Implants from Implantologists

Schilli Implantology Circle

SIC®

Product Overview

Dental Implant Systems | Biomaterials

SICace®

SICmax®

SICmax onepiece

10/2014

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 26 subsidiaries and distribution partners worldwide. **Implants from Implantologists**.

Schilli
Implantology
Circle

SIC®

SIC invent

Dear Partners and Friends,

More than 10 years ago, my father and I founded SIC invent. 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.

Thanks to our members and fellows amongst others, we will launch MY-SIC online this autumn. MY-SIC is a web-based platform which not only intends to promote continuing education of dental surgeons, prosthodontists and dental technicians but also as communication centre for professional exchange with colleagues.

You have in front of you our newly designed company catalogue in which we present not only the familiar range of products but also numerous innovations.

The individual approach

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

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

Sincerely
Georg 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

SIC invent Implant Systems

SICace®

SICace®

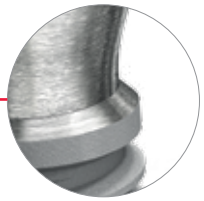
The SICace® threaded cylindrical implant is characterised by an innovative, self-tapping screw design which follows the applied and recommended values of the “Arbeitsgemeinschaft für Osteosynthese” (AO - Association for the Study of Osteosynthesis).
It is suitable for all indications in oral implantology, 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



Schilli Implantology Circle SIC®

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 Provisional Implants

SIC Provisional Implants

The concept for temporary immediate prosthetic restoration is to avoid undesirable loading of simultaneously implanted definitive implants and to increase patient comfort.
Patients' expectations of implant-based restorations are extremely high nowadays. Temporary edentulousness is not accepted and removable temporary restorations are often refused. The SIC provisional implants provide a treatment concept that allows an economical and fixed interim restoration. The SIC Provisional Implants are available in a diameter of 2.3 mm and lengths of 10 mm and 13 mm. Both an O-ring attachment for fixing a prosthesis and a tapered abutment for cementing a bridge are available for prosthetic restoration. The only instruments required are a drill and an insertion instrument.

- **Interface with ball connection and retention area for screw retention via square connection**
- Transgingival region with a height of 3.5 mm
- **Cylindrical main thread with large surface and conical, aggressive apex**
- Provisional implants are manufactured from Grade 4 titanium and have a purely machined surface

SIC invent Surgical Guidelines

SICace®

SICmax®

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	x	x	x
Crestal Drill 3.3	x			
Bone Tap 3.4	(x)			
Ext. Drill 3.25		x	x	x
Crestal Drill 3.75		x		
Bone Tap 4.0		(x)		
Ext. Drill 3.75			x	x
Crestal Drill 4.25			x	
Bone Tap 4.5			(x)	
Ext. Drill 4.25				x
Crestal Drill 4.75				x
Bone Tap 5.0				(x)

(x) = optional, according to bone quality

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.

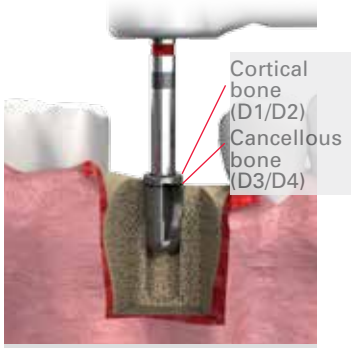
2 Pilot Drilling:
Using the Ø 2.0 mm pilot drill, the implant length and axial alignment are then determined. The drilling depth can be checked optically using the depth markings on the drills or using the optional depth stop system. Speed max. 800 rpm.

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

4 Initial Extension Drilling:
The pilot drill hole is extended using the "Smart Drill" Ø 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 Ø 2.8 mm depth gauge.

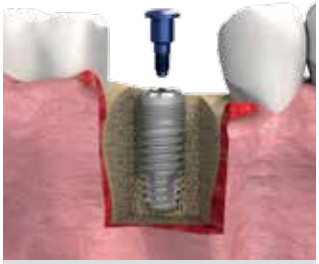
6 Further Extension Drilling:
The use of the respective SIC Ø 3.1 / 3.25 / 4.25 mm extension drills depends on the planned implant diameter (see overview top left). Speed max. 800 rpm. (We recommend a lower speed with each of the last extension drills. Below 60 rpm external cooling using a chilled, sterile,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



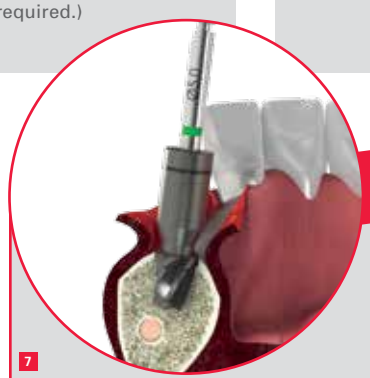
7 Crestal Drill:
The depth of drilling depends on the bone quality (see graphic). Speed max. 650 rpm. (We recommend a lower speed when using the crestal drill. Below 60 rpm external cooling using a chilled, sterile, physiological saline solution (NaCl) or ringer solution is no longer required.)

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.



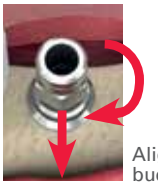
10 Implant closure:
Finally the implant is sealed using the cover screw and saliva-proof wound closure.



Caution: to be used only with SICace® 6.00 mm implants

7

Caution (replaces step 7 and step 8 in the standard protocol)
With SICace® 6.00 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.)

