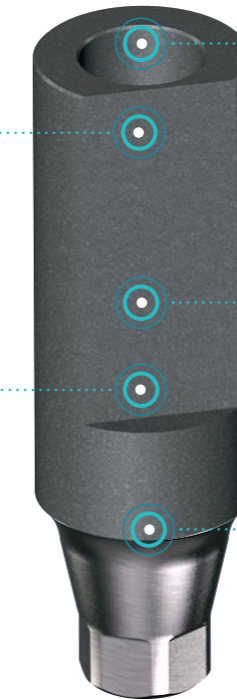
The line of Scanbodies developed by Smart Implant Solutions R&D department greatly simplifies the way of working. It serves both for intraoral scanning (clinical) and for use in cast or resin models (laboratory).

Screws not included

WIDE FLAT FACE
Wide flat face for a better best-fit and therefore a better geometry alignment with the connection.

SANDBLASTING FINISH
The sandblasting of the SIS Scanbody allows it to be perfectly read by any scanner on the market.

MAXIMUM PRECISION
in connection (8 microns).

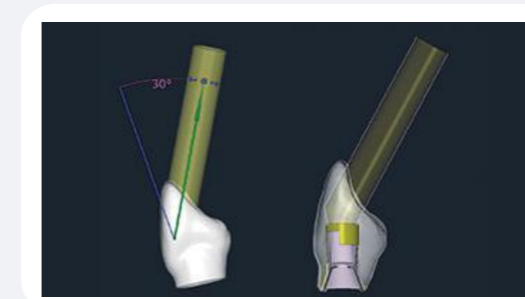
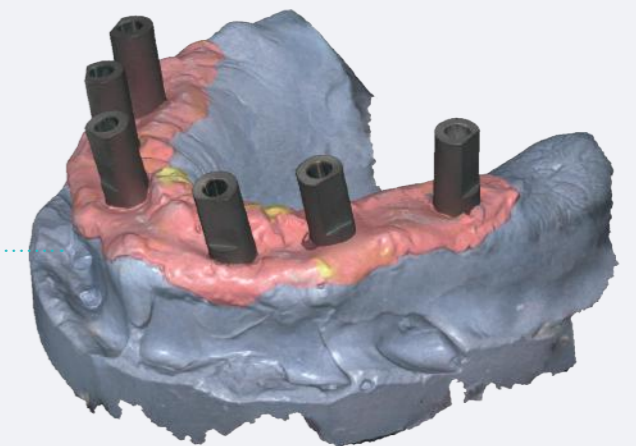
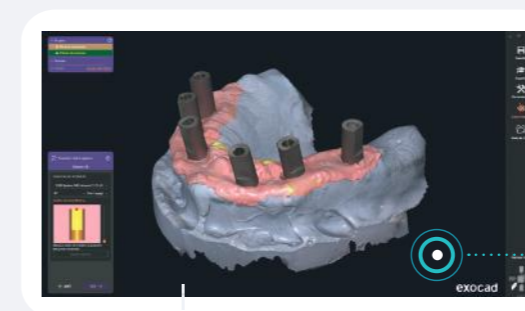


SIMILAR DIAMETER TO THE CONNECTION
Each scanbody is manufactured with the same diameter as the implant, which allows a better fit to the connection in the mouth and avoids problems with soft tissues.

RADIOPAQUE
Completely RADIOPAQUE. Perfect RX image to check the correct settlement in the implant.

MATERIAL
Body manufactured entirely in grade 5 Titanium.

