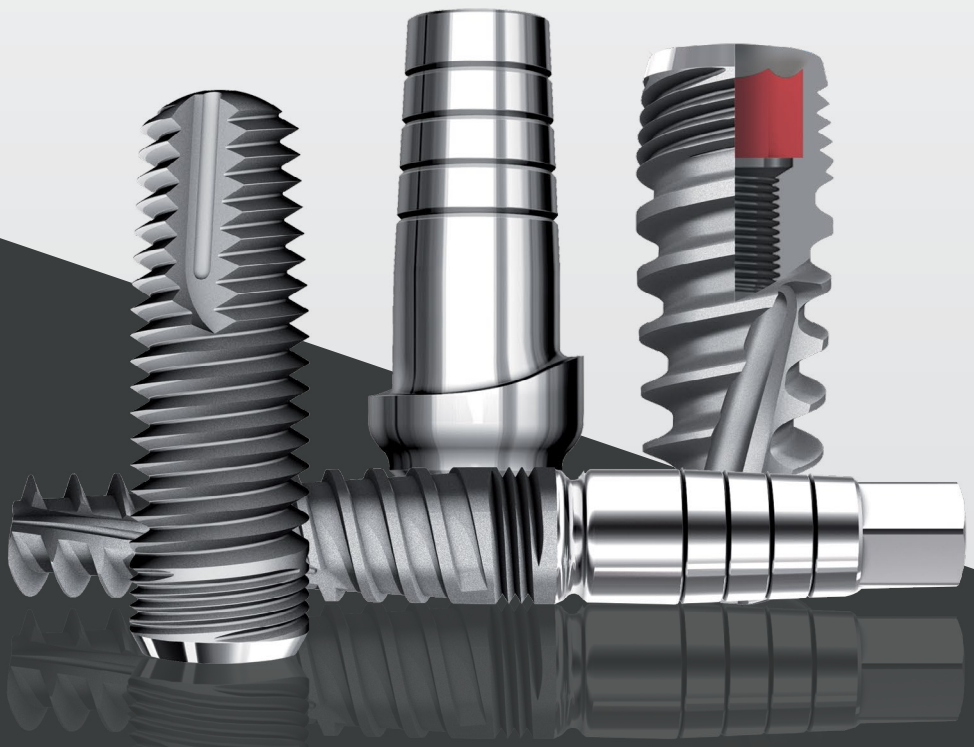
SGS Dental

Dental Implant Systems



PRODUCT CATALOG

2017 /2018

3,75

ENG
v3.0

All solutions for a **perfect smile.**

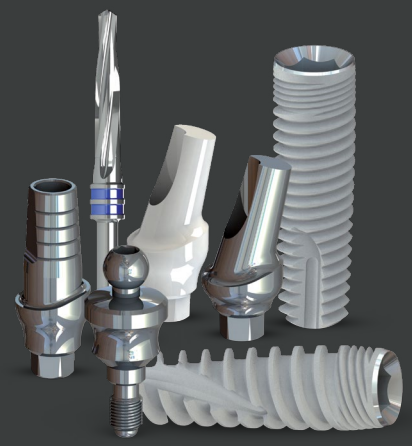
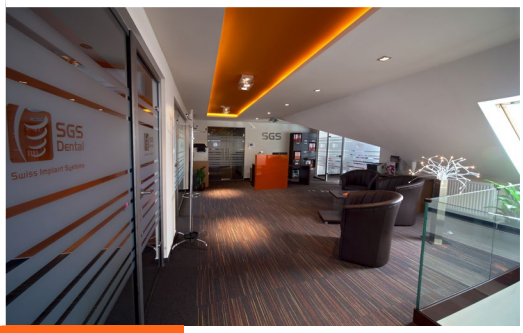


TABLE OF CONTENTS

PLATFORM 3.75

ONE-PIECE IMPLANT



Company profile

SGS International Ltd. had been incorporated in Liechtenstein, Schaan with aim to offer the customers a comprehensive range of innovative, science-based dental solutions. SGS Dental Implant System is not only a dental product, but it is about art and experience in clinical practise as well.

Thanks to qualitative Swiss technology SGS Dental Implant System provides excellent products on competitive prices with strong support. We use the most precise tools and equipments with the best raw material, that is why SGS became one of market leaders in the dental implant industry and nowadays our system is used by thousands of professionals all around the world.

All our implants are made of biocompatible material - medical grade 5 titanium alloy with extraordinary coating. Each our product meet the most stringent international quality standards, inspected with very precise triple quality control. SGS International Ltd. has obtained the CE by the European Notified Body CE 1979, European Directive 93/42/EEC - Annex II, Section 4 and are also certified with the quality standard EN ISO 9001:2008 and ISO 13485:2012 on devices dental-implant. SGS International Ltd. is also registered by NQA quality management system. SGS Medical Devices have been cleared for marketing at the US market as well.

2009 is a milestone in our company's life opening a branch and afterwards a brand new 2500 sqm site with new sterile packaging, logistics and worldwide distribution centre in European Union - Hungary, Budapest. Situated at the very heart of Europe, having hence excellent conditions for expanding, nowadays we have been providing service for our customers in more than 20 countries in the world. Besides of high quality European products SGS Dental Implant System gives best quality service, guarantees affordable price and takes care of all Partners, always intending to be in close business relationship with them. One of our strengths is the worldwide Distribution Network. We are very proud of our well educated distributors providing high-level professional support to their partners.

Hold in high esteem practical knowledge and education in 2013 we have opened our SGS Medical Centre, where medical educational trainings, implantology courses can be provided for oral surgeons visiting us from different part of the world. Thanks to these trainings, courses doctors have well-founded knowledge and experience in SGS Dental Implant System. They are able to work with qualitative and innovative European dental implant system, moreover company SGS guarantees maximum support, help and fast service.

We have been developing and trust to achieve measureless success with all the desired goals with our partners, as we have

ALL SOLUTIONS FOR A PERFECT SMILE.

22
Ti
Titanium

Titanium material

All SGS Dental Implants are made from European "bio friendly" medical titanium alloy, grade 5 - Titanium 6AL-4V, (signifying the Titanium alloy containing 6% Aluminium and 4% Vanadium alloy). Titanium's special property of fusing to bone, called osseointegration ("osseo" – bone; "integration" – fusion or joining with), is the biological basis of dental implant success.

When teeth are lost, the bone that supported those teeth is lost too, so placing dental implants stabilizes bone, preventing its loss. Along with replacing lost teeth, implants help maintain the jawbone's shape and density. Dental implants help you eat, chew, smile, talk and look completely natural.

SGS sterilization procedure

SGS has a strict sterilisation process, undergoing a continuous laboratory control and report manual management. All our implant undergo a clean-room packaging channel and then introduced to gamma radiation. We keep a hard control on the steps, our colleagues practise and each dosage of implants is randomly inspected in SGS laboratories.

LIFETIME WARRANTY

Product guarantee

SGS Dental Implant takes responsibility for all of its implants and gives life-time warranty when used in accordance with the supplied instructions for use and the company protocols.

Our implants available in

28

countries

98%
SUCCESS RATE

Out of 100 implantations less than two have negative result because of our special smart surface treatment, unique implant design and our precious research.

SGS Dental Implants

SWISS QUALITY

Dental implants are an effective, safe and excellent solution to the problems resulting from missing teeth, look and feel like your own teeth. That is why in the last 25 years dental implants have changed the face of dentistry.
A dental implant is actually a replacement for the root of tooth, secured in the jawbone and not visible once surgically placed. It is used to secure crowns (the parts of teeth seen in the mouth), bridgework or dentures by a variety of means. Nowadays good and safe implant is not only a prosthetic, but aesthetic question as well. Extremely important that our implants are made of lightweight, strong and biocompatible titanium. Biocompatible word means not rejected by the body, furthermore we have excellent surface treatment which reduces healing time.

CE 1979

ISO 9001:2008
ISO 13485:2012

SGS's products are cleared for marketing in the USA.*

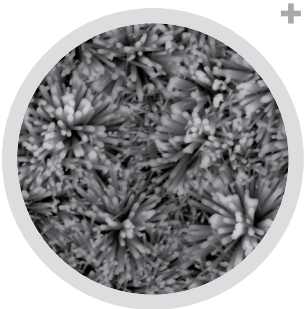
*Some products may not be available in the USA.

A new microstructured bioactive antibacterial surface for implants!

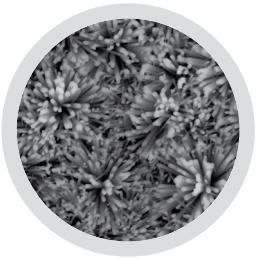
SGS Dental implements famous SBTC® coating for its dental implants:
SBTC® is a known worldwide type of dental implant coating, having outstanding performances in dental implantation practice.

Advantages of the *SBTC®* coating

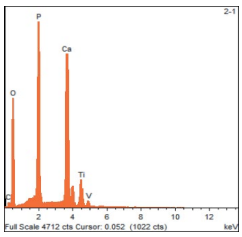
- Faster and better healing
- Complex surface design with significant surface enlargement
- High hydrophilic reaction with blood
- Increased primary stability with reduced healing time
- Active support of bone attachment
- Higher application security
- Possible diversification of indications (early loading/immediately loading)
- Prevention of spontaneous oxidation of the titanium surface through CaP-coating
- Higher osteoconductivity of the surface
- Outstanding biocompatibility
- Thin coating
- Microcrystalline structure, large open surface
- High solubility and controlled resorption area
- Complete coverage of porous surfaces and complex implant geometries
- Microporosity with high capillary effect on body fluids



SEM magnificationX25: clean uniform surface with no contaminations



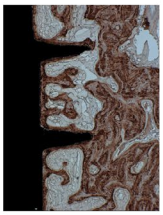
SEM magnificationX2000: clear uniform crystalline structure of SBTC® type



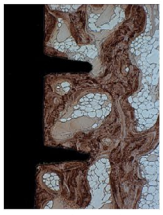
EDS spectrum: Calcium-Phosphorus-Oxygen presence adequate to chemical composition of SBTC® coating

SBTC coated dental implants of SGS Dental have all substantial features of the SBTC type Ca-P coating:

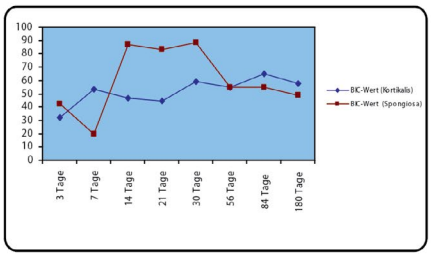
- Clean uncontaminated uniform surface
- Unique SBTC crystalline structure of Ca-P brushite particles' coating on dental implants surface
- Ca-P-O chemical composition of the coating layer approving its SBTC origin



Osteocalcin, 14 days



Osteocalcin, 30 days

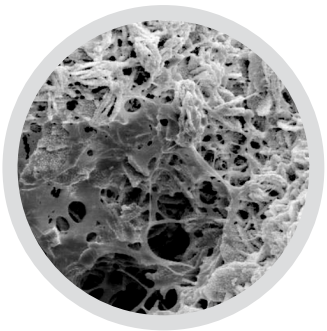


Summary

Implants with SBTC surface showed a significant increase in Bone-Implant-Contact (BIC) in the spongiosa area between 14 and 30 days. In the further course within the SBTC remodeling BIC-Data in the range between 40-60% arises, which conforms to the data described in the literature. After 30 days the osteocalcin –expression too was significant increased by the implants with the SBTC-surface.

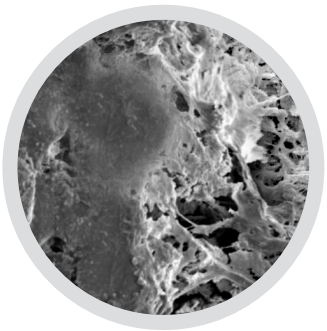
Description of the biological properties of the coating

The SBTC® coating is a bioactive calcium phosphate coating that supports the adhesion of osteoblast cells and simultaneously promotes their proliferation. The cells demonstrate good adhesion and a typical morphology for osteoblast . Under the scanning electron microscope the integration of the cells into the material is clearly visible.



Bone tissue formation on SBTC®

Human osteoblasts on SBTC®

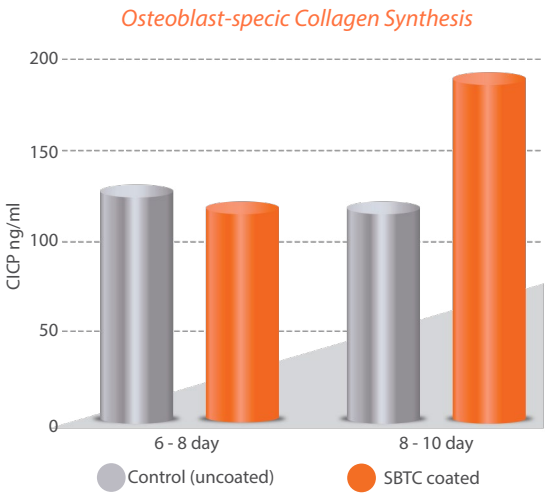


Osteoblast MG 63 cells on SBTC®

The SBTC® coating consists of two calcium phosphate phases with different solubilities. The more easily soluble outer calcium phosphate phase, brushite, occurs in natural bone as an intermediate stage during calcification of new bone tissue. When brushite dissolves, calcium and phosphate ions are released in a high concentration, and they are the cause of fast contact osteogenesis and the high mineralization rate. Brushite is therefore in a position to stimulate the body to its own bone synthesis in the short term, and to accelerate the osseointegration of the implants, particularly in the primary phase. The inner calcium phosphate phase, the fine crystalline hydroxyapatite, is resorbed more slowly and releases ions that promote the formation of new bone over a longer period. The SBTC® coating is fully resorbed over a period of 6-12 weeks after implant placement and is simultaneously replaced by newly formed bone tissue, with the ultimate result that an optimum bond between bone and implant has been formed in place of the coating. This osteoinductive property combined with the controlled resorption is the primary advantage of the bioactive SBTC® coating.

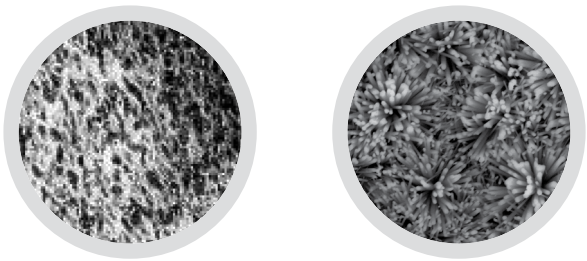
Differentiation of cells in vitro under the influence of SBTC®

The influence of the SBTC® coating on cell differentiation was examined by a Co culture of the hFOB1.19 osteoblast cell line with TPS/SBTC®-coated platelets of TiAl6V4. The osteoblast-specific collagen synthesis was analyzed at various points during incubation. The result after 6 days and after 10 days of incubation showed increased collagen synthesis on the SBTC®-coated test bodies.



Mineralization in vitro under the influence of SBTC®

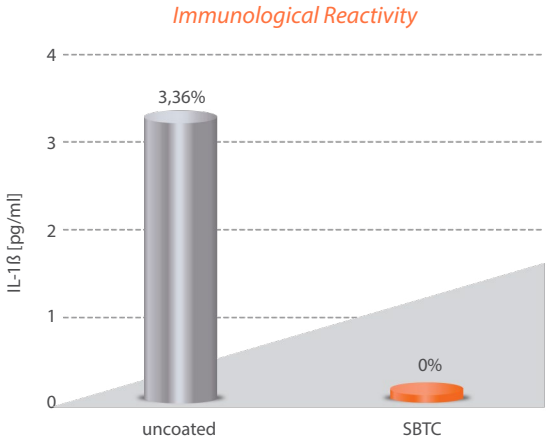
The influence of the SBTC® coating in the mineralization was analyzed by incubating test bodies coated with SBTC® in cell culture medium (DMEM) for seven days. The extract was added to a confluent cell layer and the mineralization was confirmed by van Kossa staining. With van Kossa staining mineralized areas are stained black. Figure 10 shows the difference between the control medium and the SBTC® extract. While a slight mineralization could be confirmed in the cells in the control medium, strong mineralization could be confirmed with the SBTC® extract.This indicates that the calcium-phosphate phases in the SBTC® coating stimulate the mineralization of human osteoblasts.



Control (DMEM) Extract (SBTC + DMEM)

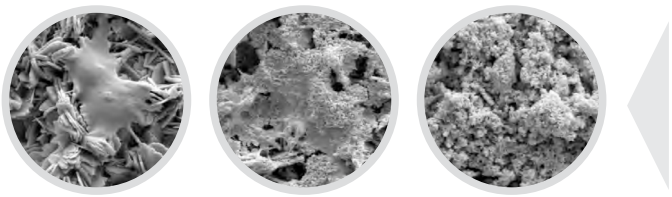
Immunological reactivity in vitro under the influence of SBTC®

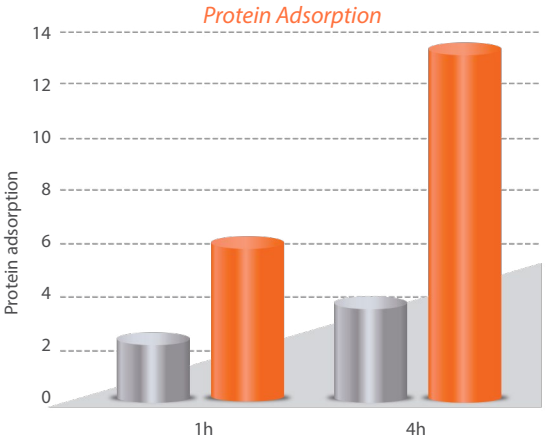
The effect of the SBTC® coating on the immunological reactivity was analyzed by the release of interleukin 1ß (IL-1ß). IL-1ß is a typical enzyme, which is released during the early inflammation phase and influences bone resorption. The test was conducted with monocytes and macrophages of the mouse cell line J-774A.1, which were cultured either with control bodies (TiAl6V4/TPS) or with SBTC®-coated test bodies. After three days of culture the expression of IL-1ß was analyzed. The SBTC®-coated samples in comparison with the uncoated control demonstrated a significant reduction of IL-1ß release. This means that the coating with SBTC® triggers virtually no inflammation parameters, and as a result can be classified as very biocompatible.



Analysis of the protein adsorption in vitro under the influence of SBTC®

The protein adsorption or immobilization of proteins at the implant surface is, clinically viewed, an important step in the osseointegration of implants. To determine the protein adsorption SBTC®-coated test bodies and uncoated control bodies were incubated in fetal calf serum for several hours. After various incubation times (1h and 4h) the protein adsorption on the different test bodies was analyzed. As can be seen in the next diagram, the coating with SBTC® significantly increased protein adsorption in comparison with the uncoated test bodies.





In vitro precipitation tests with SBTC®

In in vitro tests SBTC®-coated test bodies were colonized with osteoblast cells of the cell line MG-63 and cultured in cell culture medium for 48 hours. After 30 hours in the culture a fine crystalline precipitation could be observed on the coating surface. The cells on the SBTC® surface were partially covered with the precipitate . As could be shown by EDX analyses, the precipitate was also a calcium-phosphate compound. After 48 hours the cells were completely covered. Visualization of the actin cytoskeleton of the bone cells showed that the morphology of the cells remained virtually unchanged during the reprecipitation.

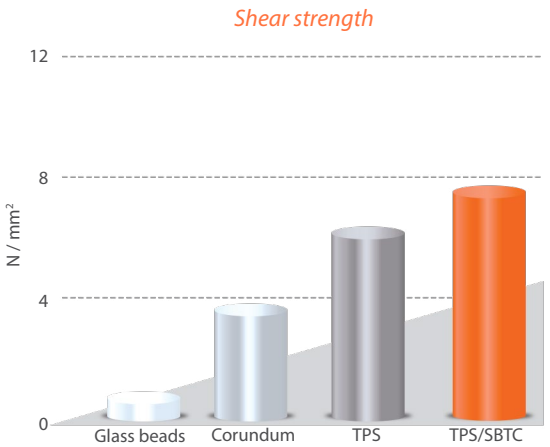
Comparison test bodies that were coated with hydroxyapatite only did not show this behavior. The in vitro results lead to the conclusion that there is a precipitation on the surface during dissolution of the coating, in particular because of the presence of the easily dissolved brushite phase. It can be concluded that these processes also take place in the body and there is therefore a calcium phosphate phase directly on the SBTC® surface in the body.

