

Implant System









Narrow. Slanted. Ultra-short.

The bredent group develops and produces implant solutions locally in southern Germany - our many years of experience characterise us and our products.

The properties of our copaSKY implants make them suitable for any bone situation.

- copaSKY 3.0 for the narrow gap ≤ 6 mm
- copaSKY set at an angle for optimal utilisation of the existing bone
- copaSKY ultra-short for low bone height

breden⁻

copaSKY

Testimonials



Prof. Dr. Jörg NeugebauerDental practice,
Landsberg am Lech (Germany)

The main advantage of the narrow copaSKY 3.0 implant is the standardised implant abutment connection, which is identical to that of the standard copaSKY implants. Especially with SKY fast & fixed restorations, the copaSKY 3.0 enables effortless realisation. In the narrow jaw area of the anterior teeth, the copaSKY 3.0 is used to ensure that the implants are placed in the bone in the best possible way. In the premolar region, we use angulated implants to optimally utilise the local bone and in the molar region, ultra-short implants offer an ideal solution to avoid further augmentation or large extensions.



Dr. Florian Göttfert edel & weiss, Nuremberg (Germany)

As a practice specialising in aesthetic and oral surgery, we need the perfect implant for all indications. copaSKY 3.0 complements the existing portfolio of the SKY implant system used in our practice.

SKY implant system used in our practice and is specially designed for indications in the anterior mandibular region and for narrow gaps smaller than 6 mm in the maxillary lateral sinus region. The simplicity of the prosthetic restoration is essential for our team in order to ensure a successful restoration by the dentist providing follow-up treatment.

Of particular interest is the back taper, which stimulates bone growth around this area and ensures complete bony healing.



The copaSKY 3.0 is so special because it enables the same good prosthetics as a standard implant with limited mesiodistal space. This is unique.





Dr. Luis Bessa North Clinic, Porto, Portugal

copaSKY 3.0 is the best implant for narrow gaps - especially in the maxillary posterior region and the lower anterior region.



Dr. Venceslav Stankov Dental Center Dr. Stankov, Plovdiv, Bulgaria

A narrow implant increases versatility, expands indications and opens up new possibilities for patient rehabilitation. Dealing with limited spaces and anatomical defects becomes easier. Same surgical kit, same prosthetics - making life easy.

Characteristics

Reliable complete package

Patients with a reduced bone supply require special solutions in order to enjoy the benefits of a safe and durable implantological restoration.

With our copaSKY implant system, you can avoid traditional procedures such as bone augmentation or sinus lifts.

OP-Tray – One4All



Free Hand

- for all implants of the SKY family
- for all diameters and lengths
- Drill for D1 bones and for D2-4 bones with attachable drill stops
- Bone quality orientated drill protocol
- 1 OP tray for all implant lines

Guided

- Guided preparation for Ø 3.5 to 4.5
- Guided implant positioning (not whiteSKY)
- Drill for D1 bones and for D2-4 bones

Perfect in all bone situations

The Benefits

- High primary stability with almost all bone qualities.
- Backtaper for the application of bone chips. It reduces the friction to the cortical bone and ensures that it is preserved in the long term.
- The ultra-short copaSKY are suitable for tooth-by-tooth restorations in the posterior region.

Multifunctional implant neck for perfect interaction and high primary stability.



Single-tooth restoration



Full-Arch supply



Switching gap



Prosthesis fixation on 4 implants

Indication recommendation

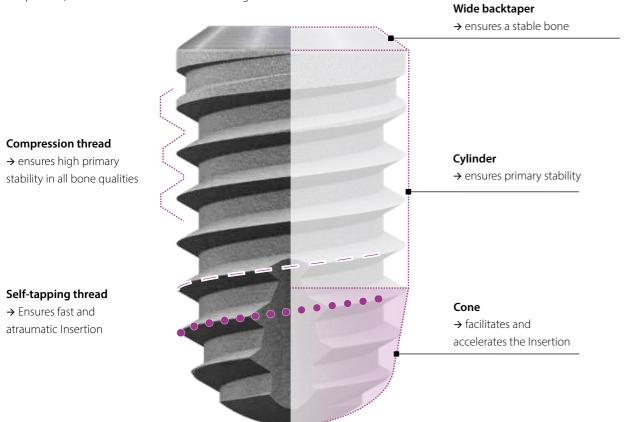
Recommendations for use

	Implant Position	Single tooth	Bridges or interlocked constructions				warman sa kala
			Front	Switching gap	Freeing	Full Arch	removable
copaSKY	Subcrestal	Yes	Yes	Yes	Yes	Yes	Yes
copaSKY	Subcrestal		No extensions	Tooth by tooth	Tooth by tooth	Support	Support in
ultrashort		V		blocked or	blocked or	implant	the front and
		Yes	res	Individual crowns	individual crowns		posterior
							(4 implants)
copa SKY 3.0	Subcrestal	narrow gaps	Tooth for tooth	mesial bridge		Supporting	Support in
		≤ 6 mm	max. 17.5°	abutment No	implant in the	the front	
					INO	front max. 17.5°	and posterio
							(4 implants)

