

## Presentation of the system



Leading in immediate restoration

We are

we are  
**One!**

**bredent group** : **One** manufacturer in the field of implantology and prosthetics

**bredent medical** : **One** of the leaders in immediate restorations

**HELBO** : **One** bacterial infection control

**SKY fast & fixed** : **One** session is all it takes

**BioHPP SKY elegance** : **One** abutment for temporary and final restoration

**Dentists, dental technicians, bredent group** : **One** team

**All patients** : **Everyone** is satisfied

## Tissue Related Implant Management

- Seven implant lines – one instrument kit
- The right implant for every bone situation
- SKY implant surfaces
- SKY implant design for maximum primary stability
- SKY implants overview
- SKY implant positioning in relation to the bones
- SKY surgical protocol
- Guided implantology
- SKY surgical protocol – guided

## Prosthetics

- Implant and abutment platforms
- Implant connections
- Prosthetics overview
- Classic implantology
- CAD/CAM-manufactured restorations
- Immediate and late restoration
- Prosthesis fixation

## miniSKY

The implant for narrow alveolar ridges

## copaSKY

The implant for broad alveolar ridges with low height

## whiteSKY

The esthetic zirconium implant

## Accessories and instruments for the SKY implant lines

- Drill
- Surgical tools
- Prosthetic instruments
- Screws
- Torques

## HELBO® therapy

## visio.lign veneer system

- Chipping repair kit
- Full range bonding kit for all prosthetic materials

## Order information

Fax order forms

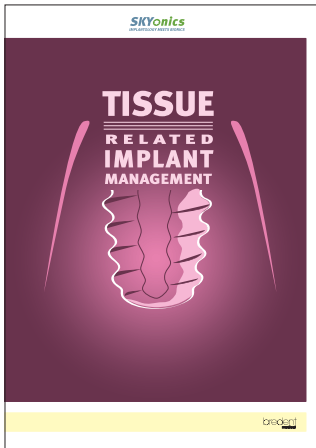
# Tissue Related Implant Management



Use and protect existing bone and soft tissue structures. A patient-oriented implant therapy for the individual tissue situation, with the aim of minimising major surgical procedures and avoiding complex augmentation. Maximum

safety for patients and practitioner. Efficient, standardised processes for the practice. The "Tissue Related Implant Management".

More information in the brochure

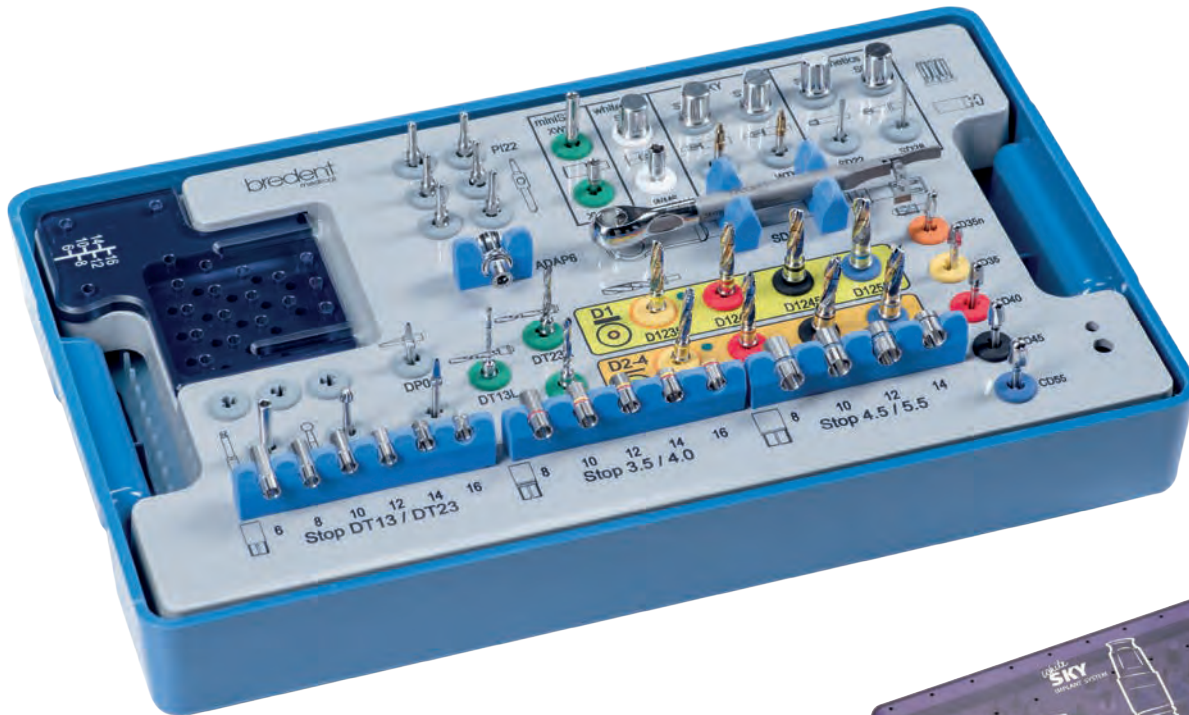


REF 009913GB

## The SKY® Implant System



## Seven implant lines – one instrument kit



SKY Surgical Kit  
REF SKYXOT21



A study by the University of Belgrade showed that, when using the SKY drill, only a small amount of heat was generated in the bone.

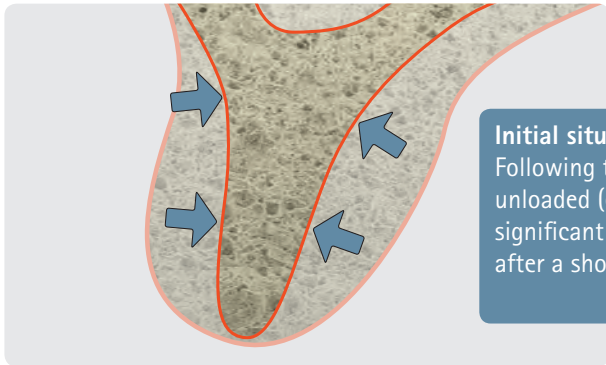
Source: Marković et al: Heat generation during implant placement in low-density bone: effect of surgical technique, insertion torque and implant macro design. *Clin Oral Implants Res.* 2013 Jul;24(7):798-805. DOI: 10.1111/j.1600-0501.2012.02460.x. Epub 2012 Apr 2.

# Tissue Related Implant Management

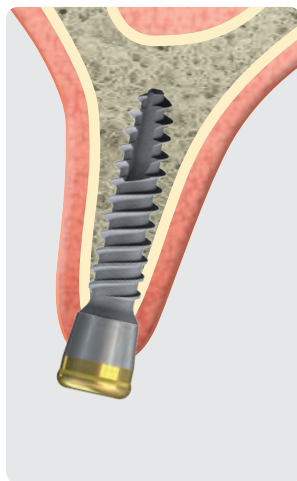
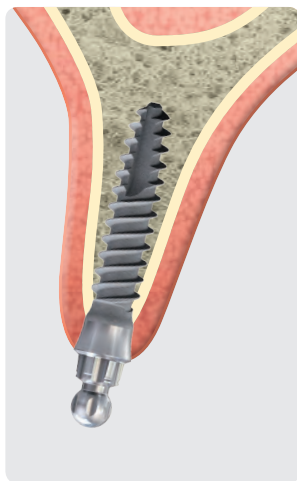
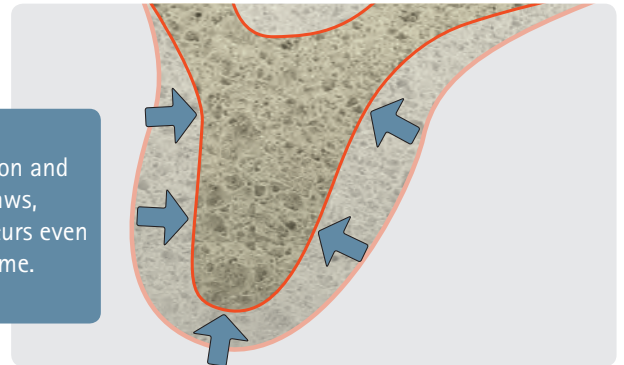
## The right implant for every bone situation

Slim implants  
 $\varnothing < 3 \text{ mm}$

Implants with reduced diameter  
 $\varnothing 3 - 3.5 \text{ mm}$

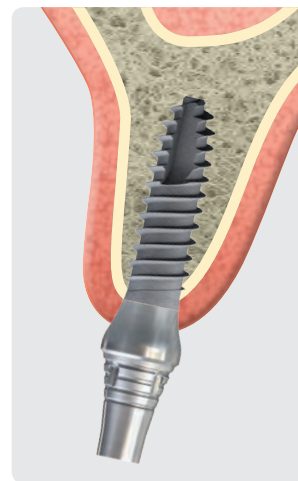


**Initial situation**  
Following tooth extraction and unloaded (edentulous) jaws, significant bone loss occurs even after a short period of time.



*mini*<sup>1</sup>  
**SKY** 2.8

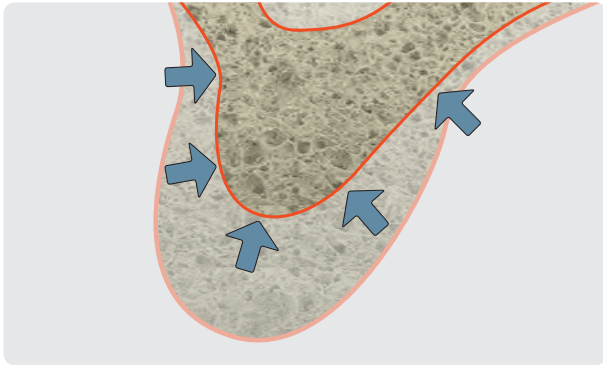
*mini*<sup>2</sup>  
**SKY** 2.8



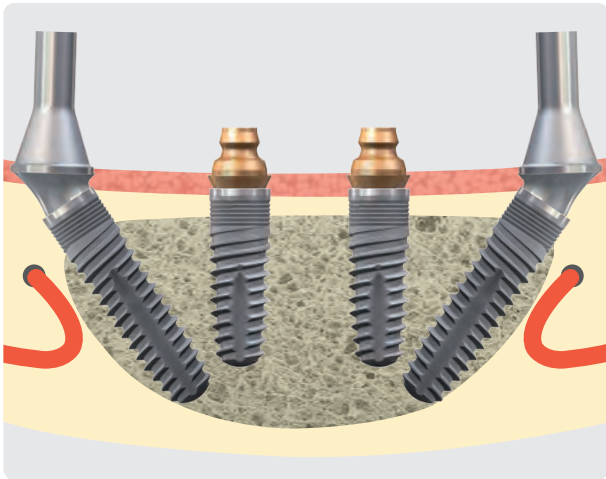
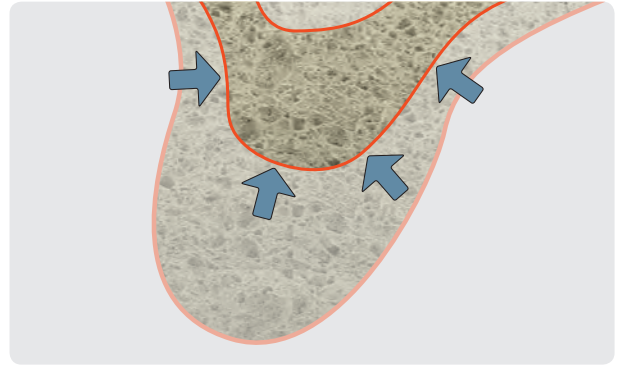
*mini*<sup>2</sup>  
**SKY** 3.2

