



# THE CHOICE IS YOURS



**BEGO SEMADOS® S/SC/SCX IMPLANTS**  
QUICK & FUNCTIONAL · UNIVERSAL & SUCCESSFUL  
RELIABLE & PROVEN · VARIED & SOPHISTICATED  
100% GERMAN QUALITY PRODUCT  
SIMPLE & INTUITIVE · QUICK & FUNCTIONAL  
UNIVERSAL & SUCCESSFUL · RELIABLE & PROVEN  
VARIED & SOPHISTICATED · SIMPLE & INTUITIVE

## Your tried and true system – familiar yet new

**Tailored to your patient down to the finest detail.** Various implant systems, supplemented by individual CAD/CAM fabricated prosthetic components and surgical guides as well as the BEGO Multi<sup>Plus</sup> concept – a system that provides patients with a perfectly fitting prosthesis in just one day. The exceptionally high technical standards ensure the highest level of satisfaction – for both dental implantologists and patients.

### Your benefits

- S implants – increase in the primary stability thanks to increasing core diameter with decreasing thread depth
- SC/SCX implants – preservation of the crestal bone thanks to the integrated Platform Switch
- Efficient – just one surgical tray needed
- Well thought out – cover screw included
- Freedom of choice based on preference and indication – machined implant shoulder (S or SC implants) or micro-structured shoulder (SCX implants)
- Optional – guided/template-guided preparation of BEGO Semados® S/SC/SCX implants Ø 3.25–4.5 using the BEGO Guide System
- For the most stringent quality requirements – 100% German development and production

### Technical details

- **Platform Match** (S implants) or **Platform Switch** (SC/SCX implants)
- Gap-free fit of the abutments thanks to the internal taper
- Self-tapping thread
- Manufactured from grade 4 pure titanium with ultrapure homogeneous TiPure<sup>Plus</sup> surface
- Diameters: 3.25 · 3.75 · 4.1 · 4.5 · 5.5 mm
- Lengths: 7 · 8.5 · 10 · 11.5 · 13 · 15 mm
- Diameter 5.5 mm in length 7 mm if there is not much vertical bone height available (SC/SCX only)

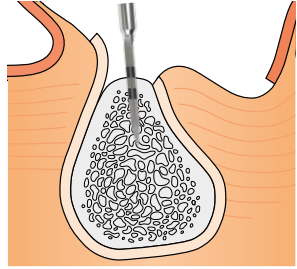
# Instructions

## BEGO Semados® S/SC/SCX-Implants

### 1 Pilot Marker (triangle drill)



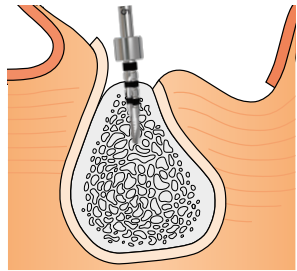
Mark the bone and carry out initial drilling for directional orientation. Check with paralleling post.



### 2 Depth drill 2.5



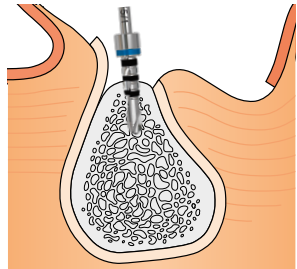
Drilling of the final implant length. Use of the drill stop possible. Control with paralleling post.



### 3 Final depth drill (based on the implant diameter)



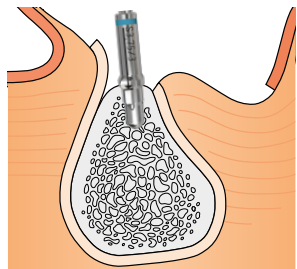
Final enlargement of the cavity. Drill stops can be used.



### 4 Countersink (optional)



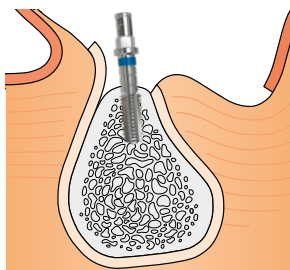
Expansion of the cortical bone.



### 5 Thread cutter (manual/automatic)



Precutting a thread in compact bone.



### 6 Manual/machine implant insertion (using the example of the SCX-Implant)

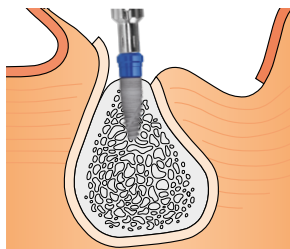
Insertion with handpiece



Manual insertion



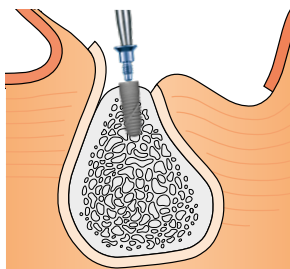
Insert the implant into the bone with the ratchet or the insertion tool used with a handpiece. (tightening torque  $\leq 50$  Ncm).



### 7 Position locking screw



Pick up the cover screw with the hexagon screwdriver, insert into the implant and hand-tighten ( $\leq 10$  Ncm).



## Drill sequence

Implant	Pilot Marker	Depth drill 2,5	Depth drill S 3,25	Tiefenbohrer S 3,75	Depth drill S 4,1	Depth drill S 4,5	Depth drill S 5,5	Countersink*	Thread cutter
S/SC/SCX 3,25	x	x	x					(x)	(x)
S/SC/SCX 3,75	x	x		x				(x)	(x)
S/SC/SCX 4,1	x	x		x	x			(x)	(x)
S/SC/SCX 4,5	x	x		x	x	x		(x)	(x)
S/SC/SCX 5,5	x	x		x	x	x	x	(x)	(x)

x = required

(x) = optional (required for  
D1 bone quality)

\*up to marking (see tip of arrow)

## Rotational speed

Product	Rotational speed max. (rpm)
• Pilot Marker/depth drill	→ 800
• Countersink	→ 800
• Thread cutter	→ 15
• Implant insertion	→ 15 (at ≤ 50 Ncm)

## Notes

Please read the instructions for use of the implant system (S-Implants REF 13109, SC/SCX-Implants REF 84418) before using the system components.

**Caution:** The development of high temperatures, e.g., as a result of insufficient cooling and/or excessive pressing forces during preparation, must absolutely be avoided when using BEGO Semados® preparation instruments. In general, ensure that the BEGO Semados® preparation instruments are applied gently and carefully.

**Caution:** If very high tightening torques (> 50 Ncm) develop, the implant must be removed and set aside, while maintaining sterility, in the primary packaging because of risk of damage to the implant or the ratchet. The implant bed must be prepared again as necessary regarding the depth, drill hole diameter, bone thread or countersink for the head.

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