

SIC invent

Schilli
Implantology
Circle



Product Overview

Dental Implantat Systems | Biomaterials



SIC invent Around the World

What began more than 10 years ago with a small group of doctors and entrepreneurs is today a company group with a total of 31 subsidiaries and distribution partners worldwide.

Implants from Implantologists.





SIC invent



Dear Partners and Friends,

What began with a Swiss corporation became a globally active company. The concept for success is based on our company slogan "Implants from Implantologists".

The SIC "Schilli Implantology Circle" was founded at the same time as the SIC invent group. SIC is an internationally organised network of opinion leaders and users of the system, jointly responsible for a powerful SIC invent product portfolio and its reliable application on patients, based on a worldwide continuous training concept.

Virtually all system components, which you will find in this product overview, have been developed in broad agreement with the SIC "Schilli Implantology Circle". Before they are presented in this catalogue, they have obtained the necessary evidence via studies and non-interventional studies at leading universities and in the practices and clinics of SIC members.

At this point, I would like to express my sincere gratitude to all SIC members. Without this "Think Tank" and user-oriented advisory group, a premium product and training portfolio would not be possible.

The individual approach

Let us inspire and convince you, now and in the future, with our products innovations and optimisations.

I would also like to thank you for the confidence you have placed in us, and I look forward to continuing our cooperation.

Sincerely
Georg Schilli

A handwritten signature in black ink, appearing to read 'G. Schilli'.

President of the Supervisory Board
Chief Executive Officer
SIC invent AG

Schilli Implantology Circle Cooperation

Dear Partners and Friends,

Implantology has changed dentistry. It is, like the surgical joint replacement, a product of modern bone surgery. In 1958, this was completely restructured by the Arbeitsgemeinschaft für Osteosynthese (AO = Association for the Study of Osteosynthesis). Their rules also apply to us: the biomechanical principles of function provide orientation, the vitality of the bone must be preserved. The aim is the most atraumatic surgical procedure possible.

Incorporation of an implant is a biological process, and we must provide the requirements for it to take place smoothly. Every detail of our approach is therefore important. The procedure is optimised and errors are avoided by providing clear surgical protocols. But despite all the schematic optimisation every case remains an individual case. This in particular applies to the subsequent prosthetic restoration. When prosthodontics cooperates with surgery, prosthodontics dominates as it determines the function and aesthetics.

The implant system plays a major role in this process which is influenced by the individual factors of the patient. It is a standard product not only from a technical point of view but also for legal reasons. In this case, continuous optimisation is also a prerequisite for lasting success.

This is one of the tasks of the SIC "Schilli Implantology Circle". The international, interdisciplinary discussion forum integrates current theoretical and scientific research results in the implementation of practice-relevant systems and synchronises them with practical experience.

Another function of the SIC "Schilli Implantology Circle" is also to pass on this success in the form of continuous training.

We are, as are the members of the circle, very enthusiastic about implantology and want to improve the process and product through discussions with competent specialists. Disadvantages and faults as well as possible improvements and prospects are discussed at regional and an international level and scientific investigations and checks are initiated. Organisation and trust are therefore prerequisites for ensuring that everyone profits from this approach and that we can provide our patients with even more reliable and better help.

Sincerely
Prof. Dr. Wilfried Schilli



Founding Member Schilli Implantology Circle



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SIC invent Implant Systems

SICace®



■ SICace®

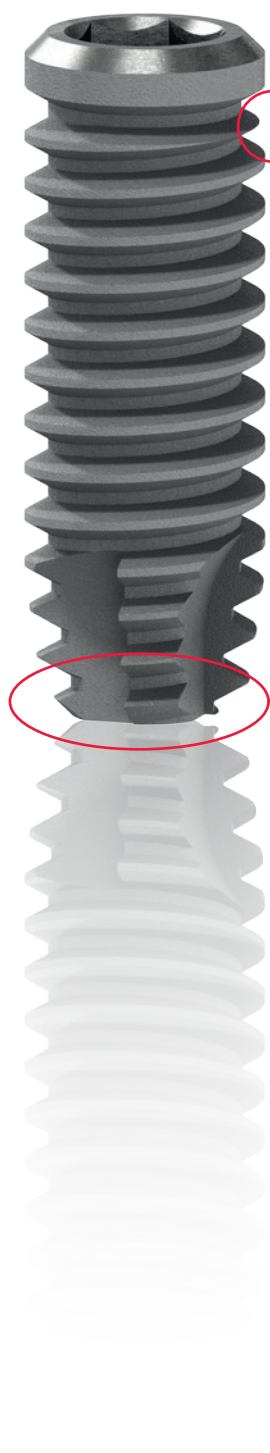
The SICace® threaded cylindrical implant is characterised by an innovative, self-tapping screw design which follows the applied and recommended values of the "Arbeitsgemeinschaft für Osteosynthese" (AO - Association for the Study of Osteosynthesis).

It is suitable for all indications in oral implantology, even difficult anatomical situations, and for use in conjunction with augmentation techniques. The SIC drill system guarantees atraumatic preparation of the implant site and, together with the thread morphology, it enables high primary stability of the implant to be achieved, regardless of bone quality. Use of the SICace® implant can be recommended unreservedly in bone of D1 to D3 quality. The microstructure and degree of purity of the "SICmatrix" SIC surface ensure secure and lasting osseointegration.

The basic cylindrical shape of the implant has a conical taper in the crestal region which generates integrated "platform switching".

The prosthesis is attached via an internal precision hexagon. The small degrees of freedom of this abutment connection in combination with long parallel-walled guide surfaces, ensure maximum stability of the implant-abutment interface and provide lasting protection against screw loosening.

This is the all-round implant with outstanding clinical long-term results



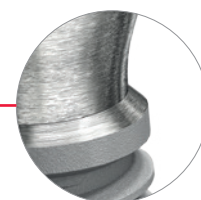
Microstructure of the SIC surface – "SICmatrix" – in combination with Grade 4 titanium guarantees reliable, long-lasting osseointegration

Self-tapping screw design for all indications in oral implantology

- SIC drill system for an atraumatic preparation of the implant site
- Basic cylindrical shape with apical conical taper for easy insertion of the implant

Integrated "platform switching" for convenient prosthetic handling

- Inner precision hex with long guide surfaces for maximum stability of the implant-abutment interface and a screw connection protected against continuous loading
- Flexible and precise prosthetic components for all indications





SICmax®

■ SICmax®

When the SICmax® threaded cylindrical implant design was developed, priority was given to its suitability for “soft bone”. It is therefore to be used preferably for bone qualities D2 to D4. The implant site is prepared with the conventional SIC drill system.

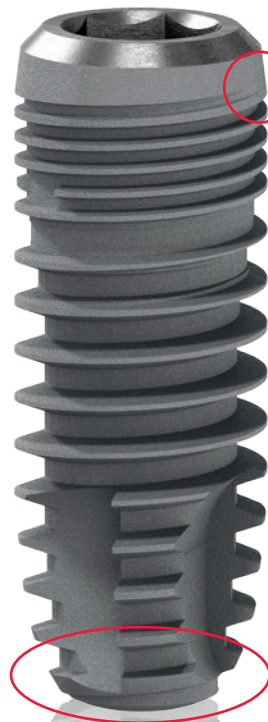
A further feature is the greatly rounded implant tip without a direct thread cut. The SICmax® implant system is therefore particularly suitable for use in the upper posterior region especially with all forms of sinus lift.

The basic shape of the implant is cylindrical as regards to the thread flanks and the upper part was designed with conical “thickening” of the threaded core with a micro thread. In conjunction with the thread morphology, this guarantees very great primary stability. As a result, the implant is also suitable for immediate implantation.

A decompression zone was incorporated in the crestal emergence area which passes over into the integrated “platform switching”. These are construction details that improve the preservation and long-term stability of the peri-implant tissue. Like the SICace® implant, the implant body has the proven “SICmatrix” surface and an identical high-precision internal hexagon connection. The SICmax® implant can be restored prosthetically with all components of the SICace® system.

The solution in soft bone

- Implant specially designed for use in “soft bone”. It is therefore to be used preferably for bone qualities D2 to D4
- The implant site is prepared just as the SICace® implant (identical surgery tray, see SIC one4all Concept™)
- **Basic cylindrical shape of the implant with crestal micro thread guarantees very great primary stability. As a result, the implant is also suitable for immediate implantation**
- **Greatly rounded implant tip without a direct thread cut for use in the upper posterior region, especially with all forms of sinus lift**
- Integrated “platform switching” for convenient prosthetic handling
- Internal precision hexagon with long parallel-walled guide surfaces for maximum stability of the implant-abutment interface and a screw connection protected against continuous loading
- Microstructure of the SIC surface – “SICmatrix” – in combination with Grade 4 titanium guarantees reliable, long-lasting osseointegration
- Restorations are feasible with all prosthetic components of the SICace® implant system, flexible and precise solutions for all indications



SIC invent Implant Systems

SICmax onepiece

■ SICmax onepiece

The SICmax onepiece threaded cylindrical implant is a reduced diameter addition to the SIC implant systems.

The SICmax onepiece implant system allows economical and minimally invasive restorations by means of an O-ring attachment or the cementable SIC Retention Attachment.

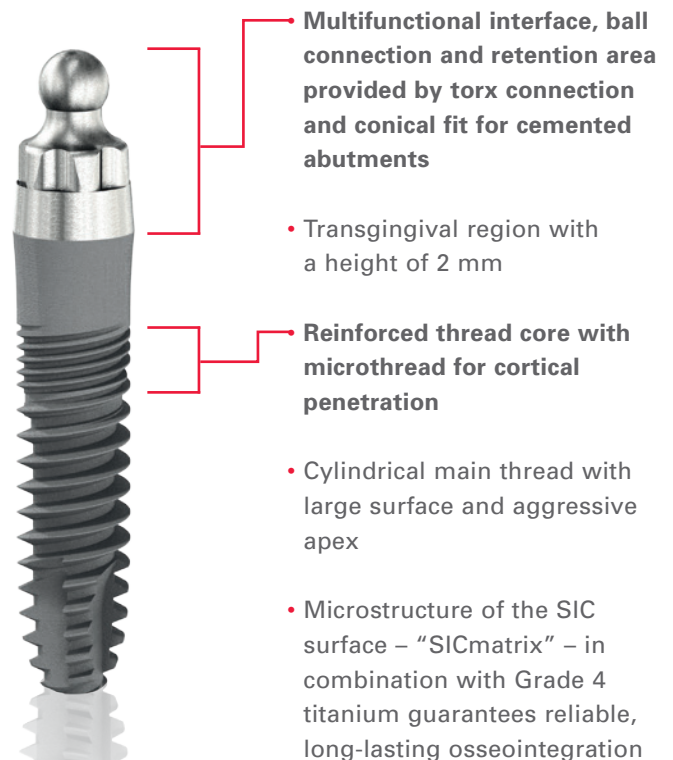
In addition, the multifunctional prosthetic interface in conjunction with the range of other prosthetic components enables restoration with fixed cemented bridges or single tooth restorations when the available space is reduced. The implant can be used especially with bone qualities D1 to D3, and the SIC "SICmatrix" surface guarantees a lasting stable implant-bone bond.

The basic form of the implant is cylindrical, and it has a "thickening" of the threaded core with a micro thread in the crestal region. The tulip-shaped gingival emergence passes over into a conical functional part which ends as a sphere to accept O-ring attachments.

The precise, anti-rotation prosthetic connection allows secure cementing of all available prosthetic superstructures and is optimised for the demands of CAD/CAM technology.



One-piece implant – Unique prosthetic flexibility



Multifunctional interface, ball connection and retention area provided by torx connection and conical fit for cemented abutments

- Transgingival region with a height of 2 mm

Reinforced thread core with microthread for cortical penetration

- Cylindrical main thread with large surface and aggressive apex
- Microstructure of the SIC surface – "SICmatrix" – in combination with Grade 4 titanium guarantees reliable, long-lasting osseointegration

SIC invent Surgical Guidelines

SICace®

SICmax®

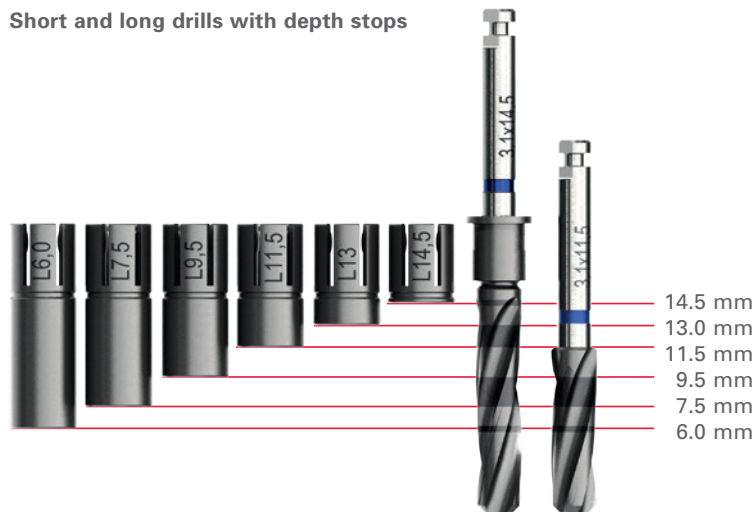
	3.4 3.7	4.0 4.2	4.5 4.7	5.0 5.2
Standard Drills	6.0 to 14.5	6.0 to 14.5	6.0 to 14.5	6.0 to 14.5
Short Drills	6.0 to 11.5	6.0 to 11.5	6.0 to 11.5	6.0 to 11.5
Pilot Drill 2.0	x	x	x	x
Ext. Drill 2.8	x	x	x	x
Ext. Drill 3.1	x			
Ext. Drill 3.25	•	x	x	x
Ext. Drill 3.75		•	x	x
Ext. Drill 4.25			•	x
Ext. Drill 4.6				•
Crestal Drill 3.3	x			
Crestal Drill 3.75		x		
Crestal Drill 4.25			x	
Crestal Drill 4.75				x
Bone Tap 3.4	(x)			
Bone Tap 4.0		(x)		
Bone Tap 4.5			(x)	
Bone Tap 5.0				(x)

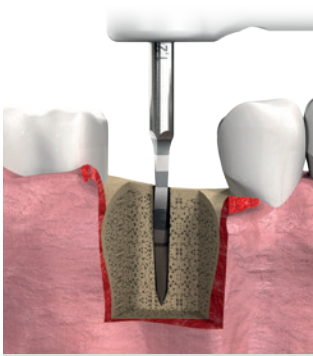
(x) = optional, according to bone quality
 • = in case of very hard bone

SICace® 6.0 mm Short Implants

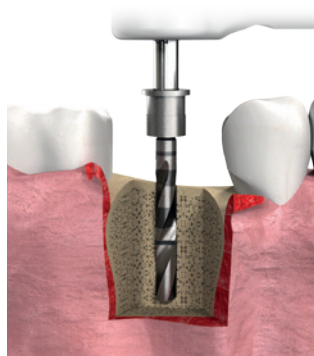
	4.0	4.5	5.0
Standard Drills	6.0 to 14.5	6.0 to 14.5	6.0 to 14.5
Short Drills	6.0 to 11.5	6.0 to 11.5	6.0 to 11.5
Pilot Drill 2.0	x	x	x
Ext. Drill 2.8	x	x	x
Ext. Drill 3.1	x		
Ext. Drill 3.25		x	x
Reamer 4.0	x		
Ext. Drill 3.75			x
Reamer 4.5		x	
Reamer 5.0			x

Short and long drills with depth stops

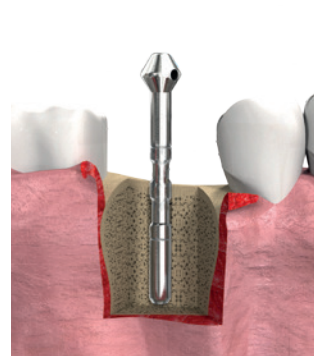




1 Marking Drilling:
After detaching the mucosa, the implant site is spot drilled using the marking drill. The drilling depth is variable and is maximum the length of the implant. Speed max. 800 rpm.