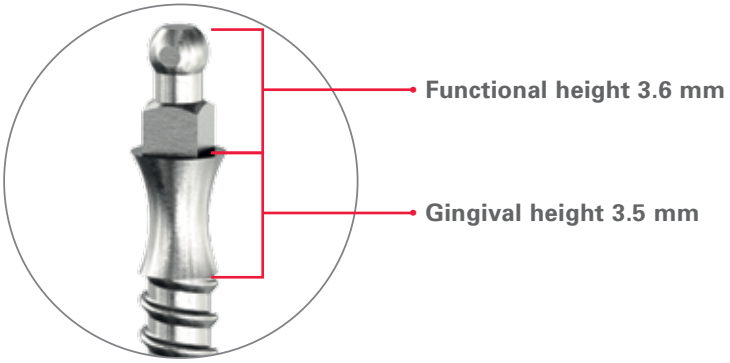


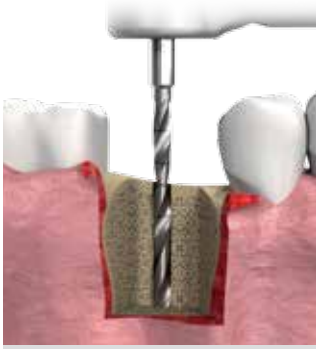
Align buccally

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

SIC Provisional Implants





1 Pilot Drilling:
After making a flap and marking the implant location, the Ø 1.5 mm pilot drill is to be used to establish the implant length and alignment. Especially for dense bone (D1), a 1.7 mm pilot drill is useful. Max. speed 800 rpm.

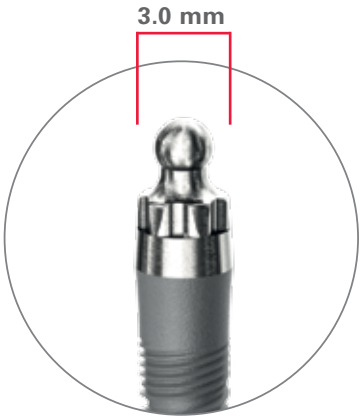
2 Provisional Implant Insertion:
Inserting the implant can be done machine driven with the Insertion Tool for Angle Piece directly (max. 25 rpm) or additionally with the SIC TR Adapter for Angle Piece for Ratchet. The implant should be inserted until the crestal end of the thread.

3 Prosthetic Restoration:
After insertion, the provisional implant can be combined either with an O-Ring Attachment or a Conical Abutment. (Both are useful in case of overdenture prosthesis and bridgework).

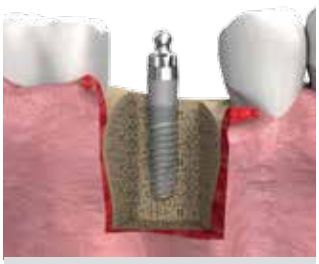
SICmax onepiece

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

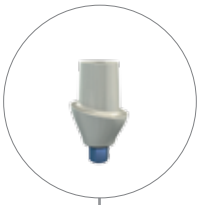
Caution:
The final position of the implant should always be aligned so that the clip of the insertion tool faces buccally.

SIC invent Prosthetic Guideline

Gingiva Shaper
· cylindrical
· concave anterior
· concave posterior

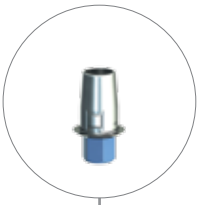
Impression Technique
Reposition/Open Tray Technique

SIC P2F Abutment Dr. Galip Gurel
p. 33



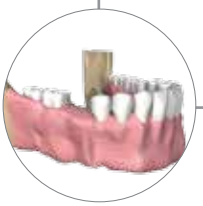
Standard Abutments
p. 34

CAD/CAM Abutments
p. 47

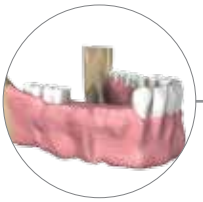


"Flex Star" Abutments
p. 39

"Flex Star" (bridge) Abutments
p. 39

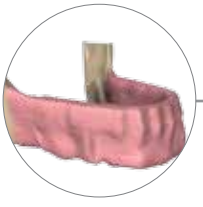


Single tooth restoration



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

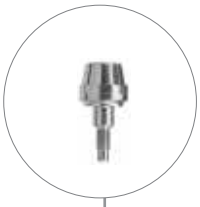
Multi-Unit Abutment System “Safe on Four”
p. 41

Bar and Bridge Abutments
p. 45

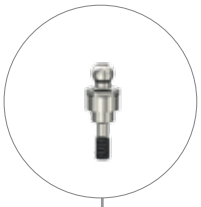
“White Star” Abutments
p. 40

Locator® Attachments
p. 50

Steco Magnetic Attachment
p. 53



Ball and Socket Attachments
p. 52



Implants

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	Inner Hex 2.3			
Length [mm]	**Art. No.**			
6.0*		**935140** [NEW]	**935141** [NEW]	**935142** [NEW]
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	Inner Hex 2.3			
Length [mm]	**Art. No.**			
6.0		**935265** [NEW]	**935266** [NEW]	**935267** [NEW]
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**	

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. 51)**

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
935413 	**SIC Transfer Cap, reposition, for SICmax onepiece** Specific height/length [mm] 5.5 Material POM 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
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

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
935416 	**SIC Replacement O-Ring for SICmax onepiece, 10 pieces, soft, red** Material Silicone, 50 Shore Geometry of the connection [mm] for ball Ø 1.8
936233 	**SIC Scan Adapter for SICmax onepiece, for digital modelling of CAD/CAM Customized Milled Abutments** Precondition: Open CAD/CAM system SimedaCAD, 3 Shape, ExoCAD (Fraunhofer), DentalWings or LaserDenta with output of unencrypted STL-data Manufacturing of Abutments: simeda medical, Luxemburg Geometry of the connection Cone with Torx