Conclusion

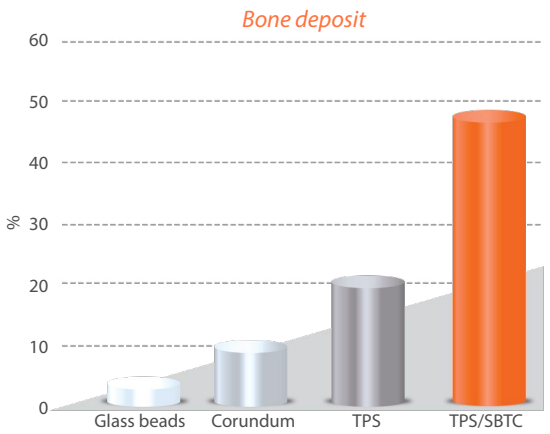
The electrochemical deposition of the SBTC® coating ensures complete coverage of porous implant surfacesand complex implant shapes. Unlike the highly crystalline, poorly soluble HA coatings in the plasma-spray process, the electrolytic coating technology yields a fine crystalline structure. The process eliminates hard particles and delamination of the coating. The almost vertical adjacent calcium phosphate crystals and the associated large open surface give the implant surface a high capillary effect on blood and ensure adsorption and immobilization of relevant growth factors. The controlled process of coating degradation correlates with simultaneous formation of new bone, which takes place immediately on the porous implant surface. This results in increased bone deposition and the option of early mechanical loading. This gives the SBTC® coating improved osseointegration and it can be considered a further development of the plasma-sprayed HA coatings, which retains the good bioactive properties and eliminates the remaining potential long-term risks. The unique two-layer design of the SBTC® coating is perfectly adapted to the healing process of the bone. The SBTC® coating is resorbed within 6-12 weeks by a controlled mechanism and completely replaced by new bone tissue. This means that the coating only remains in place until the implant is healed in position and has formed a fixed connection between the implant surface and the surrounding bone tissue.

Animal-experimental tests

Animal tests were conducted on the minipig animal model at the laboratory for biomechanics and experimental orthopedics of the University of Mannheim to investigate the formation of new bone with SBTC®-coated implants. SBTC®-coated titanium pins were press-fitted into 21 animals. The follow-up period was 12 weeks. The results of the study show significantly increased bone deposition with the SBTC®-coated implants and subsequently significantly better anchorage of the implant in the early postoperative phase.



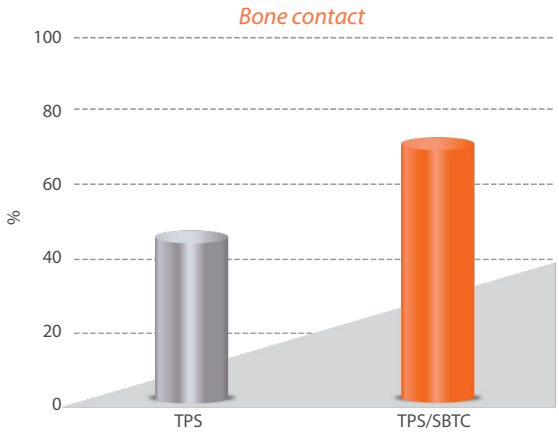
Shear strength of different surfaces after implant placement



Bone deposition of different surfaces after implant placement

Effectiveness of the SBTC® coating in the animal model

In this animal experiment the osseointegration of test implants with the TPS surface was compared to implants with the TPS/SBTC® coating. The implants were placed in the maxilla of domestic pigs (Sus scrofa domestica). The direct bone contact in both test groups was analyzed six weeks after implant placement. The results of the test show significant differences in the bone contact between the two groups. The average bone contact for the control implants was 49.8%, while a direct bone contact of 73% was measured for the SBTC®-coated implants.

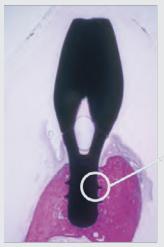


Bone contact values of the different surfaces

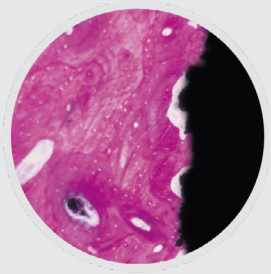
A high proportion of bone was found, particularly between the threads of implant, and a clear osteoconductive effect as a result of the presence of the SBTC® coating. The SBTC® coating was almost completely resorbed during the study period of six weeks.
No reactions to foreign bodies were detected, which is another indication of the very good biocompatibility of the surface.

Study of SBTC®-coated implants in the canine model

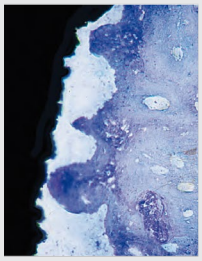
The goal of the study was to determine the effect of the SBTC® coating on osseointegration over extended periods with immediate loading. Implants with different surfaces were placed in the mandibles of dogs (beagles). The surfaces of the implants consisted of a TPS surface, a plasma-sprayed HA surface and a TPS+SBTC® surface. The implants were immediately restored with a crown and placed under immediate loading. The crowns were not in contact with neighboring teeth or other implants. The follow-up period was seven months. The results of the trial show that the SBTC® coating was fully resorbed after seven months and had been replaced by newly formed bone tissue.



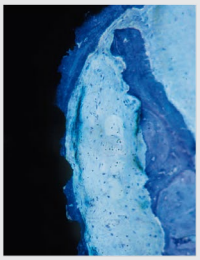
Inserted dental implant with restoration under immediate loading



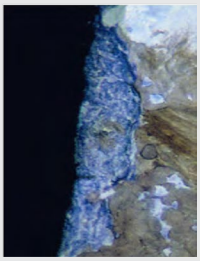
Bone and implant interface (TPS/SBTC®)



Implant with TPS surface (control group)

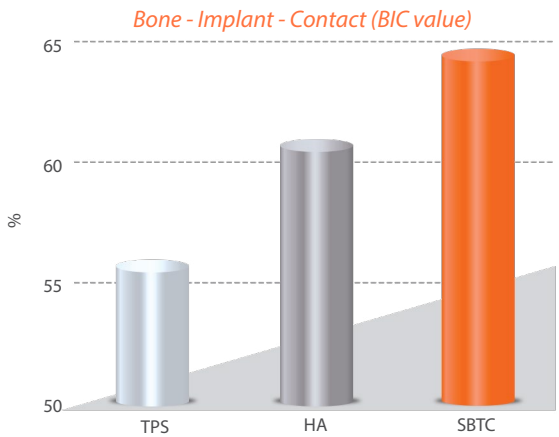


Implant with TPS/ SBTC® surface (test group)



Formation of new bone by SBTC®

In contrast, fragmentation of the coating and unhomogenous resorption could be observed with the HA-plasma-sprayed surface. Isolated HA particles were also found.
The SBTC®-coated implants also demonstrated the highest bone deposition density. However, the difference between the surfaces decreased with increasing implant placement time



Effect of differently applied CaP coatings on the osseointegration of implants

The effect of differently applied CaP coatings on the osseointegration of titanium implants was investigated in the animal model. The study included three groups with different surface modifications. Group 1 had a rough surface, group 2 had a biomimetic CaP coating and group 3 had an electrochemically deposited CaP coating. A total of 36 implants were placed in the tibias of 18 rabbits. The study period was 6 and 12 weeks. The influence of the different implant surfaces on the osseointegration was analyzed. REM images of the different surfaces were prepared and analyzed. On the biomimetically deposited CaP coating the crystals were arranged as flakes, while the electrochemically deposited CaP coating had rod-shaped crystals with a hexagonal cross-section.
The histological analyses after six weeks showed bone growth along the surfaces. On the electrochemically deposited CaP coating the significantly largest BIC values were measured and compared with the rough and biomimetically deposited CaP surfaces. The study showed that the electrochemically deposited CaP coating appears to improve osseointegration, and as a result can ensure a long-term and stable fixation of the implants in the bone tissue.

Clinical results

A multicentric study, which included universities and private practices, investigated PITT-EASY implants (Oraltronics) with SBTC® coating (FBR surface on a porous TPS surface). The implants were placed in the maxilla and the mandible. The study protocol included immediate loading. A total of 156 implants were placed in 62 patients, with 40 implants placed in fresh extraction alveoli. After 6 months 8 implants in 6 patients had been lost, 6 in the mandible and 2 the maxilla. After 6 months under load 98% of the implants were osseointegrated and functional.

SGS DENTAL PACKAGING SYSTEM

Remove the implant from the plastic holder:

1

2

3

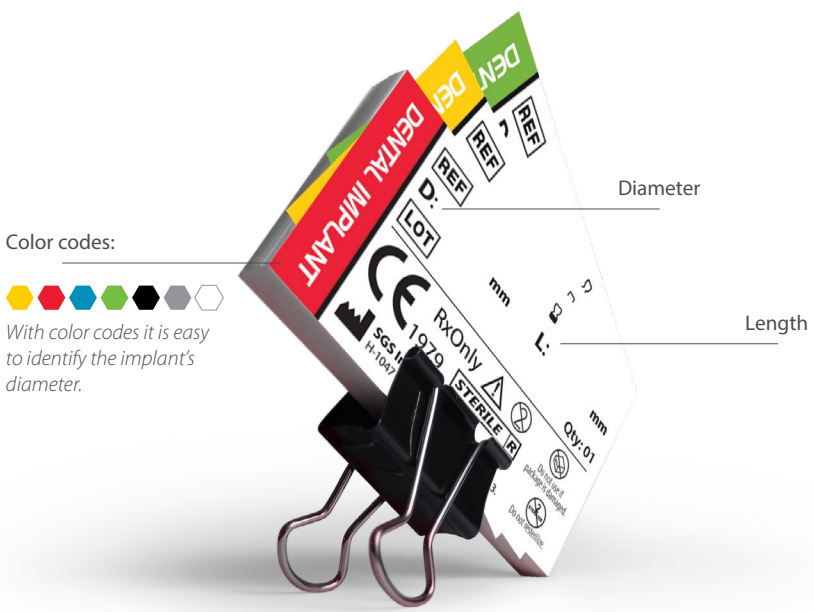
4

After you removed the implant from the plastic holder:

Surgical tool mount

Sign Index

REF	Catalogue number
LOT	Batch number
	Manufacturer
	Use by date
	Do not use if package is opened or damaged
	Do not re-use
	Do not resterilize
	Attention, see instruction for use
RxOnly	Prescription use only
STERILE R	Sterilized
CE	Confomity marking




3,75
PLATFORM
3.75


ONE-PIECE
IMPLANT
ONE-
PIECE

Color Code

P1

Screw Type Groovy Implant

Short pitch, slightly aggressive implant, which is specially for hard bone (mandibula), with platform shift and internal hex.

Available sizes:
Ø 3.2, Ø 3.75, Ø 4.2, Ø 5, Ø 6

P7

Conical Groovy Implant

High pitch, slightly aggressive implant, which is suitable for immediate loading. It is characterized by self tapping screw with platform shifting and internal hex.

Available sizes:
Ø 3.2, Ø 3.75, Ø 4.2, Ø 4.5, Ø 5, Ø 6

Color Code

P7S

Integral Groovy Implant

One-piece implant. It has the same parameters like P7. The abutment is integrated.

Available sizes:
Ø 3.0, Ø 3.2, Ø 3.75, Ø 4.2, Ø 5, Ø 6

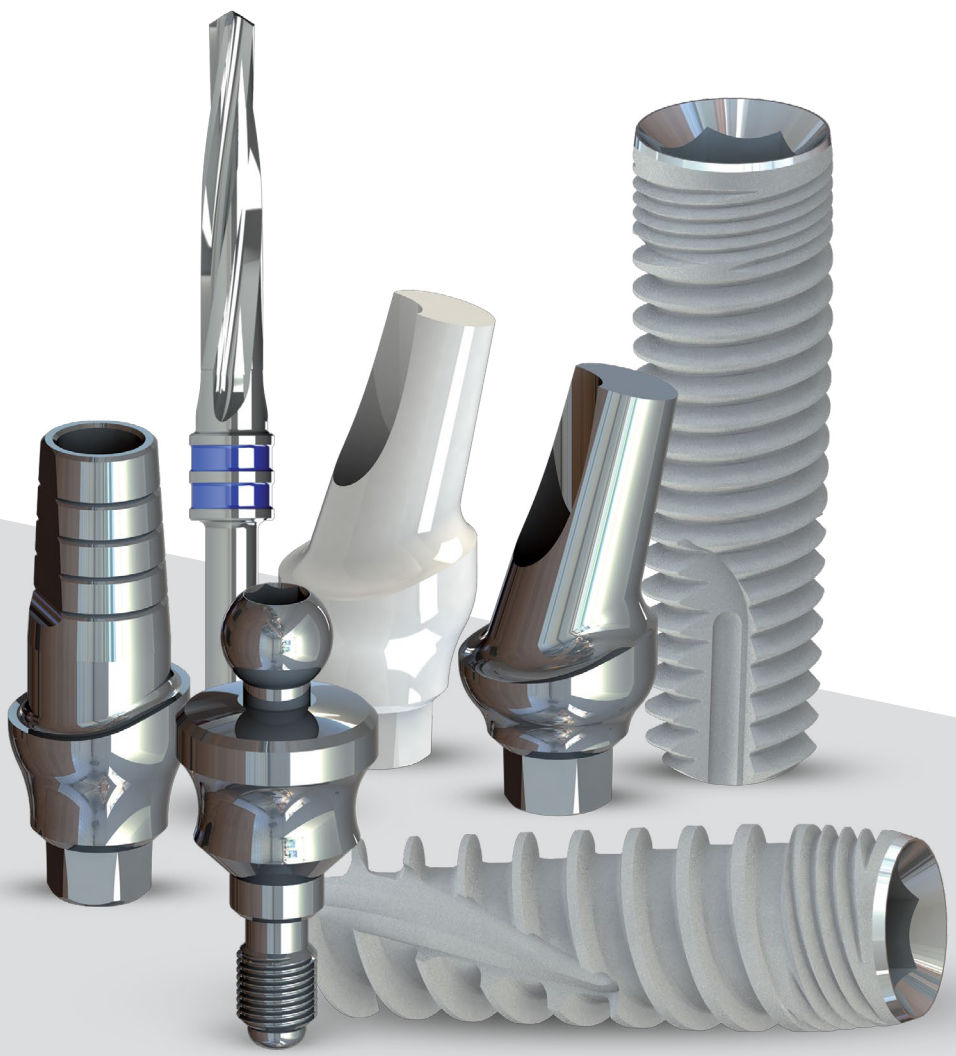
P9S

Thin Integral Implant

One-piece esthetic implant.

Available sizes:
Ø 2.4, Ø 3.0, Ø 3.2

PLATFORM 3.75



Please note the image shown is for illustration purposes only!

Instrument tools and drivers

Product code	K5 - 0 mm	K5 - 9 mm	K5 - 15 mm	K8 - 23 mm	K8 - 28 mm
Ref. number	B50	B59	B515	B823	B828
Length	0 mm	9 mm	15 mm	23 mm	28 mm
Description	Driver for implants			Adaptor for implants	
Material	Stainless steel				

Prosthetic tools for the abutments

Product code	K1 - 9 mm	K1 - 15 mm	K2 - 9 mm	K2 - 15 mm	K9 - 23 mm	DG	K7
Ref. number	B19	B115	B29	B215	B923	C125	B7
Length	9 mm	15 mm	9 mm	15 mm	23 mm		18 mm
Description	Driver for abutments		Hand driver for abutments		Adaptor for abutments	Depth checker	Retrieval screw
Material	Stainless steel						Titanium

Implantology tools

Product code	K3D/K3M	D9	D17	R8	R8T	M+	DP	K10
Ref. number	B30001/B30002	C87	C88	C97	C98	C96	C8920/C8927	B0
Description	Adaptor for driver	Handle	Tissue punch	Ratchet wrench	Ratchet torque	Depth gauge	Parallel pin	Technical driver
Material	Stainless steel							

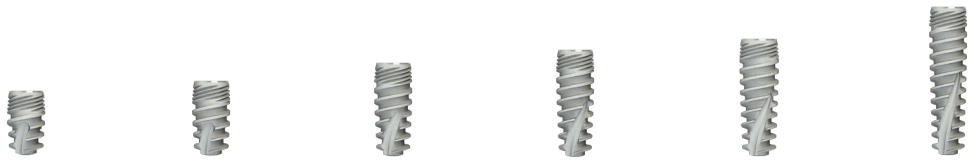
3,2

Length	8 mm	10 mm	11,5 mm	13 mm	16 mm
Ref. number	M02328	M023210	M023211	M023213	M023216

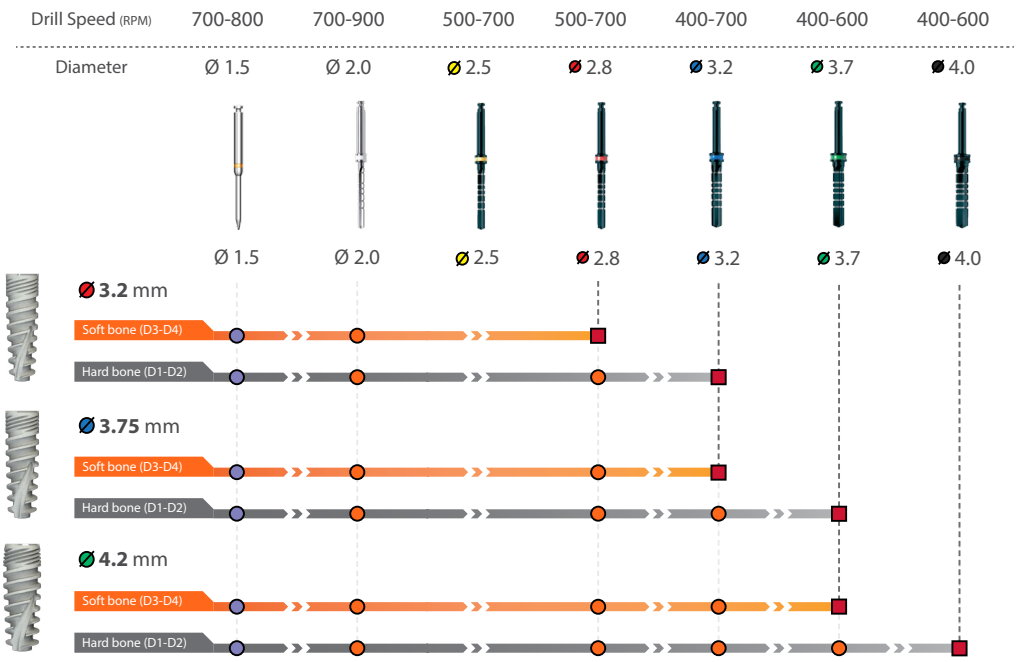
3,75

Length	8 mm	10 mm	11,5 mm	13 mm	16 mm
Ref. number	M02378	M023710	M023711	M023713	M023716

4,2



Length	6 mm	8 mm	10 mm	11,5 mm	13 mm	16 mm
Ref. number	M02426	M02428	M024210	M024211	M024213	M024216



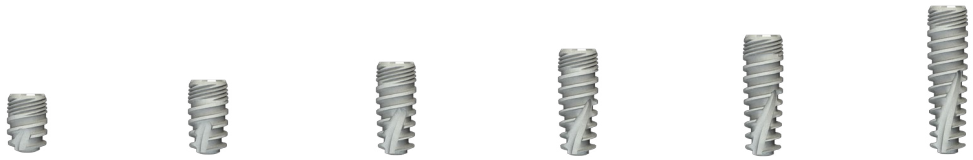
Marker drill - to be used to make only a mark

Throughout entire implant's length

Drill only through the cortical bone, should not be used to full depth.
If the cortical bone is hard (D1), you may use this drill as a countersink.

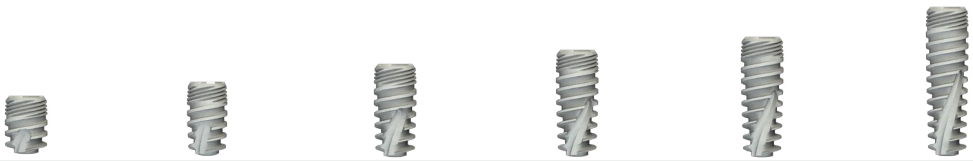
An additional 0,8 - 1,0 mm must be added to the length of the drill to account for the angled cutting up.
Procedure recommended by SGS cannot replace the judgment and the experience of the surgeon!