*narrow*  
**SKY**

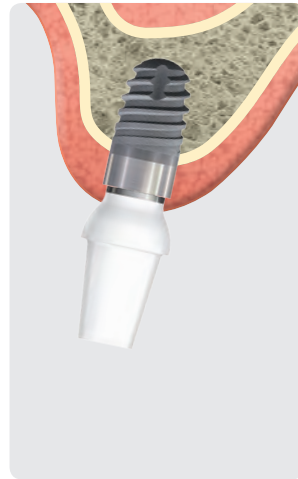
Angled



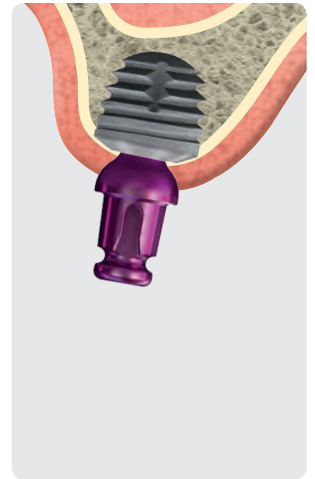
Short  
Length < 8 mm



*blue*  
**SKY**



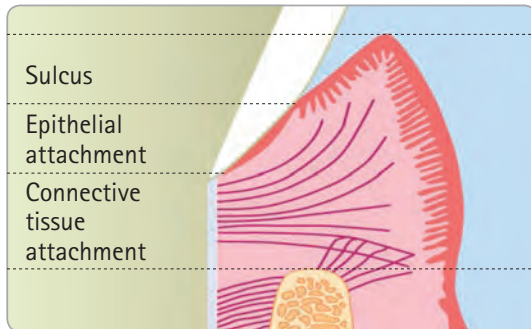
*classic*  
**SKY** (tissue level)



*copa*  
**SKY**

# Tissue Related Implant Management

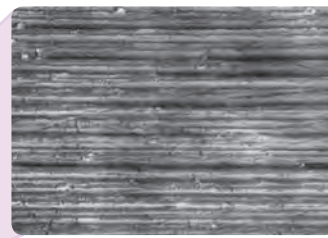
## SKY osseo connect surface (ocs)<sup>®</sup>



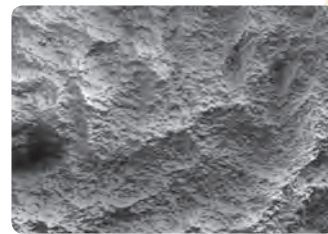
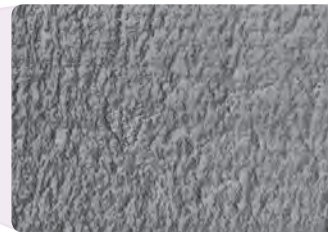
The structure of the connective tissue consists of horizontal fibres, which attach themselves to the natural tooth and thereby prevent the build-up of plaque.

The horizontal micro-grooves on the SKY implants also support attachment of the soft tissue so that a type of soft tissue cuff is created to protect the implant.

## blue SKY Iso-crestal implant position

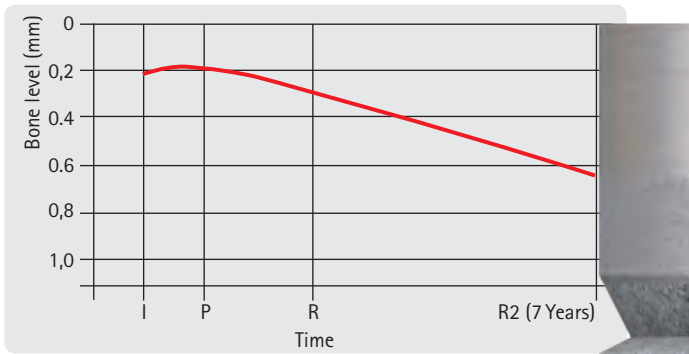


0.5 mm  
0.2 mm





## Long-term study of blueSKY implants



Source: Deutscher Ärzteverlag | zzl | Z Zahnärztl | Impl | 2017; 33 (2)  
Fig: José Eduardo Maté Sánchez de Val

I: Time of the implant  
P: Time of the prosthetic restoration  
R: Recall after 1 year  
R2: Recall after 7 years

Development of the bone level at the time of the examination.

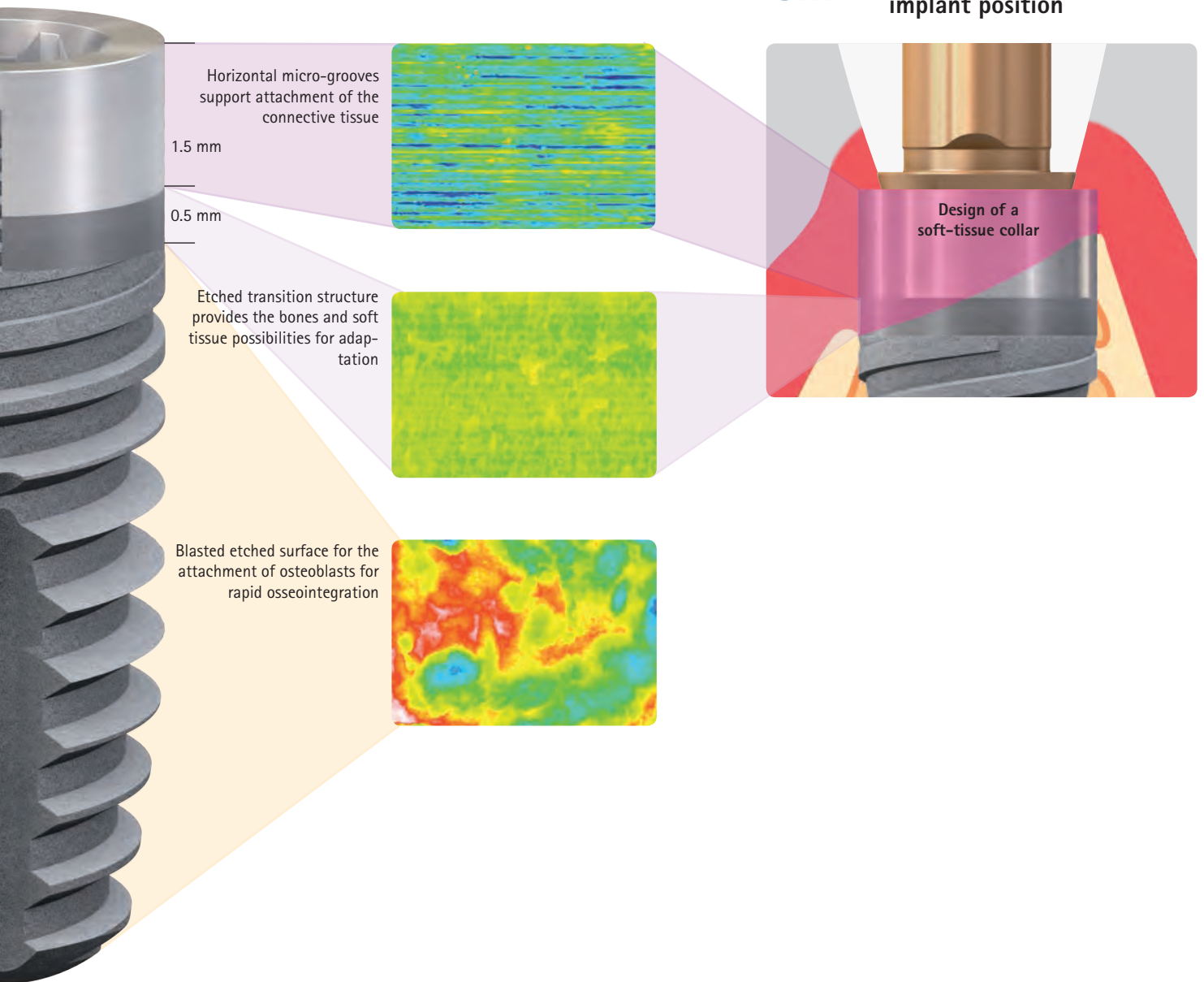
Long-term analysis of the bone stability of an implant system with platform switch and tube in tube connections.

**60 single implants:** Restored with SKY esthetic line

**Observation period:** 7 years

**Success rate:** 100%

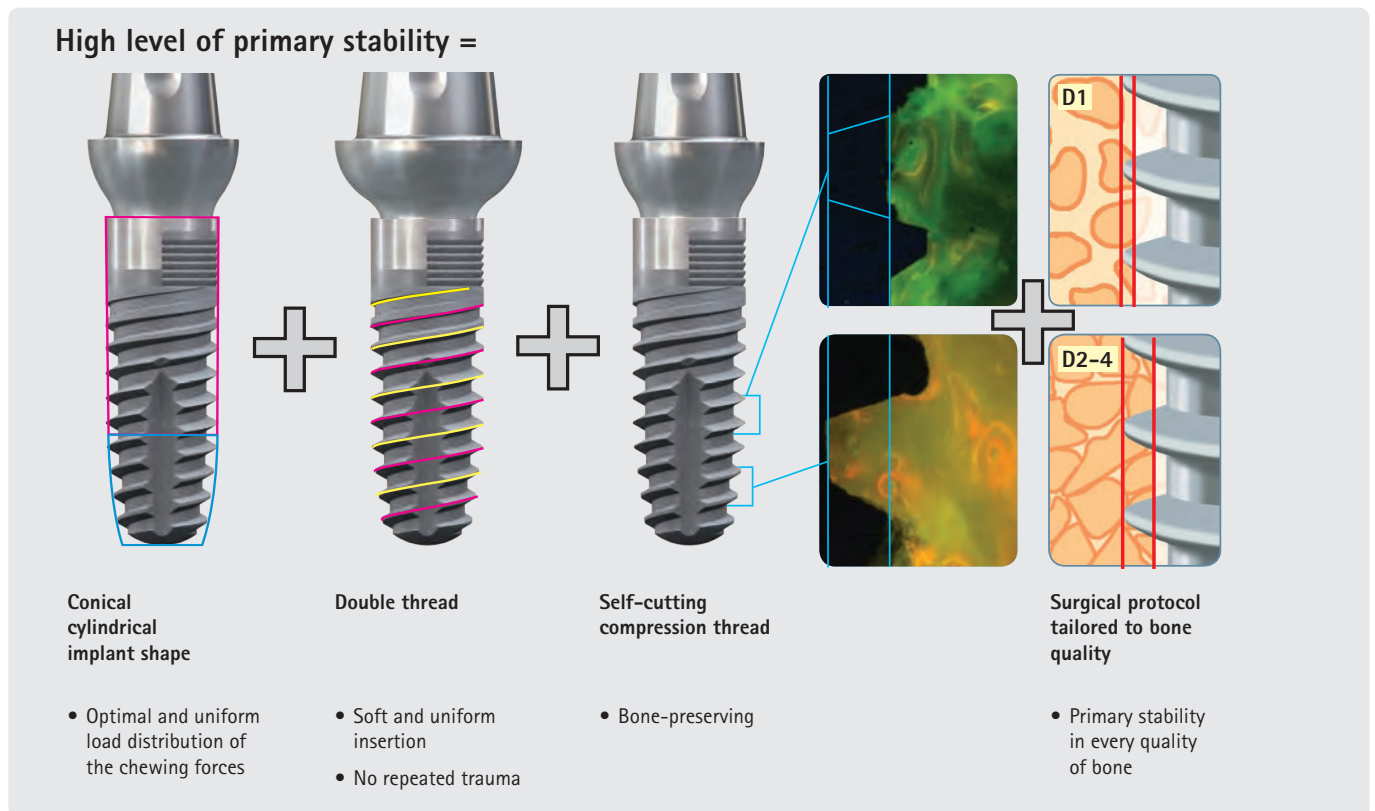
**Ø-Bone resorption:** 0.5 mm



## SKY implant design for maximum primary stability

Immediate restoration places particular requirements on an implant system. The design of the SKY Implants and the corresponding surgical protocol ensure high primary stability