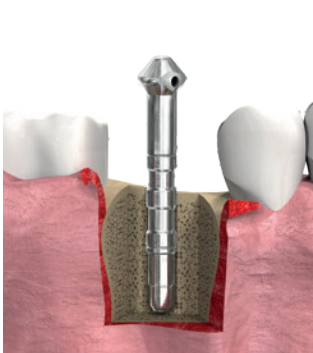
2 Pilot Drilling:
Using the \varnothing 2.0 mm pilot drill, the implant length and axial alignment are then determined. The drilling depth can be checked optically using the depth markings on the drills or using the optional depth stop system. Speed max. 800 rpm.



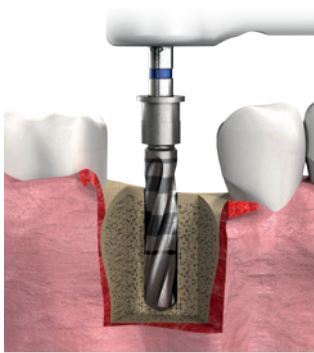
3 Depth Measurement:
Check of the preparation depth and axial alignment using the \varnothing 2.0 mm depth gauge.



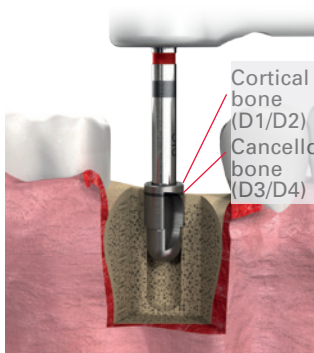
4 Initial Extension Drilling:
The pilot drill hole is extended using the "Smart Drill" \varnothing 2.8 mm extension drill. The axial alignment can still be slightly adjusted at this stage. Speed max. 800 rpm.



5 Axial Alignment:
Check of the axial alignment using the \varnothing 2.8 mm depth gauge.



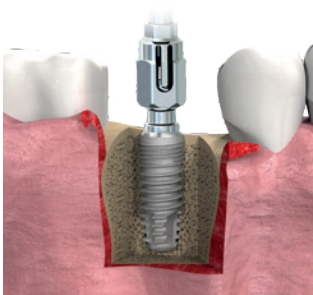
6 Further Extension Drilling:
The use of the respective SIC \varnothing 3.1 / 3.25 / 4.25 / 4.6 mm extension drills depends on the planned implant diameter (see overview top left). Speed max. 800 rpm. (We recommend a lower speed with each of the last extension drills. Below 60 rpm external cooling using a chilled, sterile, physiological saline solution (NaCl) or ringer solution is no longer required.)



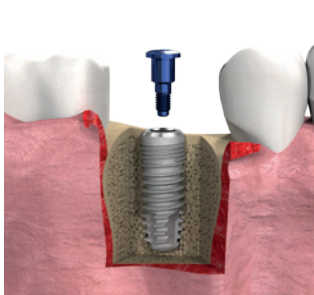
7 Crestal Drill:
The depth of drilling depends on the bone quality (see graphic). Speed max. 650 rpm. (We recommend a lower speed when using the crestal drill. Below 60 rpm external cooling using a chilled, sterile, physiological saline solution (NaCl) or ringer solution is no longer required.)



8 Bone Tap:
An initial thread should be cut in cases with highly cortical bone structures (D1/D2). The depth of the thread cut is normally half the length of the implant. The thread can be tapped manually or using a handpiece. Speed max. 35 rpm.



9 Implant Placement
The implant insertion is performed with the insertion tool for angle piece, direct (max. 25 rpm) or additionally with the TR insertion tool and torque ratchet until it is flush with the bone level.



10 Implant Closure:
Finally the implant is sealed using the cover screw and saliva-proof wound closure.

7 Caution (replaces step 7 and step 8 in the standard protocol)
With SICace[®] 6.0 mm short implants, the reamer will be used as final drill. Speed max. 800 rpm. The use of bone taps is omitted. (We recommend a lower speed when using the respective last extension drill and below 60 rpm external cooling using a chilled, sterile, physiological saline solution (NaCl) or ringer solution is no longer required.)



Align buccally

Caution:
The final position of the implant should always be aligned so that a corner of the outer hex of the insertion tool and implant insertion post faces buccally.

SIC invent Surgical Guidelines

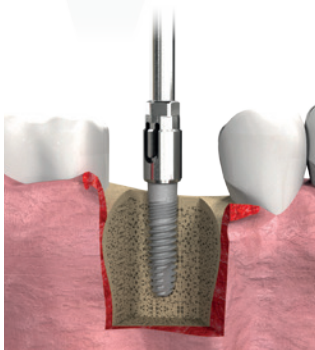
**SICmax
onepiece**



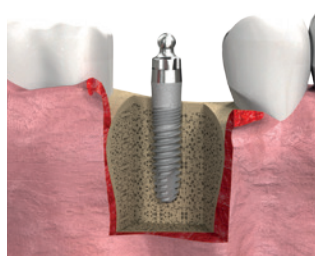
1 Pilot Drilling:
After making a flap and marking the implant location, the Ø 2.0 mm pilot drill is to be used to establish the implant length and alignment.



2 Extension Drill optional:
Optional: With highly cortical bone structures (D1/D2), the first drilling step should also be drilled using Ø 2.5 mm of the extension drill "Smart Drill" Ø 2.8 mm. In case of very dense bone, the final diameter of 2.8 mm can also be used to a maximum of the first depth groove of the drill at 7.5 mm. Max. speed 800 rpm.

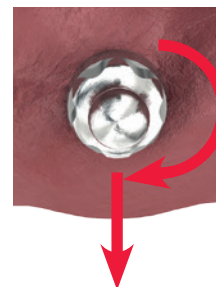


3 Insertion:
The implant insertion is performed with the insertion tool for angle piece, direct (max. 25 rpm) or additionally with the TR insertion tool and torque ratchet until the bottom edge of the instrument has reached the desired gingival level. The optimum gingival niveau and insertion depth are to be defined preoperative and dependent on the planned prosthetic solution.



4 Prosthetic Restoration:
There are a variety of options for prosthetic restoration available from O-Ring Attachment for fixation of fixed-removable restorations to cementable abutments or even customized CAD/CAM superstructures.

Align
bucally



Caution:
The final position of the implant should always be aligned so that the clip of the insertion tool faces buccally.

SIC invent Prosthetic Guideline



Gingiva Shaper

- cylindrical
- concave anterior
- concave posterior



Impression Technique

- Reposition/Open Tray Technique



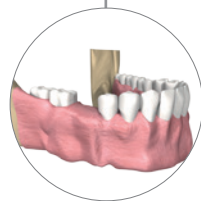
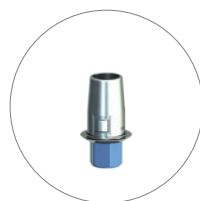
SIC P2F Abutment
Dr. Galip Gurel
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Standard Abutments
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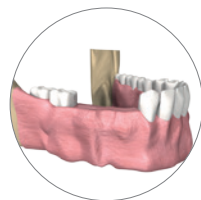
CAD/CAM Abutments
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"Flex Star" Abutments
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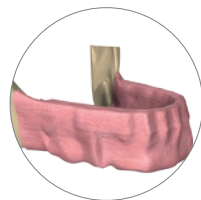
"Flex Star" (bridge) Abutments
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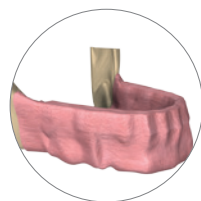
Single-tooth restoration



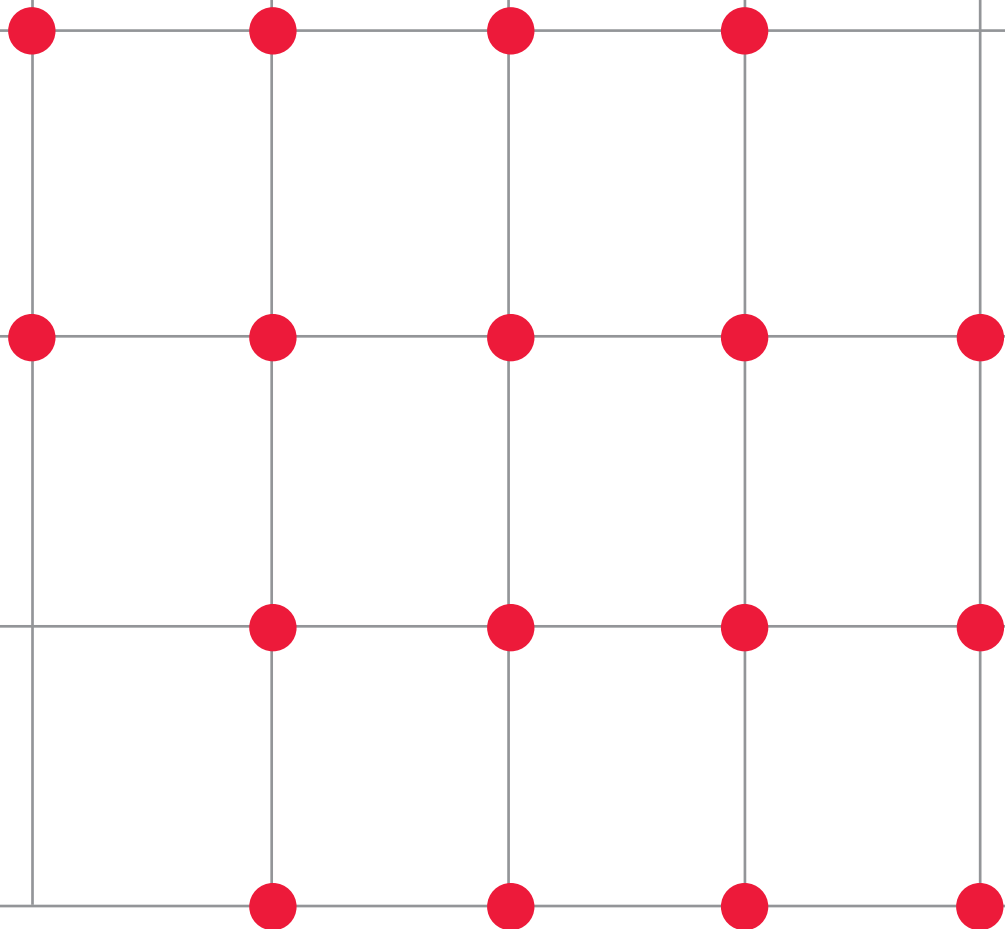
Bridgework



Complete Resoration non-removable



Complete Restoration removable



Tightening Torque	
Gingiva shaper	5 Ncm (hand tight)
Impression post	5 Ncm (hand tight)
All Fixation Screws and Attachments	20 Ncm
SIC Fixation Post "Safe on Four" with hex 2.4 mm	30 Ncm

**Multi-Unit
Abutment
System
"Safe on Four"**
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**"White Star"
Abutments**
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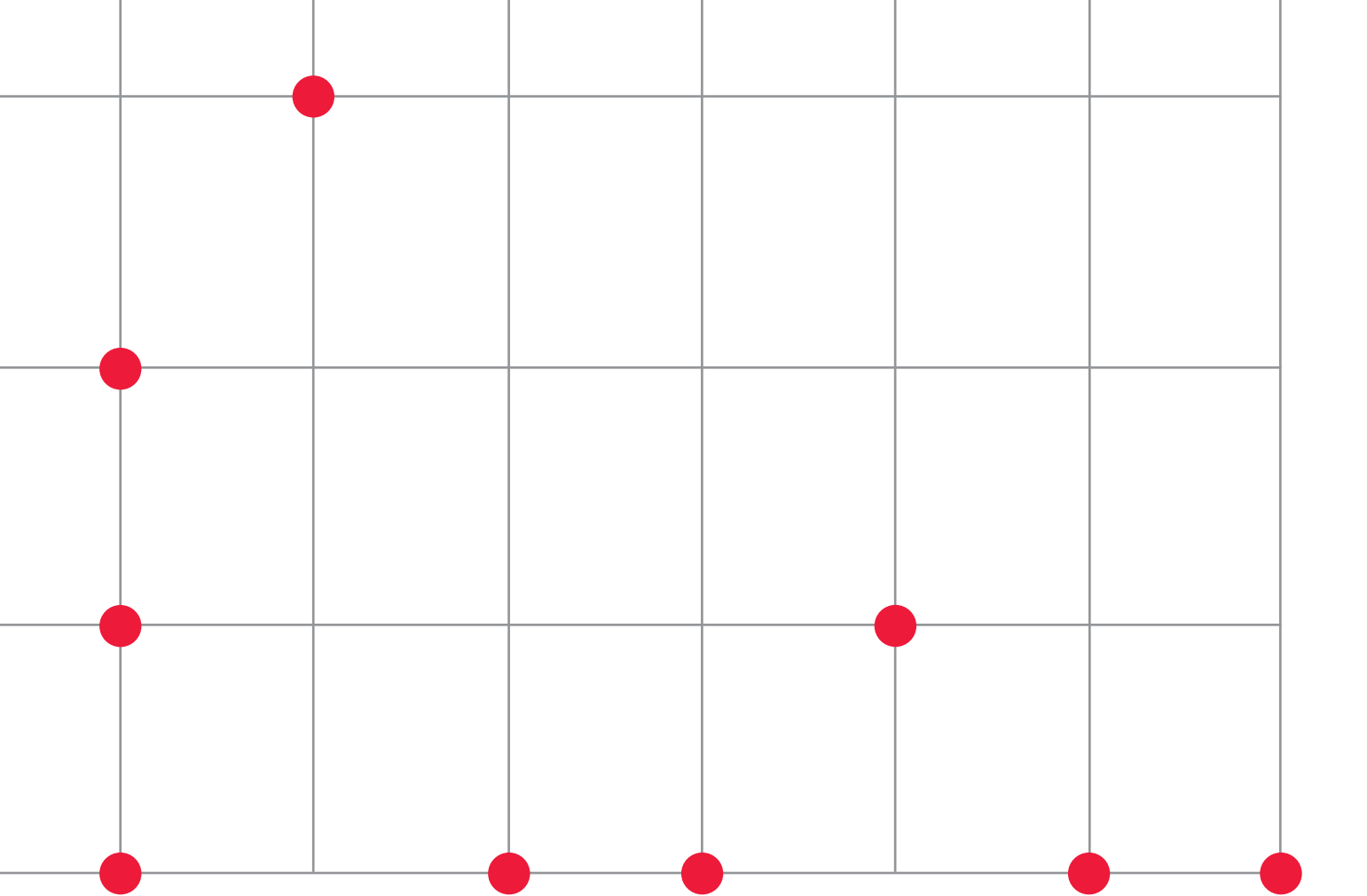
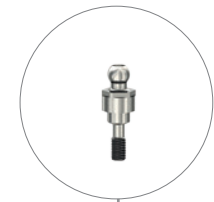
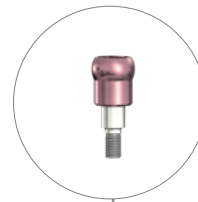
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Attachments**
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R-Tx**
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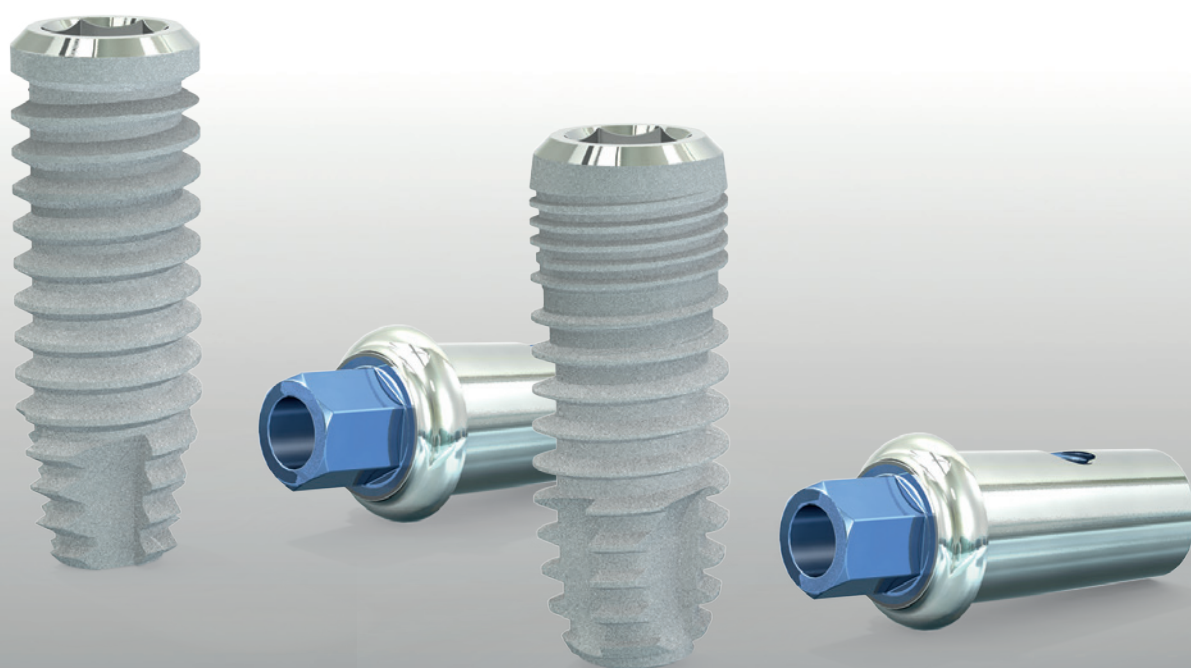
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F-Tx**
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**Steco
Magnet
Attachment**
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**Ball and
Socket
Attachments**
p. 50