Structure of the implant

Conical-cylindrical implant shape

→ Optimum, even load distribution of the chewing Forces

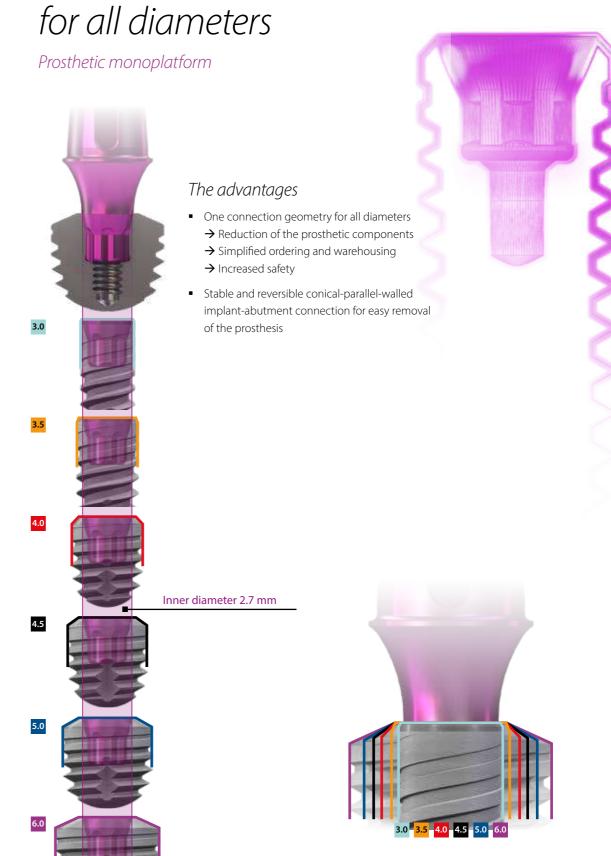


Torx

→ Gold standard for insertion with high torques



One connection for all diameters



10 -

copaSKY

Implant surface

Surface attachment

The multifunctional implant neck in combination with the abutment material, design and surface is an essential prerequisite for the formation of a gingival cuff that protects the implant.

Our One-Time-Therapy additionally supports this process.

1 Machined surface

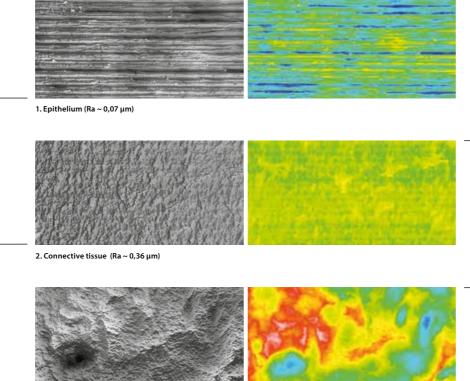
Horizontal microgrooves support the attachment of the connective tissue.

(2) Etched surface

Etched transition structure offers bone and soft tissue possibilities for adaptation.

3 Blasted & etched surface

Blasted etched surface for the the attachment of osteoblasts for rapid osseointegration.







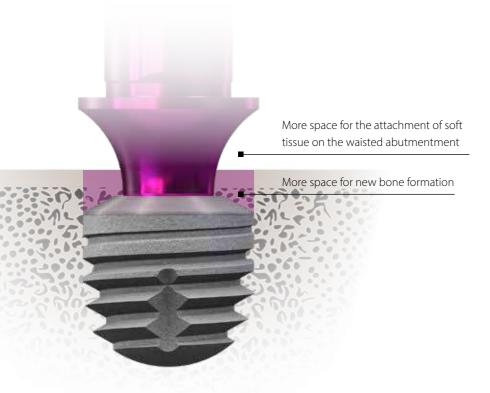
More bone

Bone Growth Concept

The Bone Growth Concept is the further development of the platform switch. The subcrestal placement of the microstructured back taper of the SKY and copaSKY implants in combination with customised abutments not only prevents bone resorption, but also also reliably supports osseointegration, which completely surrounds the implant with new bone and improves the implant success rate.