Provisional Implants

SIC Provisional Implants

2 pieces, incl. choice of 2 Abutments, (O-Ring/Conical Abutment)

Diameter	Ø 2.3 mm	Ø 2.3 mm
Material: Titanium Grade 4		
Ø Prosthetic connection [mm]	2.75	
Geometry of the connection [mm]	External Square and Ball Ø 1.8	
Length [mm]	10.0	13.0
	Art. No.	
	935401	**935400**

SIC Accessories Provisional Implants

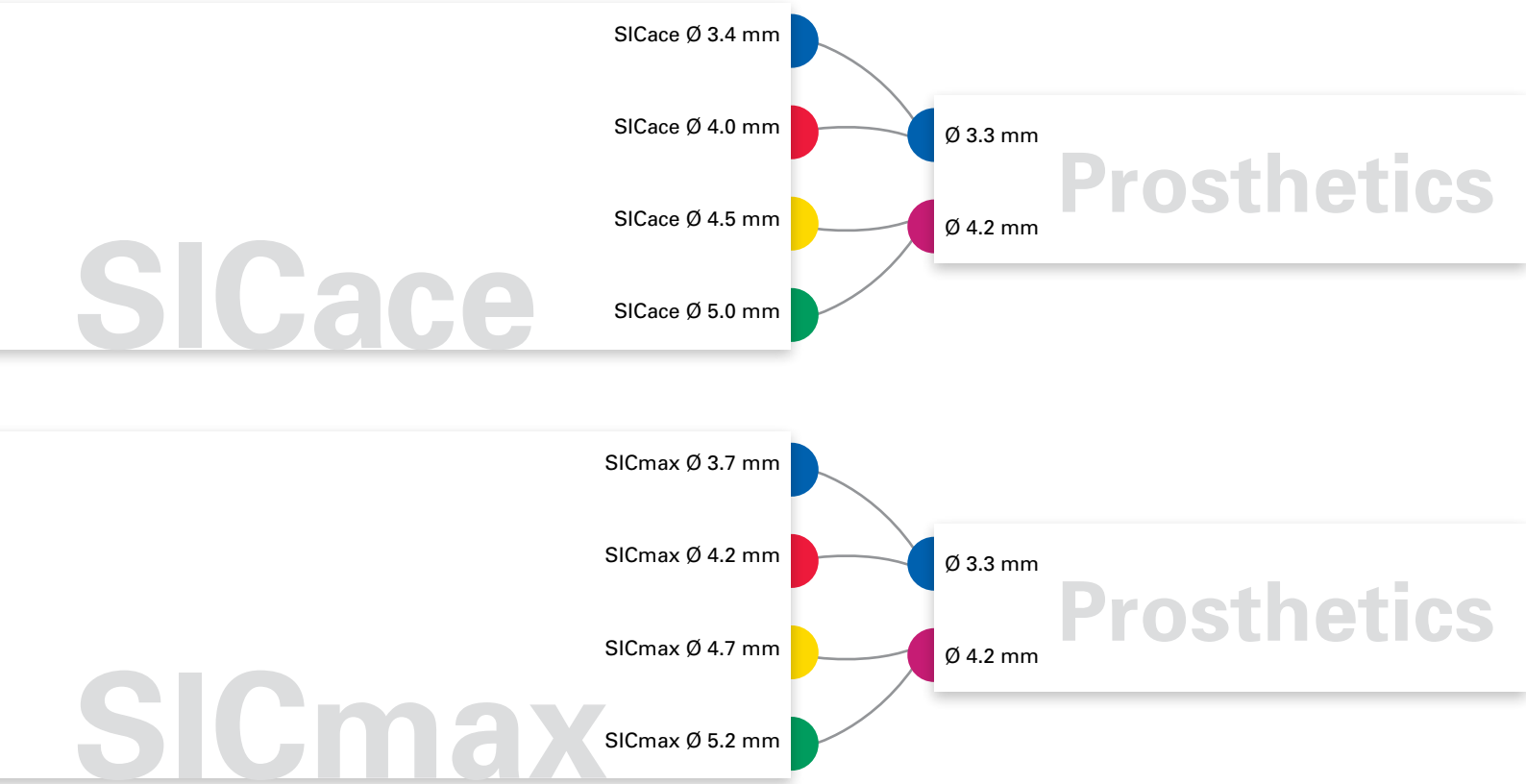
SIC Drills for Provisional Implants

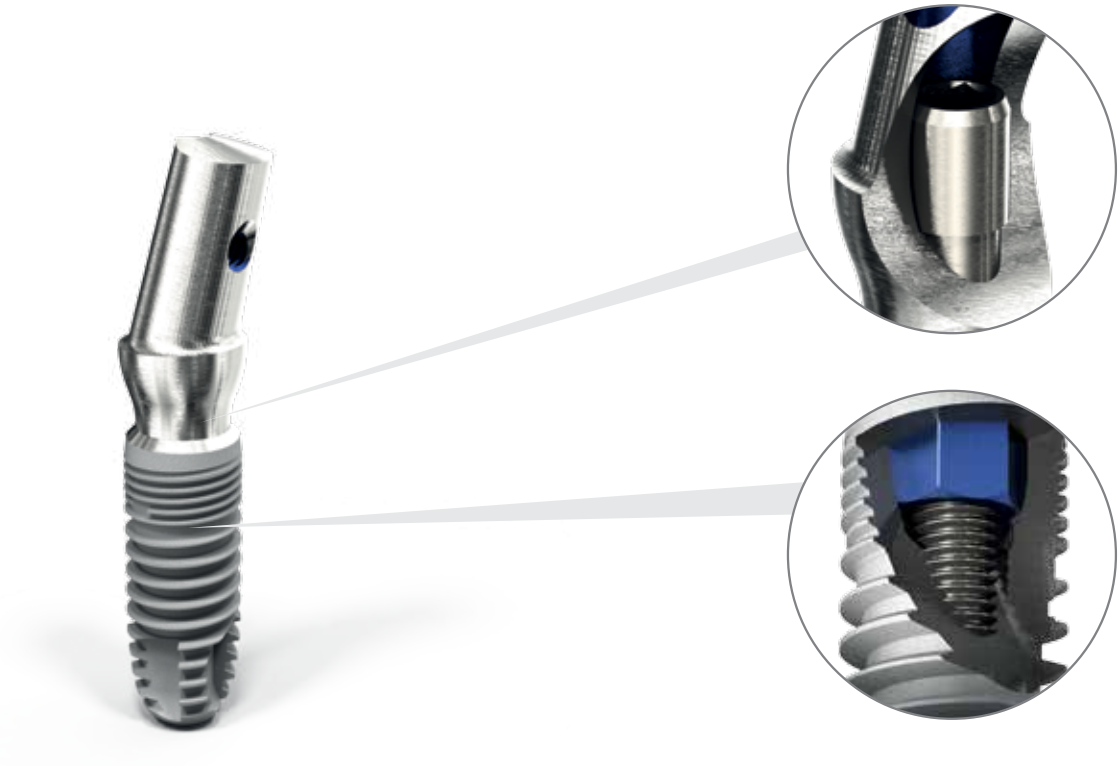
Material: stainless steel for surgical devices		
Diameter [mm]	1.5	1.7
Length [mm]	28.0	34.0
Specific height/length [mm]	13.0	22.0
Geometry of the connection	ISO Adapter Angle Piece	
	Art. No.	
	935229	**935407***

***only for bone quality D1**

Art. No.	
935404 	**SIC Insertion Tool for Provisional Implants** Length [mm] 19.0 Material stainless steel for surgical devices Geometry of the connection Inner Square
935402 	**SIC Conical Abutment for Provisional Implants** Diameter prosthetic connection [mm] 2.75 Diameter [mm] 4.3 Total height [mm] 6.5 Angulation [°] 0 Material Titanium Grade 5 Geometry of the connection Inner Square
935403 	**SIC O-Ring Attachment for Provisional Implants** Diameter prosthetic connection [mm] 1.8 Diameter [mm] 4.8 Total height [mm] 3.5 Material Titanium Grade 5 Geometry of the connection Ball/O-ring

Prosthetics





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
	Art. No.				
	935061	**935062**	**935063**	**935065**	**935064**

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
	Art. No.			
	935080	**935081**	**935087**	**935082**

Schilli Implantology Circle SIC®

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	5.0	7.0
	Art. No.					
	935069	**935076**	**935077**	**935072**	**935078**	**935070**

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**

SIC Fixation Screws 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* [NEW]	**935751*** [NEW]

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* [NEW]	**935753*** [NEW]