Implants



SICace® p. 20

SICmax® p. 20

SIC Cover Screws p. 21






SIC one4all Concept™

All three SIC invent implant lines are compatible with the instruments of the SIC Surgical Tray. With this "SIC one4all Concept™", we meet the demands of the dental practitioner for ease of use and cost-effectiveness.

Implants

SICace®






SICace Screw Implants incl. Cover Screw

Diameter	 Ø 3.4 mm	 Ø 4.0 mm	 Ø 4.5 mm	 Ø 5.0 mm
Material: Titanium Grade 4				
Ø Prosthetic connection [mm]	3.3		4.2	
Geometry of the connection [mm]	Inner Hex 2.3			
Length [mm]	Art. No.			
6.0*		935140	935141	935142
7.5	935182	935183	935150	935184
9.5	935170	935174	935151	935178
11.5	935171	935175	935152	935179
13.0	935172	935176	935153	935180
14.5	935173	935177	935154	935181







*Please consider the differing drilling protocol on page 12.

SICmax®

SICmax Screw Implants incl. Cover Screw

Diameter	 Ø 3.7 mm	 Ø 4.2 mm	 Ø 4.7 mm	 Ø 5.2 mm
Material: Titanium Grade 4				
Ø Prosthetic connection [mm]	3.3		4.2	
Geometry of the connection [mm]	Inner Hex 2.3			
Length [mm]	Art. No.			
6.0		935265	935266	935267
7.5	935270	935275	935285	935280
9.5	935271	935276	935286	935281
11.5	935272	935277	935287	935282
13.0	935273	935278	935288	935283
14.5	935274	935279	935289	935284

Cover Screws

SIC "Augmentation Plus" Cover Screw		incl. SIC "Augmentation Plus" Fixation Screw		
Compatible with	 SICace Ø 3.4 mm SICmax Ø 3.7 mm	 SICace Ø 4.0 mm SICmax Ø 4.2 mm	 SICace Ø 4.5 mm SICmax Ø 4.7 mm	 SICace Ø 5.0 mm SICmax Ø 5.2 mm
Material: Titanium Grade 5				
Ø Implant connection [mm]	3.3		4.2	
Diameter [mm]	3.3		4.2	
Total height [mm]	2.4			
Geometry of the connection [mm]	cylindrical 2.25			
	Art. No.			
	935115		935116	

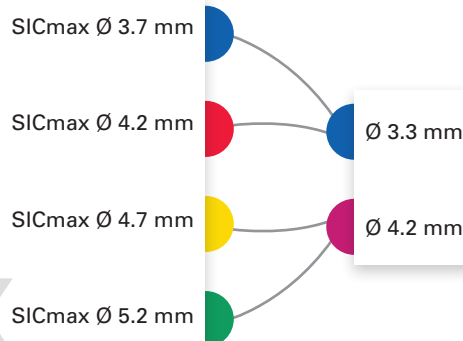
Prosthetics

SICace



Prosthetics

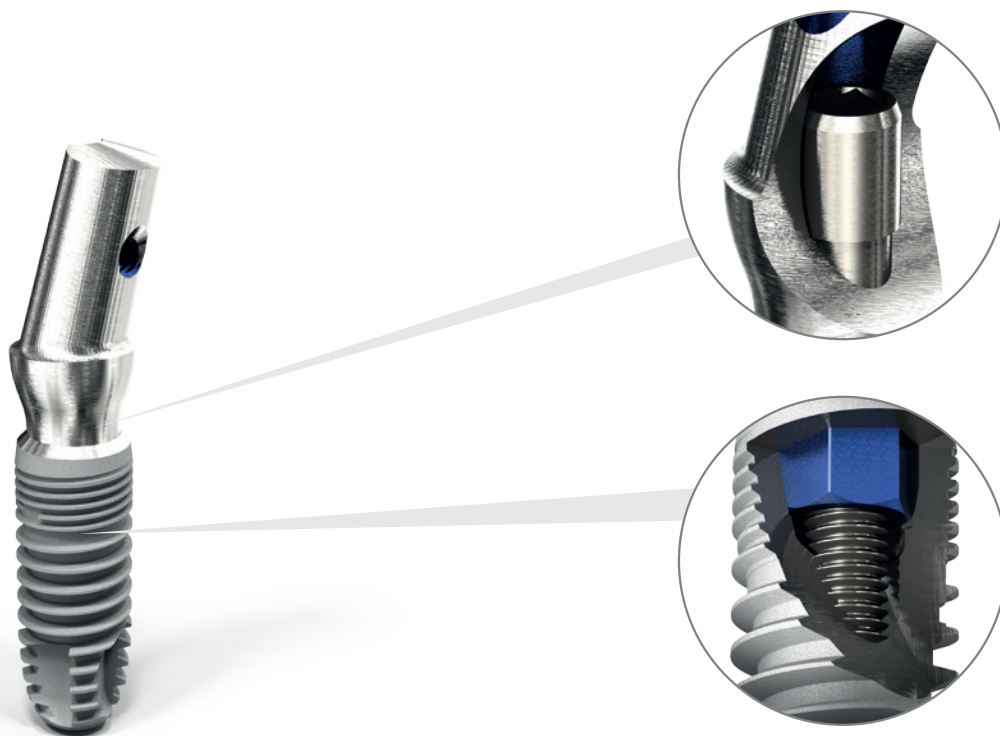
SICmax



Prosthetics

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SIC Surgical / Prosthetic Concept

The inner geometry of the implant is designed as a **precision inner hex** for fitting the abutment components and other system components. The hex features long guide surfaces and the ultimate in manufacturing precision. Another feature is the comparatively long retention screw with a diameter of 1.6 mm. The high, flexible initial tension of the screw reliably prevents it loosening and, combined with the quality characteristics of the hex, ensures reliable retention of the abutment components with outstanding long-term stability. The uniform tightening torque for all retention screws is 20 Ncm.

2-part SIC implants have **platform switching** in the form of a 45° angled, conical implant shoulder. The abutment components are fitted in the prosthetic implant connection diameter.






The assignment between implant and prosthetic diameter is illustrated in the overview on the left.

Material data sheets for all prosthetic abutments are available for downloading in the internet at www.sic-invent.com.

Gingiva Shapers

SIC Gingiva Shapers Ø 3.3 mm – cylindrical



Diameter implant connection 3.3 mm

Compatible with	SICace Ø 3.4 mm SICmax Ø 3.7 mm			SICace Ø 4.0 mm SICmax Ø 4.2 mm	
Material: Titanium Grade 5					
Ø Prosthetics [mm]	3.3				
Gingival height [mm]	2.0	3.0	4.0	5.0	7.0
	Art. No.				
	935023	935024	935026	935025	935027*

*Please note: This gingiva shaper should mainly be used for bite registration.

SIC Gingiva Shapers Ø 3.3 mm – concave, anterior

Diameter implant connection 3.3 mm

Compatible with	SICace Ø 3.4 mm SICmax Ø 3.7 mm			SICace Ø 4.0 mm SICmax Ø 4.2 mm		
Material: Titanium Grade 5						
Ø Prosthetics [mm]	4.3					
Gingival height [mm]	1.0	2.0	3.0	4.0	5.0	7.0
	Art. No.					
	935061	935062	935063	935065	935064	935066

SIC Gingiva Shapers Ø 3.3 mm – concave, posterior

Diameter implant connection 3.3 mm

Compatible with	SICace Ø 3.4 mm SICmax Ø 3.7 mm			SICace Ø 4.0 mm SICmax Ø 4.2 mm	
Material: Titanium Grade 5					
Ø Prosthetics [mm]	5.3				
Gingival height [mm]	1.5	3.0	4.0	5.0	7.0
	Art. No.				
	935080	935081	935087	935082	935091

SIC Gingiva Shapers Ø 4.2 mm – cylindrical

Diameter implant connection 4.2 mm

Compatible with	SICace Ø 4.5 mm SICmax Ø 4.7 mm			SICace Ø 5.0 mm SICmax Ø 5.2 mm	
Material: Titanium Grade 5					
Ø Prosthetics [mm]	4.2				
Gingival height [mm]	2.0	3.0	4.0	5.0	7.0
Art. No.					
	935074	935075	935073	935079	935071*

***Please note: This gingiva shaper should mainly be used for bite registration.**

SIC Gingiva Shapers Ø 4.2 mm – concave, anterior

Diameter implant connection 4.2 mm





Compatible with	SICace Ø 4.5 mm SICmax Ø 4.7 mm			SICace Ø 5.0 mm SICmax Ø 5.2 mm	
Material: Titanium Grade 5					
Ø Prosthetics [mm]	5.3				
Gingival height [mm]	1.0	2.0	3.0	4.0	7.0
Art. No.					
	935069	935076	935077	935072	935078

SIC Gingiva Shapers Ø 4.2 mm – concave, posterior

Diameter implant connection 4.2 mm

Compatible with	SICace Ø 4.5 mm SICmax Ø 4.7 mm			SICace Ø 5.0 mm SICmax Ø 5.2 mm	
Material: Titanium Grade 5					
Ø Prosthetics [mm]	6.3				
Gingival height [mm]	1.5	3.0	4.0	5.0	7.0
Art. No.					
	935088	935083	935089	935084	935090

Impression Technique





SIC Impression Technique		SIC Transfer Abutment Ø 3.3 mm, reposition (incl. SIC Standard Fixation Screw and Transfer Cap Ø 3.3 mm)	
Compatible with	 SICace Ø 3.4 mm SICmax Ø 3.7 mm	 SICace Ø 4.0 mm SICmax Ø 4.2 mm	
Material: Titanium Grade 5			
Ø Implant connection [mm]	3.3		
Gingival height [mm]	4.0	7.0	
Specific height/length [mm]	8.8	11.8	
Geometry of the connection [mm]	Hex 2.3		
	Art. No.		
	936134	936033	

Accessories

**SIC Transfer Caps Ø 3.3 mm,
5 pieces**
Material: POM



	Art. No.
	936030







SIC Impression Technique		SIC Transfer Abutment Ø 4.2 mm, reposition (incl. SIC Standard Fixation Screw and Transfer Cap Ø 4.2 mm)	
Compatible with	 SICace Ø 4.5 mm SICmax Ø 4.7 mm	 SICace Ø 5.0 mm SICmax Ø 5.2 mm	
Material: Titanium Grade 5			
Ø Implant connection [mm]	4.2		
Gingival height [mm]	4.0	7.0	
Specific height/length [mm]	8.8	11.8	
Geometry of the connection [mm]	Hex 2.3		
	Art. No.		
	936023	936042	







Accessories

**SIC Transfer Caps Ø 4.2 mm,
5 pieces**
Material: POM









	Art. No.
	936031

SIC Impression Technique		SIC Transfer Abutment Ø 3.3 mm, Open Tray Technique (incl. SIC Fixation Screw)			
Compatible with		 SICace Ø 3.4 mm SICmax Ø 3.7 mm	 SICace Ø 4.0 mm SICmax Ø 4.2 mm		
Material: Titanium Grade 5					
	incl. SIC Fixation Screw 17.5 mm	incl. SIC Fixation Screw 22.5 mm	incl. SIC Fixation Screw 22.5 mm	incl. SIC Fixation Screw 27.5 mm	
Ø Implant connection [mm]	3.3				
Specific height/length [mm]	9.8		13.8		
Geometry of the connection [mm]	Hex 2.3				
	Art. No.				
	936201	936207	936211	936212	

SIC Impression Technique		SIC Transfer Abutment Ø 4.2 mm, Open Tray Technique (incl. SIC Fixation Screw)			
Compatible with		 SICace Ø 4.5 mm SICmax Ø 4.7 mm	 SICace Ø 5.0 mm SICmax Ø 5.2 mm		
Material: Titanium Grade 5					
	incl. SIC Fixation Screw 17.5 mm	incl. SIC Fixation Screw 22.5 mm	incl. SIC Fixation Screw 22.5 mm	incl. SIC Fixation Screw 27.5 mm	
Ø Implant connection [mm]	4.2				
Specific height/length [mm]	9.8		13.8		
Geometry of the connection [mm]	Hex 2.3				
	Art. No.				
	936203	936208	936216	936217	