Bone growth on the back taper of copaSKY backtaper has been clinically observed in many cases and confirmed in a recent multi-centre clinical investigation and in current clinical studies.

Subcrestal positioning



Stable bone level





"The stable bone around the copaSKY implants is simply phenomenal"

Pictures and comments: Zafer Kazakh, Istanbul, Turkey More bone.
More patients.
More treatments.



Backtaper.

Microstructuring.

Subcrestal Positioning.

One step further than Platform Switch – **Bone Growth Concept** from bredent medical.





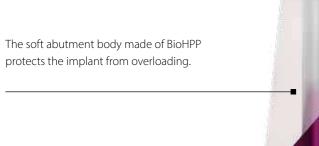
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Abutments

BioHPP copaSKY elegance abutments

The BioHPP copaSKY elegance abutment is the abutment for one-time therapy and immediate restoration. We recommend the use of BioHPP copaSKY elegance abutments as a 'stressbreaker' for the permanent protection of the implants.



One-time: An abutment change is not necessary is not necessary so that the attached soft tissue is not destroyed.



Histological analysis of SKY elegance abutments made of BioHPP. Detail of the deposition of connective tissue after 8 weeks.

Prof JE Maté Sánchez de Val. Murcia, Spain, Poster EAO Meeting 2016 , Paris

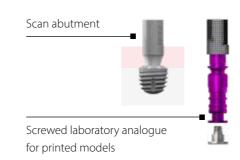
Implant-abutment connection and screw seat made of titanium make it the definitive abutment.

This leaves all technologies available to you:

 Prefabricated abutments that can be customised Manually with the for2press process manufactured custom abutments CAD/CAM production from copaSKY elegance BioHPP prefabs

CAD/CAM restorations

Our prosthetic components for copaSKY are suitable for the digital process landscape and offer a complete workflow for all open CAD/CAM systems in the laboratory.







Prefabs made of BioHPP and grade 4 titanium KV with the original implant-abutment Connection



Large selection of titanium bonding bases for single-tooth and bridge restorations - uni.fit



Ti-base flex for temporary and permanent restorations

Full-Arch immediate supply

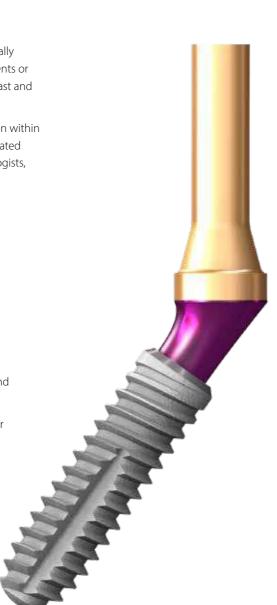
SKY fast & fixed

The SKY fast & fixed therapy from bredent medical was specially developed for the immediate restoration of edentulous patients or those with teeth that are not worth preserving. It enables a fast and reliable restoration in just one day.

The ability to perform implantation and temporary restoration within one day considerably reduces the treatment time. The integrated concept enables seamless collaboration between implantologists, prosthodontists and dental technicians.

Your benefit

- Quick and safe handling during treatment
- Form-Fit
 - → High stability of the connection between abutment and prosthetic restoration
- uni.cone multi-unit abutments with slim 4.5 mm diameter
- Scalloped emergence profile in free-form technology
 - ightarrow Utilisation of the existing bone
- One-Time Therapy
- → Perfectly attached soft tissue
- → Saving time and costs
- → Increase in sales



Reduced treatment times

→ Fast and safe treatment is easy on the Patient

Reduced costs

→ Fixed bridge on a reduced number of implants with utilisation of the local bone



Less surgical interventions

→ Avoidance of risks

Standardised workflow

→ Support through complete protocols

Abutments



fast & fixed

Screwed at abutment Level

This component already carries the diversity in its name. Universal use complements intelligent treatment concepts, increases safety through standardised processes and also reduces costs in practice organisation, regardless of the implant system used.





Photos: Prof Dr Jörg Neugebauer, Landsberg am Lech,

To avoid extensions of more than one tooth with SKY fast & fixed short copaSKY implants are suitable - supplied with copaSKY uni.cone abutments.