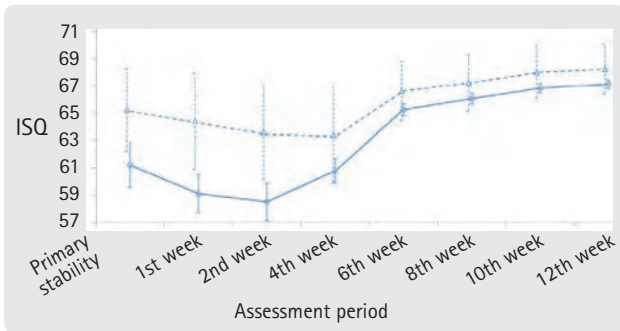
in all bone qualities and therefore form a reliable basis for immediate restoration.



## Scientifically proven

A study by Prof. Marković, University of Belgrade, shows that the blueSKY implant is superior in comparison to competition implants have a very high primary stability. It also shows that rapid osseointegration takes place with

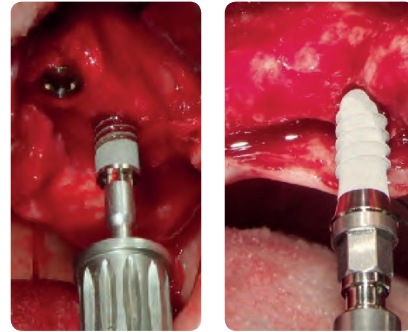
modern implant surfaces and that no loss of stability occurs after a few weeks. Secure immediate restoration is therefore possible.



Changes to implant stability during the 12-week monitoring period.

- △-△- Drilling + self-cutting blueSKY implant
- Drilling + non-self-cutting competitor implant

Source: Marković et al: Evaluation of primary stability of self-tapping and non-self-tapping dental implants. A 12-week clinical study, *Clinical Implant Dentistry and Related Research* 2013

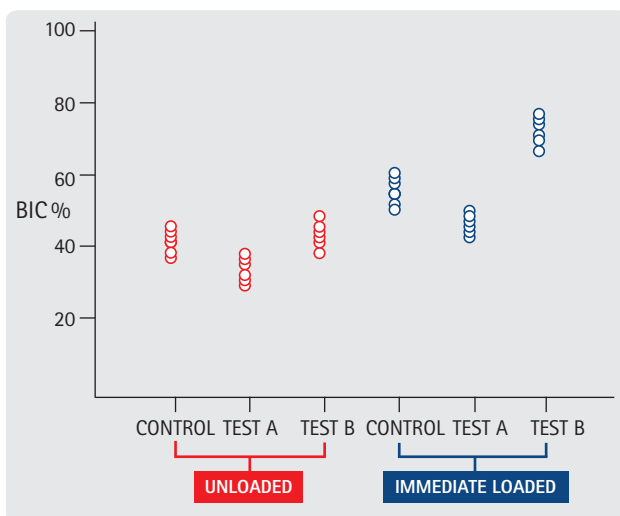


### Important:

The surgical protocol for the SKY system enables the primary stability of the SKY implants to be increased easily using condensation: See page: 18

## Immediate restoration – Improved osseointegration

A study on animals showed that with immediate restoration a better bone implant contact (BIC) is achieved, regardless of the material and surface.



**Control group:** blueSKY

**Test-groups:** whiteSKY with different surfaces

Test A - Sandblasted only

Test B - Laser treated

**Observation period:** 3 months

**Model:** Animal studies in dogs

**BIC = BONE IMPLANT CONTACT**

Source: *Clio Implant Dent Relat Res*: 2014 Dec; 16(6):856-72. doi: 10.1111/cld.12069. Epub 2013 Apr. 5.  
*Histologic and histomorphometric behavior of microgrooved zirconia dental implants with immediate loading.*

*Delgado-Ruiz RA<sup>1</sup>, Calvo-Guirado JL, Abboud M, Ramirez-Fernandez MP, Maté-Sánchez de Val JE, Negri B, Rothamel D.*

# Tissue Related Implant Management

## SKY implants overview

narrowSKY 3.5 N



NP – Narrow platform

3.5 N		REF	3.5 N	
	Length 8 mm	nSKY3508		Including a cover screw
	Length 10 mm	nSKY3510		
	Length 12 mm	nSKY3512		
	Length 14 mm	nSKY3514		
	Length 16 mm	nSKY3516		

blueSKY



RP – Regular platform

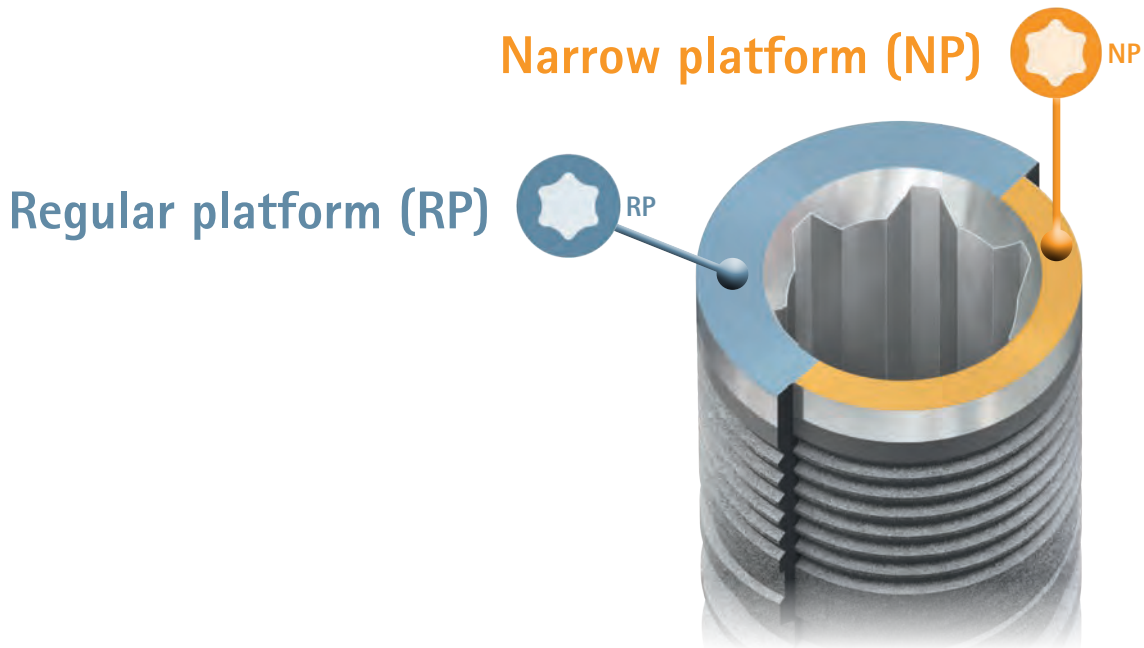
4.0		REF	4.0 4.5	
	Length 8 mm	bSKY4008		Including a cover screw
	Length 10 mm	bSKY4010		
	Length 12 mm	bSKY4012		
	Length 14 mm	bSKY4014		
	Length 16 mm	bSKY4016		

SKY classic



RP – Regular platform

4.0		REF	4.0 4.5	
	Length 8 mm	kSKY4008		Including a cover screw
	Length 10 mm	kSKY4010		
	Length 12 mm	kSKY4012		
	Length 14 mm	kSKY4014		
	Length 16 mm	kSKY4016		



4.5		REF
	Length 8 mm	bSKY4508
	Length 10 mm	bSKY4510
	Length 12 mm	bSKY4512
	Length 14 mm	bSKY4514

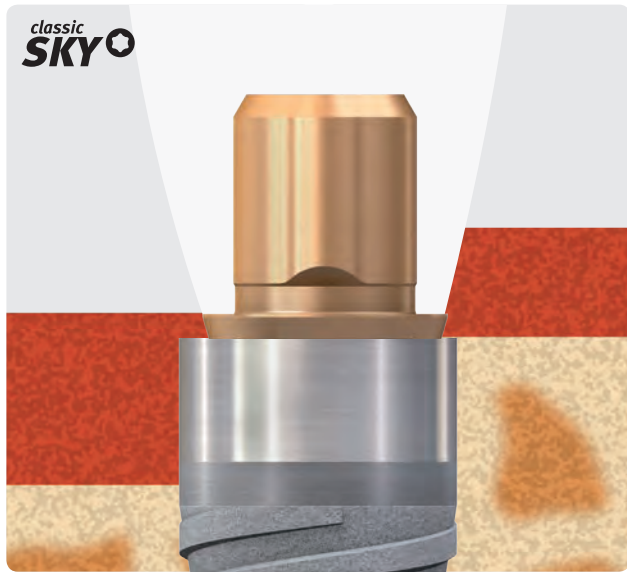
5.5		REF
	Length 8 mm	bSKY5508
	Length 10 mm	bSKY5510
	Length 12 mm	bSKY5512



4.5		REF
	Length 8 mm	kSKY4508
	Length 10 mm	kSKY4510
	Length 12 mm	kSKY4512
	Length 14 mm	kSKY4514

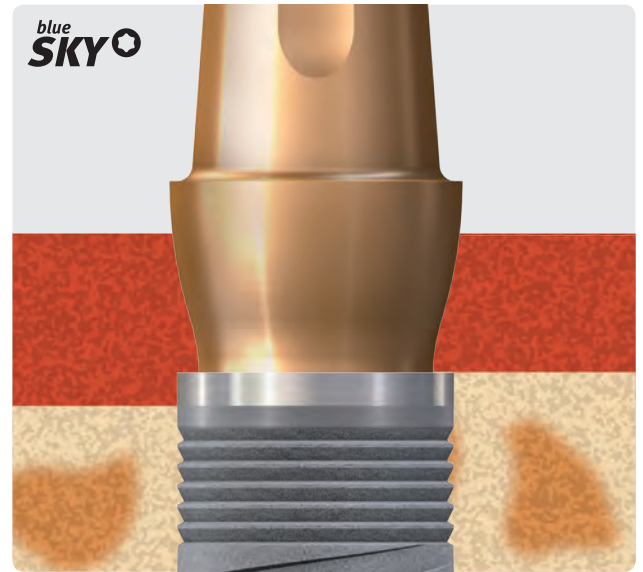
# Tissue Related Implant Management

## SKY implant positioning in relation to the bones



Supracrestal

Isocrestal



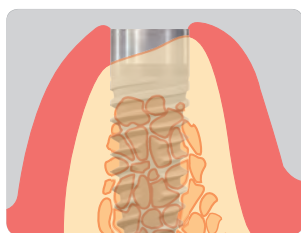
Isocrestal

Isocrestal

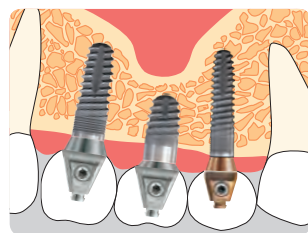
### Indication



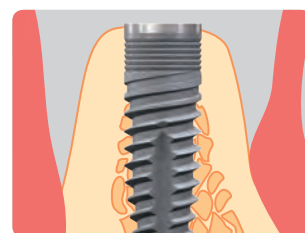
### Indication



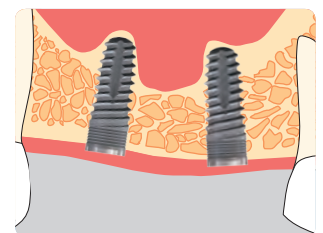
Supracrestal and isocrestal implant position



Short implants



implant position



Augmented implant site

The SKY classic implant reduces the need for bone reduction in a narrow or irregular ridge.