Prosthetics

SIC Fixation Screws for Transfer Abutments for Open Tray Technique







Compatible with	 SICace Ø 3.4 mm SICmax Ø 3.7 mm	 SICace Ø 4.0 mm SICmax Ø 4.2 mm	 SICace Ø 4.5 mm SICmax Ø 4.7 mm	 SICace Ø 5.0 mm SICmax Ø 5.2 mm
Material: Titanium Grade 5				
Total height [mm]	17.5	22.5	27.5	
Specific height/length [mm]	3.0	8.0	13.0	
Geometry of the connection [mm]	Torx Ø 2.8 and Inner Hex 1.22			
	Art. No.			
	936525	936527	936526	

SIC Insertion Tool

(manual use)




Compatible	for SIC Fixation Screw, for Transfer Abutment, Open Tray Technique
Material: stainless steel for surgical devices	
Diameter [mm]	7.5
Total height [mm]	6.0
Geometry of the connection [mm]	Torx Ø 2.8
	Art. No.
	937042

SIC Lab Implants

Compatible with	 	 
Material: stainless steel for surgical devices		
Diameter [mm]	3.4	5.0
Ø Prosthetics [mm]	3.3	4.2
Total height [mm]	11.5	
Geometry of the connection [mm]	Hex 2.3	
	Art. No.	
	936133	936232




Abutments




SIC P2F Abutment Dr. Galip Gurel

SIC P2F Abutment Dr. Galip Gurel		
Ø 3.3 mm, round (incl. SIC Standard Fixation Screw)		
Compatible with	● ●	
Material: PEEK OPTIMA®		
Ø Prosthetics [mm]	3.3	
Gingival height [mm]	2.0	4.0
Art. No.		
	935750*	935751*









Prosthetics






SIC P2F Abutment Dr. Galip Gurel		
Ø 3.3 mm, triangle (incl. SIC Standard Fixation Screw)		
Compatible with	● ●	
Material: PEEK OPTIMA®		
Ø Prosthetics [mm]	3.3	
Gingival height [mm]	2.0	4.0
Art. No.		
	935752*	935753*

SIC P2F Abutment Dr. Galip Gurel		
Ø 3.3 mm, oval (incl. SIC Standard Fixation Screw)		
Compatible with	● ●	
Material: PEEK OPTIMA®		
Ø Prosthetics [mm]	3.3	
Gingival height [mm]	2.0	4.0
Art. No.		
	935754*	935755*

* The abutment is clicked onto the SIC CEREC bonding base



Abutments, incl. Standard Fixation Screw

SIC Standard Abutments, anterior, straight		Ø 3.3 mm (incl. SIC Standard Fixation Screw)		
Compatible with	 SICace Ø 3.4 mm SICmax Ø 3.7 mm	 SICace Ø 4.0 mm SICmax Ø 4.2 mm		
Material: Titanium Grade 5				
Ø Implant connection [mm]	3.3			
Ø Prosthetics [mm]	4.4			
Mod. height [mm]	7.0			
Specific height [mm]	8.0	9.0	10.0	12.0
Gingival height [mm]	1.0	2.0	3.0	5.0
Geometry of the connection [mm]	Hex 2.3			
	Art. No.			
	936163	935800	936153	935801

SIC Standard Abutments, anterior, 15° angle		Ø 3.3 mm (incl. SIC Standard Fixation Screw)		
Compatible with	 SICace Ø 3.4 mm SICmax Ø 3.7 mm	 SICace Ø 4.0 mm SICmax Ø 4.2 mm		
Material: Titanium Grade 5				
Ø Implant connection [mm]	3.3			
Ø Prosthetics [mm]	4.4			
Mod. height [mm]	7.0			
Specific height [mm]	8.0	10.0	12.0	
Gingival height [mm]	1.0	3.0	5.0	
Geometry of the connection [mm]	Hex 2.3			
	Art. No.			
	936164	936154	936182	

SIC Standard Abutments, anterior, 25° angle




Ø 3.3 mm
(incl. SIC Standard Fixation Screw, short)

Compatible with	SICace Ø 3.4 mm SICmax Ø 3.7 mm	SICace Ø 4.0 mm SICmax Ø 4.2 mm
Material: Titanium Grade 5		
Ø Implant connection [mm]	3.3	
Ø Prosthetics [mm]	4.4	
Mod. height [mm]	7.0	
Specific height [mm]	8.0	10.0
Gingival height [mm]	1.0	3.0
Geometry of the connection [mm]	Hex 2.3	
	Art. No.	
	936300	936301

Caution: With SIC Standard Abutment 25° always use SIC Standard Fixation Screw, short.




SIC Standard Abutments, posterior, straight

Ø 3.3 mm
(incl. SIC Standard Fixation Screw)

Compatible with	SICace Ø 3.4 mm SICmax Ø 3.7 mm	SICace Ø 4.0 mm SICmax Ø 4.2 mm	
Material: Titanium Grade 5			
Ø Implant connection [mm]	3.3		
Ø Prosthetics [mm]	5.4		
Mod. height [mm]	7.0		
Specific height [mm]	8.5	10.0	12.0
Gingival height [mm]	1.5	3.0	5.0
Geometry of the connection [mm]	Hex 2.3		
	Art. No.		
	935727	935728	935802






SIC Standard Abutments, posterior, 15° angle

Ø 3.3 mm
(incl. SIC Standard Fixation Screw)

Compatible with	SICace Ø 3.4 mm SICmax Ø 3.7 mm		SICace Ø 4.0 mm SICmax Ø 4.2 mm	
Material: Titanium Grade 5				
Ø Implant connection [mm]	3.3			
Ø Prosthetics [mm]	5.4			
Mod. height [mm]	7.0			
Specific height [mm]	8.5	10.0	12.0	
Gingival height [mm]	1.5	3.0	5.0	
Geometry of the connection [mm]	Hex 2.3			
	Art. No.			
	935731	935732	936183	





SIC Standard Abutments, anterior, straight

Ø 4.2 mm
(incl. SIC Standard Fixation Screw)

Compatible with	SICace Ø 4.5 mm SICmax Ø 4.7 mm		SICace Ø 5.0 mm SICmax Ø 5.2 mm		
Material: Titanium Grade 5					
Ø Implant connection [mm]	4.2				
Ø Prosthetics [mm]	5.4				
Mod. height [mm]	7.0				
Specific height [mm]	8.0	9.0	10.0	12.0	14.0
Gingival height [mm]	1.0	2.0	3.0	5.0	7.0
Geometry of the connection [mm]	Hex 2.3				
	Art. No.				
	936165	935803	936152	935804	935805



SIC Standard Abutments, anterior, 15° angle

Ø 4.2 mm
(incl. SIC Standard Fixation Screw)

Compatible with	SICace Ø 4.5 mm SICmax Ø 4.7 mm		SICace Ø 5.0 mm SICmax Ø 5.2 mm	
Material: Titanium Grade 5				
Ø Implant connection [mm]	4.2			
Ø Prosthetics [mm]	5.4			
Mod. height [mm]	7.0			
Specific height [mm]	8.0	10.0	12.0	14.0
Gingival height [mm]	1.0	3.0	5.0	7.0
Geometry of the connection [mm]	Hex 2.3			
	Art. No.			
	936166	936657	936184	936185

SIC Standard Abutments, anterior, 25° angle





Ø 4.2 mm
(incl. SIC Standard Fixation Screw, short)

Compatible with	SICace Ø 4.5 mm SICmax Ø 4.7 mm		SICace Ø 5.0 mm SICmax Ø 5.2 mm	
Material: Titanium Grade 5				
Ø Implant connection [mm]	4.2			
Ø Prosthetics [mm]	5.4			
Mod. height [mm]	7.0			
Specific height [mm]	8.0		10.0	
Gingival height [mm]	1.0		3.0	
Geometry of the connection [mm]	Hex 2.3			
	Art. No.			
	936304		936305	

Caution: With SIC Standard Abutment 25° always use SIC Standard Fixation Screw, short.





SIC Standard Abutments, posterior, straight

Ø 4.2 mm
(incl. SIC Standard Fixation Screw)

Compatible with	SICace Ø 4.5 mm SICmax Ø 4.7 mm		SICace Ø 5.0 mm SICmax Ø 5.2 mm	
Material: Titanium Grade 5				
Ø Implant connection [mm]	4.2			
Ø Prosthetics [mm]	6.4			
Mod. height [mm]	7.0			
Specific height [mm]	8.5	10.0	12.0	14.0
Gingival height [mm]	1.5	3.0	5.0	7.0
Geometry of the connection [mm]	Hex 2.3			
Art. No.				
	935729	935730	935726	935806









SIC Standard Abutments, posterior, 15° angle

Ø 4.2 mm
(incl. SIC Standard Fixation Screw)

Compatible with	SICace Ø 4.5 mm SICmax Ø 4.7 mm		SICace Ø 5.0 mm SICmax Ø 5.2 mm	
Material: Titanium Grade 5				
Ø Implant connection [mm]	4.2			
Ø Prosthetics [mm]	6.4			
Mod. height [mm]	7.0			
Specific height [mm]	8.5	10.0	12.0	14.0
Gingival height [mm]	1.5	3.0	5.0	7.0
Geometry of the connection [mm]	Hex 2.3			
Art. No.				
	935733	935734	936186	936187









SIC "Flex Star" Universal Cast-to Abutment

for non-precious alloy
(incl. SIC Standard Fixation Screw)

Compatible with	 SICace Ø 3.4 mm SICmax Ø 3.7 mm	 SICace Ø 4.0 mm SICmax Ø 4.2 mm	 SICace Ø 4.5 mm SICmax Ø 4.7 mm	 SICace Ø 5.0 mm SICmax Ø 5.2 mm
Material: Ptlr		 for bridgework		 for bridgework
Ø Implant connection [mm]	3.3		4.2	
Ø Prosthetics [mm]	3.6		4.4	
Specific height [mm]	8.8			
Height base [mm]	0.8			
Geometry of the connection [mm]	Hex 2.3	Cone 2.3	Hex 2.3	Cone 2.3
Art. No.				
	936615	936613	936616	936614









SIC "Flex Star" Universal Cast-to Abutment

high-fusing alloy
(incl. SIC Standard Fixation Screw)










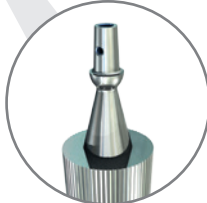
Compatible with	 SICace Ø 3.4 mm SICmax Ø 3.7 mm	 SICace Ø 4.0 mm SICmax Ø 4.2 mm	 SICace Ø 4.5 mm SICmax Ø 4.7 mm	 SICace Ø 5.0 mm SICmax Ø 5.2 mm
Material: AuPt		 for bridgework		 for bridgework
Ø Implant connection [mm]	3.3		4.2	
Ø Prosthetics [mm]	3.6		4.4	
Specific height [mm]	8.8			
Height base [mm]	0.8			
Geometry of the connection [mm]	Hex 2.3	Cone 2.3	Hex 2.3	Cone 2.3
Art. No.				
	936647	936645	936665	936646

SIC "White Star" Zirconium Oxide Abutment

burn-onable
(incl. SIC Standard Fixation Screw)

Compatible with	 SICace Ø 3.4 mm SICmax Ø 3.7 mm	 SICace Ø 4.0 mm SICmax Ø 4.2 mm	 SICace Ø 4.5 mm SICmax Ø 4.7 mm	 SICace Ø 5.0 mm SICmax Ø 5.2 mm
Material: ZrO ₂ -TZP Colour: white				
Ø Implant connection [mm]	3.3		4.2	
Ø Prosthetics [mm]	3.6		4.8	
Mod. height [mm]	4.0		5.0	
Specific height [mm]	5.5	7.0	6.5	8.0
Gingival height [mm]	1.5	3.0	1.5	3.0
Geometry of the connection [mm]	Hex 2.3			
	Art. No.			
	936148	936149	936150	936151

SIC Accessories for Abutments

Art. No.	   	Art. No.	
936658	SIC Standard Fixation Screw Diameter thread [mm] 1.6 Total height [mm] 9.2 Specific height/length [mm] 3.5 Material Titanium Grade 5 Geometry of the connection [mm] 1.6 and Inner Hex 1.22 Compatible with all SIC Standard Abutments		
936659	SIC Horizontal Screw, length-adjustable (for transversal screw connection) Total height [mm] 5.7 Specific height/length [mm] 2.8 Material Titanium Grade 5 Geometry of the connection [mm] 1.4 and Inner Hex 1.22 Compatible with all SIC Standard Abutments, Titanium		
936529	SIC Fixation Screw, short Diameter thread [mm] 1.6 Total height [mm] 7.3 Material Titanium Grade 5 Geometry of the connection [mm] 1.6 and Inner Hex 1.22 Compatible with SIC Standard Abutments 25°, SIC "Safe on Four" angled, SIC Bonding Bases angled		
936664	SIC Sleeve for Horizontal Screw (high-fusing alloy) Total height [mm] 1.9 Width spec. [mm] 2.0 Material AuPt Compatible with all SIC Standard Abutments		
936110	SIC Universal Abutment-Holder Total height [mm] 60.0 Width [mm] 8.0 Material stainless steel for surgical devices Geometry of the connection [mm] Inner Hex 2.3 Compatible with all SIC Standard Abutments		

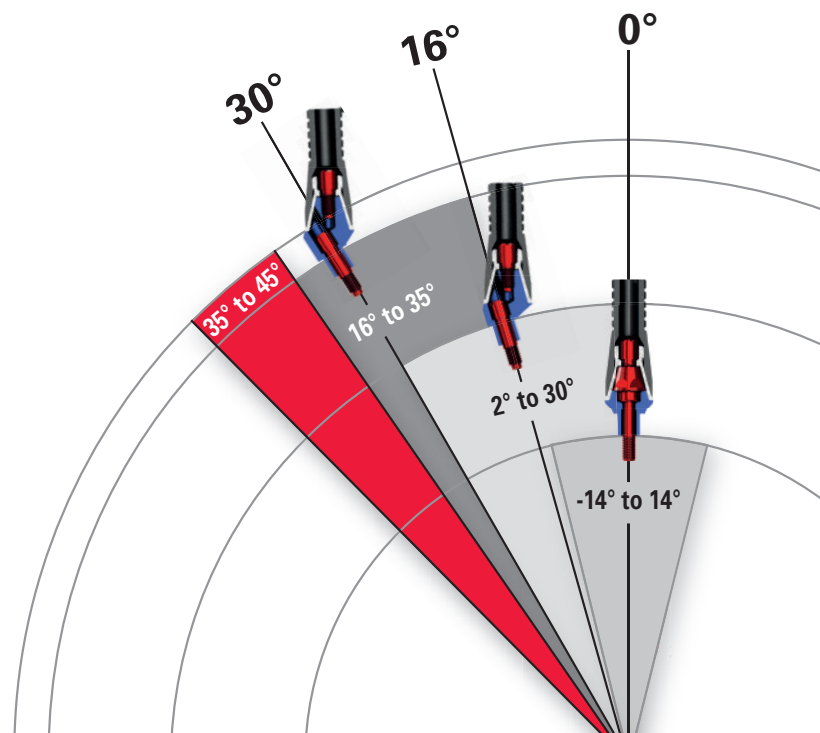
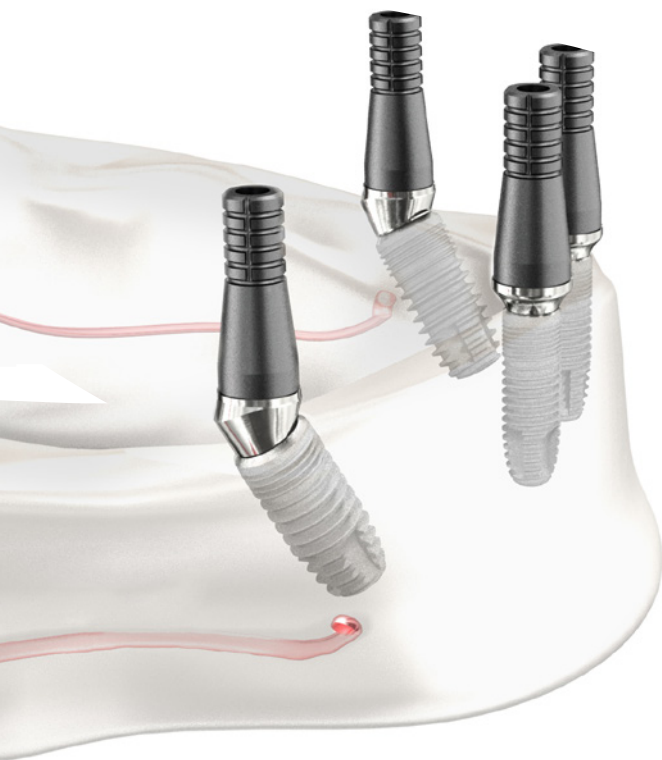
SIC Multi-Unit Abutment System

SIC Safe on Four®









The SIC "Safe on Four" system is a further development of the "bar and bridge abutments" system. In the "Safe on Four" system, the bar and bridge abutments and the "Safe on Four" angled standard abutments are directly screw-retained with the respective implant. In this way, a fixed transgingival platform is created over which all further prosthetic and laboratory technical measures are completed. The system is indicated for fixed or removable bridge or full restorations with the stipulation that the distal implants can have a maximum implantation angle of 30°.