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* [NEW]	**935755*** [NEW]

*** 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 [NEW]	**936301** [NEW]

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 [NEW]	**936305** [NEW]	

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**

Schilli Implantology Circle SIC®

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: PtIr		 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. 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

Art. No. 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

Art. No. 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

Art. No. 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

Schilli Implantology Circle SIC®

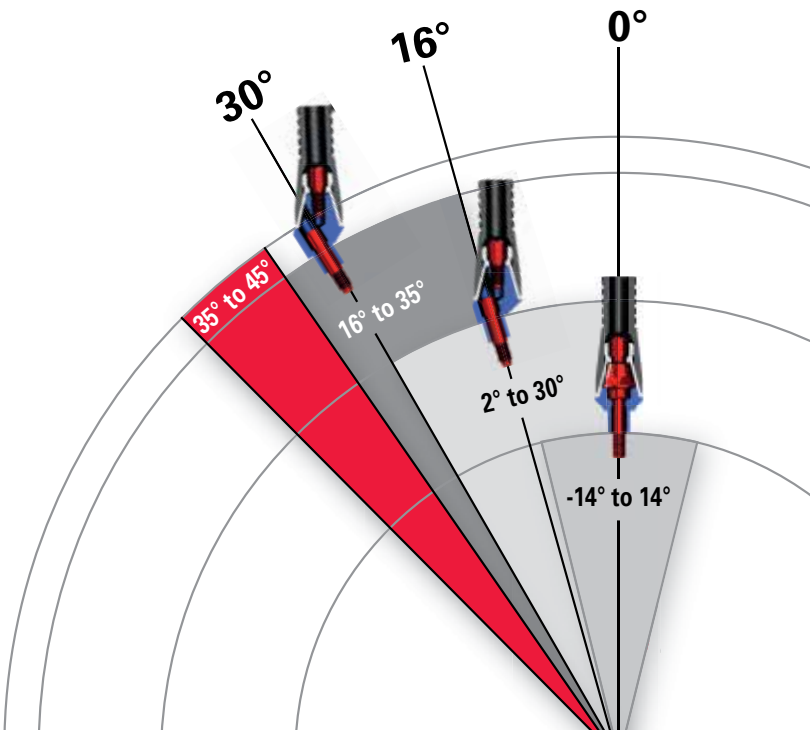
SIC Multi-Unit Abutment System

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.	
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"
936250 	**SIC Transfer Abutment "Safe on Four", reposition (incl. SIC Fixation Screw "Safe on Four" and Transfer Cap Ø 3.3 mm)** Total height [mm] 9.5 Diameter [mm] 5.0 Material Titanium Grade 5 Geometry of the connection Cone "Safe on Four"
936275 [NEW] 	**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"

Art No.	
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
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"

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 [NEW]	**936276** [NEW]	**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 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 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 Bar and Bridge Abutment

The conventional “bar and bridge abutment” system features a two-part design consisting of a crown base or bar coping which is screw-retained on the bar and bridge abutment using a central retention screw. The system is suitable for use with fixed or removable bridges or full restorations. The divergence between the implants can be a maximum of 15°.