The 8 mm implant can be used as a short implant (6.0 mm) by way of supracrestal positioning.

The SKY classic implant is perfectly suited to flapless implantation, since the long, machined neck easily allows for a semi-transgingival implant position.

The coronally structured blueSKY implant is perfectly suited to being positioned flush with the bone.

The macro-grooves ensure a high level of bone preservation.

The blueSKY implant therefore works very well with augmentations.

## Surgical protocol tailored to bone quality

### Bone quality from hard to soft

#### Hard bone

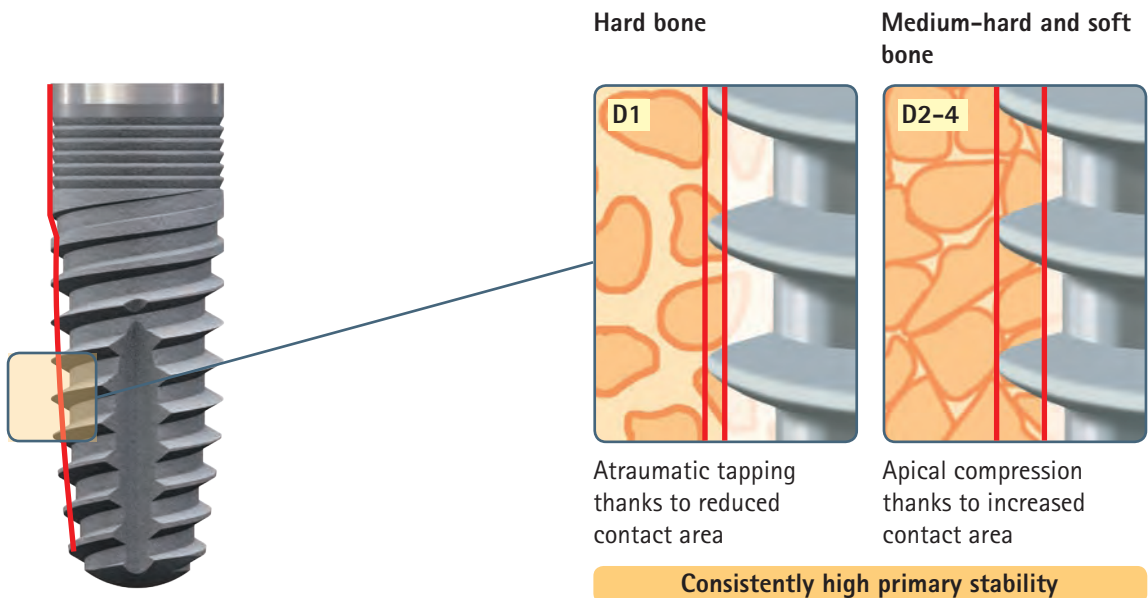
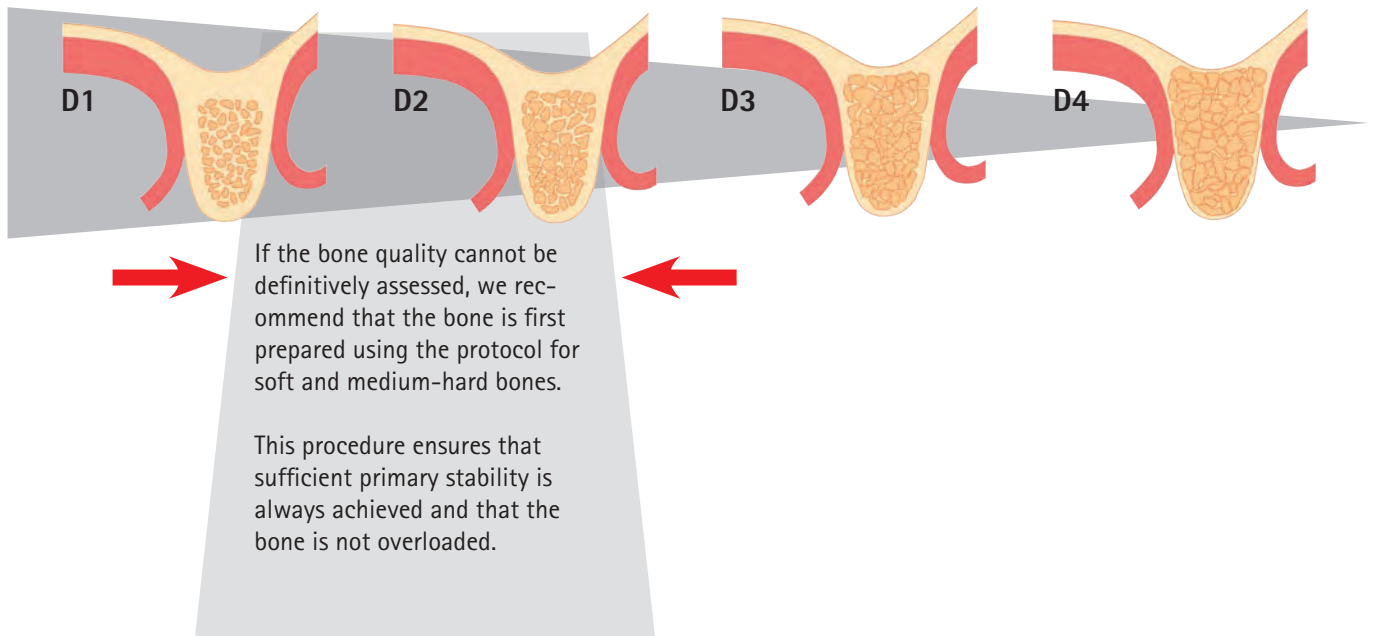
##### Atraumatic tapping

Prevention of bone overloading during surgery

#### Medium-hard to soft bone

##### Bone compression

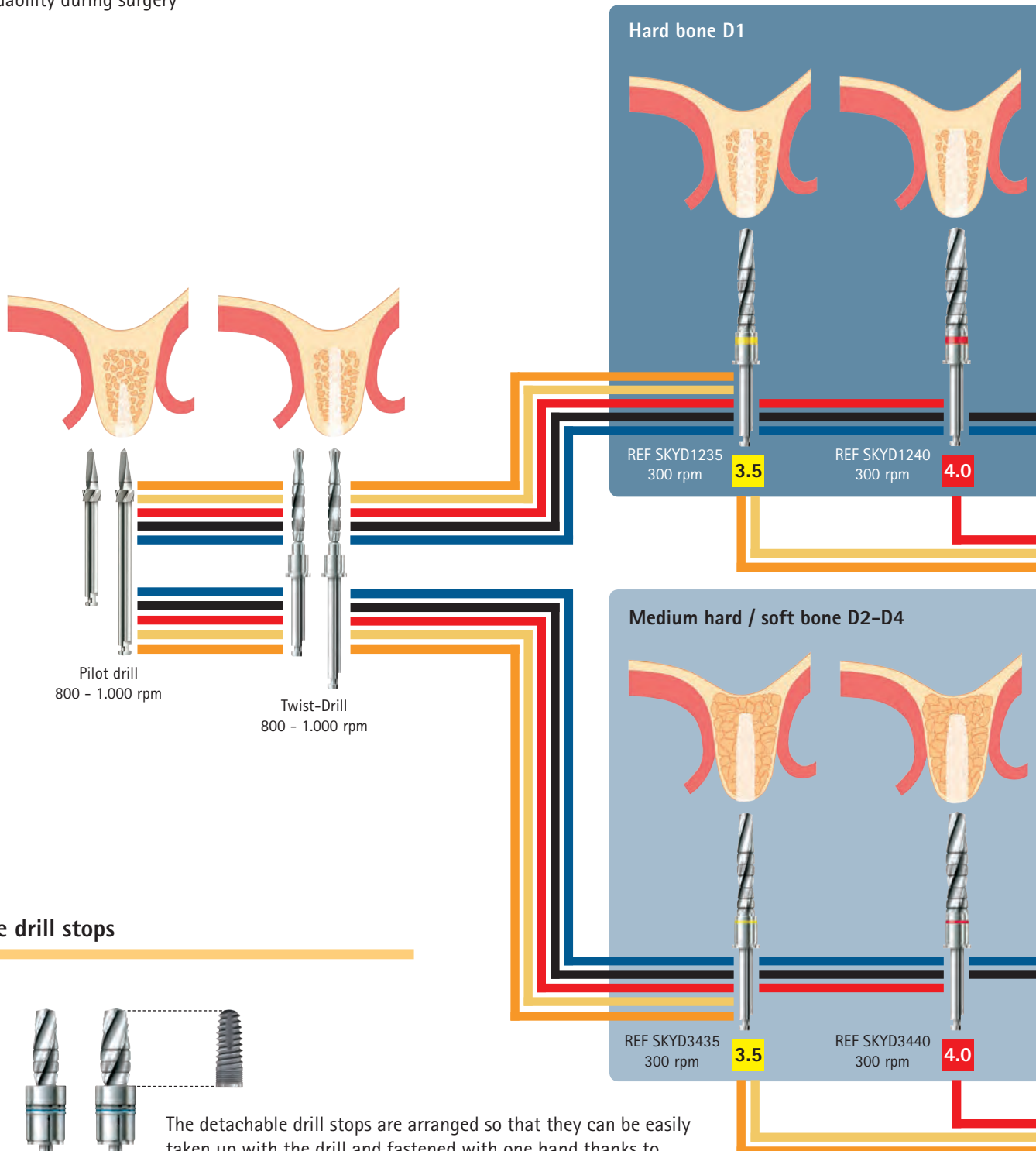
Achieving primary stability



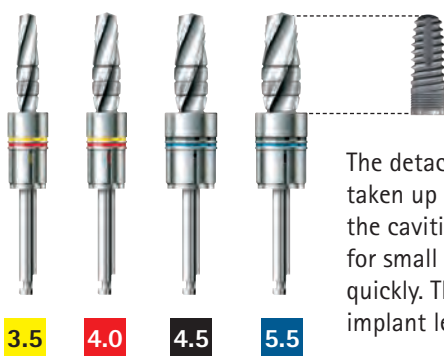
# Tissue Related Implant Management

## SKY Surgical protocol

- Optimised, bone quality-oriented set of instruments and surgical protocol for unsurpassed primary stability
- Drills with detachable drill stops
- Reduction of the number of drills for increased control and dependability during surgery