The maximum bone availability is utilised distally by displacement of the most distally placed angled implant. During development of the system, particular value was placed on the greatest possible stability of individual components. The straight bar and bridge abutments consist of a two-part design which includes an abutment component with hex and a "Safe on Four" fixation post that, using the long screw shank, ensures maximum continuous loading capacity. The "Safe on Four" universal fixation screws also have a reinforced screw thread.

For further information about the surgical procedure of our Multi-Unit Abutment System please refer to the brochure.














SIC Bar and Bridge Abutment "Safe on Four" (incl. SIC Fixation Post "Safe on Four")






Compatible with	 SICace Ø 3.4 mm SICmax Ø 3.7 mm	 SICace Ø 4.0 mm SICmax Ø 4.2 mm	 SICace Ø 4.5 mm SICmax Ø 4.7 mm	 SICace Ø 5.0 mm SICmax Ø 5.2 mm
Material: Titanium Grade 5				
Ø Implant connection [mm]	3.3		4.2	
Ø Prosthetics [mm]	5.0			
Specific height/length [mm]	4.9	6.4	4.9	6.4
Gingival height [mm]	1.5	3.0	1.5	3.0
Geometry of the connection [mm]	Hex 2.3			
	Art. No.			
	936253	936254	936255	936256

Caution: Tightening torque for SIC Fixation Post "Safe on Four": 30 Ncm with any implant insertion tool SW 2.3.

SIC Standard Abutment "Safe on Four" (incl. SIC Fixation Screw, short)









Compatible with	 	 					
Material: Titanium Grade 5							
Ø Implant connection [mm]	3.3			4.2			
Angulation [°]	16	16	30	16	16	30	30
Ø Prosthetics [mm]	5.0						
Specific height/length [mm]	4.9	6.4	4.9	4.9	6.4	4.9	6.4
Gingival height [mm]	1.5	3.0	1.5	1.5	3.0	1.5	3.0
Geometry of the connection [mm]	Hex 2.3						
	Art. No.						
	936259	936261	936260	936263	936262	936264	936265

SIC Accessories for Multi-Unit Abutment System

Art No.		Art No.	
936252	 SIC Gingiva Shaper "Safe on Four", cylindrical Total height [mm] 5.0 Diameter [mm] 5.0 Material Titanium Grade 5 Geometry of the connection Cone "Safe on Four"	936541	 SIC Fixation Screw "Safe on Four" 16.0 mm, for Transfer Abutment, Open Tray Technique Total height (mm) 16.0 Specific height (mm) 6.0 Material Titanium Grade 5 Geometry of the connection (mm) 1.6 and inner hex 1.22
936250	 SIC Transfer Abutment "Safe on Four", reposition (incl. SIC Transfer Cap with Click) Total height [mm] 9.5 Diameter [mm] 5.0 Material Titanium Grade 5 Geometry of the connection Cone "Safe on Four"	936251	 SIC Lab Implant "Safe on Four" Total height [mm] 16.0 Diameter [mm] 5.0 Material stainless steel for surgical devices Geometry of the connection Cone "Safe on Four"
936275	 SIC Transfer Abutment "Safe on Four", Open Tray Technique (incl. SIC Fixation Screw 16.0 mm) Total height [mm] 11.0 Diameter [mm] 5.0 Material Titanium Grade 5 Geometry of the connection Cone "Safe on Four"		

Prosthetics

SIC Crown Base "Safe on Four" (incl. SIC Fixation Screw "Safe on Four")

Compatible with	 SICace Ø 3.4 mm SICmax Ø 3.7 mm	 SICace Ø 4.0 mm SICmax Ø 4.2 mm	 SICace Ø 4.5 mm SICmax Ø 4.7 mm	 SICace Ø 5.0 mm SICmax Ø 5.2 mm
				
	Titanium	residue-free burn-out	high-fusing alloy	for non-precious alloy
Total height [mm]	9.0	10.0	12.4	12.4
Material	Titanium Grade 5	PMMA	AuPt	PtIr
Geometry of the connection	Cone "Safe on Four"			
	Art. No.			
	936270	936276	936272	936273









Art. No.		
936274	SIC Bar Coping "Safe on Four" (incl. SIC Fixation Screw "Safe on Four") Total height [mm] 6.2 Material AuAgCuPt Geometry of the connection Cone "Safe on Four"	
936271	SIC Scan Adapter for SIC "Safe on Four" Total height [mm] 6.0 Material PEEK Geometry of the connection Cone "Safe on Four"	
936280	SIC Positioning Aid 16° and 30° for "Safe on Four" Material Titanium Grade 5 Geometry of the connection [mm] Hex 2.3	
936281	SIC Planning Guide for SIC "Safe on Four" Material Titanium Grade 5	

Art. No.		
936257	SIC Fixation Post "Safe on Four", GH 1.5 mm Total height [mm] 9.7 Material Titanium Grade 5 Geometry of the connection [mm] Cone "Safe on Four" and Hex 2.3 Compatible with 936253 and 936255	
936258	SIC Fixation Post "Safe on Four", GH 3.0 mm Total height [mm] 11.2 Material Titanium Grade 5 Geometry of the connection [mm] Cone "Safe on Four" and Hex 2.3 Compatible with 936254 and 936256	
936540	SIC Fixation Screw "Safe on Four" Diameter thread [mm] 1.6 Total height [mm] 5.0 Material Titanium Grade 5 Geometry of the connection [mm] 1.6 and Inner Hex 1.22	
936529	SIC Fixation Screw, short Total height [mm] 5.0 Material Titanium Grade 5 Geometry of the connection [mm] 1.6 and Inner Hex 1.22	
935230	SIC Cutter Ø 5.2 mm for SIC "Safe on Four", with Guidance Tip Diameter [mm] 5.2 Length [mm] 31.0 Material stainless steel for surgical devices Geometry of the connection ISO Adapter Angle Piece	







SIC Bars

Compatible with		
Material: AuPtPdAgCu		
	SIC Standard Bar, round, Ø 1.9 mm, gold	SIC Bar Clip, gold
Length [mm]	50.0	
	Art. No.	
	936682	936683

CAD/CAM

SIC CAD/CAM		SIC Bonding Base CAD/CAM, straight, (incl. SIC Standard Fixation Screw)			
Compatible with	 SICace Ø 3.4 mm SICmax Ø 3.7 mm	 SICace Ø 4.0 mm SICmax Ø 4.2 mm	 SICace Ø 4.5 mm SICmax Ø 4.7 mm	 SICace Ø 5.0 mm SICmax Ø 5.2 mm	
Material: Titanium Grade 5		for bridgework 		for bridgework 	
Ø Implant connection [mm]	3.3		4.2		
Ø Prosthetics [mm]	3.5		4.4		
Mod. height [mm]	4.0				
Specific height [mm]	4.3				
Gingival height [mm]	0.3				
Geometry of the connection [mm]	Hex 2.3	Cone 2.3	Hex 2.3	Cone 2.3	
	Art. No.				
	936190	936191	936196	936197	









Please note: This item can be used as provisional abutment, as well.

SIC CAD/CAM		SIC Bonding Base CAD/CAM, 15° angle, (incl. SIC Fixation Screw, short)			
Compatible with	 SICace Ø 3.4 mm SICmax Ø 3.7 mm	 SICace Ø 4.0 mm SICmax Ø 4.2 mm	 SICace Ø 4.5 mm SICmax Ø 4.7 mm	 SICace Ø 5.0 mm SICmax Ø 5.2 mm	
Material: Titanium Grade 5					
Ø Implant connection [mm]	3.3		4.2		
Ø Prosthetics [mm]	3.5		4.4		
Mod. height [mm]	4.0				
Specific height [mm]	4.3				
Gingival height [mm]	0.3				
Geometry of the connection [mm]	Hex 2.3				
	Art. No.				
	936192		936198		

Please note: This item can be used as provisional abutment, as well.

SIC CAD/CAM CEREC







SIC Bonding Base CAD/CAM straight, CEREC
(incl. SIC Standard Fixation Screw)

Compatible with	 SICace Ø 3.4 mm SICmax Ø 3.7 mm	 SICace Ø 4.0 mm SICmax Ø 4.2 mm	 SICace Ø 4.5 mm SICmax Ø 4.7 mm	 SICace Ø 5.0 mm SICmax Ø 5.2 mm
Material: Titanium Grade 5				
Ø Implant connection [mm]	3.3		4.2	
Ø Prosthetics [mm]	4.1		4.5	
Mod. height [mm]	4.7		4.7	
Specific height [mm]	5.0		5.0	
Gingival height [mm]	0.3	3.0	0.3	3.0
Geometry of the connection [mm]	Hex 2.3			
	Art. No.			
	936188	936228	936189	936229



Please note: This item can be used as provisional abutment, as well.

SIC CAD/CAM



SIC Wax-Up Base CAD/CAM Ø 3.3 mm
(incl. SIC Standard Fixation Screw)

Compatible with	 SICace Ø 3.4 mm SICmax Ø 3.7 mm	 SICace Ø 4.0 mm SICmax Ø 4.2 mm	 SICace Ø 4.5 mm SICmax Ø 4.7 mm	 SICace Ø 5.0 mm SICmax Ø 5.2 mm
Material: Titanium Grade 5				
Ø Implant connection [mm]	3.3		4.2	
Ø Prosthetics [mm]	4.3			
Mod. height [mm]	7.5			
Specific height [mm]	8.3			
Gingival height [mm]	0.8			
Geometry of the connection [mm]	Hex 2.3			
	Art. No.			
	936701		936703	




Please note: This item can be used as provisional abutment, as well.

SIC Scan Post CEREC (incl. SIC Standard Fixation Screw)	
for digital modelling of CAD/CAM Customized Milled Abutments	
Compatible with	
	
Ø Implant connection [mm]	3.3
Geometry of the connection [mm]	Hex 2.3
	Art. No.
	936236

Scan Post CEREC for a thick gingiva situation



SIC Scan Adapter (incl. SIC Standard Fixation Screw)	
for digital modelling of CAD/CAM Customized Milled Abutments	
Compatible with	
	
Ø Implant connection [mm]	3.3 /4.2
Geometry of the connection [mm]	Hex 2.3
	Art. No.
	936237

Precondition: Open CAD/CAM system
SimedaCAD, 3Shape, ExoCAD (Fraunhofer), DentalWings or LaserDenta with output of unencrypted STL-data
Manufacturing of Abutments:
simeda medical, Luxemburg








SIC Milling Blank CAD/CAM, M-Line (incl. SIC Standard Fixation Screw)		
Compatible with		
		
Ø Implant connection [mm]	3.3	4.2
Gingival height [mm]	0.2	
	Art. No.	
	936226	936227








Precondition: MEDENTIKA® PreFace® Abutment holder

SIC Accessories for CAD/CAM

Art. No.	
936528	SIC Standard Fixation Screw red, for Ceramic Abutment CAD/CAM
	Length [mm] 9.1
	Head diameter [mm] 2.2
	Material Titanium Grade 5
	Geometry of the connection [mm] 1.6 and Inner Hex 1.22
	Compatible with SIC CAD/CAM ceramic abutments
936529	SIC Fixation Screw, short
	Length [mm] 7.3
	Head diameter [mm] 1.9
	Material Titanium Grade 5
	Geometry of the connection [mm] 1.6 and Inner Hex 1.22
	Compatible with SIC Bonding Base angled and Standard Abutment "Safe on Four" and 25° Abutments









Locator R-Tx[®] Removable Attachment System

Locator R-Tx [®] Attachments		Ø 3.3 mm					
Compatible with		 SICace Ø 3.4 mm SICmax Ø 3.7 mm			 SICace Ø 4.0 mm SICmax Ø 4.2 mm		
Material: Titanium Grade 5 and TiCN							
Ø Implant connection [mm]		3.3					
Gingival height [mm]		1.0	2.0	3.0	4.0	5.0	6.0
		Art. No.					
		31805-01	31805-02	31805-03	31805-04	31805-05	31805-06





Locator R-Tx [®] Attachments		Ø 4.2 mm					
Compatible with		 SICace Ø 4.5 mm SICmax Ø 4.7 mm			 SICace Ø 5.0 mm SICmax Ø 5.2 mm		
Material: Titanium Grade 5 and TiCN							
Ø Implant connection [mm]		4.2					
Gingival height [mm]		1.0	2.0	3.0	4.0	5.0	6.0
		Art. No.					
		31806-01	31806-02	31806-03	31806-04	31806-05	31806-06

Locator R-Tx [®] Retention Insert		4 pieces each			
Compatible with	Locator R-Tx [®] Attachments				
					
Material	Nylon				
Retention	zero	low	medium	high	
Colour	grey	blue	pink	white	
	Art. No.				
	30001-01	30002-01	30003-01	30004-01	









Locator R-Tx® Accessories









Art. No.		● ● ● ●	Art. No.		●
30012-01	 Locator R-Tx® Processing Insert, black, 4 pieces Material Nylon Compatible with all Locator R-Tx® Attachments		30014-01	 Locator R-Tx® Abutment Analog 3.35 mm, 4 pieces Compatible with all Locator R-Tx® Attachments	
8514	 Locator® Block-Out Spacer, white, 20 pieces Material Nylon Compatible with all Locator R-Tx® Attachments		Art. No.		●
30013-01	 Locator R-Tx® Denture Attachment Processing Assembly, 4 pieces Compatible with all Locator R-Tx® Attachments		30015-01	 Locator R-Tx® Abutment Analog 4.00 mm, 4 pieces Compatible with all Locator R-Tx® Attachments	
30017-01	 Locator R-Tx® Impression Coping, 4 pieces Compatible with all Locator R-Tx® Attachments		Art. No.		● ●
30018-01	 Locator R-Tx® Processing Spacer, 4 pieces Compatible with all Locator R-Tx® Attachments		30016-01	 Locator R-Tx® Abutment Analog 5.00 mm, 4 pieces Compatible with all Locator R-Tx® Attachments	