SIMPLIFIES THE WAY OF WORKING



exocad 3shape dental wings

Free libraries available at:
www.smartimplantsolutions.com

DUAL USE ANALOG

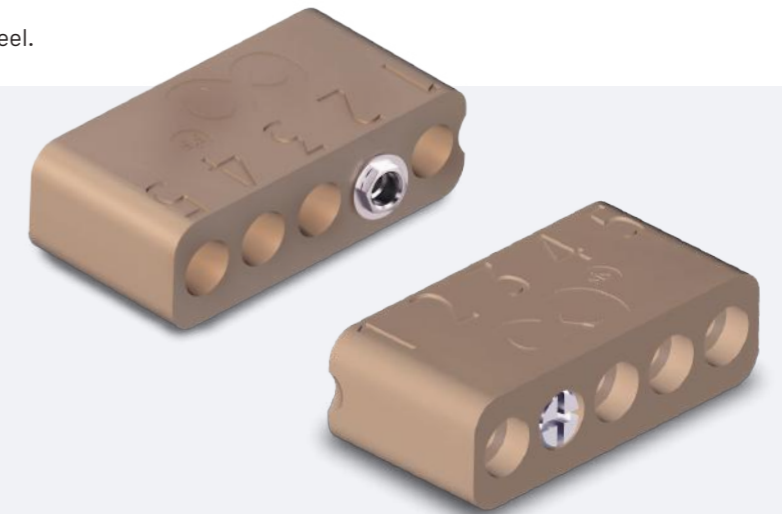


TRADITIONAL AND DIGITAL

The new analog developed by the Smart Implant Solutions R&D department reproduces the implant system connection with a unique precision.

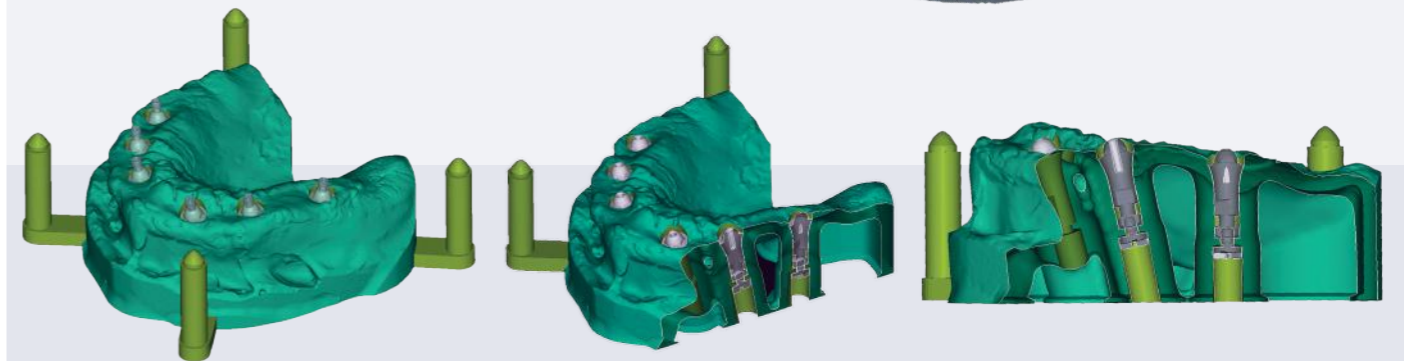
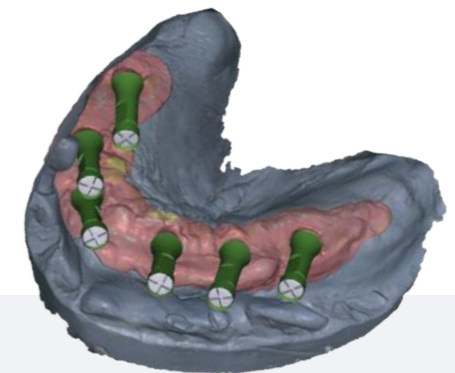
- Dual use, ready to work in traditional and digital mode.
- High precision machining.
- Reduced length, (print material savings).
- Perfect fit to the printed model.
- Reusable.
- With a printing pattern to adjust the printer in an exact way.