## Detachable drill stops



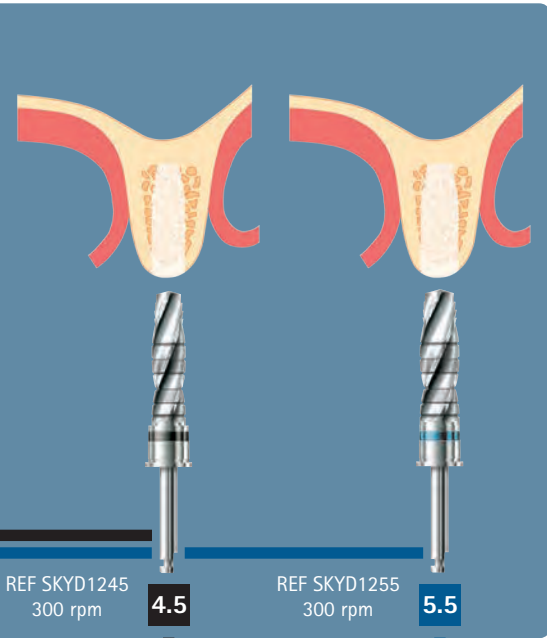
The detachable drill stops are arranged so that they can be easily taken up with the drill and fastened with one hand thanks to the cavities in the OP-Tray insert. The ruler on the compartment for small parts helps to select the correct drill stop easily and quickly. The drilling depth is approx. 0.7 mm greater than the implant length.



classic  
**SKY**

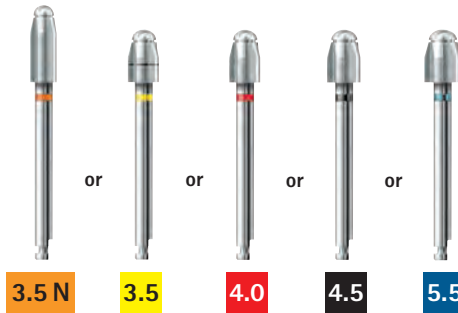
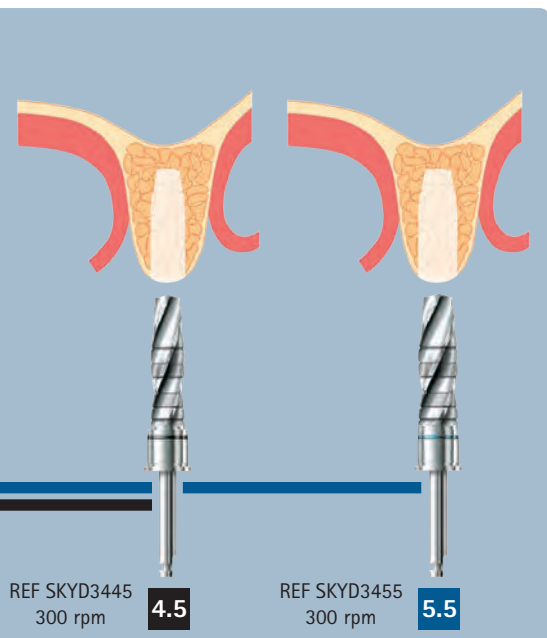
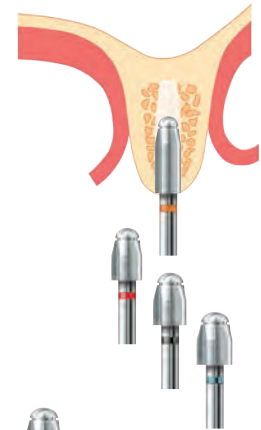
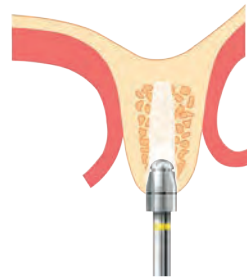


white  
**SKY**  
IMPLANT SYSTEM

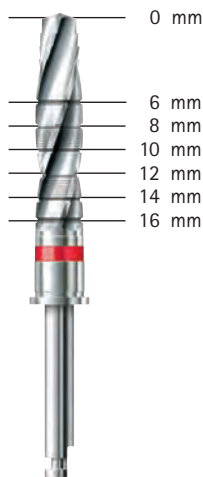


With the 3.5 diameter blueSKY and SKY classic implants, the crestal drill is only sunk up to the laser marking.

In the following implants:  
 • narrowSKY  
 • blueSKY 4.0 to 5.5  
 • SKY classic 4.0 to 4.5  
 the crestal drill is completely inserted.



Crestal drill  
300 rpm

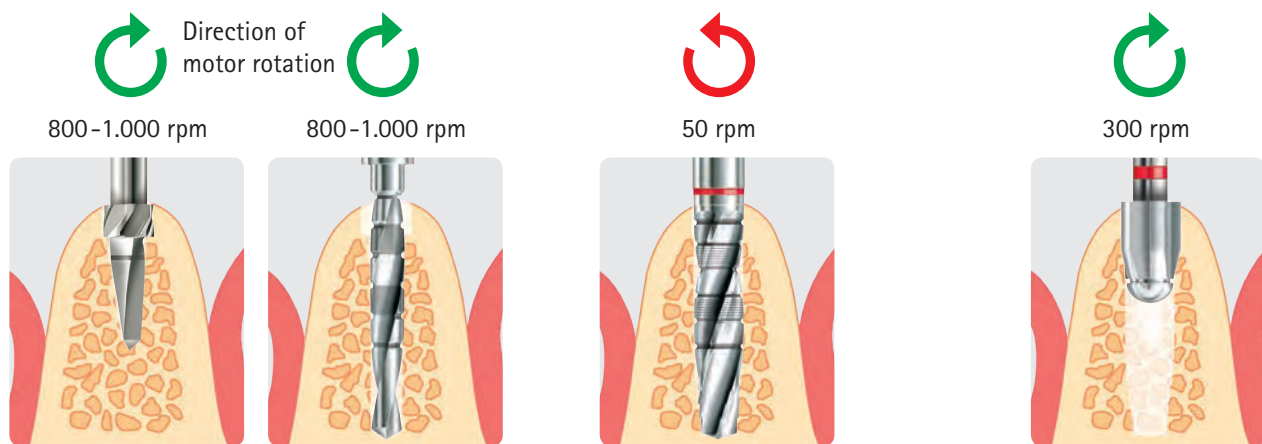
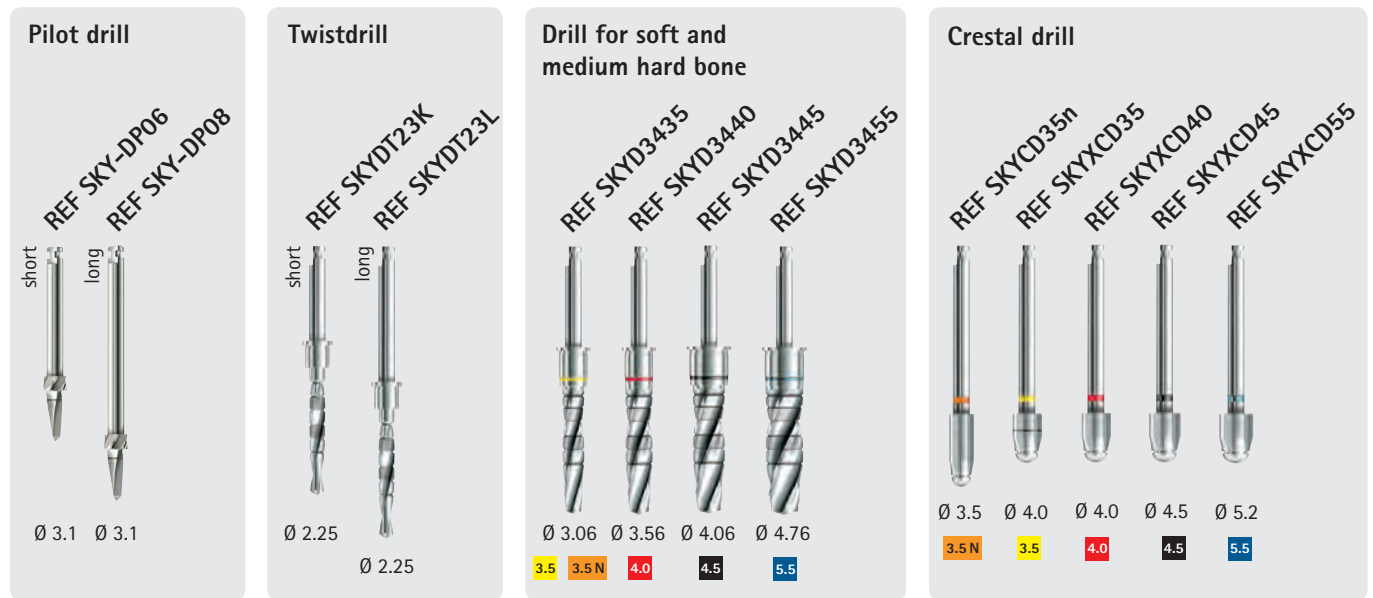


# Tissue Related Implant Management

## SKY Surgical protocol – For very soft bone types

If it is determined during the pilot drilling or drilling with the twist drill that the bone is very soft, the primary stability can be improved by amending the clinical protocol. In these

cases, we recommend using the final drill anticlockwise as a condensation instrument:



The pilot drill and twist drill are used as described in the SKY surgical protocol.

The final drill is used anticlockwise slowly with cooling. This way, the available bone is compressed and no bone particles are lost.

The crestal drill is used in accordance with the surgical protocol.

