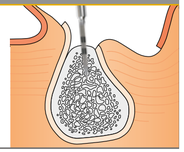
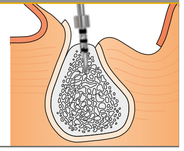
1 Pilot Marker (triangle drill)

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



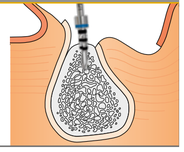
2 Depth drill 2.5

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



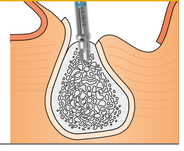
3 Final depth drill (based on the implant diameter)

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



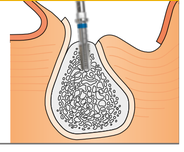
4 Countersink (optional)

Expansion of the cortical bone.



5 Thread cutter (manual / automatic)

Precutting a thread in compact bone (D1/D2).

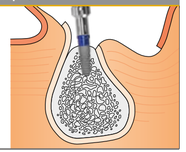


6 Manual/machine implant insertion (the SCX-Line as an example)

Machine insertion

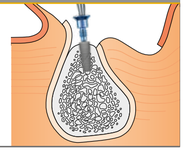
Manual insertion

Insert the implant into the bone with the ratchet or the automatic insertion tool.



7 Position locking screw

Pick up the cover screw with the hexagon screwdriver, insert into the implant and hand-tighten.



Implant diameter (in terms of mechanical capacity)

OK	3.25	–	+	–	–	–	–	–
	3.75	+	+	+	+	o	–	–
	4.1	+	+	+	+	+	+	+
	4.5	+	+	+	+	+	+	+
	5.5	+	+	+	+	+	+	+
Tooth/region		1	2	3	4	5	6	7
UK	5.5	+	+	+	+	+	+	+
	4.5	+	+	+	+	+	+	+
	4.1	+	+	+	+	+	+	+
	3.75	+	+	+	+	o	–	–
	3.25	+	+	+	–	–	–	–

– = not suitable + = suitable o = suitable with reduced masticatory forces below 150 N

Drill sequence with the BEGO Semados® S-Line Tray^{Plus}

Implant	Pilot Marker	Depth drill 2.5	Depth drill S 3.25	Depth drill S 3.75	Depth drill S 4.1	Depth drill S 4.5	Depth drill S 5.5	Countersink*	Thread cutter
S-Line 3.25	x	x	x					(x)	(x)
S-Line 3.75	x	x		x				(x)	(x)
S-Line 4.1	x	x		x	x			(x)	(x)
S-Line 4.5	x	x		x	x	x		(x)	(x)
S-Line 5.5	x	x		x	x	x	x	(x)	(x)

x = necessary (x) = optional (depending on bone quality) *up to marking (see tip of arrow)

Rotational speed

Product		rpm
• Pilot Marker / depth drill	→	800
• Countersink	→	800
• Thread cutter	→	15
• Implant insertion	→	15

BEGO Implant Systems GmbH & Co. KG
Wilhelm-Herbst-Str. 1
28359 Bremen, Germany
Tel. +49 421 2028-246
Fax +49 421 2028-265
Email info@bego-implantology.com
www.bego.com

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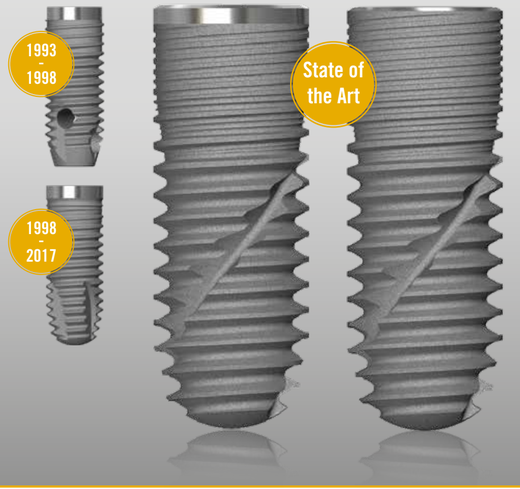
The evolution of the BEGO Semados® S-Line



Implant shoulder
Machined (SC implants) or micro-structured (SCX implants) with Platform Switch – depending on the indication and the user preference

Self-tapping thread
Increasing core diameter with decreasing thread depth for better primary stability. Progressive microthread for increased bone contact rate

Optimum cutting grooves
to better guide the bone graft into the thread base

Surface
Trusted high purity and homogeneous TiPure^{Plus}-surface

BEGO SEMADOS® S IMPLANTS HAVE BECOME SC AND SCX IMPLANTS.

Your trusted system with an improved design

BEGO Semados® SC/SCX implants: The last word in modern and cost-effective dental implantology

- Quick & functional
- Reliable & proven
- Simple & intuitive
- Universal & successful
- Varied & sophisticated
- 100% German quality product

The BEGO Semados® SC/SCX implant at a glance

- Made of pure grade 4 titanium
- Diameter: 3.25 · 3.75 · 4.1 · 4.5 · 5.5 mm
- Lengths: 7 · 8.5 · 10 · 11.5 · 13 · 15 mm
- Diameter 5.5 in length 7 mm to prevent vertical augmentations
- High purity, homogeneous TiPure^{Plus} surface
- Cylindrical implant with rounded apex to protect anatomical structures

An overview of the SC/SCX implant prosthetics connection

- Platform Switch
- Established conical internal connection with 45° conical taper and hexagon socket for anti-rotation protection
- Inner cone ensures tight fit of the restoration
- CAD/CAM customised prosthetic components made of various materials

www.bego.com/scx

Partners in Progress

BEGO