SIC Bar and Bridge Abutments

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]	4.6		4.6	
Specific height [mm]	3.5	5.0	3.5	5.0
Cone height [mm]	2.0			
Gingival height [mm]	1.5	3.0	1.5	3.0
Geometry of the connection [mm]	Hex 2.3			
	Art. No.			
	936170	**936171**	**936172**	**936173**

SIC Crown Bases and Bar Coping

Compatible with	● ● ● ●		
Geometry of the connection : conical, round	 SIC Crown Base, Cast-to, for Bar and Bridge Abutments, Ø 3.3/4.2 mm (for non-precious alloy)	 SIC Crown Base, Cast-to, for Bar and Bridge Abutments Ø 3.3/4.2 mm (high-fusing alloy)	 SIC Bar Coping for Bar and Bridge Abutments Ø 3,3/4,2 mm
Ø Prosthetics [mm]	4.7		4.6
Total height [mm]	10.4	10.4	4.5
Material	PtIr	AuPt	AuAgCuPt
	Art. No.		
	936617	**936670**	**936680**

SIC Fixation Screws

Compatible with	Bar and Bridge Abutments			
Material: Titanium Grade 5 Geometry of the connection [mm]: 1.6 and Inner Hex 1.22	 for Crown Base	 for Crown Base	 for Bar Coping	 for Bar Coping
Length [mm]	12.7	14.2	11.2	12.7
Gingival height [mm]	1.5	3.0	1.5	3.0
	Art. No.			
	936430	**936431**	**936432**	**936433**

SIC Soldering Implants for Bar and Bridge Abutment

Compatible with	● ●	● ●
Material: stainless steel for surgical devices		
Ø Prosthetics [mm]	4.6	
Length [mm]	19.0	
Geometry of the connection [mm]	conical, round	
	Art. No.	
	936691	**936692**

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 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]	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

SIC Bonding Base CAD/CAM Ø 3.3 mm, 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			
Specific height [mm]	5.0			
Gingival height [mm]	0.3			
Geometry of the connection [mm]	Hex 2.3			
	Art. No.			
	936188		**936189**	

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	Hex 2.3			
	Art. No.			
	936701		**936703**	

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

SIC Scan Adapter

for digital modelling of CAD/CAM Customized Milled Abutments
(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
		
Ø Implant connection [mm]	3.3	4.2
Geometry of the connection [mm]	Hex 2.3	
	Art. No.	
	936234	**936235**

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

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®

Locator® Attachments

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

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**

Schilli Implantology Circle SIC®

Locator® Replacement Male 4 pieces each

Compatible with	all Locator® Attachments						
					extended application	extended application	extended application
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.

935717

Locator® Matrix Set, 5-part
Material Nylon
Compatible with all Locator® Attachments

935715

Locator® Impression Post
Material Titanium Grade 4
Compatible with all Locator® Attachments

935716

Locator® Lab Implant
Material Titanium Grade 4
Compatible with all Locator® Attachments

Art. Nr.

935722

Locator® Insertion Tool, Angle Piece
Material stainless steel for surgical devices
Compatible with all Locator® Attachments

935714

Locator® Tool, 3-part
Material stainless steel for surgical devices
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**

Schilli Implantology Circle SIC®

Accessories Ball and Socket Attachments

Art. Nr.	
936008 	**Retention Cap, universal** Material Titanium Grade 5 Compatible with SIC Ball and Socket Attachments
936013 	**Spacer for Retention Cap, universal** Material POM 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
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

Art. No.	
936015 	**SIC Paralleling Tool** Material stainless steel for surgical devices 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
936006 	**Torque Ratchet, 4 Ncm, Matrix** Material stainless steel for surgical devices Compatible with SIC Ball and Socket Attachments

Steco Magnetic Attachment

Art. No.	
935095 	**Steco Magnetic Abutment Ø 4.2 mm** Material Titanium Grade 4
935096 	**Steco Magnet for Prosthesis** Material Titanium Grade 4
935097 	**Steco Positioning Cuff for Magnetic Abutment** Material Dental Silicone

Art. No.	
935098 	**Steco Lab Implant for Magnetic Abutment** Material Titanium Grade 4
935099 	**Steco Insertion Tool for Magnetic Abutment** Material Titanium Grade 4

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. 51)**

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

935413

SIC Transfer Cap, reposition, for SICmax onepiece
Specific height/length [mm] 5.5
Material POM
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

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

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

935416

SIC Replacement O-Ring for SICmax onepiece, 10 pieces, soft, red
Material Silicone, 50 Shore
Geometry of the connection [mm] for ball Ø 1.8

936233

SIC Scan Adapter for SICmax onepiece, for digital modelling of CAD/CAM Customized Milled Abutments
Precondition: Open CAD/CAM system SimedaCAD, 3 Shape, ExoCAD (Fraunhofer), DeantalWings or LaserDenta with output of unencrypted STL-data
Manufacturing of Abutments: simeda medical, Luxemburg
Geometry of the connection Cone with Torx

Schilli Implantology Circle SIC®

SIC Accessories Provisional Implants

SIC Drills for Provisional Implants

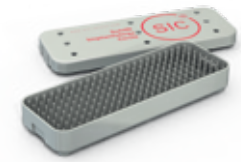
Material: stainless steel for surgical devices		
Diameter [mm]	1.5	1.7
Length [mm]	28.0	34.0
Specific height/length [mm]	13.0	22.0
Geometry of the connection	ISO Adapter Angle Piece	
	Art. No.	
	935229	**935407***