Locator R-Tx® Instruments

Art. No.		● ● ● ●	Art. No.		● ● ● ●
30021-01	 Locator® R-Tx Retention Insert Tool Compatible with all Locator R-Tx® Attachments		08008	 Locator® R-Tx .050"/1.25mm Hex, Latch Driver for Handpiece Compatible with all Locator R-Tx® Attachments	
08007	 Locator® R-Tx .050"/1.25 mm Hex Driver with Thumb Knob Compatible with all Locator R-Tx® Attachments		04936	 Locator® .050"/1.25mm Hex, Insert Driver (Square Drive Connection) Compatible with all Locator R-Tx® Attachments	






Locator F-Tx™ Fixed Attachment System

Locator F-Tx™ Attachments Ø 3.3 mm						
Compatible with	 SICace Ø 3.4 mm SICmax Ø 3.7 mm			 SICace Ø 4.0 mm SICmax Ø 4.2 mm		
Material: Titanium Grade 5 and TiCN						
Ø Implant connection [mm]	3.3					
Gingival height [mm]	1.5	2.0	3.0	4.0	5.0	6.0
	Art. No.					
	11805-01	11805-02	11805-03	11805-04	11805-05	11805-06




Locator F-Tx™ Attachments Ø 4.2 mm						
Compatible with	 SICace Ø 4.5 mm SICmax Ø 4.7 mm			 SICace Ø 5.0 mm SICmax Ø 5.2 mm		
Material: Titanium Grade 5 and TiCN						
Ø Implant connection [mm]	4.2					
Gingival height [mm]	1.5	2.0	3.0	4.0	5.0	6.0
	Art. No.					
	11806-01	11806-02	11806-03	11806-04	11806-05	11806-06

Locator F-Tx™ Retention Balls 2 pieces each			
Compatible with	Locator F-Tx® Attachments		
			
Material	PEEK		
Retention [kg]	2.3	4.5	9.0
Colour	blue	white	green
	Art. No.		
	10033-01	10034-01	10035-01







Locator F-Tx™ Accessories

Art. No.		Art. No.	
10032-01	 Locator F-Tx™ Processing Ball, black, 2 pieces Compatible with all Locator F-Tx™ Attachments	10039-01	 Locator F-Tx™ Polishing Cap, 2 pieces Compatible with all Locator F-Tx™ Attachments
10030-01	 Locator F-Tx™ Processing Cap, 2 pieces Compatible with all Locator F-Tx™ Attachments	10023-01	 Locator F-Tx™ Removal Loop Compatible with Locator F-Tx™ Attachments
10036-01	 Locator F-Tx™ Healing Cap, 2 pieces Compatible with all Locator F-Tx™ Attachments	10024-01	 Locator F-Tx™ Removal Tool Bar Compatible with all Locator F-Tx™ Attachments
10041-01	 Locator F-Tx™ Denture Attachment Housing, 2 pieces Compatible with all Locator F-Tx™ Attachments	10045-01	 Locator F-Tx™ Prosthesis Booster Set, 10mm/8mm/8mm Compatible with all Locator F-Tx™ Attachments
10037-01	 Locator F-Tx™ Abutment Analog, 2 pieces Compatible with all Locator F-Tx™ Attachments	10044-01	 Locator F-Tx™ Prosthesis Booster Set, 8mm/6mm/6mm Compatible with all Locator F-Tx™ Attachments
10040-01	 Locator F-Tx™ Waxing Cap, 2 pieces Compatible with all Locator F-Tx™ Attachments	10080-01	 Locator F-Tx™ Inflation Device Compatible with all Locator F-Tx™ Attachments
10043-01	 Locator F-Tx™ Impression Coping, 2 pieces Compatible with all Locator F-Tx™ Attachments	10061-01	Locator® Prosthesis Booster, Y Connector Compatible with all Locator F-Tx™ Attachments







Locator F-Tx® Instruments

Art. No.		Art. No.	
10028-01	 Locator F-Tx™ Attachment System, Manual Driver Compatible with all Locator F-Tx™ Attachments	10042-01	 Locator F-Tx™ Retention Ball Hex Driver Compatible with all Locator F-Tx™ Attachments
10029-01	 Locator F-Tx™ Attachment System, Latch Driver Compatible with all Locator F-Tx™ Attachments		

Locator®

Locator® Attachments		Ø 3.3 mm, incl. Locator® Matrix Set 935717				
Compatible with	SICace Ø 3.4 mm SICmax Ø 3.7 mm			SICace Ø 4.0 mm SICmax Ø 4.2 mm		
Material: Titanium Grade 5 and TIN						
Ø Implant connection [mm]	3.3					
Gingival height [mm]	0.0	1.0	2.0	3.0	4.0	5.0
	Art. No.					
	935702	935710	935703	935711	935704*	935708*

*Indicated with a minimum implant diameter of 4.0 mm or 4 locator abutments on one framework.








Locator® Attachments		Ø 4.2 mm, incl. Locator® Matrix Set 935717				
Compatible with	SICace Ø 4.5 mm SICmax Ø 4.7 mm			SICace Ø 5.0 mm SICmax Ø 5.2 mm		
Material: Titanium Grade 5 and TIN						
Ø Implant connection [mm]	4.2					
Gingival height [mm]	0.0	1.0	2.0	3.0	4.0	5.0
	Art. No.					
	935705	935712	935706	935713	935707	935709











Locator® Replacement Male 4 pieces each

Compatible with	all Locator® Attachments						
							
Material	Nylon						
Retention force [kg]	2.3	1.4	0.7	no retention	1.8	0.9	0.5
Colour	clear	pink	blue	grey	green	orange	red
	Art. No.						
	935718	935719	935724	935723	935720	935725	935721





Locator® Accessories

Art. Nr.		Art. Nr.	
935717 	Locator® Matrix Set, 5-part Material Nylon Compatible with all Locator® Attachments	935722 	Locator® Insertion Tool, Angle Piece Material stainless steel for surgical devices Compatible with all Locator® Attachments
935715 	Locator® Impression Post Material Titanium Grade 4 Compatible with all Locator® Attachments	935714 	Locator® Tool, 3-part Material stainless steel for surgical devices Compatible with all Locator® Attachments
935716 	Locator® Lab Implant Material Titanium Grade 4 Compatible with all Locator® Attachments		











SIC Ball and Socket Attachments

Compatible with	 SICace Ø 3.4 mm SICmax Ø 3.7 mm	 SICace Ø 4.0 mm SICmax Ø 4.2 mm	 SICace Ø 4.5 mm SICmax Ø 4.7 mm	 SICace Ø 5.0 mm SICmax Ø 5.2 mm
Material: Titanium Grade 5				
Ø Implant connection [mm]	3.3		4.2	
Ø Prosthetics [mm]	3.3		4.2	
Gingival height [mm]	2.0	4.0	2.0	4.0
	Art. No.			
	936157	936158	936016	936017








Inner Matrices

Compatible with	SIC Ball and Socket Attachments				
					
	Inner Assembly Matrix, blue (for model)	Inner Matrix, gold, suitable for activation	Inner Matrix, yellow, light	Inner Matrix, green, standard	Inner Matrix, red, strong
Material	Titanium Grade 5	AuPt	Titanium Grade 5		
Retention force [kg]	–	0.8	0.6	0.8	1.2
	Art. No.				
	936001	936002	936005	936004	936003

Accessories Ball and Socket Attachments



Art. Nr.		Art. No.	
936008  Retention Cap, universal Material Titanium Grade 5 Compatible with SIC Ball and Socket Attachments		936015  Paralleling Tool Material stainless steel for surgical devices Compatible with SIC Ball and Socket Attachments	
936013  Spacer for Retention Cap, universal Material POM Compatible with SIC Ball and Socket Attachments		937040  Activator/Deactivator for Inner Matrix "gold" Material stainless steel for surgical devices Compatible with SIC Ball and Socket Attachments	
936610  Lab Implant for Ball and Socket Attachments Material stainless steel for surgical devices Compatible with SIC Ball and Socket Attachments		936006  Torque Ratchet, 4 Ncm, Matrix Material stainless steel for surgical devices Compatible with SIC Ball and Socket Attachments	
936010  Polymerisation Aid (PCV ring), 10 pieces Material PVC Compatible with SIC Ball and Socket Attachments			
936014  Block-Out Aid (distance plate), 2 pcs. Material Zn Compatible with SIC Ball and Socket Attachments			

Steco Magnetic Attachment

Art. No.		Art. No.	
935095  Steco Magnetic Abutment Ø 4.2 mm Material Titanium Grade 4		935098  Steco Lab Implant for Magnetic Abutment Material Titanium Grade 4	
935096  Steco Magnet for Prosthesis Material Titanium Grade 4		935099  Steco Insertion Tool for Magnetic Abutment Material Titanium Grade 4	
935097  Steco Positioning Cuff for Magnetic Abutment Material Dental Silicone			

One-piece Implant System

SICmax onepiece Screw Implants

Diameter	Ø 2.8 mm	
Material: Titanium Grade 4		
Ø Prosthetic connection [mm]	3.0	
Length [mm]	9.5	13.0
Geometry of the connection [mm]	cone with ball Ø 1.8	
	Art. No.	
	935290	935291

SICmax onepiece Accessories



Geometry of the connection: Cone with Torx				
	SIC Standard Abutment, straight, for cementation	SIC Standard Abutment, 15° angle, for cementation	SIC Wax-Up Abutment, straight, residue-free burn-out	SIC Retention Attachment, for cementation
Ø Implant connection [mm]	3.0			
Ø Prosthetics [mm]	5.0	4.5	4.6	–
Total height [mm]	6.5	7.5	9.0	3.8
Mod. height [mm]	4.7	5.8	8.0	–
Gingival height [mm]	1.0/1.8		1.0	2.3
Material	Titanium Grade 5		PMMA	Titanium Grade 5 and TIN
	Art. No.			
	935410	935411	935409*	935412**

*Please note: This item can be used as provisional abutment, as well.

**Compatible with Matrix Set 935717 (see p. 49)



Art. No. 937111 SIC Insertion Tool, Angle Piece, for SICmax onepiece Length [mm] 20.0 Material stainless steel for surgical devices Geometry of the connection Cone with Torx	Art. No. 935415 SIC Replacement O-Ring for SICmax onepiece, 10 pieces, hard, green Material Silicone, 70 Shore Geometry of the connection [mm] for ball Ø 1.8
935413 SIC Transfer Cap, reposition, for SICmax onepiece Specific height/length [mm] 5.5 Material POM Geometry of the connection Cone with Torx	936233 SIC Scan Adapter for SICmax onepiece, for digital modelling of CAD/CAM Customized Milled Abutments Precondition: Open CAD/CAM system SimesCAD, 3 Shape, ExoCAD (Fraunhofer), DentalWings or LaserDenta with output of unencrypted STL-data Manufacturing of Abutments: simes medical, Luxemburg Geometry of the connection Cone with Torx
935408 SIC Lab Implant for SICmax onepiece Diameter prosthetic connection [mm] 3.0 Diameter [mm] 2.8 Total height [mm] 18.0 Material Titanium Grade 4 Geometry of the connection [mm] cone with ball Ø 1.8	935717 Locator® Matrix Set, 5-part Material Nylon Compatible with all Locator® Attachments
935414 SIC O-Ring Attachment for SICmax onepiece Diameter [mm] 4.8 Total height [mm] 3.5 Material Titanium Grade 5 Geometry of the connection [mm] for ball Ø 1.8	
1971-02 Saturno Micro O-Ring Attachment, 2 pieces Diameter [mm] 5.0 Total height [mm] 3.4 Material Titanium Grade 5 Geometry of the connection [mm] for ball Ø 1.8	

Prosthetic Tools

SIC Prosthetic Tray	
	
	SIC Prosthetic Tray TR, equipped (incl. TR Screwdrivers – short and long – and TR Torque Ratchet incl. Adapter)
Length/Height/Width [mm]	155/25/55
	Art. No.
	935526
	935523

Art. No.	● ● ● ●
	<p>937127 SIC Torque Ratchet, Titanium, incl. Adapter for Angle Piece Instruments</p> <p>Diameter [mm] 7.0 Length [mm] 99.0 Width [mm] 12.0 Material Titanium Grade 5</p>
	<p>937108 SIC TR Adapter for Angle Piece Instruments</p> <p>Length [mm] 19.5 Material stainless steel for surgical devices Compatible with SIC Angle Piece Instruments</p>
	<p>936110 SIC Universal Abutment-Holder</p> <p>Total height [mm] 60.0 Width [mm] 8.0 Material stainless steel for surgical devices Geometry of the connection [mm] Inner Hex 2.3 Compatible with all SIC Standard Abutments</p>




SIC Screwdriver, Angle Piece

Material: stainless steel for surgical devices		
	short, hex. 1.2 mm	long, hex. 1.2 mm
Specific height/length [mm]	5.0	15.0
	Art. No.	
	937032	937031

SIC Insertion Tool (manual use)

Compatible	for Fixation Screw, for Transfer Abutment, Open Tray Technique
Material: stainless steel for surgical devices	
Diameter [mm]	7.5
Total height [mm]	6.0
Geometry of the connection [mm]	Torx Ø 2.8
	Art. No.
	937042

SIC TR Screwdriver

Material: stainless steel for surgical devices			
	extra short, hex. 1.2 mm	short, hex. 1.2 mm	long, hex. 1.2 mm
Length [mm]	17.0	25.0	32.5
Geometry of the connection [mm]	Hex 1.2		
	Art. No.		
	937130	937128	937129

Standard Surgery

SIC Bone Condenser

The SIC Bone Condenser, with an instrument design based on an idea suggested by Dr. A. Weidmann, enables atraumatic condensing of the implant site in the cancellous bone. Bone preparation with the new, patented instrument geometry of the condenser attachment greatly improves primary stability during implant placement in soft bone.



SIC Titanium Ratchet

The SIC titanium ratchet (TR) combines maximum precision, secure handling, improved durability with an attractive modern design. The one-piece ratchet body is made of a titanium alloy and the snap-on ratchet head is made of stainless steel, guaranteeing high protection against corrosion and easy and thorough cleaning, care and maintenance.

For checking torque, the ergonomically designed handle has an individually calibrated and scaled cam follower which is employed at torques of up to 45 Ncm. When used as a surgical ratchet, without torque control, operation without the cam follower allows transmission of a maximum torque of 80 Ncm. The TR adapters engage in the ratchet seating and lock into it securely. The adapter for angled instruments (article no. 937108) has a special "Hex socket" for transmitting torques of up to 80 Ncm.