4,5



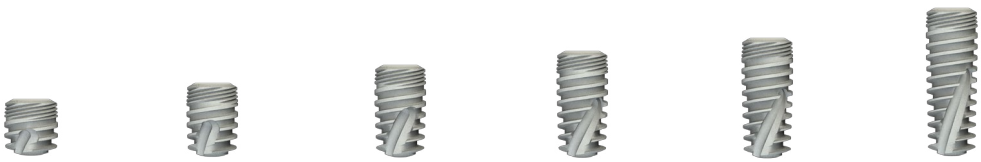
Length	6 mm	8 mm	10 mm	11,5 mm	13 mm	16 mm
Ref. number	M02456	M02458	M024510	M024511	M024513	M024516

5

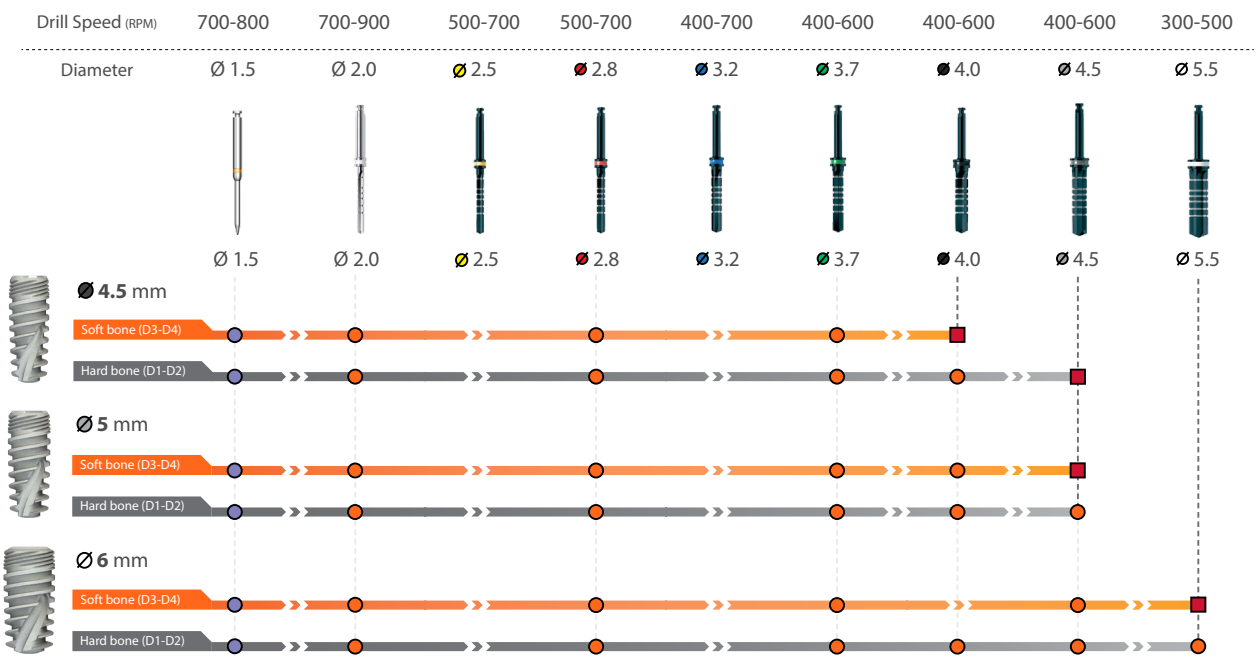


Length	6 mm	8 mm	10 mm	11,5 mm	13 mm	16 mm
Ref. number	M0256	M0258	M02510	M02511	M02513	M02516

6



Length	6 mm	8 mm	10 mm	11,5 mm	13 mm	16 mm
Ref. number	M0266	M0268	M02610	M02611	M02613	M02616



Marker drill - to be used to make only a mark
Throughout entire implant's length

Drill only through the cortical bone, should not be used to full depth.
If the cortical bone is hard (D1), you may use this drill as a countersink.

An additional 0,8 - 1,0 mm must be added to the length of the drill to account for the angled cutting up.
Procedure recommended by SGS cannot replace the judgment and the experience of the surgeon!

3,2

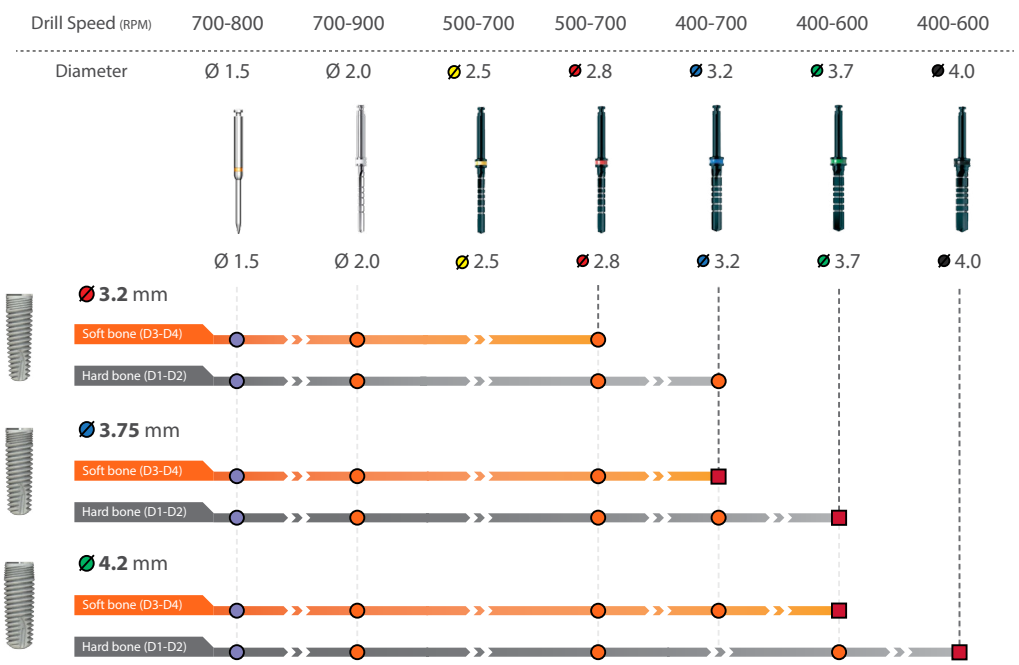
Length	8 mm	10 mm	11,5 mm	13 mm	16 mm
Ref. number	M01328	M013210	M013211	M013213	M013216

3,75

Length	8 mm	10 mm	11,5 mm	13 mm	16 mm
Ref. number	M01378	M013710	M013711	M013713	M013716

4,2

Length	8 mm	10 mm	11,5 mm	13 mm	16 mm
Ref. number	M01428	M014210	M014211	M014213	M014216



Marker drill - to be used to make only a mark

Throughout entire implant's length

Drill only through the cortical bone, should not be used to full depth.
If the cortical bone is hard (D1), you may use this drill as a countersink.

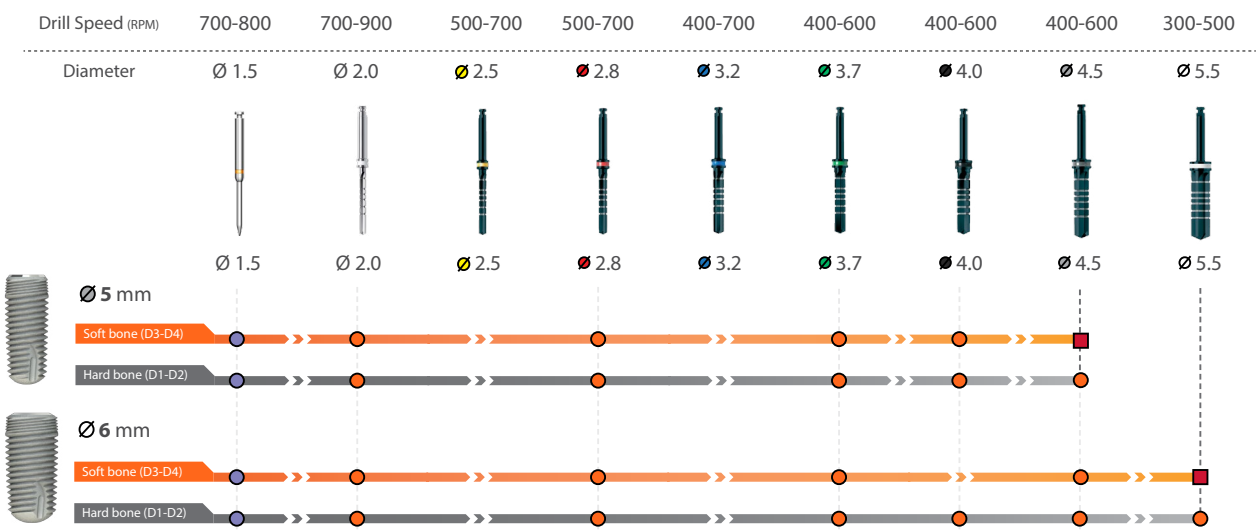
An additional 0,8 - 1,0 mm must be added to the length of the drill to account for the angled cutting up.
Procedure recommended by SGS cannot replace the judgment and the experience of the surgeon!

5

Length	6 mm	8 mm	10 mm	11,5 mm	13 mm	16 mm
Ref. number	M0156	M0158	M01510	M01511	M01513	M01516

6

Length	6 mm	8 mm	10 mm	11,5 mm	13 mm	16 mm
Ref. number	M0166	M0168	M01610	M01611	M01613	M01616



Marker drill - to be used to make only a mark

Throughout entire implant's length

Drill only through the cortical bone, should not be used to full depth.
If the cortical bone is hard (D1), you may use this drill as a countersink.

An additional 0,8 - 1,0 mm must be added to the length of the drill to account for the angled cutting up.
Procedure recommended by SGS cannot replace the judgment and the experience of the surgeon!

3 — P7S NARROW

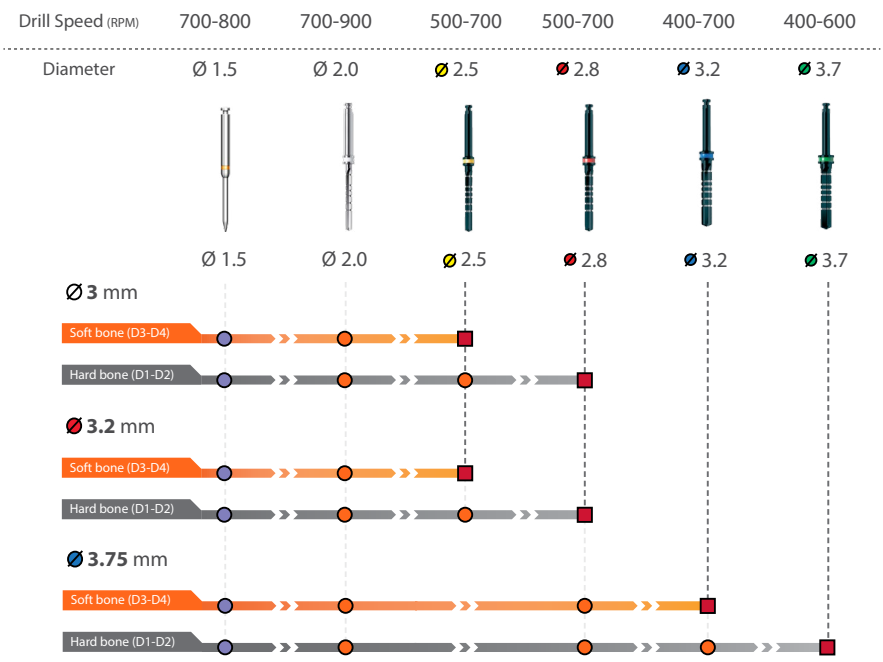
Length		10 mm	11,5 mm	13 mm	16 mm
Ref. number		O05310	O05311	O05313	O05316

3,2 — P7S NARROW

Length	8 mm	10 mm	11,5 mm	13 mm	16 mm
Ref. number	O05328	O053210	O053211	O053213	O053216

3,75

Length	8 mm	10 mm	11,5 mm	13 mm	16 mm
Ref. number	O05378	O053710	O053711	O053713	O053716



Marker drill - to be used to make only a mark

Throughout entire implant's length

Drill only through the cortical bone, should not be used to full depth.
If the cortical bone is hard (D1), you may use this drill as a countersink.

An additional 0,8 - 1,0 mm must be added to the length of the drill to account for the angled cutting up.
Procedure recommended by SGS cannot replace the judgment and the experience of the surgeon!

4,2

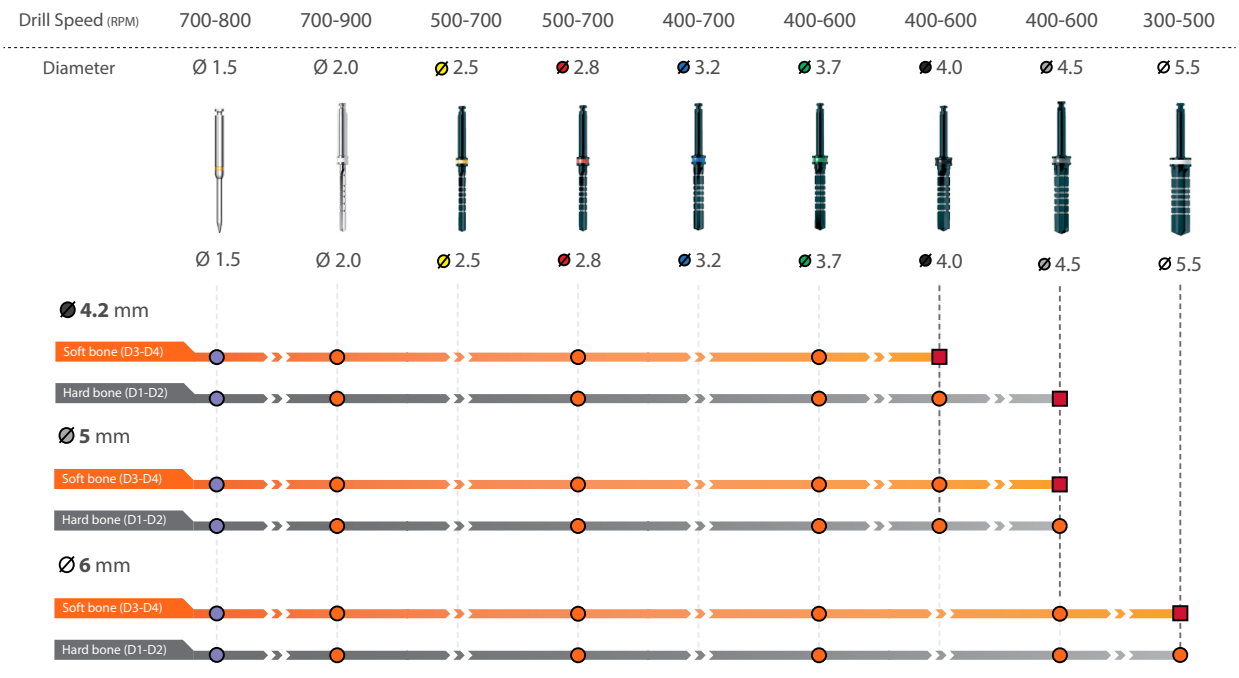
Length	8 mm	10 mm	11,5 mm	13 mm	16 mm
Ref. number	O05428	O054210	O054211	O054213	O054216

5

Length	6 mm	8 mm	10 mm	11,5 mm	13 mm	16 mm
Ref. number	O0556	O0558	O05510	O05511	O05513	O05516

6

Length	6 mm	8 mm	10 mm	11,5 mm	13 mm	16 mm
Ref. number	O0566	O0568	O05610	O05611	O05613	O05616



Marker drill - to be used to make only a mark

Throughout entire implant's length

Drill only through the cortical bone, should not be used to full depth.
If the cortical bone is hard (D1), you may use this drill as a countersink.

An additional 0,8 - 1,0 mm must be added to the length of the drill to account for the angled cutting up.
Procedure recommended by SGS cannot replace the judgment and the experience of the surgeon!

2,4 P9S NARROW

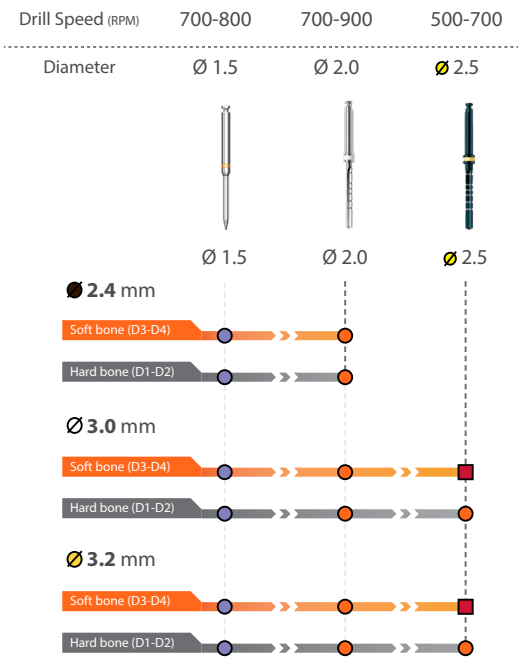
Length	10 mm	11,5 mm	13 mm	16 mm
Ref. number	R062410	R062411	R062413	R062416

3,0 P9S NARROW

Length	10 mm	11,5 mm	13 mm	16 mm
Ref. number	R06310	R06311	R06313	R06316

3,2 P9S NARROW

Length	10 mm	11,5 mm	13 mm	16 mm
Ref. number	R063210	R063211	R063213	R063216



Marker drill - to be used to make only a mark

Throughout entire implant's length

Drill only through the cortical bone, should not be used to full depth.
If the cortical bone is hard (D1), you may use this drill as a countersink.

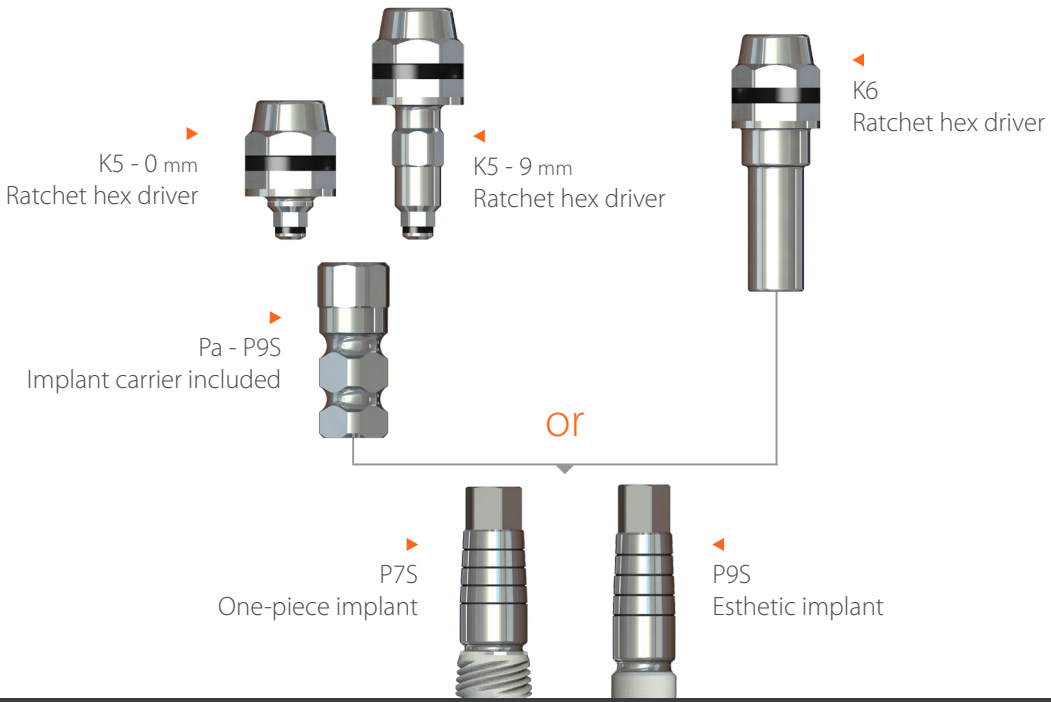
An additional 0,8 - 1,0 mm must be added to the length of the drill to account for the angled cutting up.
Procedure recommended by SGS cannot replace the judgment and the experience of the surgeon!