## SKY Surgical protocol – In cases of excessive torque

The self-cutting compression thread of the SKY implants is suitable for all bone qualities. As a result, a tap is not required. In the hard bone, the torque of 45 Ncm may be exceeded. In such cases we recommend the following procedure:

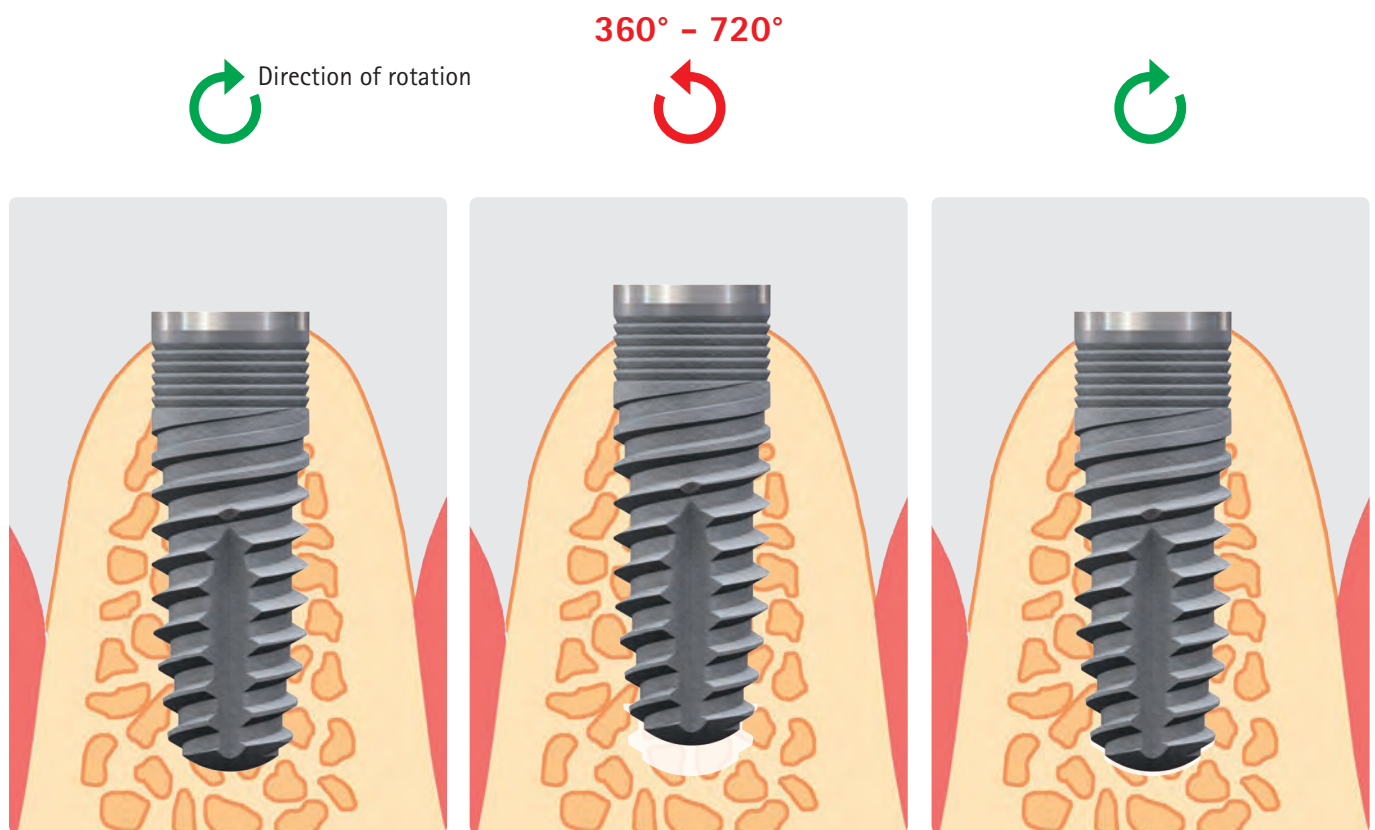
- Screw implant down to its final position
- Unscrew the implant by one to two turns
- Wait for a short time – approx. 10 seconds
- Screw implant down to its final position again.

The procedure reduces stress to the bone and avoids pressure necrosis.

Torque for implant insertion > 45 Ncm.

Unscrew the implant by 1 to 2 turns.

Screw implant down to its final position again.



*Literature:*

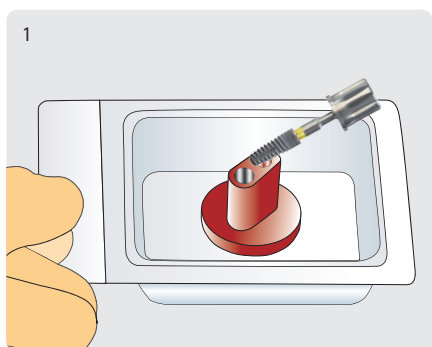
Neugebauer J. Habilitationsschrift: Design- und Behandlungsparameter für die erfolgreiche Sofortversorgung von Zahnimplantaten. Universität Köln 2009.

## SKY Surgical protocol



Removing and screwing in the implant and the cover screw without changing instruments.

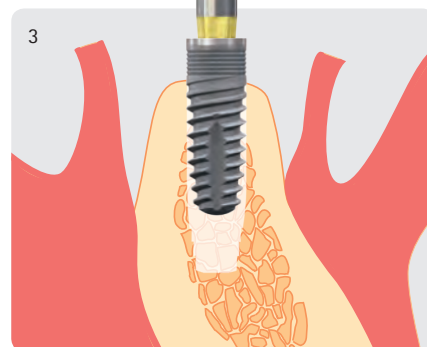
- blueSKY, narrowSKY and SKY classic are packed as double sterile
- The implant support is colour-coded and marked with the length details
- The implant can be removed immediately after opening the sterile films using the SKY TK long or short insertion instrument and screwed in
- The cover screw is also removed using the same instrument



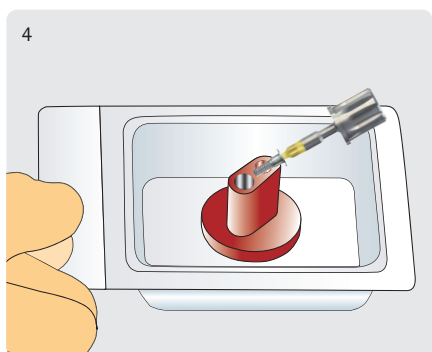
1 Open the new double sterile packaging. Remove the implant with the insertion instrument for the ratchet or the contra-angle.



2 The conical Torx® allows to hold the implant safely.



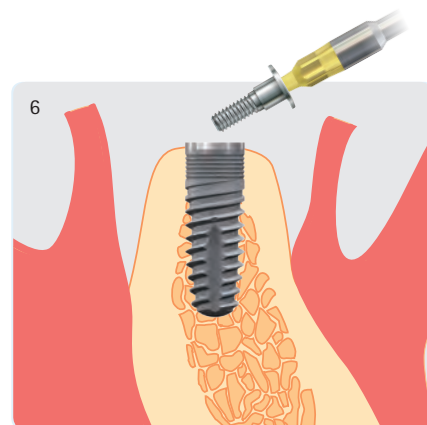
3 The implant is inserted and can be screwed in immediately.



4 The cover screw can be removed using the same instrument.



5 The cover screw is held securely by the cone.



6 Screw the screw directly into the implant. The smooth cone ensures that the screw only needs to be slightly tightened and cannot become jammed. Recommended max. torque: 10 Ncm.

## Guided implantology

The data for the SKY implant systems are recorded in the following planning programs: (As at: 31.12.2016).  
The scope of the recorded components is dependent upon the relevant options in the planning program.

3Diagnosys  
3Shape Implant Studio™  
Invivo  
Carestream 3D Imaging  
In2Guide™  
coDiagnostiX™  
Simplant®  
i-Dixel  
iRYS

3DIEMME®  
3Shape  
Anatimage  
Carestream Dental  
Cybermed / KAVO  
Dental Wings  
Materialise Dental  
Morita  
myRay

If you do not find your program in the list, please contact us. so that we can make our data available to the manufacturer of your program for updating.

NemoScan  
NNT  
Romexis®  
Implant-3D  
SICAT/Galileos Implant  
SMOP  
Accu Guide  
Zfx Navigator

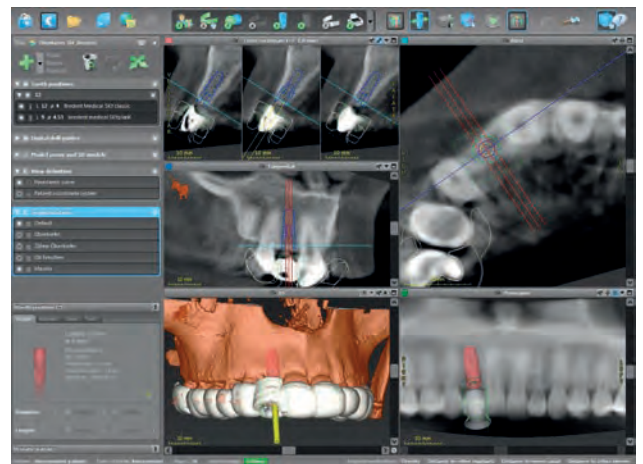
NEMOTEC  
NewTom  
PLANMECA  
Schütz  
SIRONA  
Swissmeda  
UniGuide Dental  
Zfx GmbH

## coDiagnostiX™

bredent is a distribution partner of Dental Wings for the coDiagnostiX™ 3D implant planning software.

coDiagnostiX™ –  
Client Version  
REF SplanX120

coDiagnostiX™ –  
Producer Version  
REF SplanX100



# Tissue Related Implant Management

## SKY surgical protocol – guided

narrow  
**SKY**



blue  
**SKY**



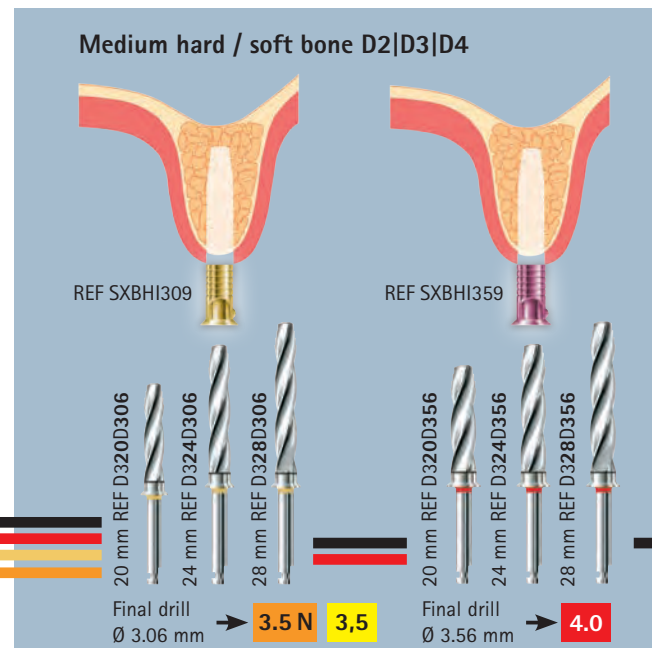
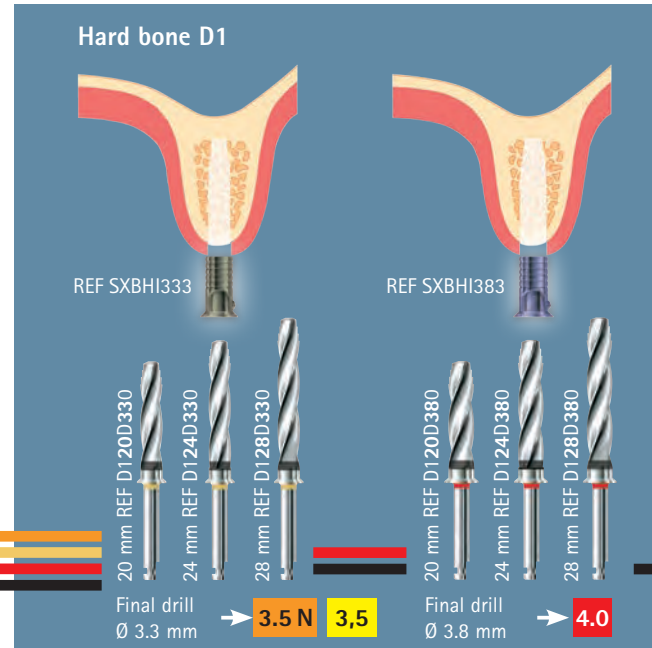
classic  
**SKY**