THE DUAL-USE, REPRODUCES THE IMPLANT SYSTEM CONNECTION WITH A UNIQUE PRECISION



Protocol.PDF

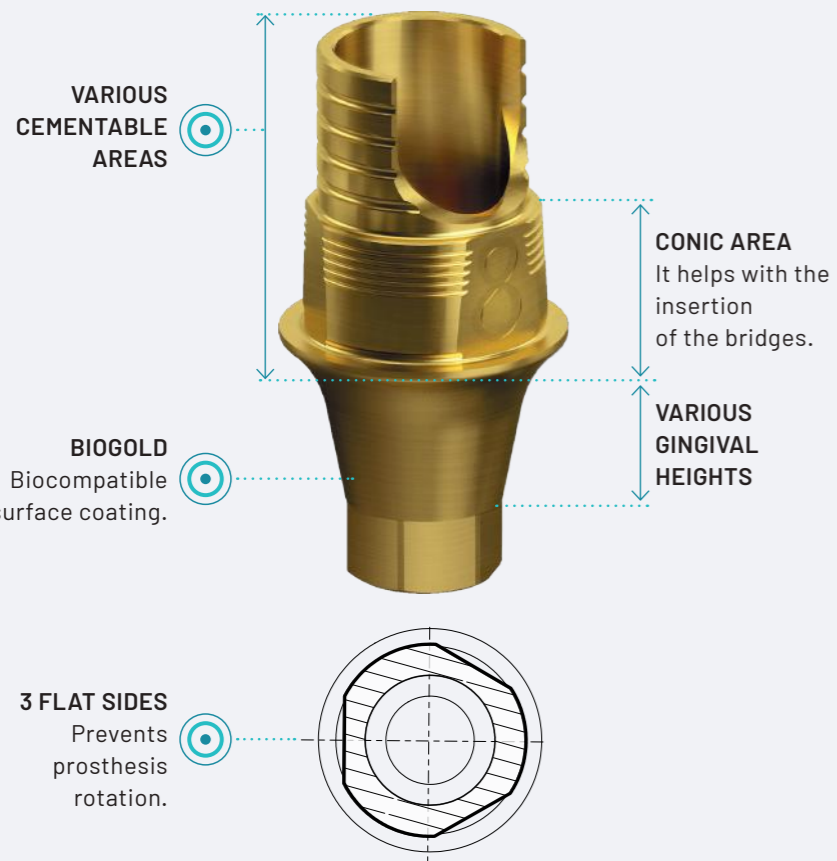
PRINTER CALIBRATION
There is a protocol to achieve perfect fit of analogs to printed model.



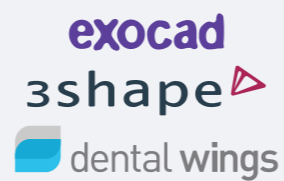
exocad 3shape dental wings

Free libraries available at: www.smartimplantsolutions.com

SMART Ti-BASES



IMPROVED PERFECT FIT



Libraries available at:
www.smartimplantsolutions.com

Ti-BASES are excluding fixation screws

SMART Ti-BASES WITH GINGIVAL HEIGHT (HG)



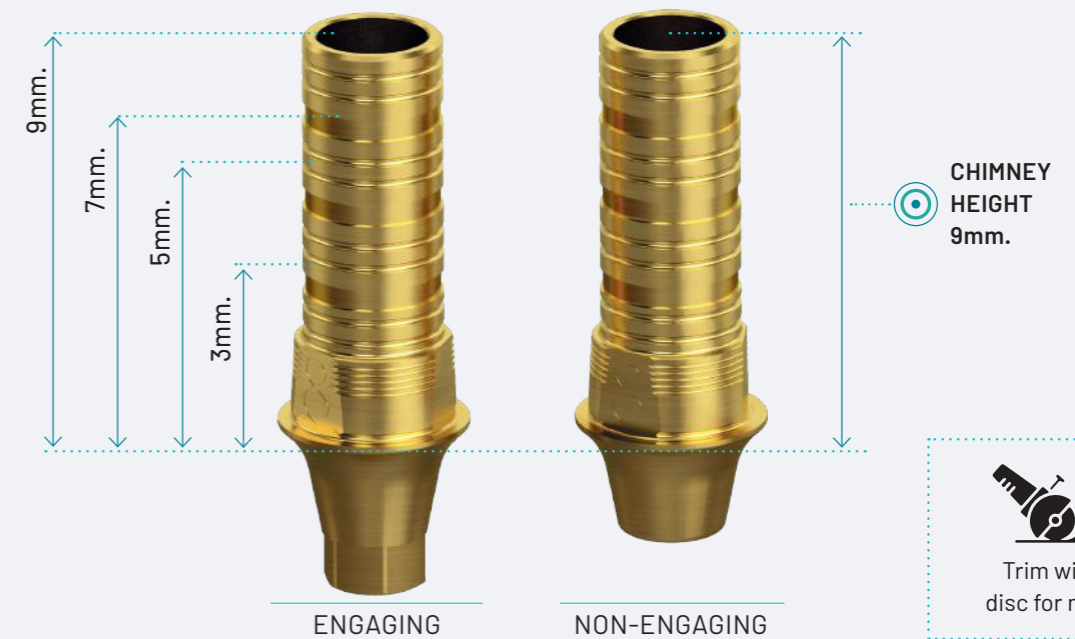
Ti-BASES are excluding fixation screws

SMART Ti-BASES WITH GINGIVAL (HG) & CEMENTATION (HC) HEIGHT 7mm.