Instrument tools and drivers

Product code	K5 - 0 mm	K5 - 9 mm	K6	K8 - 23 mm	K8 - 28 mm
Ref. number	B50	B59	ORB06	B823	B828
Length	0 mm	9 mm	16 mm	23 mm	28 mm
Material			Stainless steel		
Instructions					

Analog and transfer for P7S & P9S

Product code	A1 - P9S/P7S-N	T1 - P9S/P7S-N	A1 - P7S	T1 - P7S
Ref. number	OR08	OR77	O08	O77
Dimensions:	D: 3 mm	D: 3 mm	D: 3.6 mm	D: 3.6 mm
Material	Stainless steel	Plastic	Stainless steel	Plastic
Instructions	⚠ For P9S and P7S Ø3.0 / Ø3.2		⚠ For P7S Ø3.75 / Ø4.2/ Ø5 / Ø6	



Straight Drills

DRF

Diameter	Ø 2.0	Ø 2.5	Ø 2.8	Ø 3.2	Ø 3.7	Ø 4.0	Ø 4.5	Ø 5.5
Product code	DR - 2.0	DRF - 2.5	DRF - 2.8	DRF - 3.2	DRF - 3.7	DRF - 4.0	DRF - 4.5	DRF - 5.5
Ref. number	C992	C9025	C9028	C9032	C9037	C9040	C9045	C9055
Material	Stainless steel							
Information	Biocompatible diamond link carbon coating							

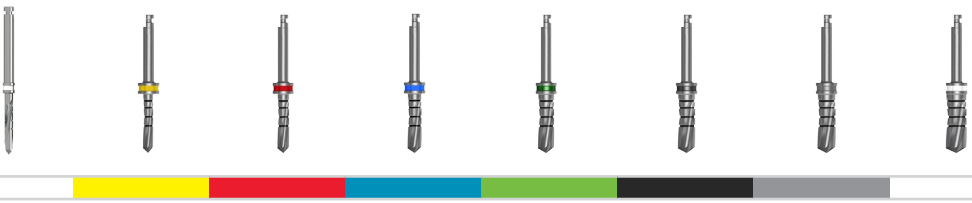
Conical Drills

DRC

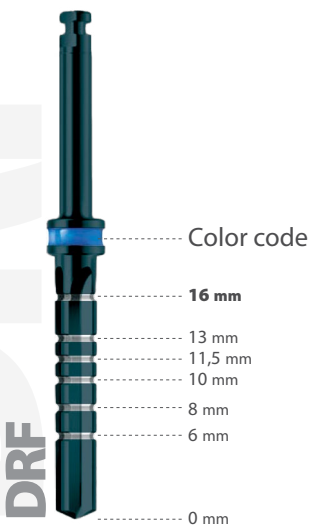
Diameter	Ø 2.0	Ø 2.5	Ø 2.8	Ø 3.2	Ø 3.7	Ø 4.0	Ø 4.5	Ø 5.5
Product code	DR - 2.0	DRC - 2.5	DRC - 2.8	DRC - 3.2	DRC - 3.7	DRC - 4.0	DRC - 4.5	DRC - 5.5
Ref. number	C992	C9125	C9128	C9132	C9137	C9140	C9145	C9155
Material	Stainless steel							

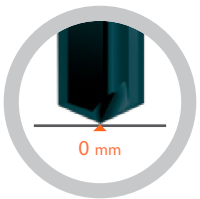
Short Drills

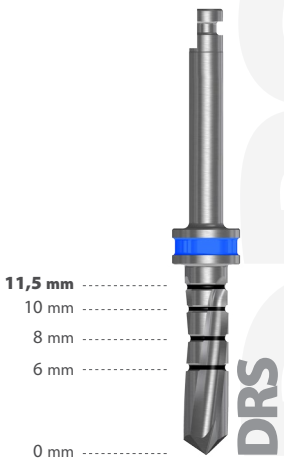
DRS



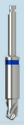
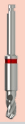
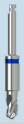
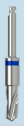
Diameter	Ø 2.0	Ø 2.5	Ø 2.8	Ø 3.2	Ø 3.7	Ø 4.0	Ø 4.5	Ø 5.5
Product code	DRS - 2.0	DRS - 2.5	DRS - 2.8	DRS - 3.2	DRS - 3.7	DRS - 4.0	DRS - 4.5	DRS - 5.5
Ref. number	C1002	C10025	C10028	C10032	C10037	C10040	C10045	C10055
Material	Stainless steel							



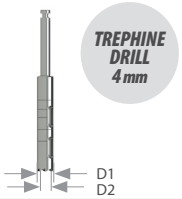




Stopper Drills

6 mm							
Diameter	Ø 2.0	Ø 2.5	Ø 2.8	Ø 3.2	Ø 3.7	Ø 4.0	Ø 4.5
Ref. number	C10126	C101256	C101286	C101326	C101376	C101406	C101456
8 mm							
Diameter	Ø 2.0	Ø 2.5	Ø 2.8	Ø 3.2	Ø 3.7	Ø 4.0	Ø 4.5
Ref. number	C10128	C101258	C101288	C101328	C101378	C101408	C101458
10 mm							
Diameter	Ø 2.0	Ø 2.5	Ø 2.8	Ø 3.2	Ø 3.7	Ø 4.0	Ø 4.5
Ref. number	C101210	C1012510	C1012810	C1013210	C1013710	C1014010	C1014510
11.5 mm							
Diameter	Ø 2.0	Ø 2.5	Ø 2.8	Ø 3.2	Ø 3.7	Ø 4.0	Ø 4.5
Ref. number	C101211	C1012511	C1012811	C1013211	C1013711	C1014011	C1014511
13 mm							
Diameter	Ø 2.0	Ø 2.5	Ø 2.8	Ø 3.2	Ø 3.7	Ø 4.0	Ø 4.5
Ref. number	C101213	C1012513	C1012813	C1013213	C1013713	C1014013	C1014513

Other Drills

				
Product code	DR - 1.5	DR-E	DR-T 4/5	DR-T 5/6
Ref. number	C9215	C93	C9445	C9456
Dimensions			D1: 5 mm | D2: 4 mm	D1: 6 mm | D2: 5 mm
Description	Marker drill	Drilling extension	Trephine drill	
Material	Stainless steel			

1 K5 - 9 driver
Ref. num.: B59

2 K5 - 15 driver
Ref. num.: B515

3 K8 - 23 driver
Ref. num.: B823

4 K8 - 28 driver
Ref. num.: B828

5 K5D - 9 driver
Ref. num.: DB59

6 K5D - 15 driver
Ref. num.: DB515

7 K8D - 23 driver
Ref. num.: DB823

8 K8D - 28 adaptor
Ref. num.: DB828

9 K5N - 9 adaptor
Ref. num.: NB59

10 K5N - 15 adaptor
Ref. num.: NB515

11 K8N - 23 driver
Ref. num.: NB823

12 K8N - 28 driver
Ref. num.: NB828

13 K2 - 9 driver
Ref. num.: B29

14 K2 - 15 driver
Ref. num.: B215

15 K1 - 9 driver
Ref. num.: B19

16 K1 - 15 driver
Ref. num.: B115

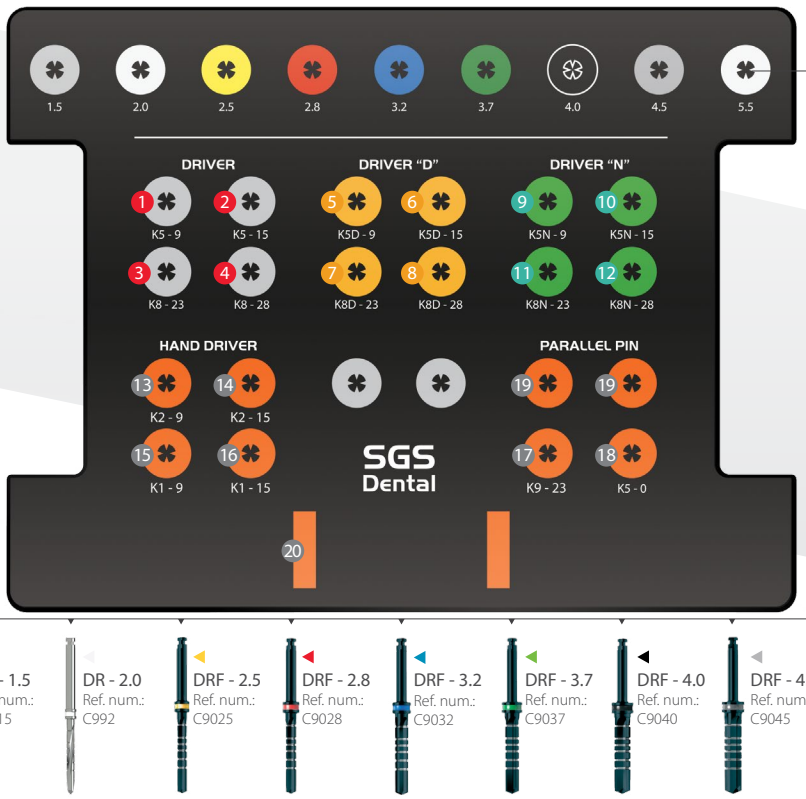
17 K9 - 23 adaptor
Ref. num.: B923

18 K5 - 0 adaptor
Ref. num.: B50

19 Parallel pin
Ref. num.: C8920 / C8927

20 R8T ratchet
Ref. num.: C98

SK-F
with
Straight drills
Ref. num.: 10290



DR - 1.5 Ref. num.: C9215
DR - 2.0 Ref. num.: C992
DRF - 2.5 Ref. num.: C9025
DRF - 2.8 Ref. num.: C9028
DRF - 3.2 Ref. num.: C9032
DRF - 3.7 Ref. num.: C9037
DRF - 4.0 Ref. num.: C9040
DRF - 4.5 Ref. num.: C9045
DRF - 5.5 Ref. num.: C9055

1 K5 - 9 driver
Ref. num.: B59

2 K5 - 15 driver
Ref. num.: B515

3 K8 - 23 driver
Ref. num.: B823

4 K8 - 28 driver
Ref. num.: B828

5 K5D - 9 driver
Ref. num.: DB59

6 K5D - 15 driver
Ref. num.: DB515

7 K8D - 23 driver
Ref. num.: DB823

8 K8D - 28 adaptor
Ref. num.: DB828

9 K5N - 9 adaptor
Ref. num.: NB59

10 K5N - 15 adaptor
Ref. num.: NB515

11 K8N - 23 driver
Ref. num.: NB823

12 K8N - 28 driver
Ref. num.: NB828

13 K1 - 9 driver
Ref. num.: B19

14 K1 - 15 driver
Ref. num.: B115

15 K2 - 9 driver
Ref. num.: B29

16 K2 - 15 driver
Ref. num.: B215

17 K9 - 23 adaptor
Ref. num.: B923

18 K7 retrieving screw
Ref. num.: B7

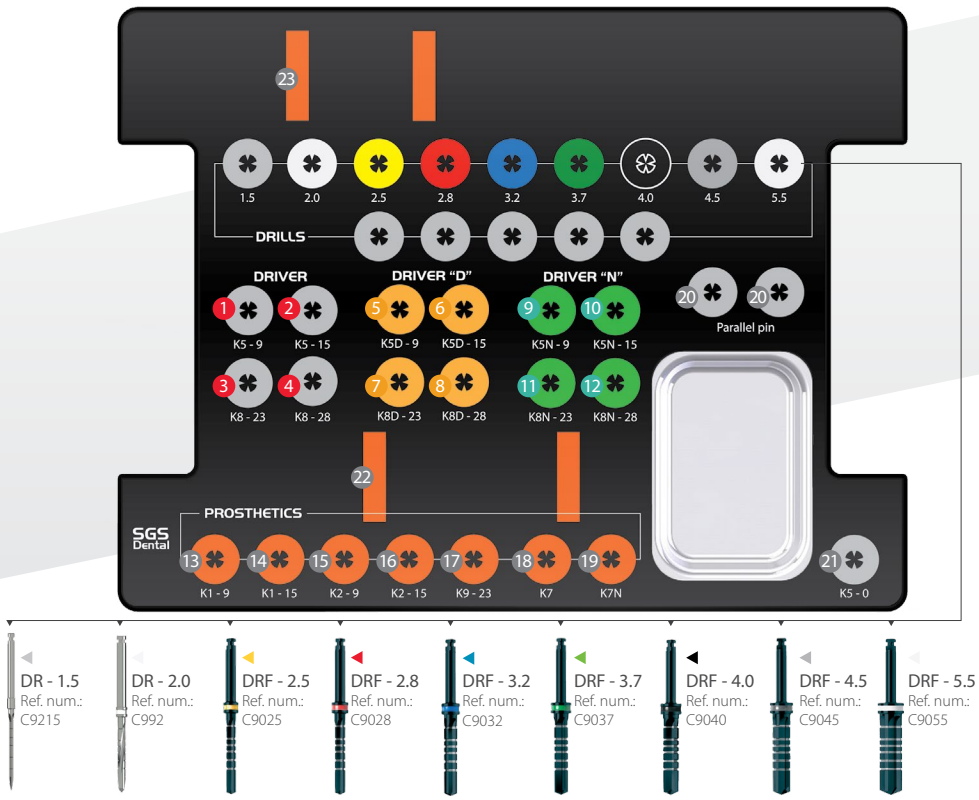
19 K7N retrieving screw
Ref. num.: NB7

20 Parallel pin
Ref. num.: C8920 / 8927

21 K5 - 0 driver
Ref. num.: B50

22 R8T ratchet
Ref. num.: C98

23 D9 handle
Ref. num.: C87



DR - 1.5 Ref. num.: C9215
DR - 2.0 Ref. num.: C992
DRF - 2.5 Ref. num.: C9025
DRF - 2.8 Ref. num.: C9028
DRF - 3.2 Ref. num.: C9032
DRF - 3.7 Ref. num.: C9037
DRF - 4.0 Ref. num.: C9040
DRF - 4.5 Ref. num.: C9045
DRF - 5.5 Ref. num.: C9055

SKM-F

with **Straight drills**
Ref. num.: 10390

1 
K5 - 9 driver
Ref. num.: B59

2 
K5 - 15 driver
Ref. num.: B515

3 
K8 - 23 driver
Ref. num.: B823

4 
K8 - 28 driver
Ref. num.: B828

5 
K5D - 9 driver
Ref. num.: DB59

6 
K5D - 15 driver
Ref. num.: DB515

7 
K8D - 23 driver
Ref. num.: DB823

8 
K8D - 28 adaptor
Ref. num.: DB828

9 
K5N - 9 adaptor
Ref. num.: NB59

10 
K5N - 15 adaptor
Ref. num.: NB515

11 
K8N - 23 driver
Ref. num.: NB823

12 
K8N - 28 driver
Ref. num.: NB828

13 
K2 - 9 driver
Ref. num.: B29

14 
K2 - 15 driver
Ref. num.: B215

15 
K1 - 9 driver
Ref. num.: B19

16 
K1 - 15 driver
Ref. num.: B115

17 
K9 - 23 adaptor
Ref. num.: B923

18 
K5 - 0 adaptor
Ref. num.: B50

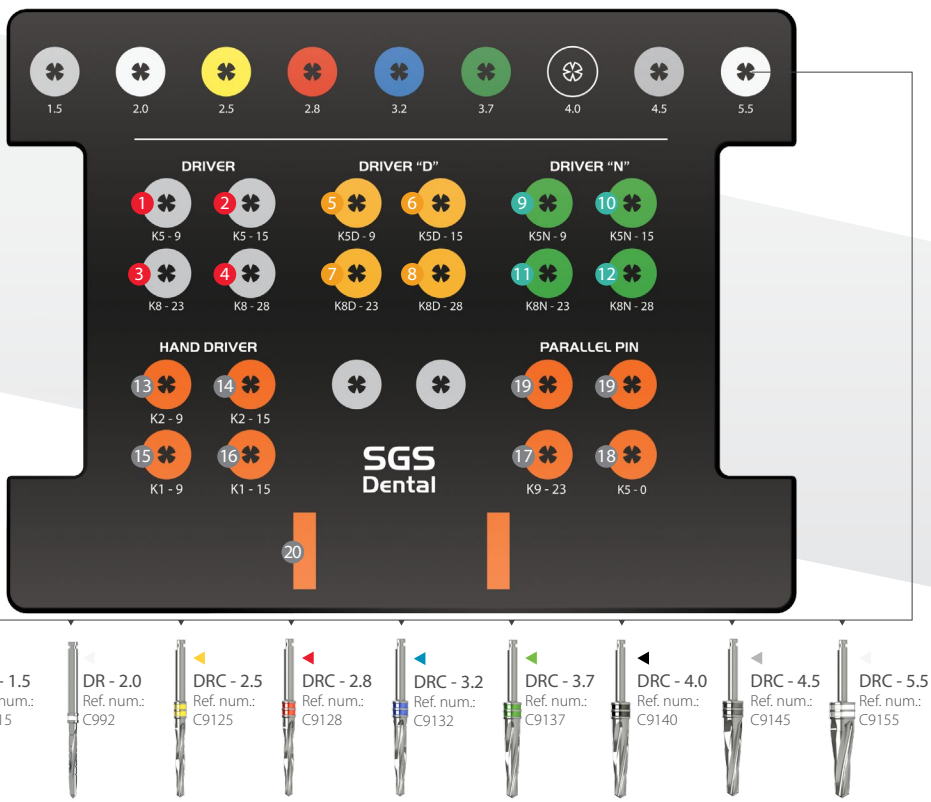
19 
Parallel pin
Ref. num.: C8920 / C8927

20 
R8T ratchet
Ref. num.: C98

SK-C

with **Conical drills**

Ref. num.: 10291



DR - 1.5 Ref. num.: C9215

DR - 2.0 Ref. num.: C992

DRC - 2.5 Ref. num.: C9125

DRC - 2.8 Ref. num.: C9128

DRC - 3.2 Ref. num.: C9132

DRC - 3.7 Ref. num.: C9137

DRC - 4.0 Ref. num.: C9140

DRC - 4.5 Ref. num.: C9145

DRC - 5.5 Ref. num.: C9155

1 K5 - 9 driver
Ref. num.: B59

2 K5 - 15 driver
Ref. num.: B515

3 K8 - 23 driver
Ref. num.: B823

4 K8 - 28 driver
Ref. num.: B828

5 K5D - 9 driver
Ref. num.: DB59

6 K5D - 15 driver
Ref. num.: DB515

7 K8D - 23 driver
Ref. num.: DB823

8 K8D - 28 adaptor
Ref. num.: DB828

9 K5N - 9 adaptor
Ref. num.: NB59

10 K5N - 15 adaptor
Ref. num.: NB515

11 K8N - 23 driver
Ref. num.: NB823

12 K8N - 28 driver
Ref. num.: NB828

13 K1 - 9 driver
Ref. num.: B19

14 K1 - 15 driver
Ref. num.: B115

15 K2 - 9 driver
Ref. num.: B29

16 K2 - 15 driver
Ref. num.: B215

17 K9 - 23 adaptor
Ref. num.: B923

18 K7 retrieving screw
Ref. num.: B7

19 K7N retrieving screw
Ref. num.: NB7

20 Parallel pin
Ref. num.: C8920 / 8927

21 K5 - 0 driver
Ref. num.: B50

22 R8T ratchet
Ref. num.: C98

23 D9 handle
Ref. num.: C87

DR - 1.5 Ref. num.: C9215

DR - 2.0 Ref. num.: C992

DRC - 2.5 Ref. num.: C9125

DRC - 2.8 Ref. num.: C9128

DRC - 3.2 Ref. num.: C9132

DRC - 3.7 Ref. num.: C9137

DRF - 4.0 Ref. num.: C9140

DRC - 4.5 Ref. num.: C9145

DRC - 5.5 Ref. num.: C9155

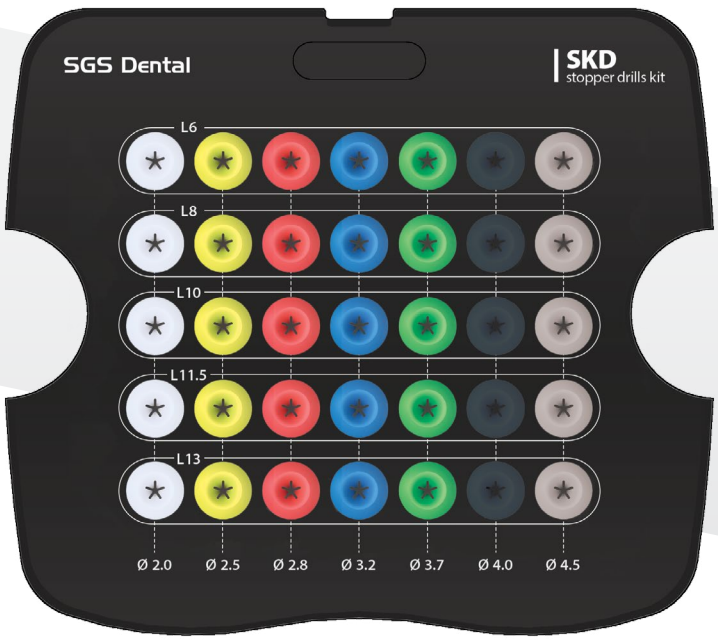
SKM-C
with
Conical drills
Ref. num.: 10391