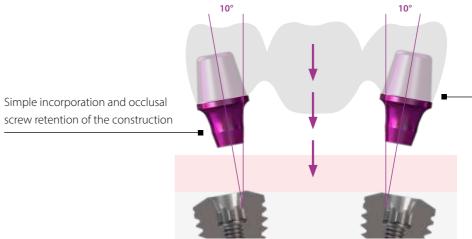
The copaSKY uni.cone abutments are made with the same prosthetic components and the same prosthetic concept as the SKY uni.cone abutments.



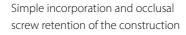
Bridge and bar abutmentment

Screwed directly into the implant

Directly screw-retained restorations with bonded bridges require angulation compensation in many cases. The way in which the lateral and occlusal forces are transferred to the implant is particularly important.



The flat tapered connection enables an angle compensation of 20° between two implants, so that the bridges can already be bonded in the laboratory





Various bridge and bar abutmentsare available



The long cone guides the lateral and occlusal forces directly into the implant and thus protects the screw from loosening and fractures







Abutments

extended solution

exso

The copaSKY exso abutment ensures efficient and economical processes for cemented restorations and enables one-time therapy without changing the abutment.

Simple, fast and aesthetic Realisation of exso abutments on copaSKY



Highly economical procedure, as the final abutment is used for impression taking

Using the SKY moulding cap for closed trays





Easy impression taking of angulated implants at implant level thanks to angulation compensation of up to 35°





The easy customisability of the abutments in the laboratory creates the prerequisites for optimally designed aesthetics

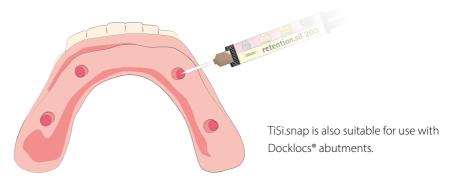


TiSi.snap

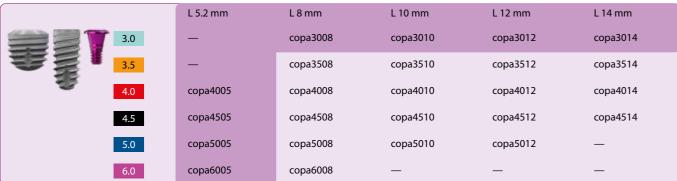
fixed and yet removable

The TiSi.snap abutments with large retention surfaces and the resilient special silicone retention.sil set new standards in the reliable and long-term fixation of dentures. The unique resilience gives the patient a natural chewing sensation.

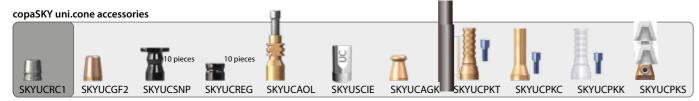
Narrow implants in the front and ultra-short implants far posteriorly support the stability of the prosthesis with a large-span support area. The bone is preserved because little pressure is exerted on the posterior bone.



copaSKY implants



copaSKY – prosthetics



copaSKY uni.cone



uni.cone laboratory







titanium base



copaSKY CAD/CAM - open systems



copaSKY scan abutment 12 prefab titanium COPPFTST

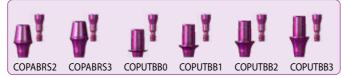


uni.fit titanium base

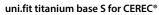




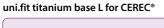
copaSKY bridge and bar abutments



closed systems









Simple download of instructions for use using a standard PC or mobile device and Adobe

Acrobat Reader software. Free of charge at:

https://get.adobe.com/reader/.

A printed version is available from the manufacturer within 7 days (in case of shipment to the EU).

Order information F: +49 7309 872-440

@: dagmar.herrmann@bredent.com



Technical data copaSKY from page 8



copaSKY gingiva former

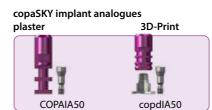


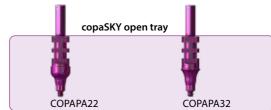
copaSKY Ti-base flex

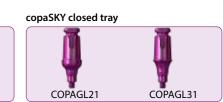


copaSKY Ti-base flex bridge



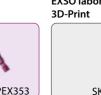


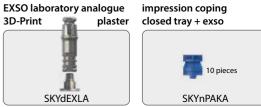












copaSKY titanium abutments



copaSKY TiSi.snap





Docklocs®-Abutments 0°

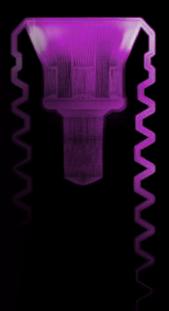


Docklocs®-Abutments anglet 18°



Docklocs® retention sets (compatible with Locator)





Missake and subject to change reserved