Ti-BASES are excluding fixation screws

SMART Ti-BASES CUTTABLE (9mm.)



Ti-BASES are excluding fixation screws

Smart Product
THINK DIGITAL

SMART ANGLE

30°



THE MARKET'S SAFEST ANGLED SOLUTION

PATENTE INTERNAL BALL HEAD - ES 2577509 T3

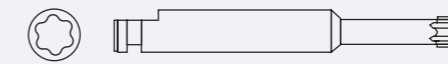
IMPROVED CONNECTION
It prevents screw crowning.

BLUE ANODIZED
It allows to make a clear distinction between a standard screw and a Smart Angle screw.

MATERIAL
Grade 5 Titanium.



Smart Implant Solutions



| SHORT | MEDIUM | LONG |
|-----------|-----------|-----------|
| (20mm) | (25mm) | (35mm) |
| SIS-9142C | SIS-9142M | SIS-9142L |



Others

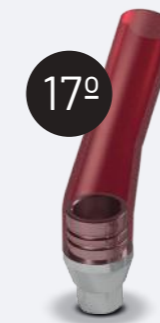


exocad
3shape
dental wings

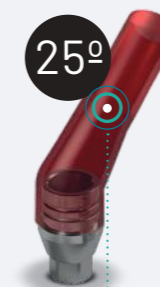
Both the Smart Ti-Bases, Cr-Co over castable and the implant libraries are ready to use with the Smart Angle screws.

ANGLED CHIMNEYS

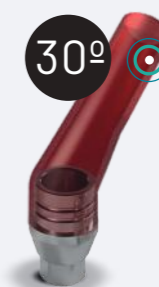
FOR Cr-Co BASE



17°



25°



30°

MATERIAL
Castable
photopolymerizable
resin.

The angled chimneys of Smart Implant Solutions are compatible with all our Cr-Co over castable.

Ti-BASES compatibility with CEREC®



MULTI-UNIT ANGLED

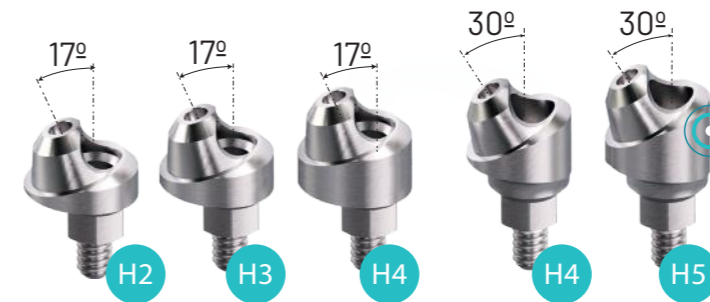


compatibility with
CEREC®

| | | Non-engaging Ti-Base | Screw |
|---|---------------|----------------------|------------|
| ASTRA® TECH OSSEOSPEED® Internal Conical | Aqua 3.5/4.0 | SIS-0512RAC | SIS-0540C |
| | Lilac 4.5/5.0 | SIS-0512WAC | SIS-0541C |
| NOBEL BIO CARE® BRANEMARK® External Hexagon | RP 3.75/4.0 | SIS-0112RAC | SIS-0160C |
| NOBEL BIO CARE® NOBELACTIVE® Internal Active | NP 3.5/3.75 | SIS-0912NAC | SIS-0915C |
| | RP 4.3/5.0 | SIS-0912RAC | SIS-0914C |
| STRAUMANN® BONE LEVEL® Internal | NC 3.3 | SIS-1112NAC | SIS-1104NC |
| | RC 4.1/4.8 | SIS-1112WAC | SIS-1104C |
| ZimVie SwissPlus® STRAUMANN® tissue-level Octogonal | RN 4.8 | SIS-0612RAC | SIS-0625C |
| ZIMMER® SCREW-VENT® Internal Hexagon | NP 3.5 | SIS-0312NAC | SIS-0351C |
| | RP 4.5 | SIS-0312RAC | SIS-0351C |

Compatible with
CEREC® Scanbody.