L6 Ø 2.0 Ref. num.: C10126	L6 Ø 2.5 Ref. num.: C101256	L6 Ø 2.8 Ref. num.: C101286	L6 Ø 3.2 Ref. num.: C101326	L6 Ø 3.7 Ref. num.: C101376	L6 Ø 4.0 Ref. num.: C101406	L6 Ø 4.5 Ref. num.: C101456
L8 Ø 2.0 Ref. num.: C10128	L8 Ø 2.5 Ref. num.: C101258	L8 Ø 2.8 Ref. num.: C101288	L8 Ø 3.2 Ref. num.: C101328	L8 Ø 3.7 Ref. num.: C101378	L8 Ø 4.0 Ref. num.: C101408	L8 Ø 4.5 Ref. num.: C101458
L10 Ø 2.0 Ref. num.: C101210	L10 Ø 2.5 Ref. num.: C1012510	L10 Ø 2.8 Ref. num.: C1012810	L10 Ø 3.2 Ref. num.: C1013210	L10 Ø 3.7 Ref. num.: C1013710	L10 Ø 4.0 Ref. num.: C1014010	L10 Ø 4.5 Ref. num.: C1014510
L11,5 Ø 2.0 Ref. num.: C101211	L11,5 Ø 2.5 Ref. num.: C1012511	L11,5 Ø 2.8 Ref. num.: C1012811	L11,5 Ø 3.2 Ref. num.: C1013211	L11,5 Ø 3.7 Ref. num.: C1013711	L11,5 Ø 4.0 Ref. num.: C1014011	L11,5 Ø 4.5 Ref. num.: C1014511
L13 Ø 2.0 Ref. num.: C101213	L13 Ø 2.5 Ref. num.: C1012513	L13 Ø 2.8 Ref. num.: C1012813	L13 Ø 3.2 Ref. num.: C1013213	L13 Ø 3.7 Ref. num.: C1013713	L13 Ø 4.0 Ref. num.: C1014013	L13 Ø 4.5 Ref. num.: C1014513

SKD

Stopper drills kit

Ref. num.: 104101



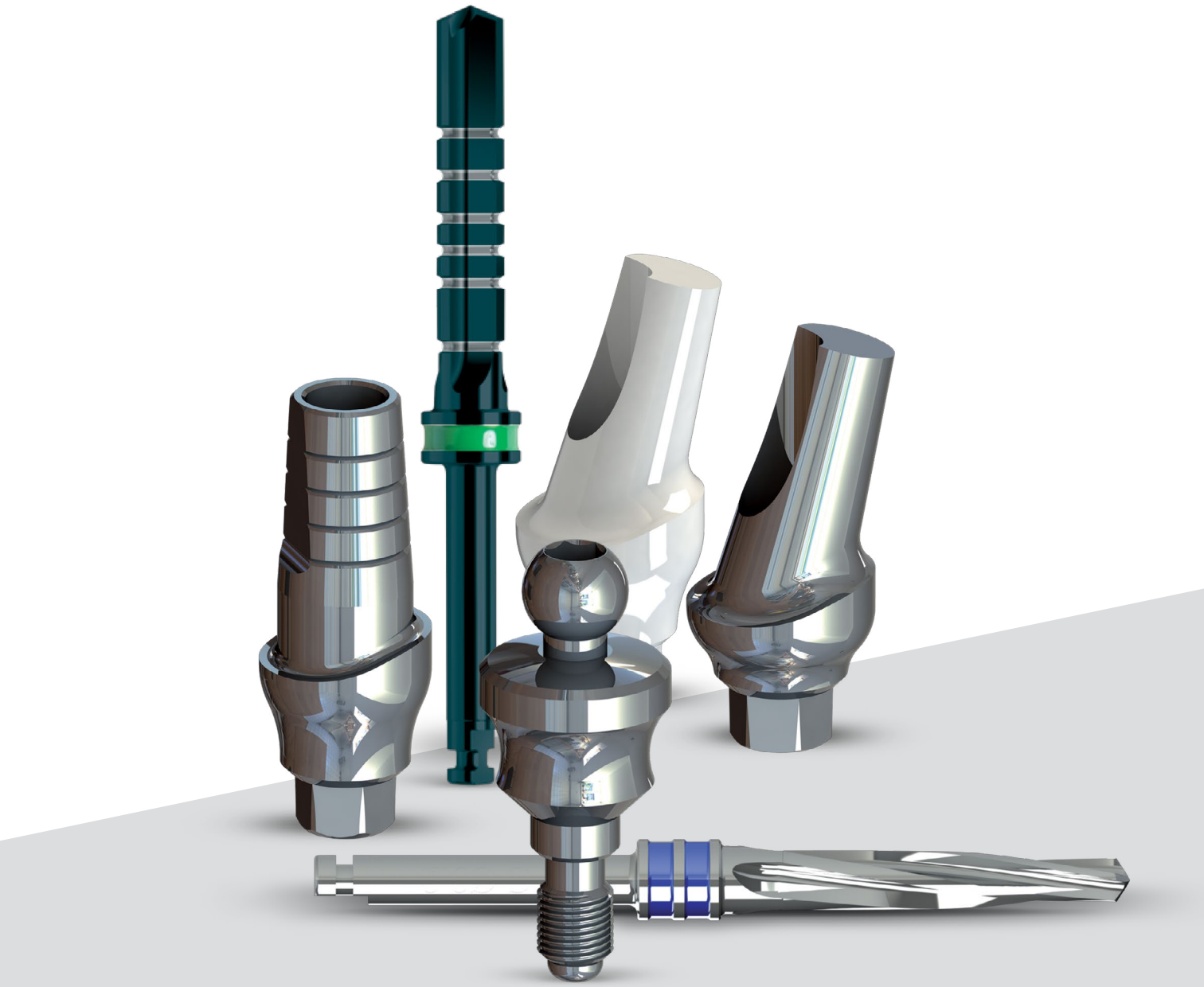
L6 Ø 2.0 Ref. num.: C10126	L6 Ø 2.5 Ref. num.: C105256	L6 Ø 2.8 Ref. num.: C105286	L6 Ø 3.2 Ref. num.: C105326	L6 Ø 3.7 Ref. num.: C105376	L6 Ø 4.0 Ref. num.: C105406	L6 Ø 4.5 Ref. num.: C105456
L8 Ø 2.0 Ref. num.: C10128	L8 Ø 2.5 Ref. num.: C105258	L8 Ø 2.8 Ref. num.: C105288	L8 Ø 3.2 Ref. num.: C105328	L8 Ø 3.7 Ref. num.: C105378	L8 Ø 4.0 Ref. num.: C105408	L8 Ø 4.5 Ref. num.: C105458
L10 Ø 2.0 Ref. num.: C101210	L10 Ø 2.5 Ref. num.: C1052510	L10 Ø 2.8 Ref. num.: C1052810	L10 Ø 3.2 Ref. num.: C1053210	L10 Ø 3.7 Ref. num.: C1053710	L10 Ø 4.0 Ref. num.: C1054010	L10 Ø 4.5 Ref. num.: C1054510
L11,5 Ø 2.0 Ref. num.: C101211	L11,5 Ø 2.5 Ref. num.: C1052511	L11,5 Ø 2.8 Ref. num.: C1052811	L11,5 Ø 3.2 Ref. num.: C1053211	L11,5 Ø 3.7 Ref. num.: C1053711	L11,5 Ø 4.0 Ref. num.: C1054011	L11,5 Ø 4.5 Ref. num.: C1054511
L13 Ø 2.0 Ref. num.: C101213	L13 Ø 2.5 Ref. num.: C1052513	L13 Ø 2.8 Ref. num.: C1052813	L13 Ø 3.2 Ref. num.: C1053213	L13 Ø 3.7 Ref. num.: C1053713	L13 Ø 4.0 Ref. num.: C1054013	L13 Ø 4.5 Ref. num.: C1054513

SKD-C

Conical stopper drills kit

Ref. num.: 104105


Internal hex - Perfect connection for abutments
3,75
PLATFORM 3.75
Prosthetic Accessories
One platform for P1 and P7
Internal hex: Perfect connection for abutments
Platform shifting



Healing caps

Product code	H - 3.75, 2 mm	H - 3.75, 3 mm	H - 3.75, 4 mm	H - 3.75, 5 mm	H - 3.75, 6 mm
Ref. number	M10472	M10473	M10474	M10475	M10476
Dimensions	D: 4,7 mm H: 2 mm	D: 4,7 mm H: 3 mm	D: 4,7 mm H: 4 mm	D: 4,7 mm H: 5 mm	D: 4,7 mm H: 6 mm
Material	Titanium 6AL-4V				
Instructions	Suitable for all implant diameters. ⚠ Recommended tightening torque 15 Ncm for the screw.				

Wide healing caps

Product code	HW - 3.75, 3 mm	HW - 3.75, 5 mm	HW7 - 3.75, 3 mm	HW7 - 3.75, 5 mm	HW8 - 3.75, 3 mm	HW8 - 3.75, 5 mm
Ref. number	M10583	M10585	M10703	M10705	M10803	M10805
Dimensions	D: 5,8 mm H: 3 mm	D: 5,8 mm H: 5 mm	D: 7,0 mm H: 3 mm	D: 7,0 mm H: 5 mm	D: 8,0 mm H: 3 mm	D: 8,0 mm H: 5 mm
Material	Titanium 6AL-4V					
Instructions	Suitable for all implant diameters. ⚠ Recommended tightening torque 25 Ncm for the screw.					

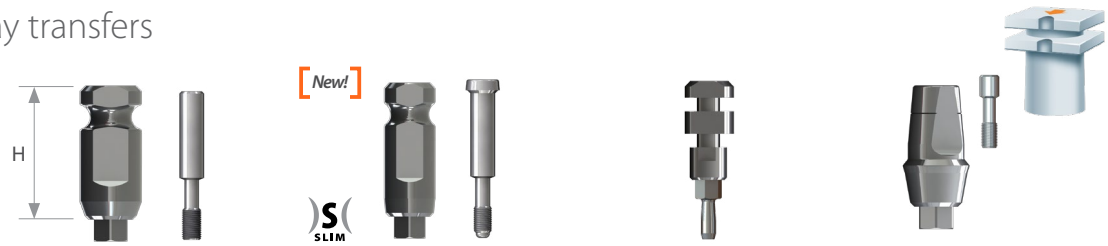
Narrow healing caps

Product code	HN - 3.75, 3 mm	HN - 3.75, 5 mm
Ref. number	M10383	M10385
Dimensions	D: 3,8 mm H: 3 mm	D: 3,8 mm H: 5 mm
Material	Titanium 6AL-4V	
Instructions	Suitable for all implant diameters. ⚠ Recommended tightening torque 25 Ncm for the screw.	

Open tray transfers

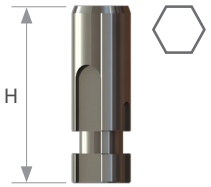
Product code	T1 - 3.75, 15 mm	T5 - 3.75, 11 mm	T4 - 3.75, 15 mm *slim*	T6 - 3.75, 11 mm *slim*	T8 - 3.75, 15 mm *slim*
Ref. number	M7615	M7611	M7615H	M7611S	M7615S
Dimensions	D: 4,5 mm H: 15 mm	D: 4,5 mm H: 11 mm	D: 3,6 mm H: 15 mm	D: 3,6 mm H: 11 mm	D: 3,6 mm H: 15 mm
Material	Stainless steel				
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.				

Closed tray transfers

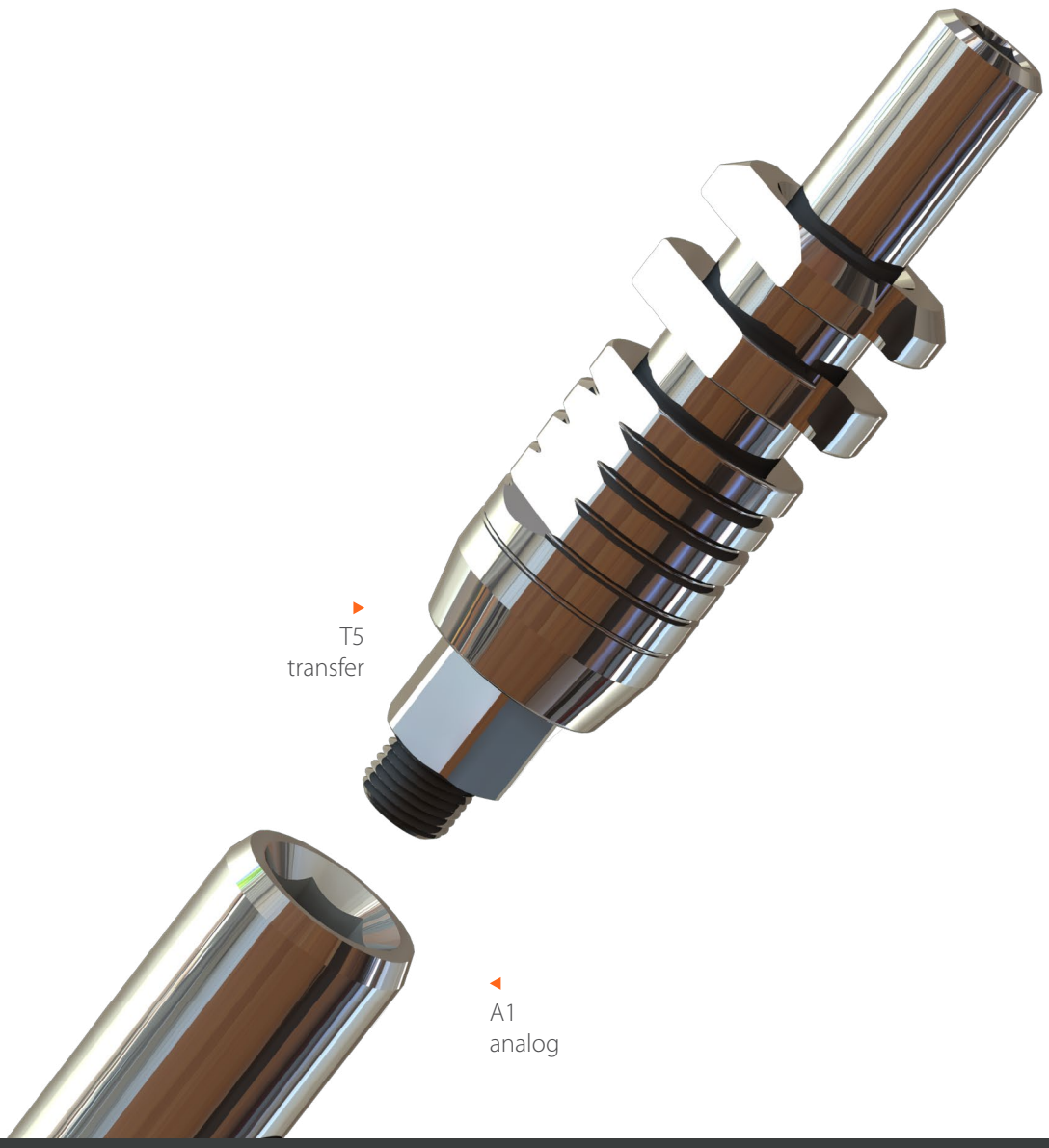


Product code	T1 - 3.75, 9 mm	T7 - 3.75, 9 mm *slim*	T2 - 3.75, 9 mm	T3 - 3.75, 9 mm
Ref. number	M779	M779S	M78	Transfer: M79 Plastic: M80
Dimensions	H: 9 mm	H: 9 mm	H: 9 mm	H: 9 mm
Material	Stainless steel			Titanium 6AL-4V/ Plastic
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.			

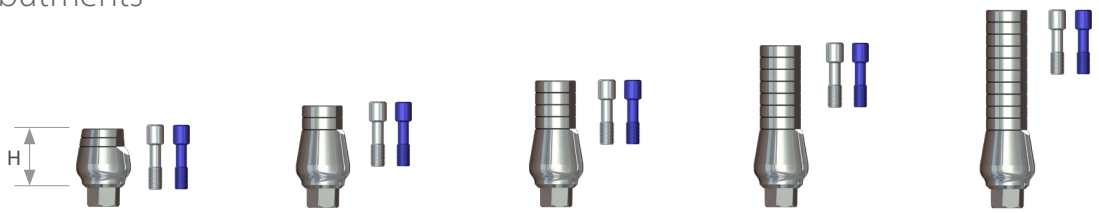
Analog



Product code	A1 - 3.75
Ref. number	M08
Dimensions	H: 12 mm
Material	Stainless steel
Instructions	⚠ Suitable for all diameters of P1/P7



Straight abutments

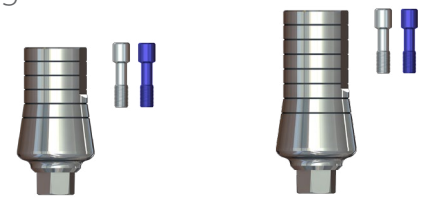


Product code	S1 - 3.75, 5 mm	S1 - 3.75, 7 mm	S1 - 3.75, 9 mm	S1 - 3.75, 12 mm	S1 - 3.75, 15 mm
Ref. number	M115	M117	M119	M1112	M1115
Dimensions	H: 5 mm	H: 7 mm	H: 9 mm	H: 12 mm	H: 15 mm
Material	Titanium 6AL-4V				
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.				

Straight narrow abutments

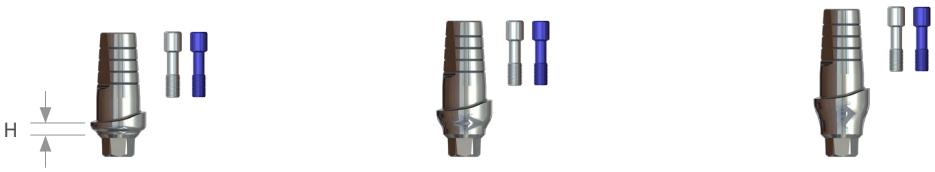
Product code	S1N - 3.75, 7 mm	S1N - 3.75, 9 mm
Ref. number	M11N7	M11N9
Dimensions	H: 7 mm	H: 9 mm
Material	Titanium 6AL-4V	
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.	

Straight wide abutment



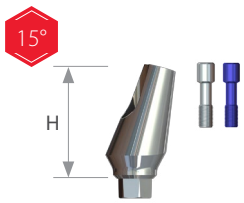
Product code	S1W - 3.75, 9 mm	S1W - 3.75, 12 mm
Ref. number	M11W9	M11W12
Dimensions	H: 9 mm	H: 12 mm
Material	Titanium 6AL-4V	
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.	

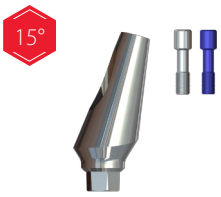
Anatomic straight abutments



Product code	S1A - 3.75, 1 mm	S1A - 3.75, 2 mm	S1A - 3.75, 3 mm
Ref. number	M121	M122	M123
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm
Material	Titanium 6AL-4V		
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.		