***only for bone quality D1**

Art. No.	
935404 	**SIC Insertion Tool for Provisional Implants** Length [mm] 19.0 Material stainless steel for surgical devices Geometry of the connection Inner Square
935402 	**SIC Conical Abutment for Provisional Implants** Diameter prosthetic connection [mm] 2.75 Diameter [mm] 4.3 Total height [mm] 6.5 Angulation [°] 0 Material Titanium Grade 5 Geometry of the connection Inner Square
935403 	**SIC O-Ring Attachment for Provisional Implants** Diameter prosthetic connection [mm] 1.8 Diameter [mm] 4.8 Total height [mm] 3.5 Material Titanium Grade 5 Geometry of the connection Ball/O-ring

Prosthetic Tools

SIC Prosthetic Tray

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

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
937108 	**SIC TR Adapter for Angle Piece Instruments** Length [mm] 19.5 Material stainless steel for surgical devices Compatible with SIC Angle Piece Instruments
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

Schilli Implantology Circle SIC®

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 Drilling System with a Depth Stop

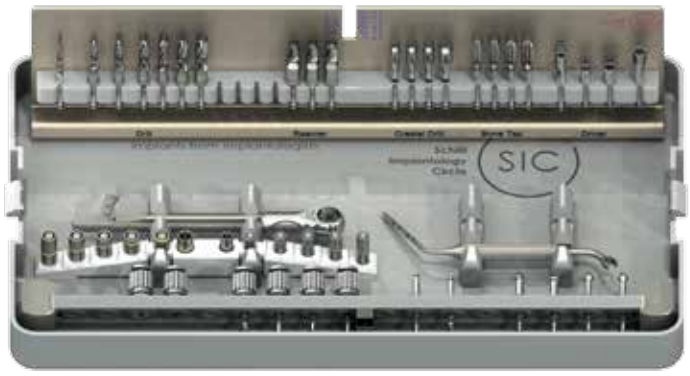
The SIC drilling system with depth stop is a very flexible system for reliable, quick implant placement. The drills can be used with or without the depth stop. A secure friction fit guarantees the high functionality of the depth stop.
This is achieved by a clip on the drill depth stop which can simply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

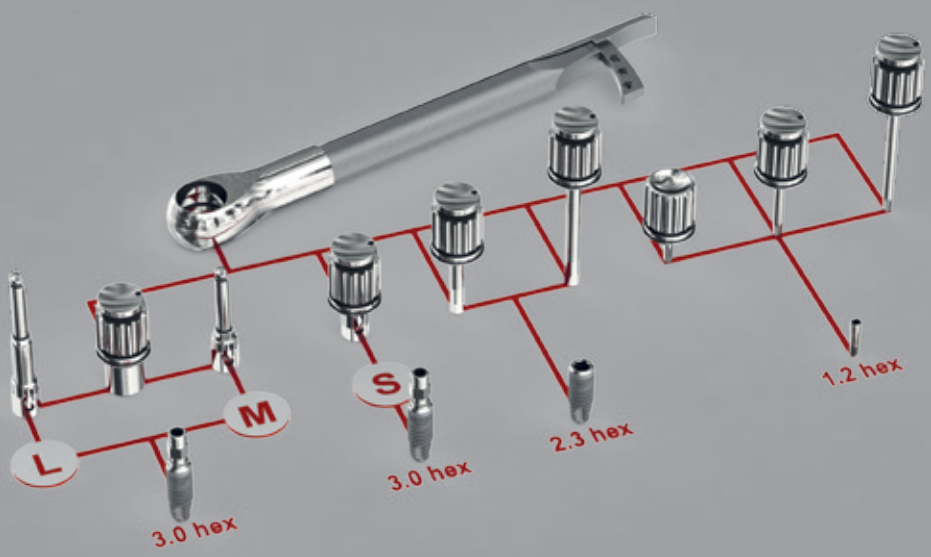
SIC Surgical Tray

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.

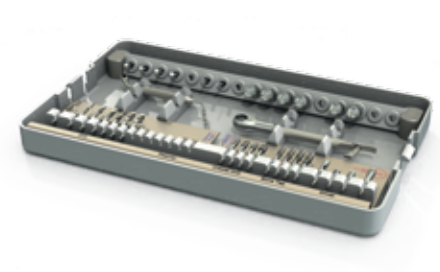
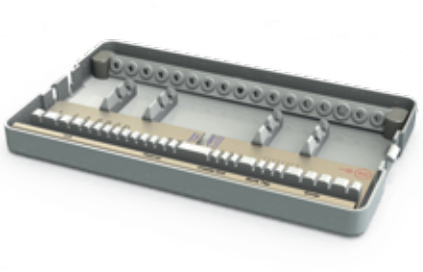
All three SIC invent implant lines are compatible with the instruments of the SIC surgical tray. With this "SIC one4all Concept™", we meet the demands of the dental practitioner for ease of use and cost-effectiveness.