**Screw is included
with product.**

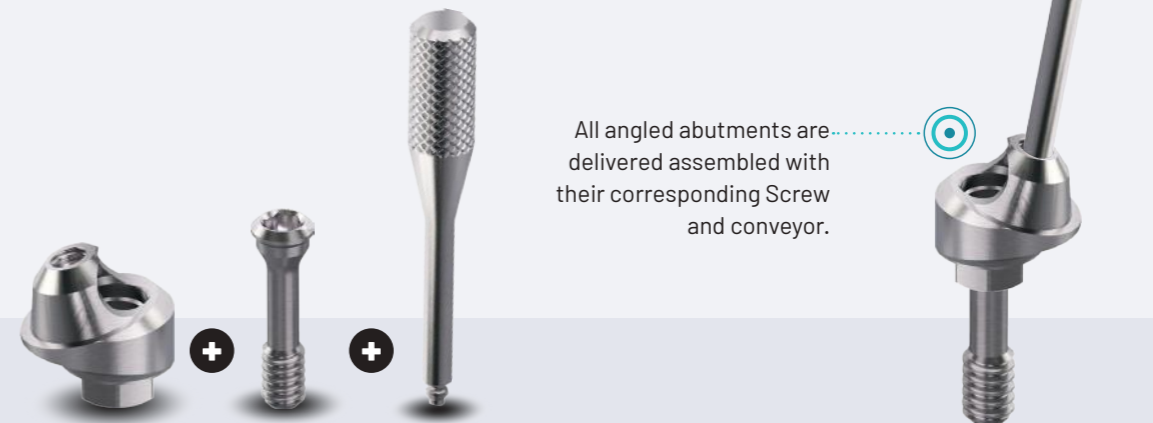


MATERIAL
Grade 5 Titanium.

***OPTIMAL FIT**

(* OPTIMAL FIT: Optimal fit with Smart Implant Solutions Multi-Unit wrenches (contra-angle, ratchet, manual...). The M1.4 thread is specially reinforced to ensure a firm screwing joint more resistant to the applied torque.

All angled abutments are delivered assembled with their corresponding Screw and conveyor.



MULTI-UNIT SIS



TRANSEPITHELIAL ABUTMENT CREATED BY SMART IMPLANT SOLUTIONS TO AVOID PERI-IMPLANTITIS

THESE ARE FOUR OF ITS MULTIPLE CHARACTERISTICS:

1. IT PROTECTS THE IMPLANT FROM BACTERIA.

The change of platform or platform switching. This means that the prosthetic or Multi-Unit abutment must be narrower to the implant in the connecting zone to grant the support of the collagen fibres in the step that would form and protect the implant from the passage of bacteria with consequent bone loss.

2. IT PREVENTS GRAYS ON THE GUM.

The abutment or Multi-Unit surface that connects to the dental implant must be anodized, which makes bacterial colonization more difficult and improves the appearance of the soft tissue, and prevents gray matter in the gingiva, which worsens dental aesthetics.


3. IT IMPROVES THE CONNECTIVE TISSUE DENSITY.

As a second point, having microretentions at the base of the abutment or Multi-Unit favors collagen brackets to get anchored to it and therefore improves connective tissue density.

4. IT FACILITATES COLLAGEN FIBERS FORMATION AROUND THE IMPLANT.

The prosthetic or Multi-Unit abutment must be convergent from the implant to the support of the dental prosthesis. This promotes the formation of circular collagen fibres around the dental implant as opposed to when the abutment is straight or divergent, in this case the collagen fibres are arranged parallel to the implant. The existence of circular collagen fibres around the implant protect the dental implant making much complicated the colonization by bacteria and therefore the periimplantitis.



| | RP | | RP |
|---|-----------|---|------------|
|  | SIS-1301 |  | SIS-1390R |
|  | SIS-1316 |  | SIS-1390RA |
|  | SIS-1310 | | |
|  | SIS-1302 |  | SIS-1304 |
|  | SIS-8888 |  | SIS-1308RA |
|  | |  | SIS-1305 |
| | |  | SIS-1330RA |
|  | SIS-1303 |  | SIS-9135 |
|  | SIS-1308 |  | SIS-9136 |
|  | | | |
|  | SIS-1313 |  | SIS-8109 |
|  | SIS-1306 | | |
|  | SIS-1311 | | |
|  | SIS-1307 |  | SIS-2012 |
|  | SIS-1307H |  | |
|  | SIS-1307A | | |
|  | |  | |
|  | SIS-1307B |  | SIS-8207A |
| | |  | SIS-8207B |
|  | SIS-1309 | | |
|  | SIS-1312 | | |