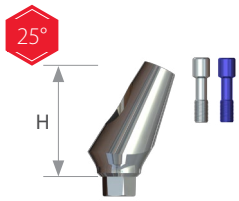
Angular abutments 15°

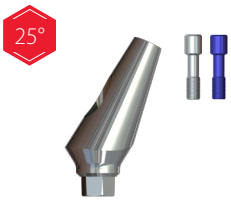




Product code	S2 - 3.75, 15° - 11 mm	S2L - 3.75, 15° - 15 mm	S2S - 3.75, 15° - 15 mm *slim*
Ref. number	M131511	M131515	M141515
Dimensions	H: 11 mm	H: 15 mm	H: 15 mm
Material	Titanium 6AL-4V		
Instructions	⚠ Recommended tightening torque 25 - 30 Ncm for the screw. Two screw included in the package.		

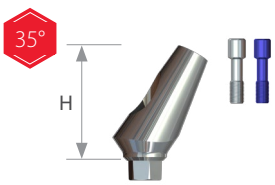
Angular abutments 25°

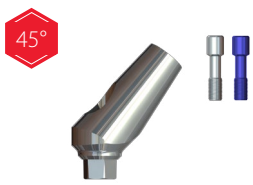




Product code	S2 - 3.75, 25° - 11 mm	S2L - 3.75, 25° - 15 mm	S2S - 3.75, 25° - 15 mm *slim*
Ref. number	M132511	M132515	M142515
Dimensions	H: 11 mm	H: 15 mm	H: 15 mm
Material	Titanium 6AL-4V		
Instructions	⚠ Recommended tightening torque 25 - 30 Ncm for the screw.		

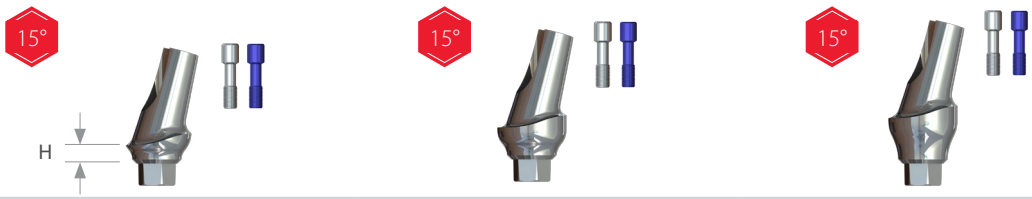
Angular abutments 35° - 45°





Product code	S2 - 3.75, 35° - 11 mm	S2 - 3.75, 45° - 11 mm
Ref. number	M133511	M134511
Dimensions	H: 11 mm	H: 11 mm
Material	Titanium 6AL-4V	
Instructions	⚠ Recommended tightening torque 25 - 30 Ncm for the screw.	

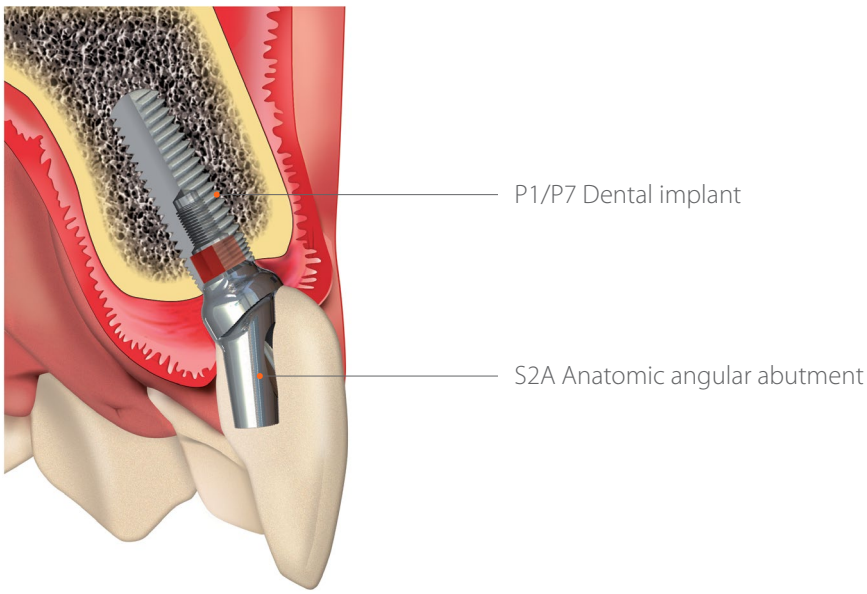
Anatomic angular abutments 15°



Product code	S2A - 3.75, 15° - 1 mm	S2A - 3.75, 15° - 2 mm	S2A - 3.75, 15° - 3 mm
Ref. number	M15151	M15152	M15153
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm
Material	Titanium 6AL-4V		
Instructions	⚠ Recommended tightening torque 25 - 30 Ncm for the screw.		

Anatomic angular abutments 25°

Product code	S2A - 3.75, 25° - 1 mm	S2A - 3.75, 25° - 2 mm	S2A - 3.75, 25° - 3 mm
Ref. number	M15251	M15252	M15253
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm
Material	Titanium 6AL-4V		
Instructions	⚠ Recommended tightening torque 25 - 30 Ncm for the screw.		



Anatomic zirconium abutments

Product code	S1AZ - 3.75, 1 mm	S1AZ - 3.75, 2 mm	S1AZ - 3.75, 3 mm
Ref. number	M161	M162	M163
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm
Material	Zirconium		
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.		

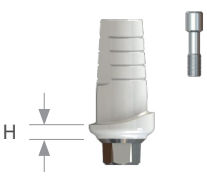
Anatomic angular zirconium abutments 15°

Product code	S2AZ - 3.75, 15° - 1 mm	S2AZ - 3.75, 15° - 2 mm	S2AZ - 3.75, 15° - 3 mm
Ref. number	M17151	M17152	M17153
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm
Material	Zirconium		
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.		

Anatomic angular zirconium abutments 25°

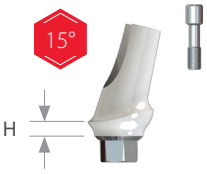
Product code	S2AZ - 3.75, 25° - 1 mm	S2AZ - 3.75, 25° - 2 mm	S2AZ - 3.75, 25° - 3 mm
Ref. number	M17251	M17252	M17253
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm
Material	Zirconium		
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.		

Anatomic zirconium abutments with titanium base




Product code	S1AZT - 3.75, 1 mm	S1AZT - 3.75, 2 mm	S1AZT - 3.75, 3 mm
Ref. number	M161T	M162T	M163T
Dimensions	H: 1 mm	H: 2 mm	H: 2 mm
Material	Zirconium / Titanium 6AL-4V		
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.		

Anatomic angular zirconium abutments with titanium base 15°

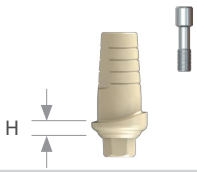


Product code	S2AZT - 3.75, 15° - 1 mm	S2AZT - 3.75, 15° - 2 mm	S2AZT - 3.75, 15° - 3 mm
Ref. number	M17151T	M17152T	M17153T
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm
Material	Zirconium / Titanium 6AL-4V		
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.		

Anatomic angular zirconium abutments with titanium base 25°

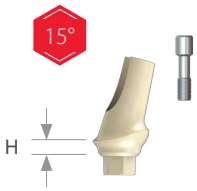
Product code	S2AZT - 3.75, 25° - 1 mm	S2AZT - 3.75, 25° - 2 mm	S2AZT - 3.75, 25° - 3 mm
Ref. number	M17251T	M17252T	M17253T
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm
Material	Zirconium / Titanium 6AL-4V		
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.		

Anatomic straight peek abutments



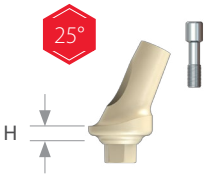
Product code	S1A - Peek - 3.75, 1 mm	S1A - Peek - 3.75, 2 mm	S1A - Peek - 3.75, 3 mm
Ref. number	M181	M182	M183
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm
Material	Peek-Classix polymer		
Instructions	⚠ The peek abutments can be used for maximum 1 year. Recommended tightening torque 15 Ncm for the screw.		

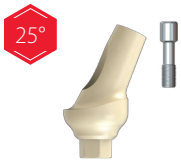
Anatomic angular peek abutments

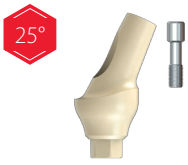


Product code	S2A - Peek - 3.75, 15° - 1 mm	S2A - Peek - 3.75, 15° - 2 mm	S2A - Peek - 3.75, 15° - 3 mm
Ref. number	M19151	M19152	M19153
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm
Material	Peek-Classix polymer		
Instructions	⚠ The peek abutments can be used for maximum 1 year. Recommended tightening torque 15 Ncm for the screw.		

Anatomic angular peek abutments

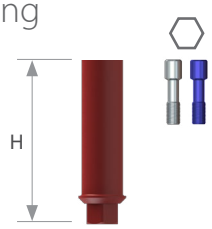


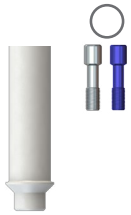




Product code	S2A - Peek - 3.75, 25° - 1 mm	S2A - Peek - 3.75, 25° - 2 mm	S2A - Peek - 3.75, 25° - 3 mm
Ref. number	M19251	M19252	M19253
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm
Material	Peek-Classix polymer		
Instructions	⚠ The peek abutments can be used for maximum 1 year. Recommended tightening torque 15 Ncm for the screw.		

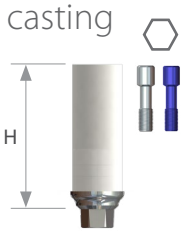
Abutments for casting





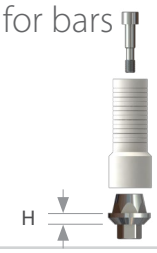
Product code	S1PNH - 3.75, 11 mm	S1PN - 3.75, 11 mm
Ref. number	M82	M81
Dimensions	H: 11 mm	H: 11 mm
Material	Plastic	
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.	

Abutment for casting



Product code	S1PT - 3.75, 11 mm	S1PCH - 3.75, 11 mm	S1PC - 3.75, 11 mm
Ref. number	M83	M85	M84
Dimensions	H: 11 mm	H: 11 mm	H: 11 mm
Material	Plastic / Titanium	Plastic / Chrome - Cobalt	Plastic / Chrome - Cobalt
Instructions	**Melting range:** > 900 °C	**Melting range:** > 1290 °C - 1380 °C	

Abutments for bars

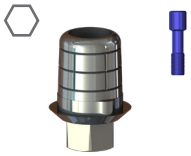


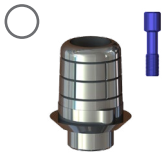
Product code	S1T - 3,75 / 0.5 mm	S1T - 3,75 / 1.5 mm	S1T - 3,75 / 2.5 mm	S1T - 3,75 / 3.5 mm
Ref. number	M8605	M8615	M8625	M8635
Dimensions	H: 0.5 mm	H: 1.5 mm	H: 2.5 mm	H: 3.5 mm
Material	Plastic / Titanium			
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.			

Scanning abutment for 3D

Product code	SPC - 3.75, 11 mm
Ref. number	M107
Dimensions	11 mm
Material	Peek-Classix polymer

Titanium base for the zirconium abutment



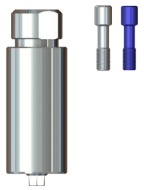


Product code	STC - 3.75 with hex	STCN - 3.75 without hex
Ref. number	M108	M109
Dimensions		
Material	Titanium 6AL-4V	
Instructions	Intended to be used for custom casting prosthetic restorations on single or multiple implants	Intended to be used for custom casting prosthetic restorations only on multiple implants

Analog and screws

Product code	A1 - 3.75	S1a	S1aa
Ref. number	M08	110	110/b
Dimensions	H: 12 mm	H: 8 mm	H: 8 mm
Material	Stainless steel	Titanium 6AL-4V	
Instructions	Suitable for all diameters of P1/P7	For laboratory use	Standard abutment screw

Individual block for milling



Product code	SIB - 3.75
Ref. number	M111
Dimensions	H: 25 mm
Material	Titanium 6AL-4V
Instructions	The titanium block abutment suitable for individual CAD CAM system

Supported systems

dental wings

3shape

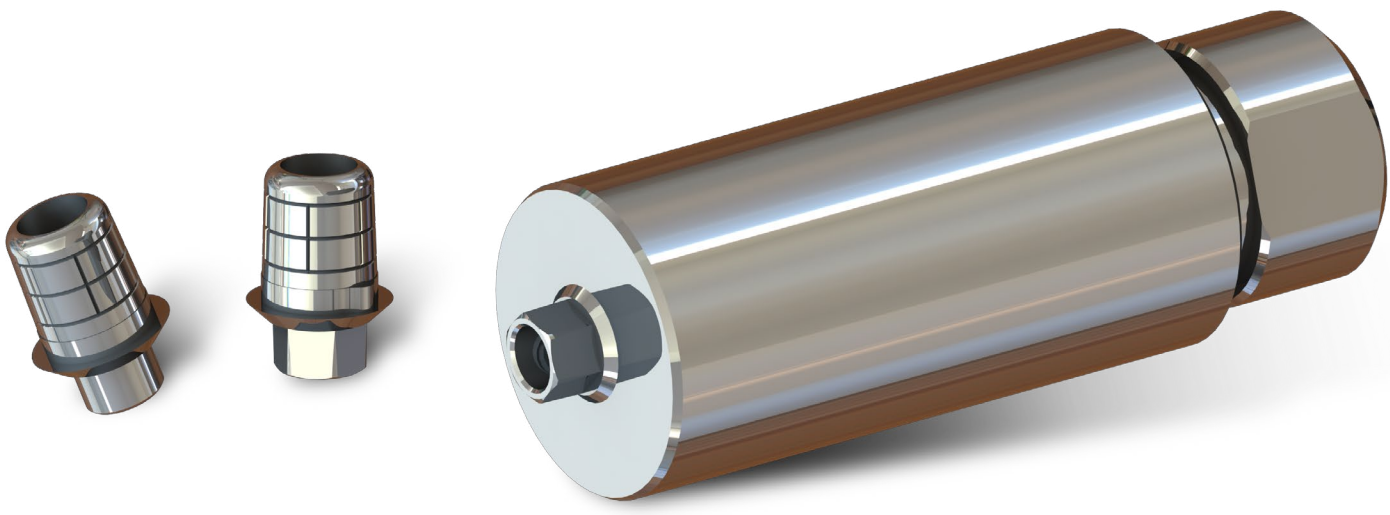
AMANNGIRRBACH

Zirkonzahn

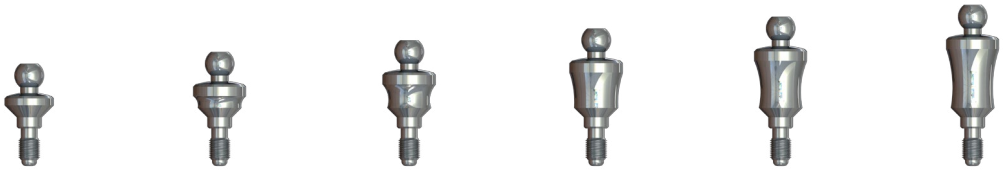
exocad

Dental Wings, 3shape, AmannGirrbach, Zirkonzahn and Exocad are trademarks or registered trademarks of their respective owners: Dental Wings LLC., 3Shape A/S, Amann Gribbach AG, Zirconzahn USA Inc., Exocad GmbH.

Ask our colleauges for detailed instructions and download links to library data.



Ball attachment

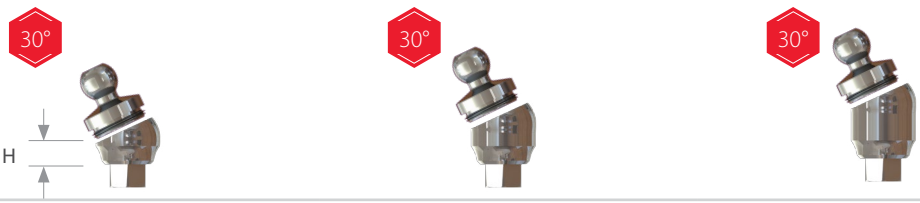


Product code	S3 - 3.75, 1 mm	S3 - 3.75, 2 mm	S3 - 3.75, 3 mm	S3 - 3.75, 4 mm	S3 - 3.75, 5 mm	S3 - 3.75, 6 mm
Ref. number	M201	M202	M203	M204	M205	M206
Dimensions	1 mm	2 mm	3 mm	4 mm	5 mm	6 mm
Material	Titanium 6AL-4V					
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.					

Angular ball attachment 17°

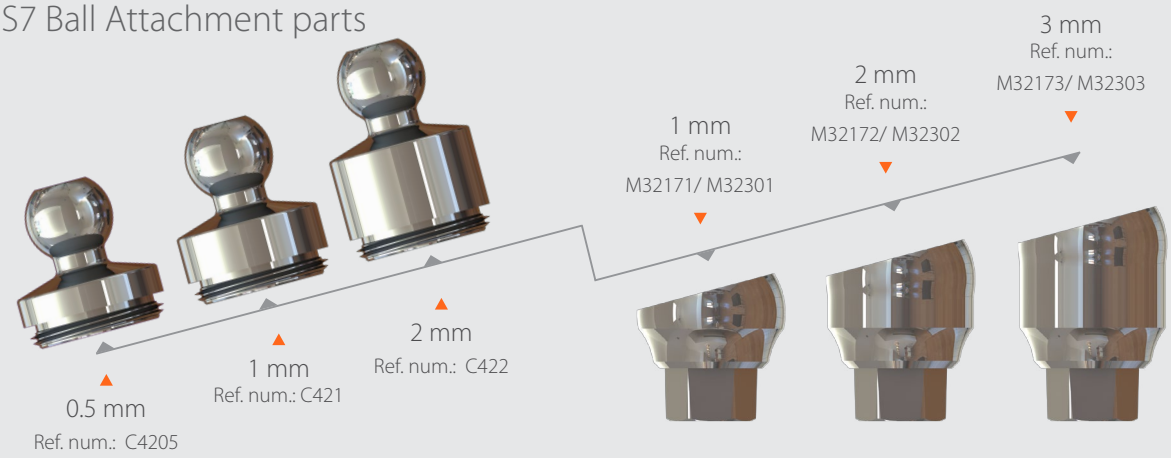
Product code	S3 - S7 - 3.75, 17° - 1 mm	S3 - S7 - 3.75, 17° - 2 mm	S3 - S7 - 3.75, 17° - 3 mm
Ref. number	M32171 / C4205	M32172 / C4205	M32173 / C4205
Dimensions	H: 1 mm	2 mm	3 mm
Material	Titanium 6AL-4V		
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.a The basic package contains 0,5 mm ball attachment part.		