Surgical Trays

SIC Surgical Tray

Compatible with	SICace | SICmax | SICmax onepiece	
	 SIC Surgical Tray with Titanium Ratchet, equipped	 SIC Surgical Tray universal, empty
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

Schilli Implantology Circle SIC®

SIC Short Drills

Compatible with	● ● ● ● ●	● ● ● ●	● ● ●	● ●	●
Material: stainless steel for surgical devices		 “Smart Drill“				
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		 “Smart Drill“				
Diameter [mm]	2.0	2.0/2.5/2.8	3.1	3.25	3.75	4.25
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**

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 L¹* [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**

*L¹ = Implant Length

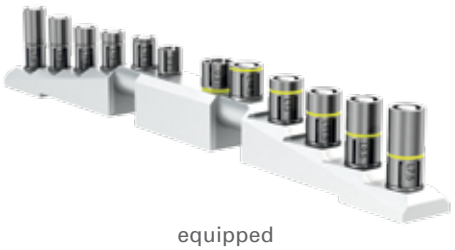
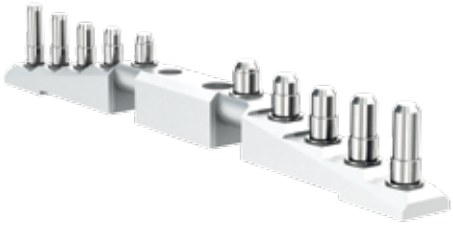
SIC Depth Stops for Drills

up to Ø 4.25 mm

To use with implant diameter	● ●					
Material: stainless steel for surgical devices						
Diameter [mm]	5.7					
for L¹ [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 4.25 mm					
Geometry of the connection	ISO Adapter Angle Piece					
	Art. No.					
	935256	**935251**	**935252**	**935253**	**935254**	**935255**

*L¹ = Implant Length

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
 Depth stop without marking	**935214**	**935215**	**935216**	**935217**		
 Depth stop with marking					**935220**	**935218**

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 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 [NEW]	**935128** [NEW]	**935129** [NEW]

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**

Schilli Implantology Circle SIC®

SIC Bone Condenser by Dr. A. Weidmann

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

SIC Bone Condenser Set by Dr. A. Weidmann

Consisting of Tray, Handle, 4 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 system. 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		**SIC Probe for Gingiva Punch, universal** Diameter [mm] 1.9 Length [mm] 35.0 Material stainless steel for surgical devices Geometry of the connection [mm] Hex 1.22
Art. No.		● ● ● ● ●
935212		**SIC Drill extension** Length [mm] 27.0 Material stainless steel for surgical devices Geometry of the connection ISO Adapter Angle Piece Compatible with SIC Angle Piece Instruments
Art. No.		● ● ● ● ●
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

Schilli Implantology Circle SIC®

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	Hex 3.0
Material	Titanium Grade 5

	Art. No.
	937122 [NEW]

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	 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“, short	 “direct“, long
Length [mm]	22.5	32.5
Geometry of the connection [mm]	Hex 2.3	
	Art. No.	
	937102	**937103**

Schilli Implantology Circle SIC®

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**

Standard Surgery

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

937108

SIC TR Adapter for Angle Piece Instruments
Length [mm] 19.5
Material stainless steel for surgical devices
Compatible with SIC Angle Piece Instruments

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

Art. No.

937122 [NEW]

SIC Counter Ratchet with "Easy Handle"
Diameter [mm] 1.6
Length [mm] 28.0
Geometry of the connection Hex 3.0
Material Titanium Grade 5

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

Guided Surgery

SIC Guided Surgery

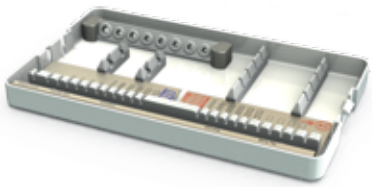
3D diagnosis in combination with prosthetically oriented backwards planning increases reliability for determining the optimal tooth position.

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-independant, open instrument set
- Implemented in the planning tools: SimPlant® (Materialise Dental), 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).
- 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 Ø 5.2 mm for standard indications and Master sleeve Ø 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**