SIScator



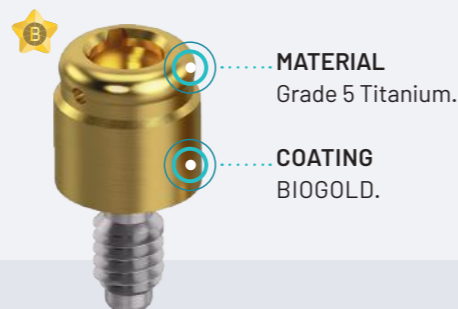
SMART IMPLANT SOLUTIONS HAS CREATED SIScator

THE SIScator ABUTMENT HAS A TiN COATING THAT OFFERS:

- Greater resistance to fatigue (up to 2400 vickers of hardness).
- It prevents the release of ions (ion leaching).
- Reduces the bacterial activity avoiding organic debris from adhering.




















THE SIScator HAS THE FOLLOWING TESTS AND CERTIFICATIONS:


- **Titanium Nitride FDA** (Food and Drug Administration).
- **Cytotoxicity:** election, 72 hours (according to FDA 21 CFR Pt. 58).
- **Sensitization:** maximization, Magnusson-Kigman method (according to ISO 10993).
- **Irritation:** intracutaneous reactivity (according to ISO 10993).

















It is recommended for use with our range of compatible products for SIScator.



| | | SIScator |
|---|--|-----------|
|  | Processing package Retentive cup: standard transparent, light pink, extralight blue, angled 20° extralight red. Processing cup (black), space washer, metal housing. | SIS-8101S |
|  | Retentive cup (standard transparent) (4 units) | SIS-8106S |
|  | Retentive cup (light pink) (4 units) | SIS-8107S |
|  | Retentive cup (extralight blue) (4 units) | SIS-8108S |
|  | Retentive cup angled 20° (standard green) (4 units) | SIS-8102S |
|  | Retentive cup angled 20° (light orange) (4 units) | SIS-8114S |
|  | Retentive cup angled 20° (extralight red) (4 units) | SIS-8103S |
|  | Processing cup (black) (4 units) | SIS-8113S |
|  | Space washer (4 units) (1) | SIS-8115S |
|  | Metal housing (4 units) (2) | SIS-8112S |
|  | SIScator analog abutment (3) | SIS-8104 |
|  | Transporter SIScator abutment (4) | SIS-8105 |
|  | SIScator impression coping abutment (5) + black button | SIS-8111 |
|  | Ratchet key Locator®/ SIScator (6) | SIS-9113 |
|  | Contra angle key Locator®/ SIScator (7) | SIS-9134 |
|  | Castable screwed for Locator®/ SIScator bar (8) | SIS-8116 |
|  | Locator® abutment/SIScator bar (9) | SIS-8117 |
|  | SIScator for Multi-Unit Allows you to correct discrepancies in the angles between implants of up to 70°. It is compatible with all Multi-Unit of Smart Implant Solutions®, straight and angled. | SIS-8109 |
|  | SIScator of Cr-Co Resilient anchor for overdenture on implants splinted with bars. The Cr-Co SIScator allows both use welding rods cast or milled as its over castable. | SIS-8110 |