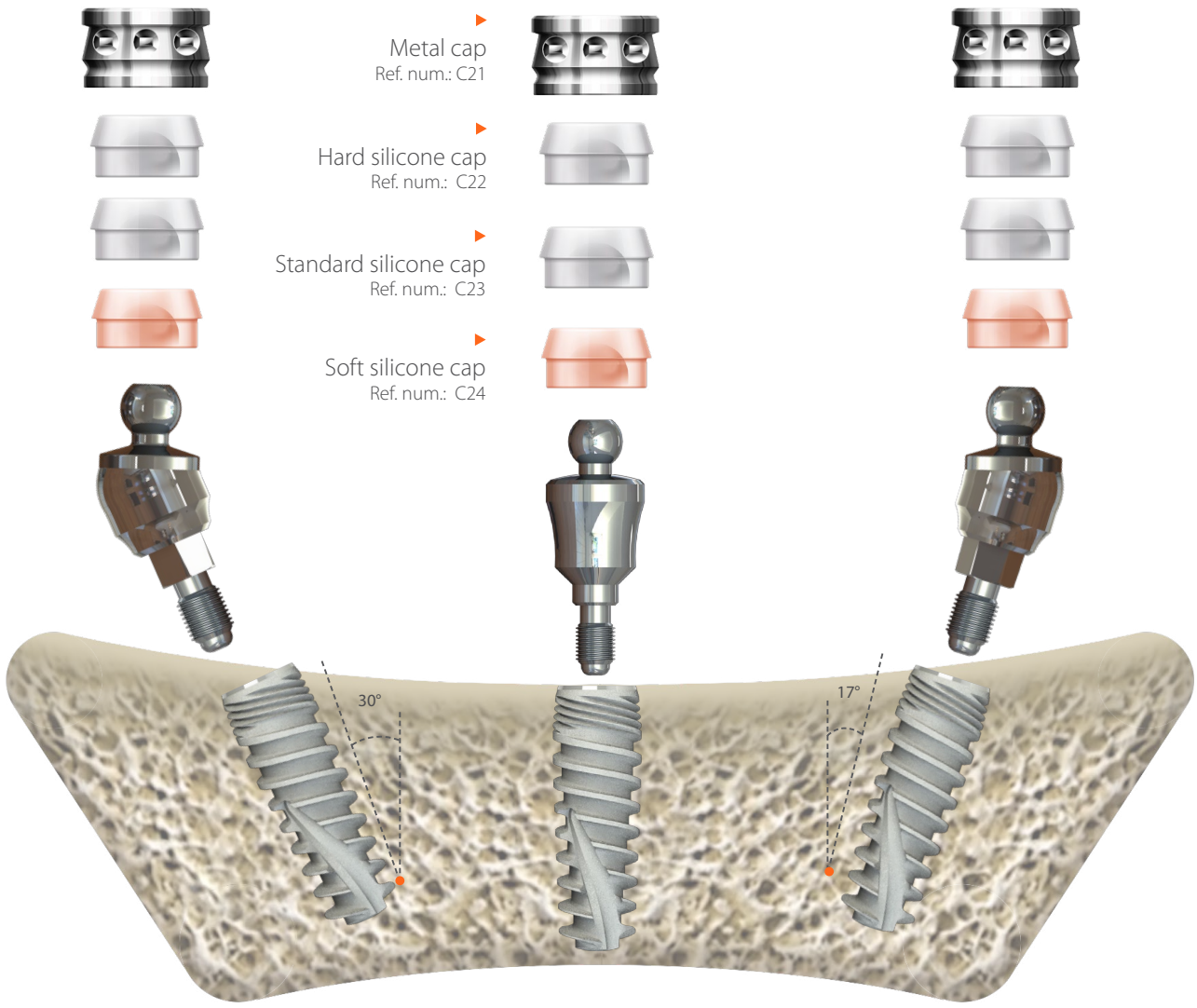
Angular ball attachment 30°



Product code	S3 - S7 - 3.75, 30° - 1 mm	S3 - S7 - 3.75, 30° - 2 mm	S3 - S7 - 3.75, 30° - 3 mm
Ref. number	M32301 / C4205	M32302 / C4205	M323013 / C4205
Dimensions	1 mm	2 mm	3 mm
Material	Titanium 6AL-4V		
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.a The basic package contains 0,5 mm ball attachment part.		

S3 - S7 Ball Attachment parts





The package containes only the standrad silicone cap!

Abutments for immediate loading

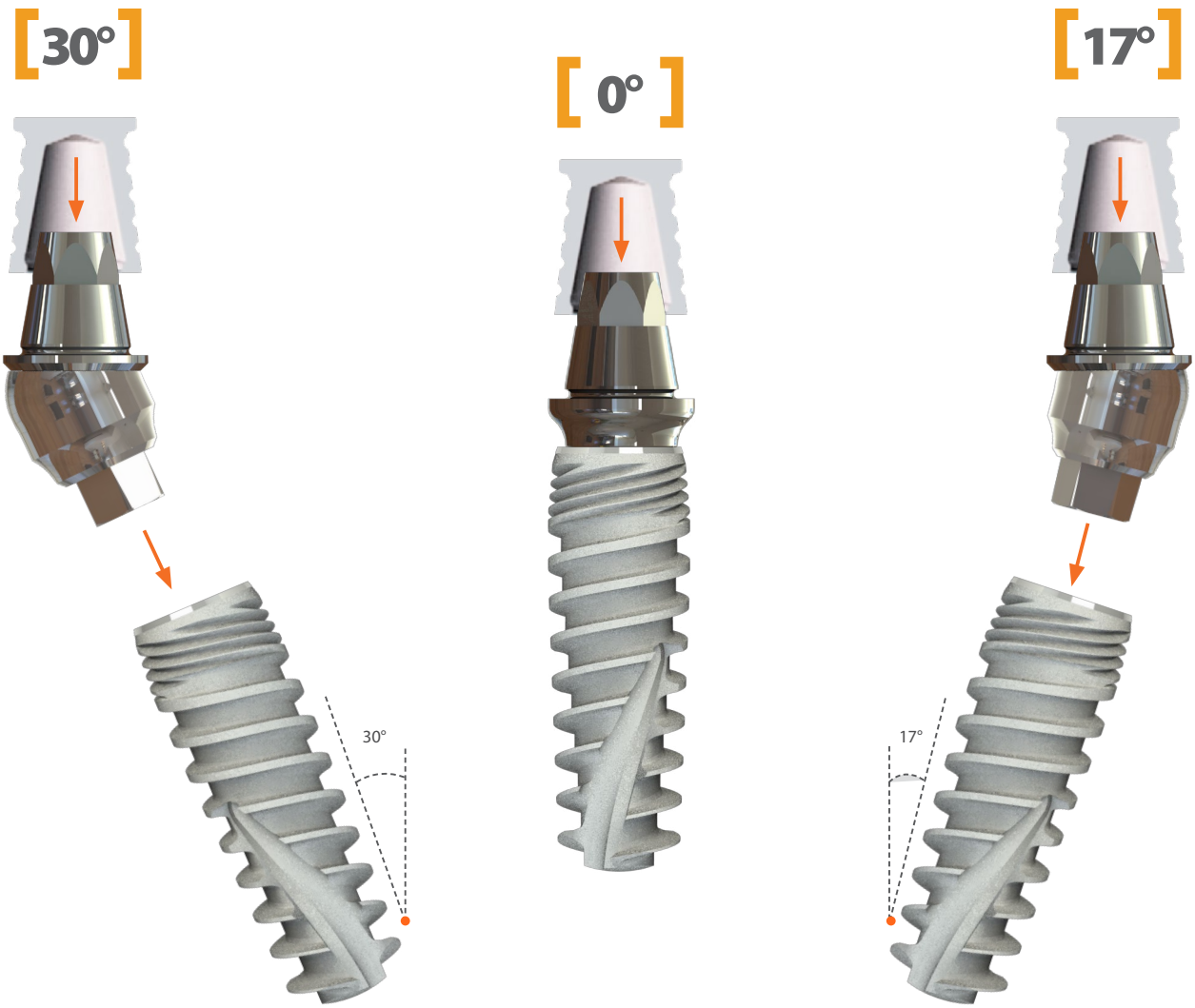
Product code	S4 - 3.75, 0.5 mm	S4 - 3.75, 1.5 mm	S4 - 3.75, 2.5 mm
Ref. number	M2605	M2615	M2625
Dimensions	H: 0.5 mm	H: 1.5 mm	H: 2.5 mm
Material	Titanium 6AL-4V		
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.		

Angular abutments for immediate loading 17°

Product code	S4 - S7 - 3.75, 17° - 1 mm	S4 - S7 - 3.75, 17° - 2 mm	S4 - S7 - 3.75, 17° - 3 mm
Ref. number	M32171 / C43	M32172 / C43	M32173 / C43
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm
Material	Titanium 6AL-4V		
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.		

Angular abutments for immediate loading 30°

Product code	S4 - S7 - 3.75, 30° - 1 mm	S4 - S7 - 3.75, 30° - 2 mm	S4 - S7 - 3.75, 30° - 3 mm
Ref. number	M32301 / C43	M32302 / C43	M32303 / C43
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm
Material	Titanium 6AL-4V		
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.		


[30°]
[0°]
[17°]
30°
17°

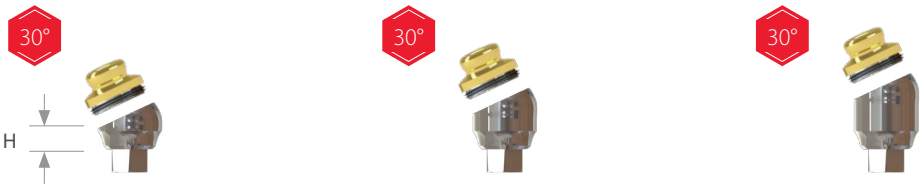
S-Lock abutment - S35

Product code	S35 - 3.75, 1 mm	S35 - 3.75, 2 mm	S35 - 3.75, 3 mm	S35 - 3.75, 4 mm	S35 - 3.75, 5 mm	S35 - 3.75, 6 mm
Ref. number	M1121	M1122	M1123	M1124	M1125	M1126
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm	H: 4 mm	H: 5 mm	H: 6 mm
Material	Titanium 6AL-4V					
Instructions	⚠ Recommended tightening torque 30 Ncm for the screw.					

S-Lock angular abutment 17°

Product code	S35 - S7 - 3.75, 17° - 1 mm	S35 - S7 - 3.75, 17° - 2 mm	S35 - S7 - 3.75, 17° - 3 mm
Ref. number	M32171 / C113	M32172 / C113	M32173 / C113
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm
Material	Titanium 6AL-4V		
Instructions	⚠ Recommended tightening torque 30 Ncm for the screw.		

S-Lock angular abutment 30°



Product code	S35 - S7 - 3.75, 30° - 1mm	S35 - S7 - 3.75, 30° - 2 mm	S35 - S7 - 3.75, 30° - 3 mm
Ref. number	M32301 / C113	M32302 / C113	M32303 / C113
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm
Material	Titanium 6AL-4V		
Instructions	⚠ Recommended tightening torque 30 Ncm for the screw.		

Accessories for S-Lock

T1-S35 Transfer
Ref. num.:
C114

A1-S35 Analog
Ref. num.:
C115

K1 - 9 mm
Ref. num.:
B19

K1 - 15 mm
Ref. num.:
B115

K2 - 9 mm
Ref. num.:
B29

K2 - 15mm
Ref. num.:
B215

K21 Hand tool
Ref. num.:
B21

K9 - 23 mm
Ref. num.:
B923

Metal cap
Ref. num.:
C116

Laboratory
Ref. num.:
C117

Extra soft
Ref. num.:
C118

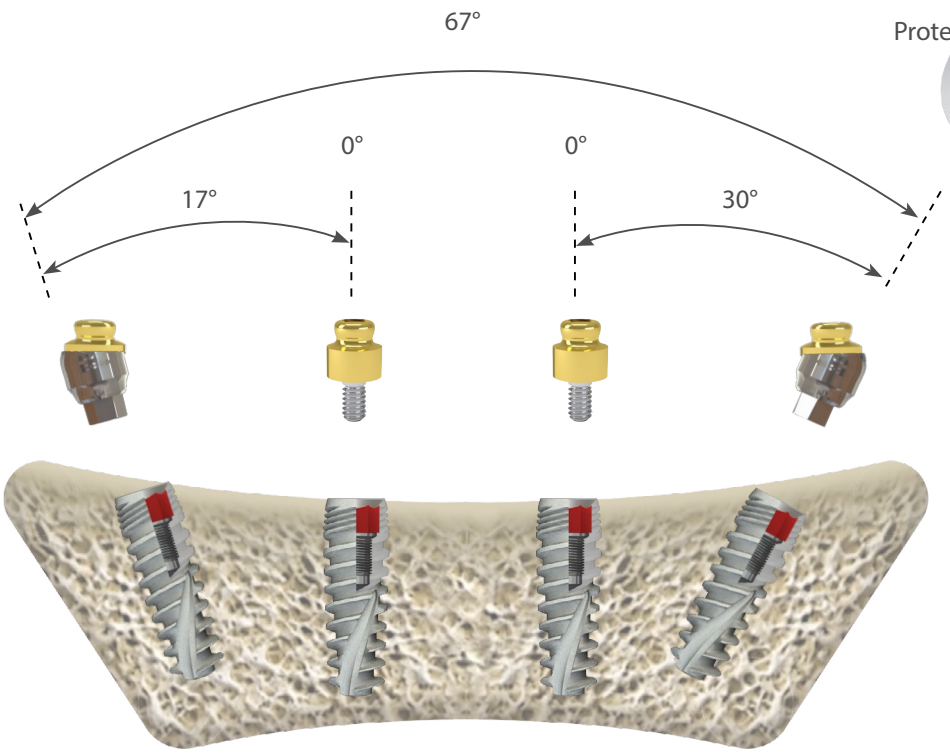
Soft
Ref. num.:
C119

Standard
Ref. num.:
C120

Strong
Ref. num.:
C121

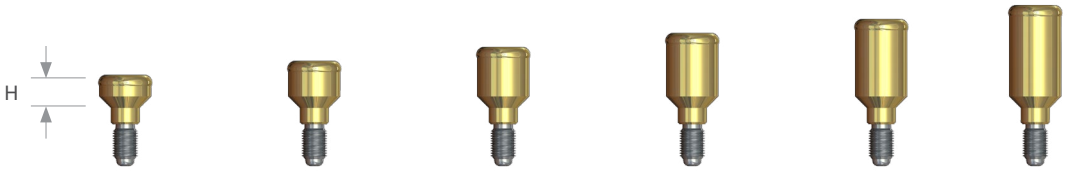
Protective disk
Ref. num.:
C122

The package contains all the caps illustrated above.



S35 recommended belowe 20 degrees, S35 - 17° / S35 - 30° recommended above 25 degrees of divergence between implant.

Easy-Fix abutments - S5



Product code	S5 - 3.75, 1 mm	S5 - 3.75, 2 mm	S5 - 3.75, 3 mm	S5 - 3.75, 4 mm	S5 - 3.75, 5 mm	S5 - 3.75, 6 mm
Ref. number	M571	M572	M573	M574	M575	M576
Dimensions	1 mm	2 mm	3 mm	4 mm	5 mm	6 mm
Material	Titanium 6AL-4V					
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.					

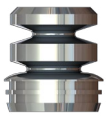
Easy-Fix angular abutments 17°

Product code	S5 - S7 - 3.75, 17° - 1 mm	S5 - S7 - 3.75, 17° - 2 mm	S5 - S7 - 3.75, 17° - 3 mm
Ref. number	M32171 / C441	M32172 / C441	M32173 / C441
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm
Material	Titanium 6AL-4V		
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw. The basic package contains 1 mm S5 part.		

Easy-Fix angular abutments 30°

Product code	S5 - S7 - 3.75, 30° - 1 mm	S5 - S7 - 3.75, 30° - 2 mm	S5 - S7 - 3.75, 30° - 3 mm
Ref. number	M32301 / C441	M32302 / C441	M32303 / C441
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm
Material	Titanium 6AL-4V		
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw. The basic package contains 1 mm S5 part.		

Accessories for Easy-Fix



T1-S5 Transfer
Ref. num.:
C58

A1-S5 Analog
Ref. num.:
C59

Metal cap
Ref. num.: C50

Lab silicone
Ref. num.: C54

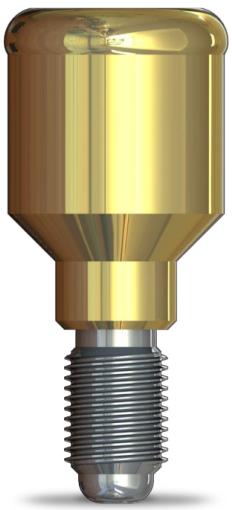
Hard silicone
Ref. num.: C51b

Medium silicone
Ref. num.: C52

Soft silicone
Ref. num.: C53

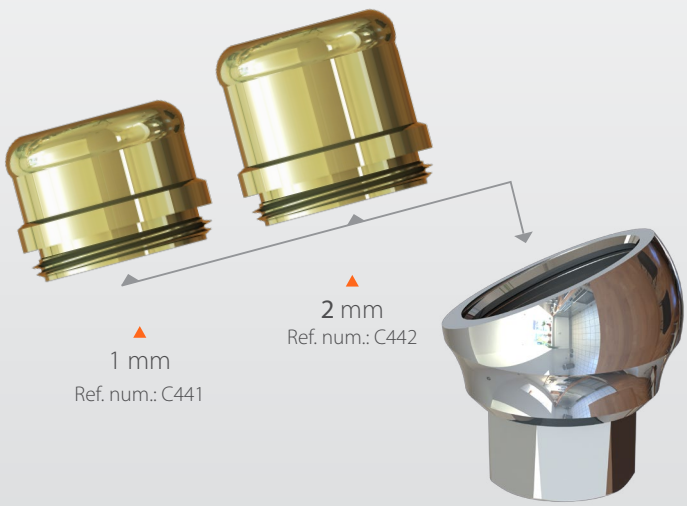
The package contains all the caps illustrated above.

K2 hand tool



S5 overdenture abutment

S5 - S7 Easy-Fix parts



2 mm
Ref. num.: C442

1 mm
Ref. num.: C441

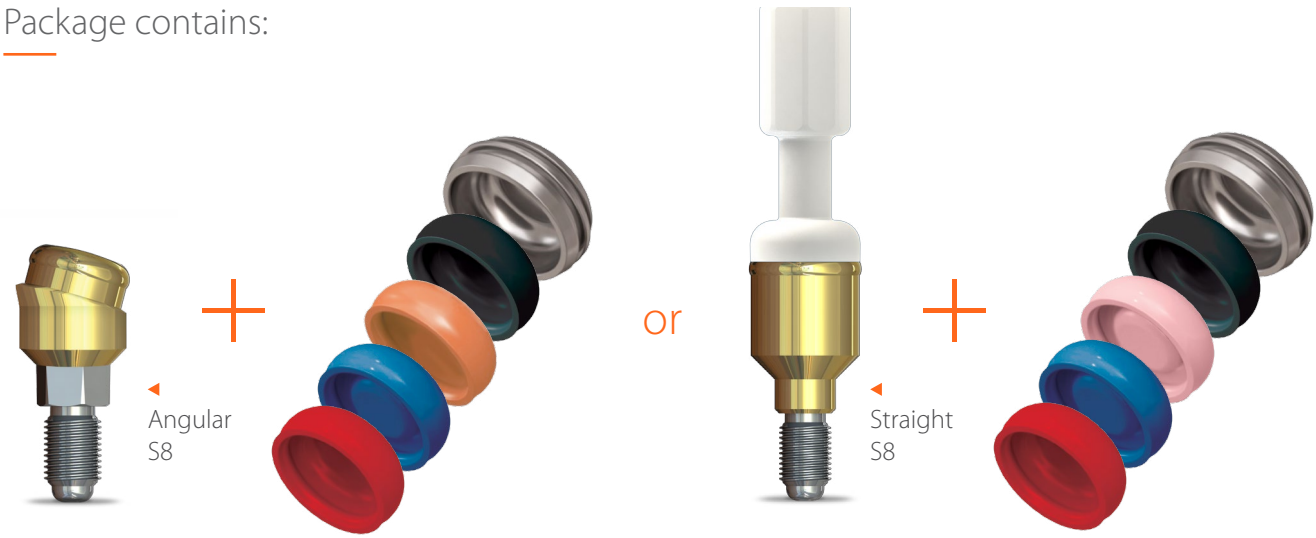
Smart-Lock abutments - S8

Product code	S8 - 3.75, 1 mm	S8 - 3.75, 2 mm	S8 - 3.75, 3 mm	S8 - 3.75, 4 mm	S8 - 3.75, 5 mm	S8 - 3.75, 6 mm
Ref. number	M451	M452	M453	M454	M455	M456
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm	H: 4 mm	H: 5 mm	H: 6 mm
Material	Titanium 6AL-4V					
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.					

Smart-Lock angular abutment - S8 - 15°

Product code	S8 - 3.75, 15° - 1.5 mm	S8 - 3.75, 15° - 3 mm
Ref. number	M461515	M46153
Dimensions	H: 1.5 mm	H: 3 mm
Material	Titanium 6AL-4V	
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.	