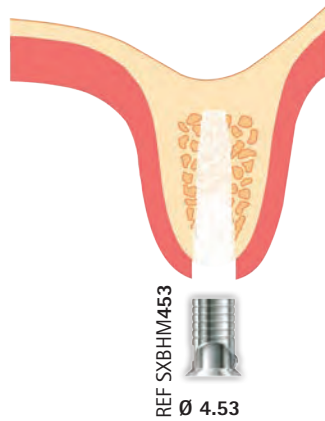


white  
**SKY**  
IMPLANT SYSTEM

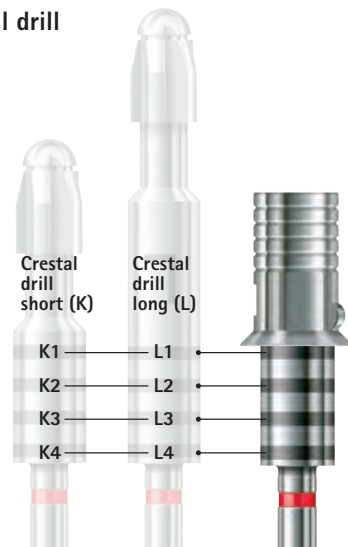


Optimised, bone quality-oriented set of instruments and surgical protocol for unsurpassed primary stability





**Crestal drill**



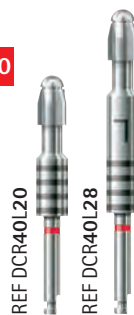
**3.5 N**



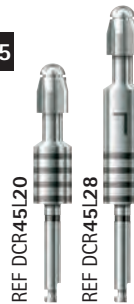
**3,5**



**4.0**



**4.5**

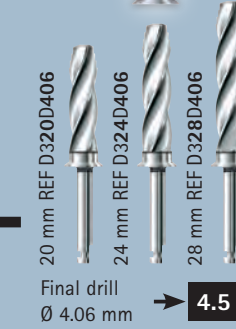
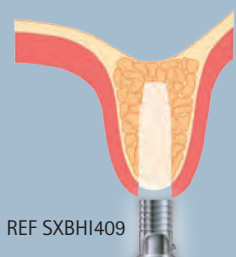
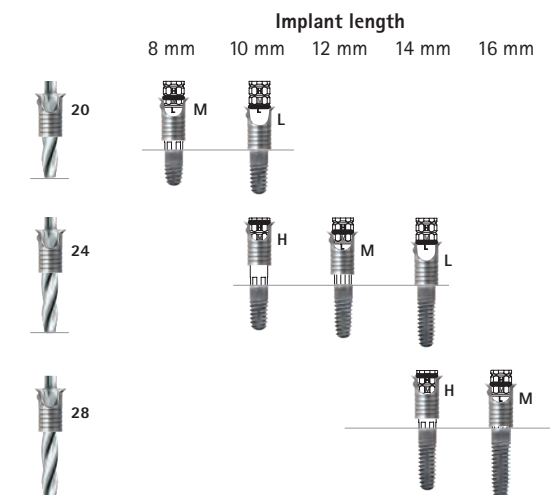
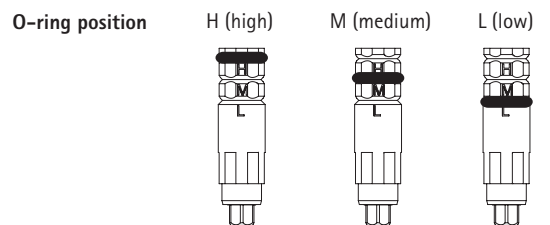


SKYplanX  
Crestal drill

**Drilling depth - Crestal drill**

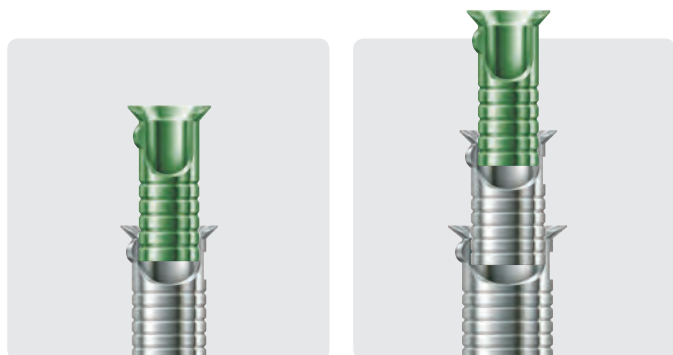
Drill length	Implant length				
	L8	L10	L12	L14	L16
L20	K4	K3			
L24		L1	K4	K3	
L28				L1	K4

**Insertion instruments**



# Tissue Related Implant Management

## SKY surgical protocol – guided



### Guiding sleeves

REF	SXBHM453	SXBHM555
Description	SKYplanX guiding sleeve	SKYplanX guiding sleeve
piece	5	5
Colour	silver	silver
Internal Ø / mm	4.53	5.55
External Ø / mm	5.5	6.5
Length / mm	10	10
Can be cut to size: to 6 mm	✓	✓
Material	Titanium	Titanium
Guiding sleeve	SXBHM453	SXBHM555
Implant Ø	3.5/4.0	4.5
narrowSKY	✓	✓
blueSKY / SKY classic	✓	✓

### Internal sleeves for twist drill



REF	SXBHI239
Description	Internal sleeve for pilot drill
piece	5
Colour	green
Internal Ø / mm	2.39
External Ø / mm	4.51
Length / mm	10
Can be cut to size: to 6 mm	✓
Material	Titanium
Guiding sleeve	SXBHM453
Implant Ø	3.5 / 4.0 / 4.5
narrowSKY	✓
blueSKY / SKY classic	✓

### Sleeves for drills for medium/soft bone



REF	SXBHI309	SXBHI359	SXBHI409
Description	Internal sleeve Final drill	Internal sleeve Final drill	Internal sleeve Final drill
piece	5	5	5
Colour	yellow	pink	grey
Internal Ø / mm	3.09	3.59	4.09
External Ø / mm	4.51	4.51	4.52
Length / mm	10	10	10
Can be cut to size: to 6 mm	✓	✓	✓
Material	Titanium	Titanium	Titanium
Guiding sleeve	SXBHM453	SXBHM453	SXBHM555
Implant Ø	3.5	4.0	4.5
narrowSKY	✓	✓	✓
blueSKY / SKY classic	✓	✓	✓

### Sleeves for drills for hard bone



REF	SXBHI333	SXBHI383	SXBHI433
Description	Internal sleeve Final drill	Internal sleeve Final drill	Internal sleeve Final drill
piece	5	5	5
Colour	gold	blue	brown
Internal Ø / mm	3.33	3.83	4.33
External Ø / mm	4.51	4.51	4.52
Length / mm	10	10	10
Can be cut to size: to 6 mm	✓	✓	✓
Material	Titanium	Titanium	Titanium
Guiding sleeve	SXBHM453	SXBHM453	SXBHM555
Implant Ø	3.5	4.0	4.5
narrowSKY	✓	✓	✓
blueSKY / SKY classic	✓	✓	✓



### SKYplanX selection box

#### REF SXBHSET1

6 x SXBHM453	Guiding sleeve
3 x SXBHM555	Guiding sleeve, large
3 x SXBHI239	Sleeve for pilot drill
3 x SXBHI309	Internal sleeve for final drill 3.06
3 x SXBHI333	Internal sleeve for final drill 3.30
3 x SXBHI359	Internal sleeve for final drill 3.56
3 x SXBHI383	Internal sleeve for final drill 3.80
3 x SXBHI409	Internal sleeve for final drill 4.06
3 x SXBHI433	Internal sleeve for final drill 4.30



### SKYplanX

Short tool for drill sleeves

1 piece

REF SplanX45



## SKY surgical protocol – guided



SKYplanX OP tray  
REF SplanX91

### SKYplanX pilot drill



Ø	Length mm	REF
2,35 mm	20	DP20D235
2,35 mm	24	DP24D235
2,35 mm	28	DP28D235

### SKYplanX final drill for hard bone

3.5 N



Ø	Length mm	REF
3.30 mm	3.5 3.5 N 20	D120D330
3.80 mm	4.0 20	D120D380
4.30 mm	4.5 20	D120D430
3.30 mm	3.5 24	D124D330
3.80 mm	4.0 24	D124D380
4.30 mm	4.5 24	D124D430
3.30 mm	3.5 28	D128D330
3.80 mm	4.0 28	D128D380
4.30 mm	4.5 28	D128D430

### SKYplanX final drill for medium and soft bone



Ø	Length mm	REF
3.06 mm	3.5 3.5 N 20	D320D306
3.56 mm	4.0 20	D320D356
4.06 mm	4.5 20	D320D406
3.06 mm	3.5 24	D324D306
3.56 mm	4.0 24	D324D356
4.06 mm	4.5 24	D324D406
3.06 mm	3.5 28	D328D306
3.56 mm	4.0 28	D328D356
4.06 mm	4.5 28	D328D406

### Crestal drill



Ø	Length mm	REF
3.6 mm	3.5 N 20	DCN35L20
4.1 mm	3.5 20	DCR35L20
4.6 mm	4.0 20	DCR40L20
5.2 mm	4.5 20	DCR45L20
3.6 mm	3.5 N 28	DCN35L28
4.1 mm	3.5 28	DCR35L28
4.6 mm	4.0 28	DCR40L28
5.2 mm	4.5 28	DCR45L28



SKY mounting set for guided implantology  
REF SKYSMSET

The insertion instrument is screwed in for a secure and precise connection with the implant.  
The flexible O ring yields a little when it reaches the drill sleeve shoulder and therefore counteracts damage to the implant bed in the event that the implant is screwed in further.

#### Contents:

- 1 x SKY mounter, extra short
- 1 x SKYplanX insertion instrument for guiding sleeve 4.53
- 1 x SKYplanX insertion instrument for guiding sleeve 5.55

# SKY prosthetics

- Implant and abutment platforms
- Implant connections
- Prosthetics overview
- Classic implantology
  - Implant analogue
  - SKY esthetic line
  - SKY esthetic gingiva former
  - SKY impression abutments
  - SKY esthetic line temporary abutments
  - SKY esthetic line titanium abutments
  - SKY standard line titanium abutments
  - SKY castable abutment
- CAD/CAM-manufactured restorations
  - SKY uni.fit scan abutments
  - SKY uni.fit titanium base
  - SKY prefab titanium
  - SKY uni.fit titanium base S for CEREC®
- Immediate and late restoration
  - SKY elegance overview
  - SKY elegance abutments
  - SKY elegance prefabs
  - SKY elegance titanium base
  - SKY fast & fixed – overview
  - SKY fast & fixed – components
  - SKY fast & fixed – accessories
- Prosthesis fixation
  - SKY TiSi.snap
  - SKY Locator®

**Number of treatment steps – implant treatments**

	Classic implantology	Immediate restoration		Implant insertion
		Temporary + Permanent	Permanent	
Implant planning	X	X	X	X
Implant surgery	X	X	X	X
Implant control	X	X	X	X
Implant opening	X			X
Modelling	X	X		
Esthetic try-in	(X)			
Permanent restoration	X	X		

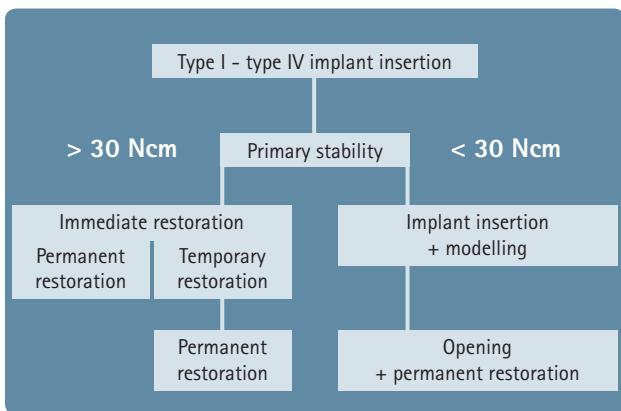
Surgical procedure   
 Implant is restored

Implant restoration is now an established treatment for tooth loss, however the conventional bridge on ground teeth is still the standard restoration.