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**

Schilli Implantology Circle SIC®

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**

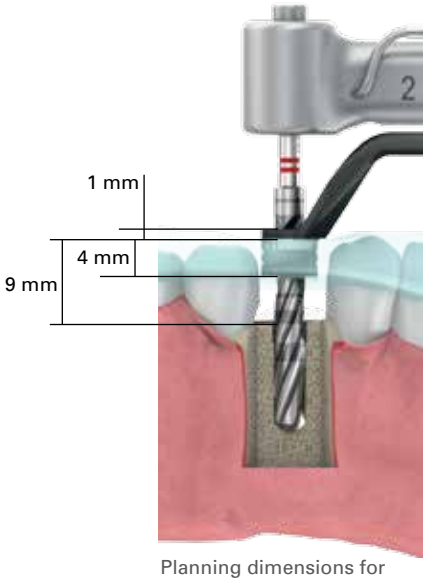
Guided Surgery

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**

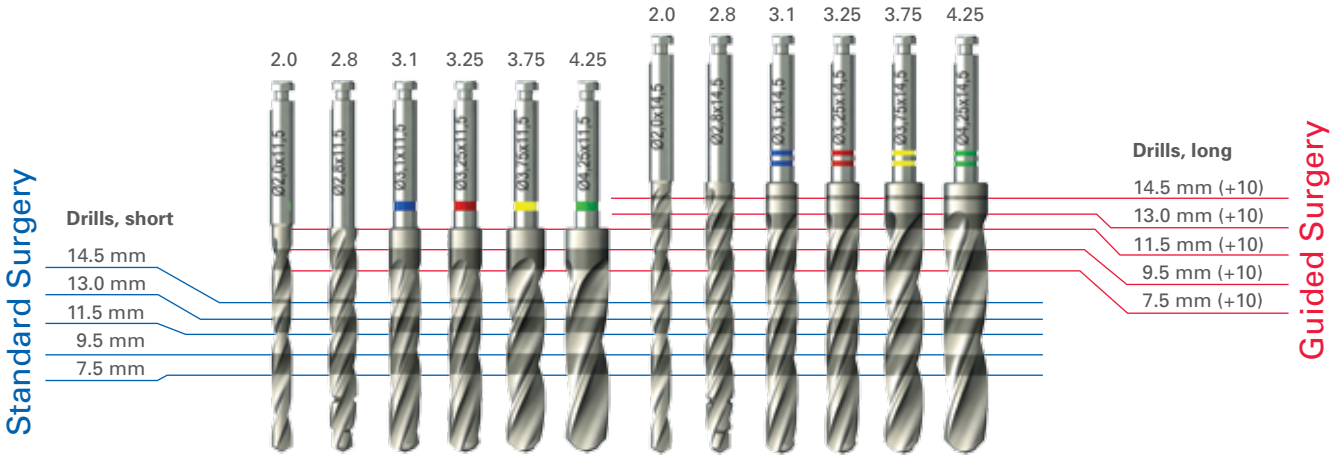


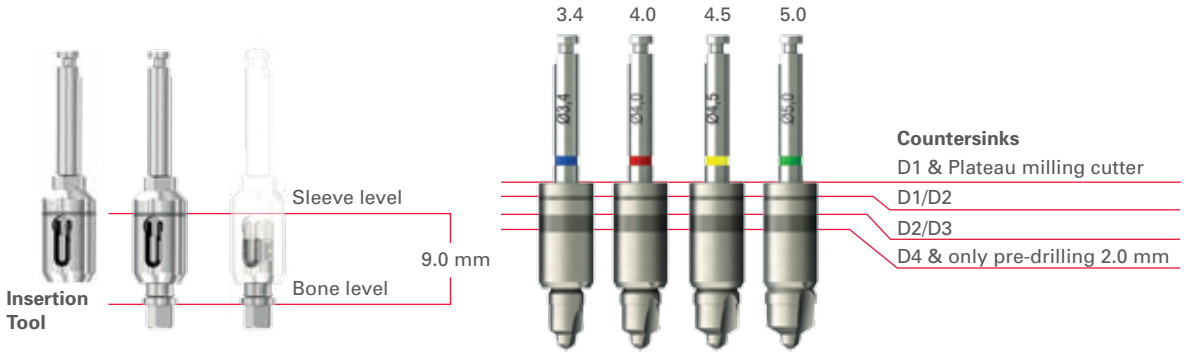
Planning dimensions for sleeve positioning in the guide template

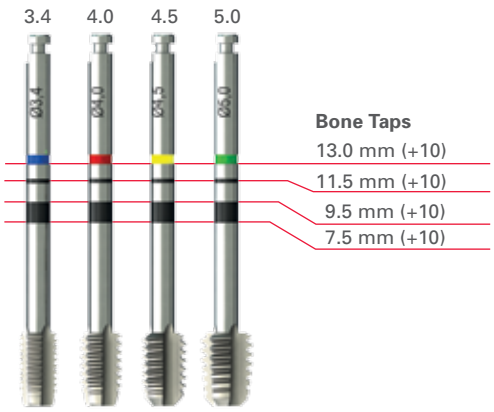
Art. No.	● ● ● ●	
935592 	**SIC GS Fixation Post, for Sleeve Ø 5.2**	
	Diameter [mm]	5.2
	Specific height [mm]	9.0

Schilli Implantology Circle SIC®

SIC Guided Surgery – Overview of Tools







Biomaterial

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 honeycomb-like structure and a coarse surface. These characteristics guarantee optimum osteoconduction and rapid bone regeneration.

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 phycogenic origin		
	Art. No.		
	510808	**510816**	**510824**

SIC Certificates

CERTIFICATE

This is to certify that the company

SIC invent AG
Birmannsgasse 3
4055 Basel
Schweiz

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	170592665
Effective date	2014-04-17
Expiry date	2016-12-31
Frankfurt am Main	2014-04-17

DAkkS Deutsche Akkreditierungsstelle D-ZM-16021-01-01

DQS Medizinprodukte GmbH

Frank Graichen
Managing Director

Dr. Thomas Feldmann
Head of Certification Body

August-Schanz-Straße 21, 60433 Frankfurt am Main, Tel. +49 (0) 69 95427-263, medical.devices@dqs.de 1 / 2

510(k) approved by FDA, USA

EC-CERTIFICATE

(Full quality assurance system)

This is to certify that the company

SIC invent AG

Birmannsgasse 3
4055 Basel
Schweiz

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	170592329
Effective date	2014-04-08
Expiry date	2018-12-31
Frankfurt am Main	2014-04-08

DQS Medizinprodukte GmbH

Frank Graichen
Managing Director

Dr. Thomas Feldmann
Head of Certification Body

August-Schanz-Straße 21, 60433 Frankfurt am Main, Tel. +49 (0) 69 95427-263, medical.devices@dqs.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

Implants from Implantologists

Schilli Implantology Circle

SIC invent AG
Birmannsgasse 3
CH-4055 Basel
Tel.: +41 (0)61 260 24 60
Fax: +41 (0)61 261 39 68
contact.switzerland@sic-invent.com

SIC invent Deutschland GmbH
Bühlstraße 21
D-37073 Göttingen
Tel.: 0800 742 46 83 68
Fax: 0800 74 23 29 38
contact.germany@sic-invent.com

SIC invent Austria GmbH
Kohlmarkt 7/Stg. 2/58
A-1010 Wien
Tel.: +43 (0)1 533 70 60
Fax: +43 (0)1 533 70 60 50
contact.austria@sic-invent.com

SIC invent Asia-Pacific Inc.
6F, Hyojin Bldg, 1540-5 Seocho-dong
Seocho-gu, Seoul, 137-070, Korea (ROK)
Tel.: +82 2 585 9700
Fax: +82 2 584 4411
contact.korea@sic-invent.com

SIC invent North America Inc.
contact.usa@sic-invent.com

www.sic-invent.com
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