Package contains:



Accessories for Smart-Lock abutment

T1-S8 Transfer
Ref. num.:
C48

A1-S8 Analog
Ref. num.:
C49

K4 Hand tool
Ref. num.:
C56

Insertion part

Removal part

Magic tool
Ref. num.:
C55

Metal cap
Ref. num.:
C50

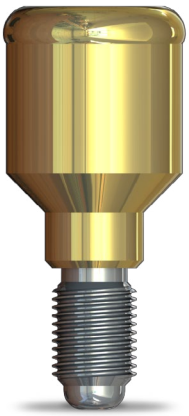
Lab silicone
Ref. num.:
C54

Hard silicone
Ref. num.:
C51

Medium silicone
Ref. num.:
C52

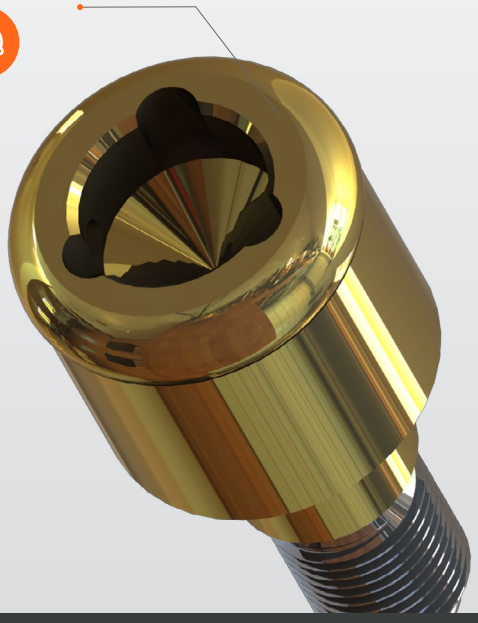
Soft silicone
Ref. num.:
C53

K4 hand tool

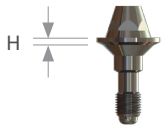


S8 overdenture abutment

Smart-Lock overdenture abutment



Straight multi-unit abutment - S6



Product code	S6 - 3.75, 0.5 mm	S6 - 3.75, 1.5 mm	S6 - 3.75, 2.5 mm
Ref. number	M3105	M3115	M3125
Dimensions	H: 0.5 mm	H: 1.5 mm	H: 2.5 mm
Material	Titanium 6AL-4V		
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.		

Accessories for S6

H - S6/S7
Healing cap
Ref. num.:
C33

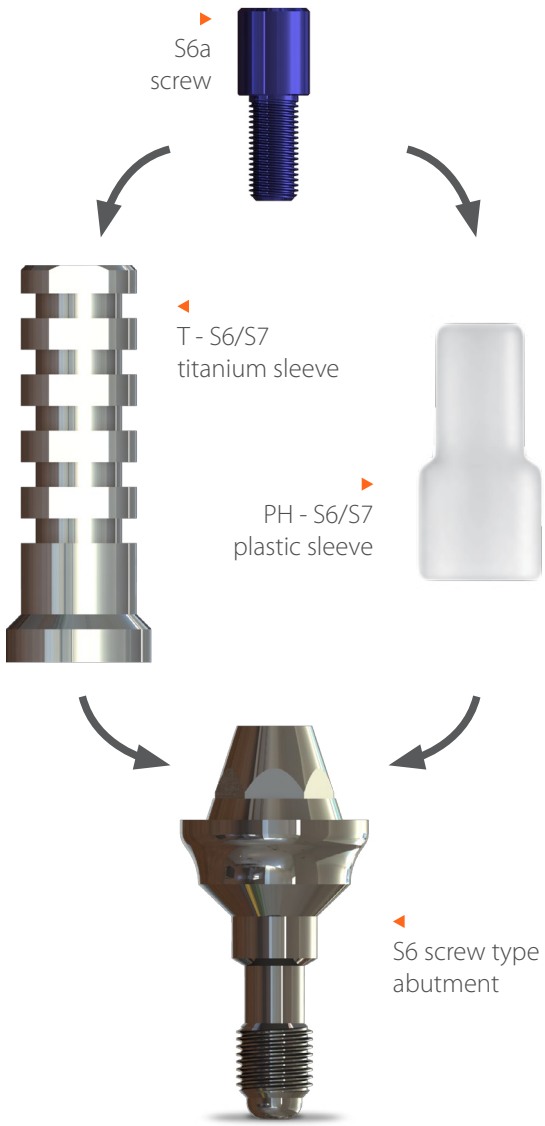
T1 - S6/S7
Transfer
Ref. num.:
C34

A1- S6/S7
Analog
Ref. num.:
C35

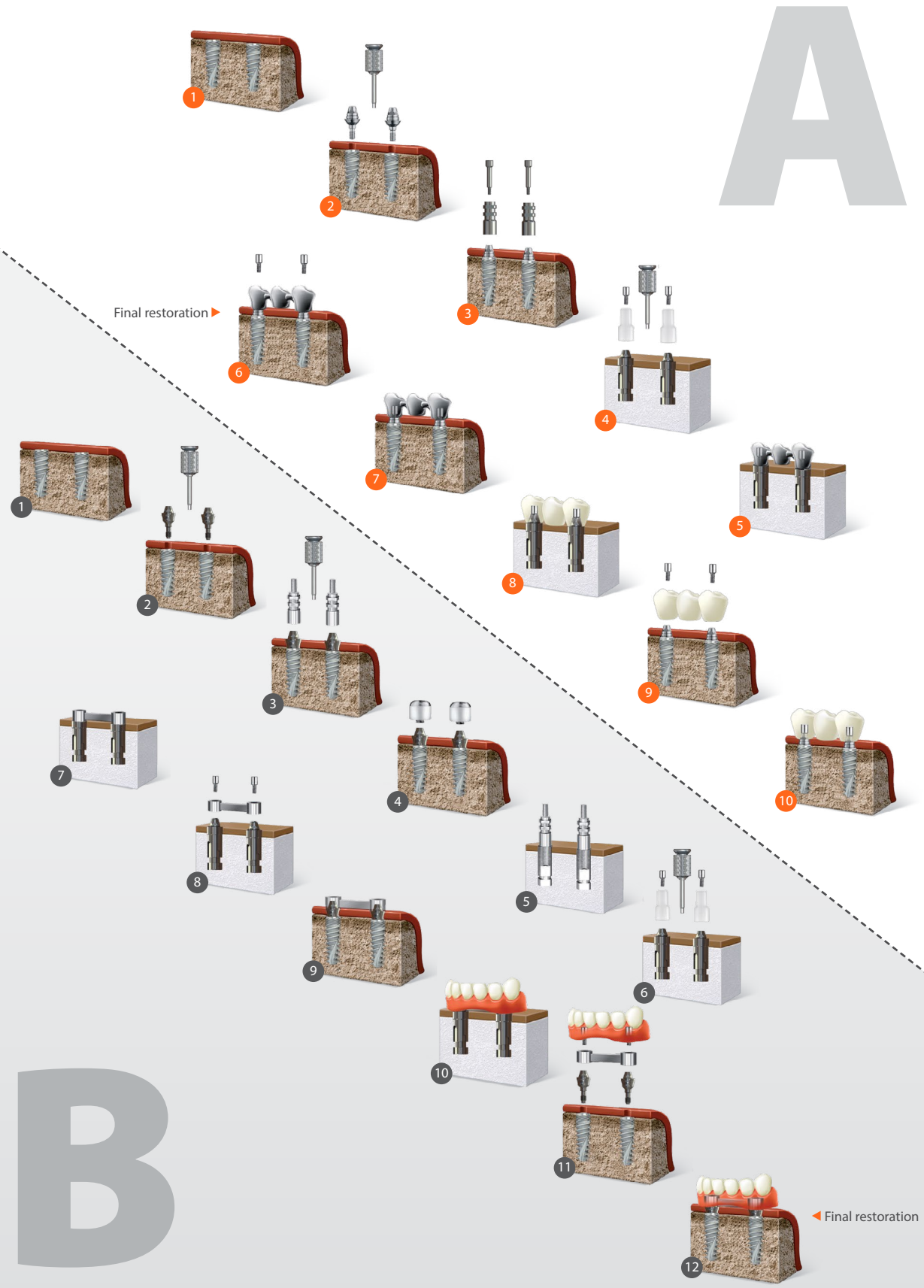
T - S6/S7
Titanium sleeve
Ref. num.:
C36

PH - S6/S7
Plastic sleeve with hex
Ref. num.:
C37

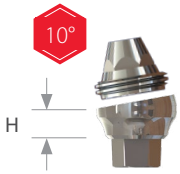
P - S6/S7
Plastic sleeve without hex
Ref. num.:
C38



Prosthetic options

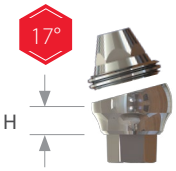


Multi-base angular abutment - S7 - 10°



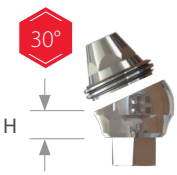
Product code	S7 - 3.75, 10° - 1 mm	S7 - 3.75, 10° - 2 mm
Ref. number	M32101 / C40	M32102 / C40
Dimensions	1 mmH:	H: 2 mm
Material	Titanium 6AL-4V	
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.	

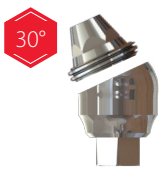
Multi-base angular abutment - S7 - 17°



Product code	S7 - 3.75, 17° - 1 mm	S7 - 3.75, 17° - 2 mm	S7 - 3.75, 17° - 3 mm
Ref. number	M32171 / C40	M32172 / C40	M32173 / C40
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm
Material	Titanium 6AL-4V		
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.		

Multi-base angular abutment - S7 - 30°





Product code	S7 - 3.75, 30° - 1 mm	S7 - 3.75, 30° - 2 mm	S7 - 3.75, 30° - 3 mm
Ref. number	M32301 / C40	M32302 / C40	M32303 / C40
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm
Material	Titanium 6AL-4V		
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.		

Accessories for Multi-base abutments

H - S6/S7
Healing cap
Ref. num.:
C33

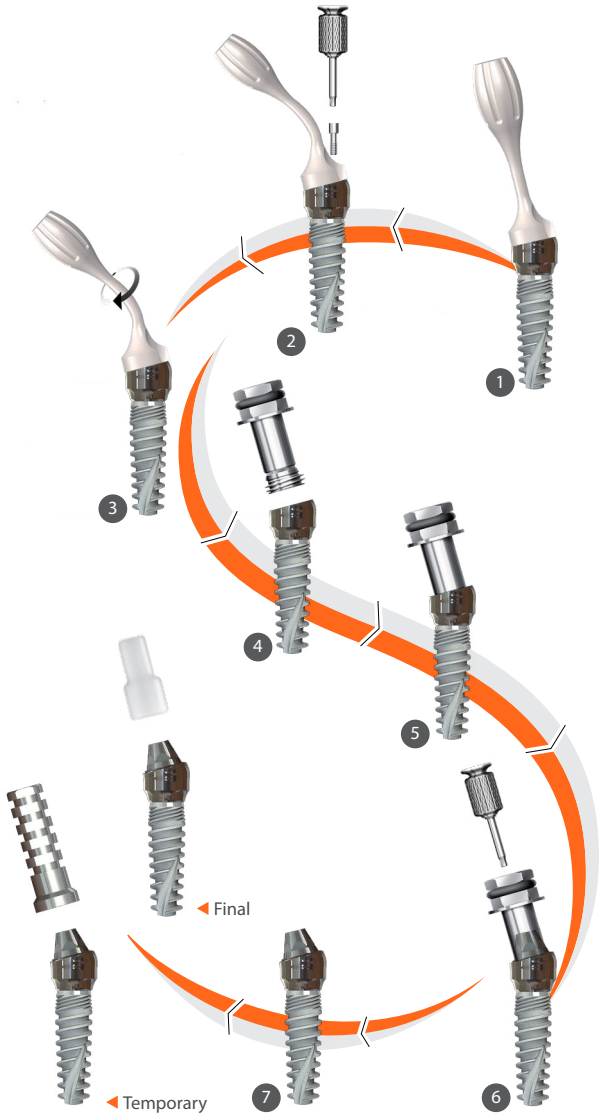
T1 - S6/S7
Transfer
Ref. num.:
C34

A1- S6/S7
Analog
Ref. num.:
C35

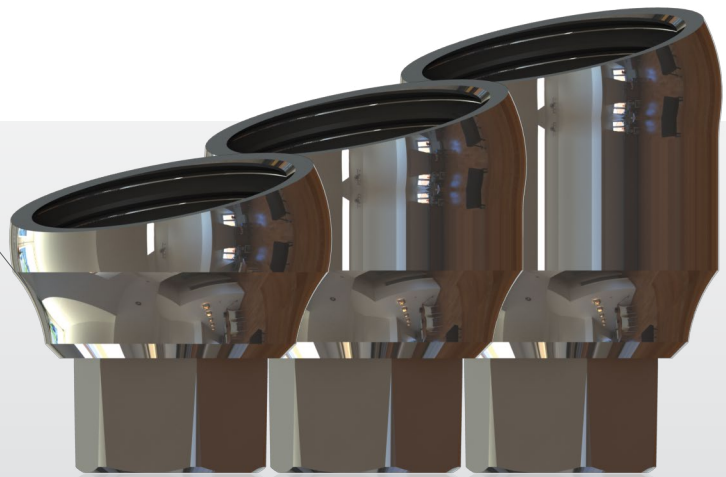
T - S6/S7
Titanium sleeve
Ref. num.:
C36

PH - S6/S7
Plastic sleeve with hex
Ref. num.:
C37

P - S6/S7
Plastic sleeve without hex
Ref. num.:
C38



S7 screw type abutment



For more information
check the video

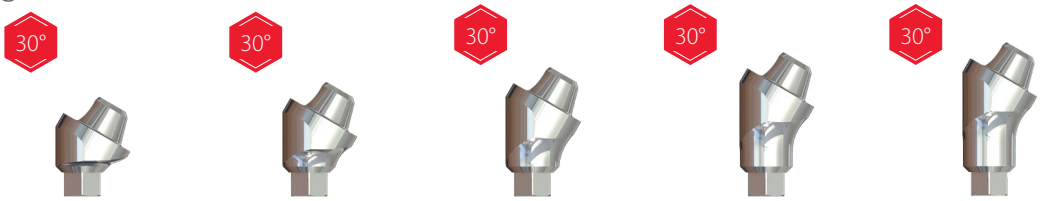
The-One multi-unit abutments - S16

Product code	S16 - 3.75, 1 mm	S16 - 3.75, 2 mm	S16 - 3.75, 3 mm	S16 - 3.75, 4 mm	S16 - 3.75, 5 mm
Ref. number	M641	M642	M643	M644	M645
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm	H: 4 mm	H: 5 mm
Material	Titanium 6AL-4V				
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.				

The-One angular multi-unit abutments - S17 - 17°

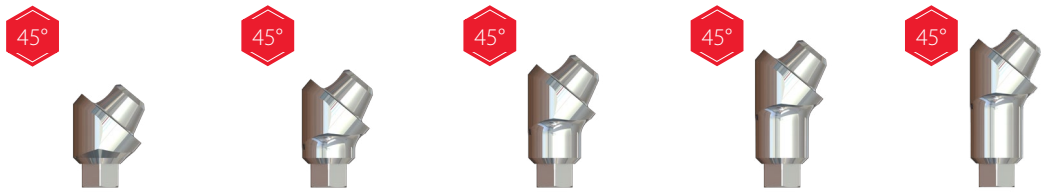
Product code	S17 - 3.75, 17° - 1 mm	S17 - 3.75, 17° - 2 mm	S17 - 3.75, 17° - 3 mm	S17 - 3.75, 17° - 4 mm	S17 - 3.75, 17° - 5 mm
Ref. number	M65171	M65172	M65173	M65174	M65175
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm	H: 4 mm	H: 5 mm
Material	Titanium 6AL-4V				
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.				

The-One angular multi-unit abutments - S17 - 30°



Product code	S17 - 3.75, 30° - 1 mm	S17 - 3.75, 30° - 2 mm	S17 - 3.75, 30° - 3 mm	S17 - 3.75, 30° - 4 mm	S17 - 3.75, 30° - 5 mm
Ref. number	M65301	M65302	M65303	M65304	M65305
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm	H: 4 mm	H: 5 mm
Material	Titanium 6AL-4V				
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.				

The-One angular multi-unit abutments - S17 - 45°



Product code	S17 - 3.75, 45° - 1 mm	S17 - 3.75, 45° - 2 mm	S17 - 3.75, 45° - 3 mm	S17 - 3.75, 45° - 4 mm	S17 - 3.75, 45° - 5 mm
Ref. number	M65451	M65452	M65453	M65454	M65455
Dimensions	H: 1 mm	H: 2 mm	H: 3 mm	H: 4 mm	H: 5 mm
Material	Titanium 6AL-4V				
Instructions	⚠ Recommended tightening torque 25 Ncm for the screw.				

Accessories for S16 / S17

T1 - S16/S17
Transfer
Ref. num.: C67

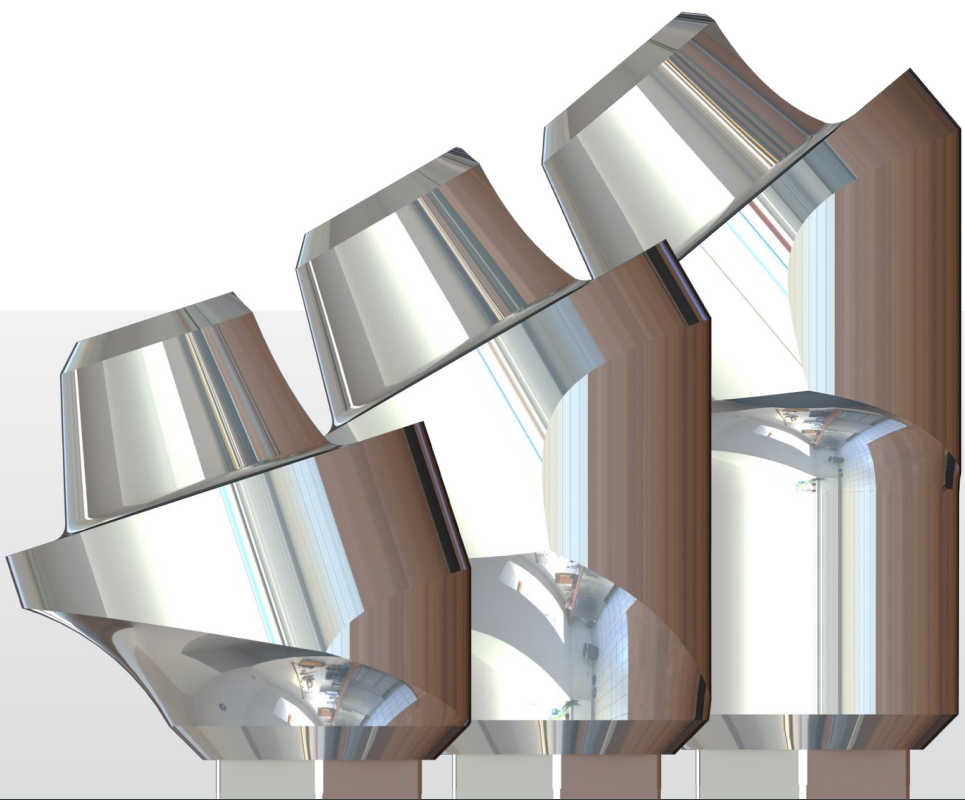
P - S16/S17
Plastic sleeve without hex
Ref. num.: C71

H - S16/S17
Healing cap
Ref. num.: C66

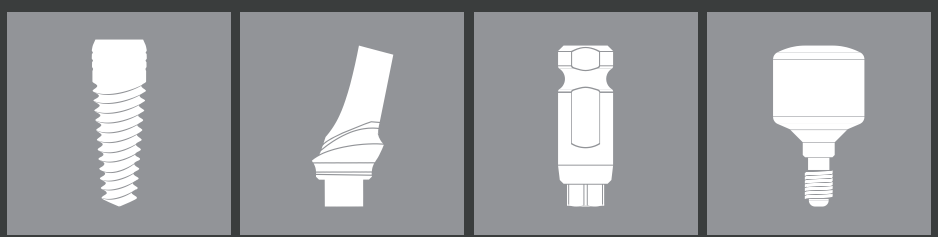
A1- S16/S17
Analog
Ref. num.: C68

T - S16/S17
Titanium sleeve
Ref. num.: C69

PC - S16/S17
Chrome Cobalt sleeve
Ref. num.: C70



MULTI-UNIT evolution



All solutions for a **perfect smile.**

Implant
Prosthetic
Surgical kits
Surgical too
Quality
Long warranty
Peek
Skills
Titanium
Zirconium
Knowledge
Education
Plastic sleeve
Wide range of sizes
Anatomic
Ratchet Hex Driver
Bone type
Surgical instruments
Favorable prices
Ball attachem
Angular
Conus platform
Surgical tools
Internal Hex

SGS Dental

Dental Implant Systems

SGS Dental Implant System Holding, reg No: FL-00023

FL-9494, Schaan, Landstrasse 27
Liechtenstein
Tel.: 00423 233 5050, 00423 233 5051
Fax: 00423 233 5052

SGS International Kft./Ltd. European Logistic Center

H-1047 Budapest, Károlyi István u. 1-3.
Tel: +36 1 328 0427

www.sgs-dental.com