SIC Surgical Tray p. 58

SIC Drill Systems p. 58

Marking Drill p. 58

Short Drills p. 59

Drills for Depth Stop p. 59

SIC Depth Stops for Drills p. 60

SIC Brackets for Depth Stops p. 61

SIC Crestal Drills p. 61

SIC Reamers p. 62

SIC Bone Taps p. 62

SIC Bone Condenser p. 63

SIC Surgical Accessories p. 64

SIC Insertion Tool Surgery p. 66



SIC Drilling System with a Depth Stop

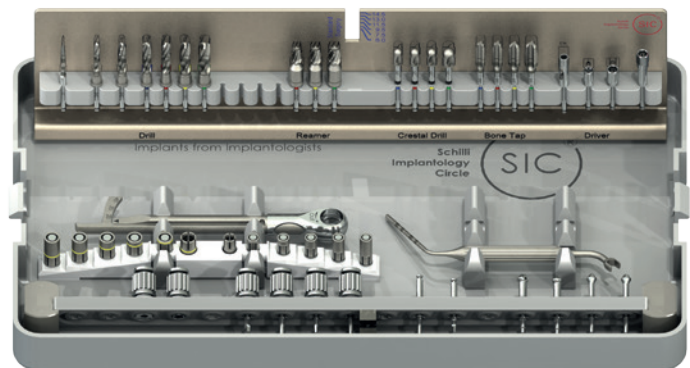
The SIC drilling system with depth stop is a very flexible system for reliable, quick implant placement. The drills can be used with or without the depth stop. A secure friction fit guarantees the high functionality of the depth stop. This is achieved by a clip on the drill depth stop which can simply be attached over the working section of the drill.

SIC Surgical Tray

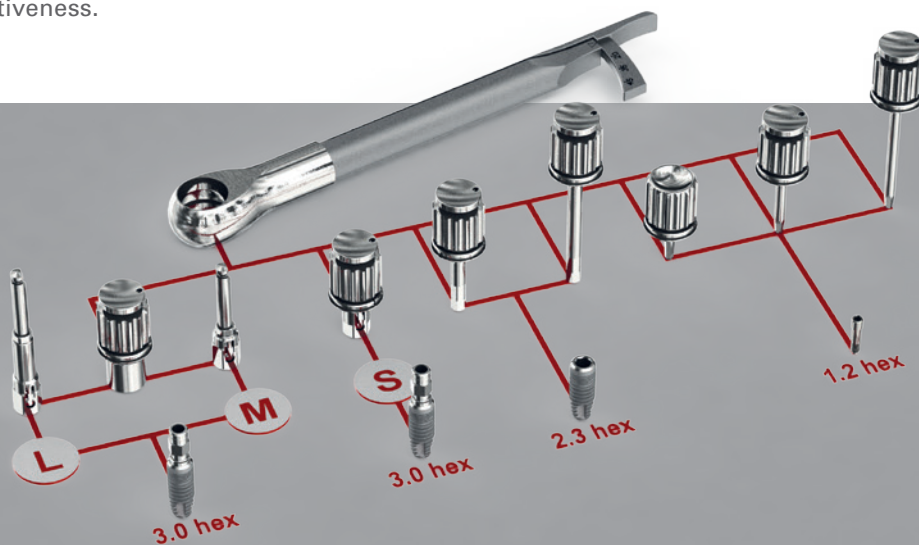
The SIC Surgical Tray is characterised by its optimal arrangement and ergonomic design. Due to its small dimensions, it fits into the smallest sterilising machines even when it is completely filled. The number of instruments is reduced to the necessities. The drill system can be plugged into the tray in modular fashion.

There is the option of adding drill depth stops to the tray.


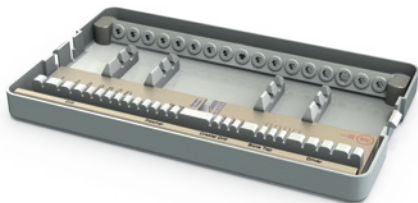
All three SIC invent implant lines are compatible with the instruments of the SIC surgical tray. With this "SIC one4all Concept™", we meet the demands of the dental practitioner for ease of use and cost-effectiveness.





Standard Surgery



Surgical Trays

SIC Surgical Tray	
Compatible with	SICace SICmax SICmax onepiece
	 <p>SIC Surgical Tray with Titanium Ratchet, equipped</p>  <p>SIC Surgical Tray universal, empty</p>
Length/Height/Width [mm]	250/25/150
	Art. No.
	933105
	935510

Drill Systems

SIC Marking-Drill	
Compatible with all SIC implant diameters	
Material: stainless steel for surgical devices	
Diameter [mm]	1.7
Length [mm]	34.0
Specific height/length [mm]	14.5
Geometry of the connection	ISO Adapter Angle Piece
	Art. No.
	935194

SIC Short Drills

Compatible with	● ● ● ● ●		● ● ● ●	● ● ●	● ●	●
Material: stainless steel for surgical devices						
Diameter [mm]	2.0	2.0/2.5/2.8	3.1	3.25	3.75	4.25
Length [mm]	25.5					
Specific height/length [mm]	11.5					
Geometry of the connection	ISO Adapter Angle Piece					
	Art. No.					
	935222	935223	935224	935225	935226	935228








Please note: Only to be used with implant lengths up to 11.5 mm.

SIC Drills for Depth Stop

Compatible with	● ● ● ● ●		● ● ● ●	● ● ●	● ●	●	
Material: stainless steel for surgical devices							
Diameter [mm]	2.0	2.0/2.5/2.8	3.1	3.25	3.75	4.25	4.6
Length [mm]	34.0						
Specific height/length [mm]	14.5						
Geometry of the connection	ISO Adapter Angle Piece						
	Art. No.						
	935214	935215	935216	935217	935220	935218	935221








SIC Depth Stops for Drills

up to Ø 3.25 mm

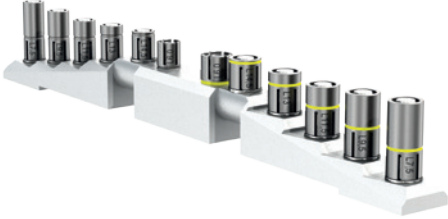
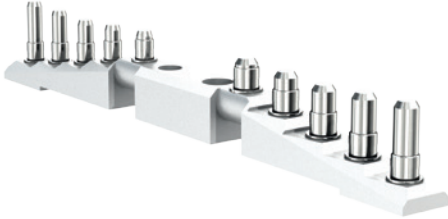
To use with implant diameter						
Material: stainless steel for surgical devices						
Diameter [mm]	4.7					
for Implant Length [mm]	6.0	7.5	9.5	11.5	13.0	14.5
Specific height/length [mm]	13.9	12.4	10.4	8.4	6.9	5.4
Compatible with	Depth Stop Drills up to Ø 3.25 mm					
Geometry of the connection	ISO Adapter Angle Piece					
	Art. No.					
	935245	935246	935247	935248	935249	935250

SIC Depth Stops for Drills



up to Ø 4.6 mm

To use with implant diameter						
Material: stainless steel for surgical devices						
Diameter [mm]	5.7					
for Implant Length [mm]	6.0	7.5	9.5	11.5	13.0	14.5
Specific height/length [mm]	13.9	12.4	10.4	8.4	6.9	5.4
Compatible with	Depth Stop Drills up to Ø 4.6 mm					
Geometry of the connection	ISO Adapter Angle Piece					
	Art. No.					
	935256	935251	935252	935253	935254	935255





SIC Brackets for Depth Stops

	
equipped	empty
Art. No.	
935512	935511

Compatibility of Depth Stops

Diameter [mm]	2.0	2.0/2.5/2.8	3.1	3.25	3.75	4.25	4.6
 Depth stop without marking	935214	935215	935216	935217			
 Depth stop with marking yellow					935220	935218	935221




SIC Crestal Drills

Compatible with	SICace Ø 3.4 mm SICmax Ø 3.7 mm	SICace Ø 4.0 mm SICmax Ø 4.2 mm	SICace Ø 4.5 mm SICmax Ø 4.7 mm	SICace Ø 5.0 mm SICmax Ø 5.2 mm
Material: stainless steel for surgical devices				
Diameter [mm]	3.3	3.75	4.25	4.75
Length [mm]	31.0			
Geometry of the connection	ISO Adapter Angle Piece			
Art. No.				
	935187	935192	935167	935193









SIC invent | Standard Surgery

SIC Reamer







for SICace Length 6.0 mm

Compatible with	 Ø 4.0 mm	 Ø 4.5 mm	 Ø 5.0 mm
Material: stainless steel for surgical devices			
Diameter [mm]	3.9	4.4	4.9
Length [mm]	31.0 mm		
Geometry of the connection	ISO Adapter Angle Piece		
	Art. No.		
	935127	935128	935129

SIC Bone Taps

Compatible with	 SICace Ø 3.4 mm SICmax Ø 3.7 mm	 SICace Ø 4.0 mm SICmax Ø 4.2 mm	 SICace Ø 4.5 mm SICmax Ø 4.7 mm	 SICace Ø 5.0 mm SICmax Ø 5.2 mm
Material: stainless steel for surgical devices				
Diameter [mm]	3.4	4.0	4.5	5.0
Length [mm]	34.0			
Specific height/length [mm]	14.5			
Geometry of the connection	ISO Adapter Angle Piece			
	Art. No.			
	935185	935186	935168	935190

SIC Bone Condenser by Dr. A. Weidmann

Compatible with	● ● ● ●		● ●		●	●
Material: stainless steel for surgical devices						
Diameter [mm]	–	2.6	3.2	3.4	3.9	4.3
Length [mm]	140.0	27.0				
Specific height/length [mm]	14.5					
Art. No.						
	937200	937202	937203	937204	937206	937205

SIC Bone Condenser Set by Dr. A. Weidmann



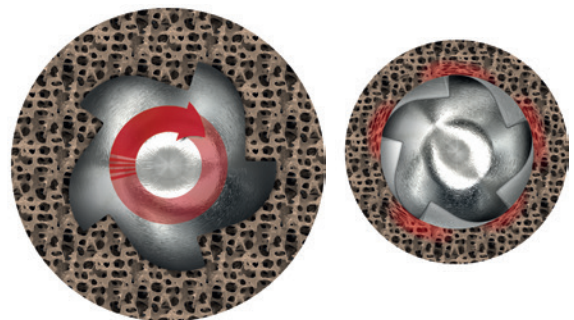
Consisting of Tray, Handle, 5 inserts

Art. No.	
937220	





SIC Bone Condenser







The SIC Bone Condenser, with an instrument design based on an idea suggested by Dr. A. Weidmann, enables atraumatic condensing of the implant site in the cancellous bone. Bone preparation with the new, patented instrument geometry of the condenser attachment greatly improves primary stability during implant placement in soft bone.

The bone condenser is used in ascending sequence until the required final diameter is reached, whereby the sizes, depth marks and colour coding correspond to those of the SIC implant systems. By tapping in the bone condenser the local bone is displaced apically and the bone condensed minimally invasively by **rotating the condenser radially (clockwise)**, slowly and gently by **at least 90 degrees**.



Surgical Accessories

SIC Gingiva Punch "Safety Punch"		
Compatible with		
Material: stainless steel for surgical devices		
Diameter [mm]	3.5	4.4
Length [mm]	20.5	
	Art. No.	
	937151	937150

Art. No.	
937323	<p>SIC Probe for Gingiva Punch, universal</p> <p>Diameter [mm] 1.9</p> <p>Length [mm] 35.0</p> <p>Material stainless steel for surgical devices</p> <p>Geometry of the connection [mm] Hex 1.22</p>
	
Art. No.	
935212	<p>SIC Drill extension</p> <p>Length [mm] 27.0</p> <p>Material stainless steel for surgical devices</p> <p>Geometry of the connection ISO Adapter</p> <p>Angle Piece</p> <p>Compatible with SIC Angle Piece Instruments</p>
	
Art. No.	
935230	<p>SIC Cutter Ø 5.2 mm for SIC "Safe on Four", with Guidance Tip</p> <p>Diameter [mm] 5.2</p> <p>Length [mm] 31.0</p> <p>Material stainless steel for surgical devices</p> <p>Geometry of the connection ISO Adapter</p> <p>Angle Piece</p>
	

SIC Depth Gauge

Compatible with		
Material: Titanium Grade 5		
Diameter [mm]	2.0	2.8
Length [mm]	23.5	
Specific height/length [mm]	20.0	
Art. No.		
	935165	935166

SIC Counter Ratchet with "Easy Handle"

Diameter [mm] 1.6
Length [mm] 28.0
Geometry of the connection [mm] Hex 3.0
Material Titanium Grade 5



Art. No.	
937122	

SIC Distance Control "Surgery"

Compatible with		
Material: Titanium Grade 5		
Ø Implant connection [mm]	3.3	4.2
Length [mm]	15.5	
Specific height [mm]	10.5	
Geometry of the connection [mm]	cylindrical 2.0	
Art. No.		
	935320	935322

Art. No.



935351

SIC X-Ray Balls Ø 5.0 mm, 10 pieces



Diameter [mm] 5.0
Material stainless steel for surgical devices

Z9913

SIC Dental Implant Pass, 20 pieces





SIC X-Ray Positioning Devices



SICace®, 1.25:1 and 1:1	SICvantage max®, SICmax®, 1.25:1 and 1:1	SICmax onepiece, 1.25:1 and 1:1
Art. No.		
935007	935008	935009

Insertion Tools Surgery




SIC Insertion Tools, Angle Piece

Material: stainless steel for surgical devices		 long
Length [mm]	20.0	28.0
Geometry of the connection [mm]	Hex 3.0	
	Art. No.	
	937113	937112



SIC TR Insertion Tools






Material: stainless steel for surgical devices		 "direct", long
Length [mm]	22.5 "direct", short	32.5
Geometry of the connection [mm]	Hex 2.3	
	Art. No.	
	937102	937103

SIC TR Screwdrivers

Material: stainless steel for surgical devices			
	extra short, hex. 1.2 mm	short, hex. 1.2 mm	long, hex. 1.2 mm
Length [mm]	17.0	25.0	32.5
Geometry of the connection [mm]	Hex 1.2		
	Art. No.		
	937130	937128	937129

SIC Screwdriver, Angle Piece

Material: stainless steel for surgical devices		
	short, hex. 1.2 mm	long, hex. 1.2 mm
Specific height/length [mm]	5.0	15.0
	Art. No.	
	937032	937031

Art. No.	● ● ● ●	Art. No.	● ● ● ●
937127	SIC Torque Ratchet, Titanium, incl. Adapter for Angle Piece Instruments Diameter [mm] 7.0 Length [mm] 99.0 Width [mm] 12.0 Material Titanium Grade 5		937122 SIC Counter Ratchet with "Easy Handle" Diameter [mm] 1.6 Length [mm] 28.0 Geometry of the connection [mm] Hex 3.0 Material Titanium Grade 5
937108	SIC TR Adapter for Angle Piece Instruments Length [mm] 19.5 Material stainless steel for surgical devices Compatible with SIC Angle Piece Instruments		935300 SIC "Easy Screw" designed by Dr. G. Bayer Length [mm] 175.0 Material stainless steel for surgical devices Compatible with ISO Adapter Angle Piece and Implant Insertion Post
937109	SIC TR Insertion Tool S, short Length [mm] 19.0 Material stainless steel for surgical devices Geometry of the connection [mm] Hex 3.0		 

Guided Surgery



SIC Surgical Tray, Guided Surgery	p. 70
SIC GS Gingiva Punches	p. 70
SIC Drill Systems	p. 71
SIC GS Countersinks	p. 71
SIC GS Pilot Drills	p. 71
SIC GS Extension Drills	p. 72
SIC GS Bone Taps	p. 73
SIC GS Insertion Tools	p. 74
SIC GS Drill Keys	p. 74
SIC GS Sleeves	p. 74

■ SIC Guided Surgery

3D diagnosis in combination with prosthetically oriented backwards planning increases reliability for determining the optimal tooth position.