| | RN 4.8 | WN 6.5 |
|--|--|------------------------------|
|  Impression coping (opened tray) Impression coping synOcta abutment (opened tray)  Torx | SIS-0601 SIS-0601RS | SIS-0601W |
|  Analog synOcta analog Analog digital fixation screw  Flat/Cross | SIS-0602 SIS-0637 SIS-8888 | SIS-0630 SIS-8888 |
|  Healing abutment H. 1.5mm Healing abutment H. 3mm Healing abutment H. 4.5mm  Torx | SIS-0604 SIS-0605 SIS-0606 | |
|  Straight abutment direct - engaging Straight abutment synOcta - engaging Angled abutment 25°  synOcta abutment  Octa abutment Provisional synOcta abutment - non-engaging Provisional abutment - non-engaging Provisional abutment - engaging | SIS-0605RA SIS-0605RSA SIS-0683R SIS-0612 SIS-0613 SIS-0629 SIS-0641 SIS-0642 | SIS-0605WA |
|  SMART Ti-Base - non-engaging Ti-Base - engaging | SIS-0608RR SIS-0608RA | SIS-0608WR SIS-0608WA |
|  Ti-Base HG 2mm - non-engaging Ti-Base HG 2mm - engaging Ti-Base HG 3mm - non-engaging Ti-Base HG 3mm - engaging Ti-Base HG 4mm - non-engaging Ti-Base HG 4mm - engaging | SIS-0608RRG2 SIS-0608RAG2 SIS-0608RRG3 SIS-0608RAG3 SIS-0608RRG4 SIS-0608RAG4 | |
|  Ti-Base HC 7mm - non-engaging Ti-Base HC 7mm - engaging | SIS-0608RRC7 SIS-0608RAC7 | |
|  Ti-Base HG 2mm HC 7mm - non-engaging Ti-Base HG 2mm HC 7mm - engaging Ti-Base HG 3mm HC 7mm - non-engaging Ti-Base HG 3mm HC 7mm - engaging Ti-Base HG 4mm HC 7mm - non-engaging Ti-Base HG 4mm HC 7mm - engaging | SIS-0608RRG2C7 SIS-0608RAG2C7 SIS-0608RRG3C7 SIS-0608RAG3C7 SIS-0608RRG4C7 SIS-0608RAG4C7 | |
|  Ti-Base HC 9mm (cuttable) - non-engaging Ti-Base HC 9mm (cuttable) - engaging | SIS-0608RRC9 SIS-0608RAC9 | SIS-0608WRC9 SIS-0608WAC9 |
|  synOcta Ti-Base - non-engaging synOcta Ti-Base - engaging | SIS-0612RSR SIS-0612RSA | |
|  Scanbody Octagon (Ti) Scanbody synOcta (Ti) | SIS-0690RN SIS-0690RS | SIS-0690WN |

| | RN 4.8 | WN 6.5 |
|---|--|--|
|  Direct castable - non-engaging Direct castable - engaging Over castable Cr-Co - non-engaging Over castable Cr-Co - engaging | SIS-0614 SIS-0615 SIS-0618 SIS-0619 | SIS-0631 SIS-0632 SIS-0630WR SIS-0630WA |
|  Castable synOcta - non-engaging Castable synOcta - engaging Over castable Cr-Co synOcta - non-engaging Over castable Cr-Co synOcta - engaging | SIS-0616 SIS-0617 SIS-0634 SIS-0635 | |
|  SIScator abutment H. 1mm SIScator abutment H. 2mm SIScator abutment H. 3mm SIScator abutment H. 4mm SIScator abutment H. 5mm SIScator abutment H. 6mm | SIS-0621 SIS-0622 SIS-0623 SIS-0626 SIS-0627 SIS-0628 | |
|  Screw direct to implant M2 (Torx) Screw synOcta (Torx) | SIS-0625 SIS-0624 | SIS-0625 SIS-0624 |
|   SCREWS WITH BIOCARB COATING Screw direct to implant M2 (Torx) Screw synOcta (Torx) | SIS-0625B SIS-0624B | SIS-0625B SIS-0624B |
|   MULTI-UNIT SIS Multi-Unit straight abutment H. 0.9mm | SIS-0640C | |
|  Multi-Unit angled abutment 17° H. 2.5mm Multi-Unit angled abutment 30° H. 3.5mm  Torx | SIS-0670RH2 SIS-0671RH3 | |
|  SMART ANGLE Screw Smart Angle Screw Smart Angle H. 3mm/4mm Screw synOcta Smart Angle | SIS-2008 SIS-2008HG SIS-2010 | SIS-2008 |
|    ANGLED CHIMNEYS WITH Cr-Co BASE Angled Chimney 17° Angled Chimney 30° | SIS-8207A SIS-8207B | SIS-8207A SIS-8207B |

Provisional abutments, scanbodies, Ti-bases are excluding fixation screws



Authorized dealer of Smart Implant Solutions

Tel. +31 577 461927

WhatsApp +31 6 12 59 31 60

info@implacom.nl www.implacom.nl