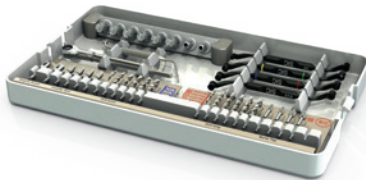
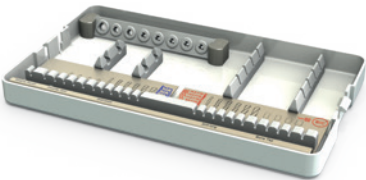
SIC Guided Surgery is a software-independent surgical system for template-guided, navigated implant insertion. Important characteristics are compactness, efficiency and ergonomics of the instrumentarium. Maximum flexibility due to open connection to current planning tools, variability due to the possibility of laboratory or industrial production of the guiding templates, surgical freedom with maximum functionality and precision predominated during the conception and development of the system.

- Software-independent, open instrument set
- Implemented in the planning tools: SimPlant® (Dentsply Sirona), CeHa imPLANT® (med 3D), coDiagnostiX® (Straumann®), SKYplanX (bredent), SICAT Implant (SICAT GmbH & Co. KG), smop Planning Solution (Swissmeda AG), Nemotec (Software Nemotec, S.L.), Implant Studio (3Shape), Natrodent.
- Fabrication of the guide centrally by Materialise Dental, SICAT GmbH & Co. KG or in a local dental laboratory
- Guidance of implant placement using the guide template
- Maximum flexibility for the operator (no fixed depth stops)
- Master sleeve \varnothing 5.2 mm for standard indications and Master sleeve \varnothing 3.1 mm for lateral and lower incisors









Guided Surgery









SIC Surgical Tray, Guided Surgery



Compatible with	 SICace Ø 3.4 mm SICmax Ø 3.7 mm	 SICace Ø 4.0 mm SICmax Ø 4.2 mm	 SICace Ø 4.5 mm SICmax Ø 4.7 mm	 SICace Ø 5.0 mm SICmax Ø 5.2 mm
				
	equipped		empty	
Length/Height/Width [mm]	250/25/150			
	Art. No.			
	933110		935518	



SIC GS Gingiva Punches

Compatible with	 	 
Material: stainless steel for surgical devices		
Diameter [mm]	4.2	5.2
Length [mm]	26.0	
Specific height/length [mm]	10.0	
Geometry of the connection	ISO Adapter Angle Piece	
	Art. No.	
	937154	937155
















Drill Systems

SIC GS Countersinks				
Compatible with	 SICace Ø 3.4 mm SICmax Ø 3.7 mm	 SICace Ø 4.0 mm SICmax Ø 4.2 mm	 SICace Ø 4.5 mm SICmax Ø 4.7 mm	 SICace Ø 5.0 mm SICmax Ø 5.2 mm
Material: stainless steel for surgical devices				
Diameter [mm]	3.4	3.9	4.4	4.9
Length [mm]	29.5			
Specific height/length [mm]	15.5			
Geometry of the connection	ISO Adapter Angle Piece			
	Art. No.			
	935550	935551	935566	935552
















SIC GS Pilot Drill	
Compatible with	
Material: stainless steel for surgical devices	
Diameter [mm]	2.0
Length [mm]	35.5
Specific height/length [mm]	21.5
Geometry of the connection	ISO Adapter Angle Piece
	Art. No.
	935553

SIC GS Pilot Drill, long	
Compatible with	
Material: stainless steel for surgical devices	
Diameter [mm]	2.0
Length [mm]	40.0
Specific height/length [mm]	26.0
Geometry of the connection	ISO Adapter Angle Piece
	Art. No.
	935554









SIC GS Extension Drills

Compatible with	   	  	 		
Material: stainless steel for surgical devices					
	"Smart Drill"				
Diameter [mm]	2.0/2.5/2.8	3.1	3.25	3.75	4.25
Length [mm]	35.5				
Specific height/length [mm]	21.5				
Geometry of the connection	ISO Adapter Angle Piece				
	Art. No.				
	935555	935556	935557	935567	935558




SIC GS Extension Drills, long

Compatible with	   	  	 		
Material: stainless steel for surgical devices					
	"Smart Drill"				
Diameter [mm]	2.0/2.5/2.8	3.1	3.25	3.75	4.25
Length [mm]	40.0				
Specific height/length [mm]	26.0				
Geometry of the connection	ISO Adapter Angle Piece				
	Art. No.				
	935559	935560	935561	935568	935562

SIC GS Bone Taps





Compatible with	 SICace Ø 3.4 mm SICmax Ø 3.7 mm	 SICace Ø 4.0 mm SICmax Ø 4.2 mm	 SICace Ø 4.5 mm SICmax Ø 4.7 mm	 SICace Ø 5.0 mm SICmax Ø 5.2 mm
Material: stainless steel for surgical devices				
Diameter [mm]	3.4	4.0	4.5	5.0
Length [mm]	35.5			
Geometry of the connection	ISO Adapter Angle Piece			
	Art. No.			
	935563	935564	935569	935565

SIC GS Insertion Tools, Angle Piece



Compatible with		
Material: stainless steel for surgical devices		 long
Length [mm]	23.0	28.0
Geometry of the connection [mm]	Hex 3.0	
	Art. No.	
	937115	937114

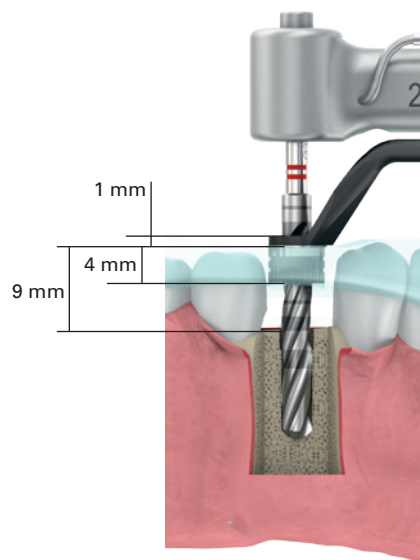
SIC invent | Guided Surgery

SIC GS Drill Keys

Compatible with	(see Surgical Guideline SIC Guided Surgery)			
Material: stainless steel for surgical devices				
	and for Bone Tap for Sleeve Ø 5.2 mm			
Diameter 1 [mm]	2.0, Sleeve Ø 3.1 mm	2.0	3.10	3.75
Diameter 2 [mm]	2.4 (Tap), Sleeve Ø 5.2 mm	2.8	3.25	4.25
For sleeve Ø [mm]	5.2			
	Art. No.			
	935580	935581	935582	935583

SIC GS Sleeves

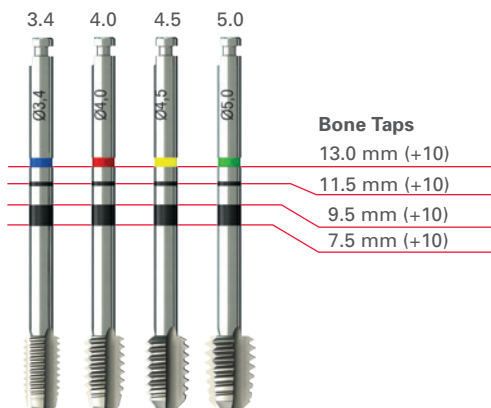
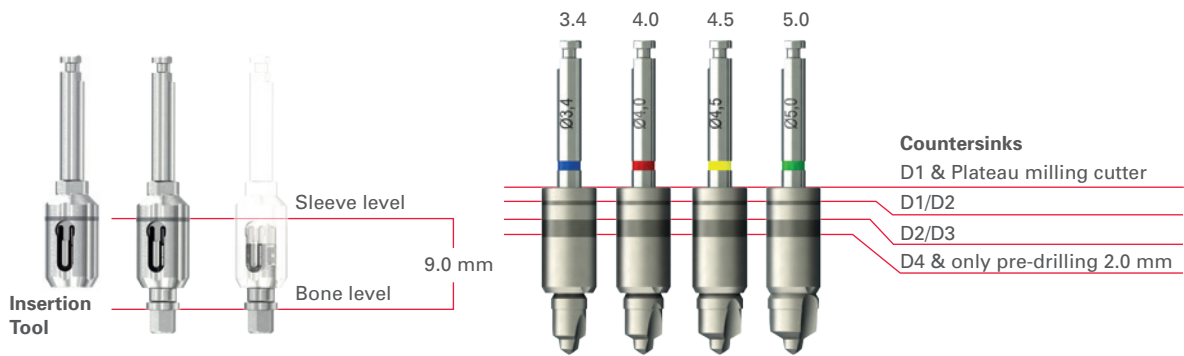
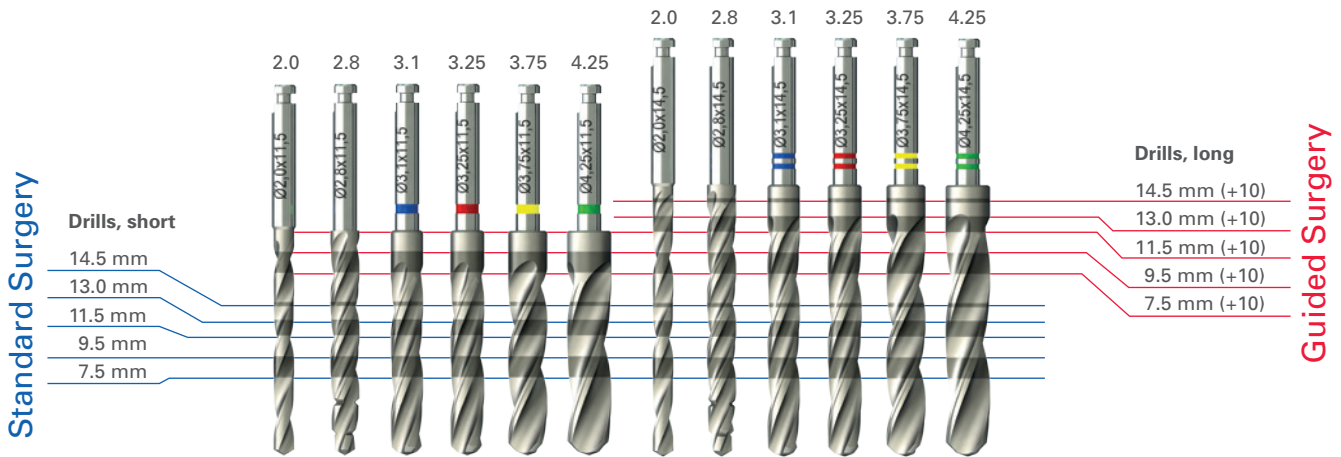
Compatible with: (see Surgical Guideline SIC Guided Surgery)	●	● ● ● ●
Material: Titanium Grade 4		
Diameter [mm]	3.1	5.2
Outer diameter [mm]	4.0	6.0
	Art. No.	
	935590	935591



Planning dimensions for sleeve positioning in the guide template

Art. No.	● ● ● ●
935592	SIC GS Fixation Post, for Sleeve Ø 5.2
	Diameter [mm] 5.2
	Specific height [mm] 9.0

SIC Guided Surgery – Overview of Tools



Biomaterials

SIC nature graft

SIC nature graft is a purely biological, anorganic augmentation material of phycogene origin.

SIC nature graft is distinguished by an interconnecting porosity, a honey-comb-like structure and a coarse surface. These characteristics guarantee optimum osteoconduction and rapid bone regeneration.



SICmeso Guard® Dental Membrane

Native membrane with extended barrier function

Latest membrane technology GBR/GTR developed and manufactured by our partner, DSM Biomedical which is one of the leading manufacturers of biomaterials.

The membrane is of porcine origin and is composed of a natural grown network of collagen and elastic fibres in the mesothelium of the peritoneum. The use of membranes out of the mesothelium of the peritoneum is a first in oral implantology. The origin-related, natural high stability of the membrane is achieved without artificial cross-linking only by gentle harvesting and processing of the tissue.

SICmeso Guard® has an open porous structure on both sides to allow for cellular infiltration and vascularization, enabling the remodeling by the body's own tissue.

Due to the optimized pore size, the complete remodeling will be effected after approx. 6 months.



Bone Grafting	p. 77
SIC nature graft	p. 77
SICmeso Guard Dental Membrane	p. 77

Bone Grafting Material

SIC nature graft



SIC nature graft 1×0.5 ml
(granule size 0.3–1.0 mm)



SIC nature graft 1×1.0 ml
(granule size 0.3–1.0 mm)



SIC nature graft 1×2.0 ml
(granule size 0.3–1.0 mm)

Material	hydroxyapatite of phycogene origin		
	Art. No.		
	510808	510816	510824

Membrane

SICmeso Guard® Dental Membrane



Size: 15 x 20 mm



Size: 20 x 30 mm

Material	Native collagen membrane from porcine mesothelium of peritoneal origin	
	Art. No.	
	530015	530020



CERTIFICATE



This is to certify that the company



SIC invent AG

Birmannsgasse 3
4055 Basel
Switzerland

with the organizational units/sites as listed in the annex

has implemented and maintains a **Quality Management System**.

Scope:

Development, manufacturing and distribution of dental implant systems, risk class I instruments and bioresorbable bone filling material

Through an audit, documented in a report, performed by DQS Medizinprodukte GmbH, it was verified that the management system fulfills the requirements of the following standard:

EN ISO 13485 : 2012 + AC : 2012

Certificate registration no.	293238 MP2012
Certificate unique ID	170660679
Effective date	2017-01-01
Expiry date	2019-12-31
Frankfurt am Main	2016-12-09



DQS Medizinprodukte GmbH

Sigrid Uhlemann
Managing Director

Dr. Thomas Feldmann
Head of Certification Body



Accredited Body: DQS Medizinprodukte GmbH, August-Schanz-Str. 21, 60433 Frankfurt a. M., Germany

1 / 2

410.22, Version 2.0



EC-CERTIFICATE

(Full quality assurance system)



This is to certify that the company



SIC invent AG

Birmannsgasse 3
4055 Basel
Switzerland

has implemented and maintains a full quality assurance system which applies to the products at every stage from design to final controls.

Through an audit, documented in a report, performed by DQS Medizinprodukte GmbH, it was verified that the management system fulfills the requirements of

Annex II – excluding Section 4 of Council Directive 93/42/EEC concerning medical devices

with respect to the following medical devices:

Dental Implants, Abuments, Accessories as listed in the annex

The manufacturer is subject to surveillance according to Annex II, Section 5. The CE marking with the Notified Body Identification Number (0297) may be affixed on the devices listed in the certificate. An EC Design Examination Certificate according to Annex II, Section 4 is required for class III devices covered by this certificate. The certificate is in the case of class I(s) devices (I(s) = class I products placed on the market in sterile conditions) limited to the aspects of manufacture concerned with securing and maintaining sterile conditions. The certificate is in the case of class I(m) devices (I(m) = class I devices with a measuring function) limited to the aspects of manufacture concerned with the conformity of the products with the metrological requirements.

Certificate registration no.	293238 MR2
Certificate unique ID	170660686
Effective date	2017-01-01
Expiry date	2021-12-31
Frankfurt am Main	2016-12-09

DQS Medizinprodukte GmbH

Sigrid Uhlemann
Managing Director

Dr. Thomas Feldmann
Head of Certification Body

August-Schanz-Straße 21, 60433 Frankfurt am Main,
Tel. +49 (0) 69 96427-300, medical.devices@dqs-med.de

DQS Medizinprodukte GmbH is a Notified Body according to Council Directive 93/42/EEC concerning medical devices with the Identification Number 0297.

1 / 2

411.20, Version 1.0



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