The reason for this is:

- The higher cost of an implant restoration
- The longer treatment duration with several visits to the practice in the case of classic implantology
- Anxiety towards surgical procedures

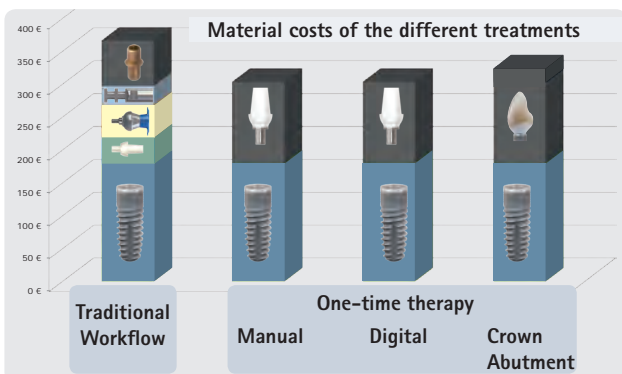
The correct implant selection makes it possible to optimally utilise the local bone and thus avoid further surgical interventions. Due to the immediate treatment, the treatment time can also be shortened so that the entire treatment can be offered at a more favourable price, without having to reduce the fee for the treatment.



The deciding criteria as to whether immediate restoration is possible is the primary stability of the implants. If the primary stability is over 30 Ncm, immediate restoration should be carried out, as this stimulates the bone and promotes healing.

If the primary stability is under 30 Ncm, we recommend modelling the implant position during the operation and inserting the permanent restoration into the opening. This way, the treatment time is significantly shortened <sup>1)</sup>.

<sup>1)</sup> Literature: Deutsche Zahnärztliche Zeitschrift [The German Dental Journal] 2014; 69 (6) F. Beuer et al.: The Munich Implant Concept (MIC): a combination of intraoral scanning device and digital fabrication.

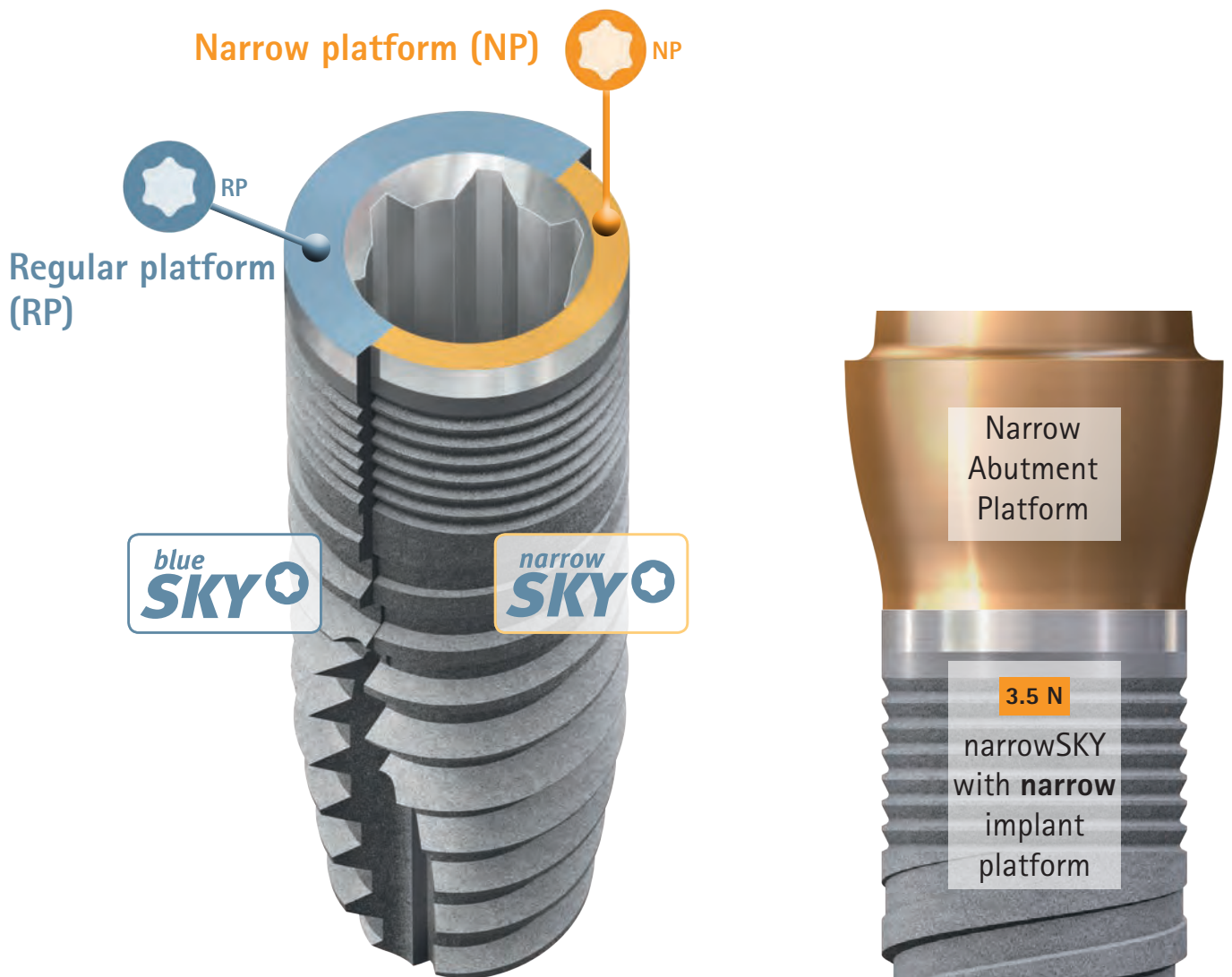
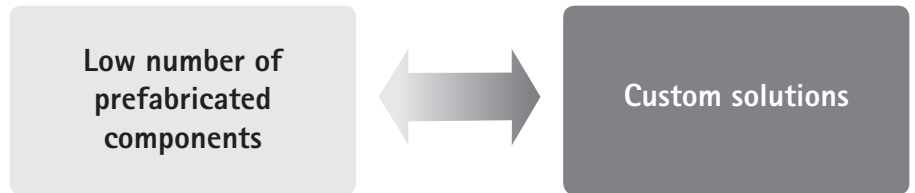


The One-time therapy with SKY elegance leads to significant savings in material and treatment time compared to conventional workflows. As a result, the entire implant therapy can be offered at more favourable price without the dentist's fee being reduced.

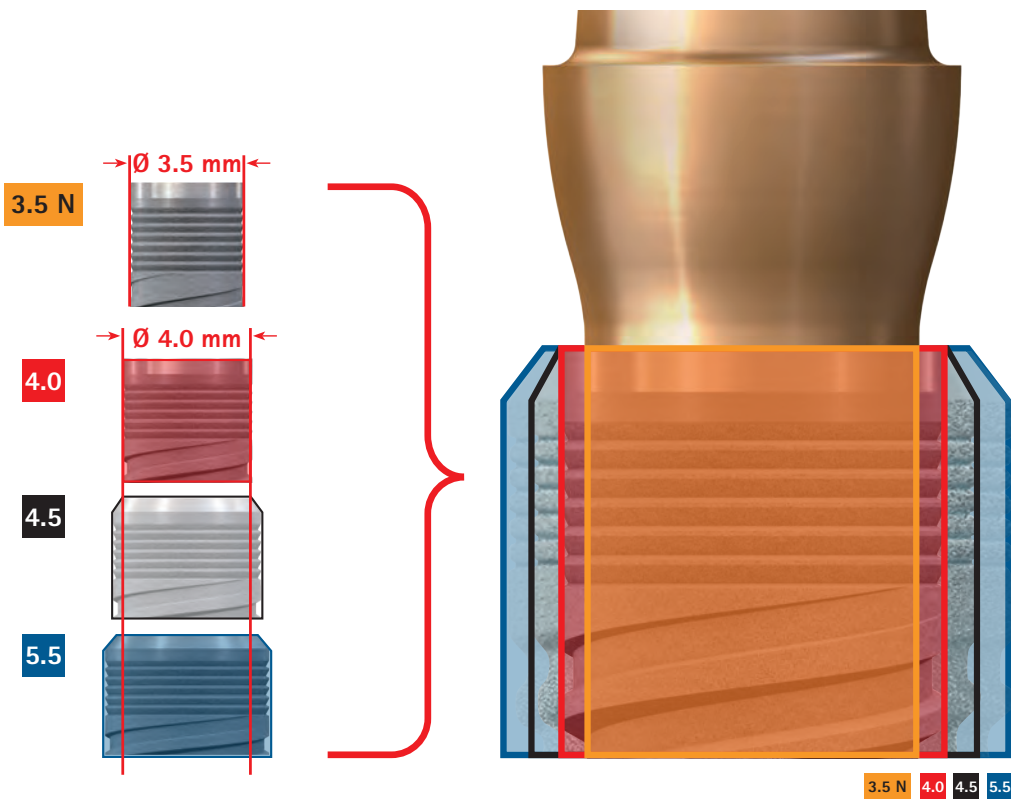
## Implant and abutment platforms

### breadent medical SKY Implant system

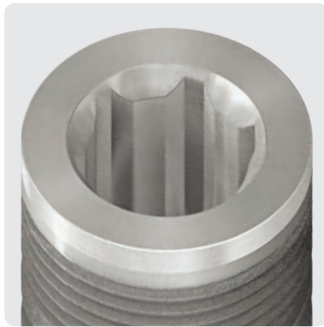
The SKY System is designed so that the number of prefabricated components is kept to a minimum. For all indications which cannot be restored using these components, there are various custom solutions available.



blueSKY and SKY classic  
have a platform switch

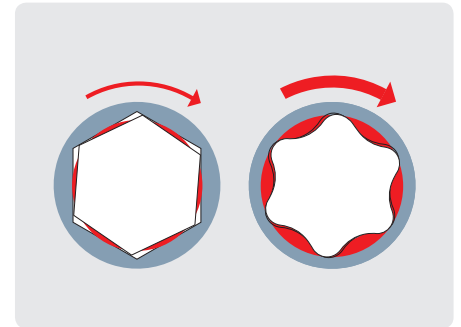


## Implant connections



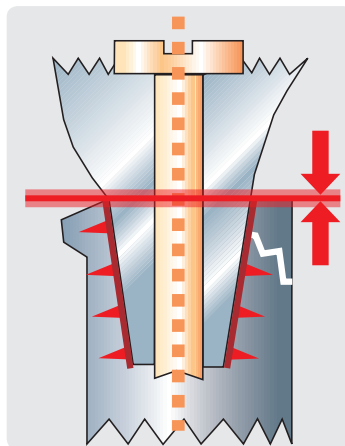
All SKY Implants have a Torx® connection.

If screws and screw joints are involved. The Torx® is the gold standard in mechanical engineering and the automotive industry and in implant dentistry as well.



**Torx®: has six large force transfer surfaces**

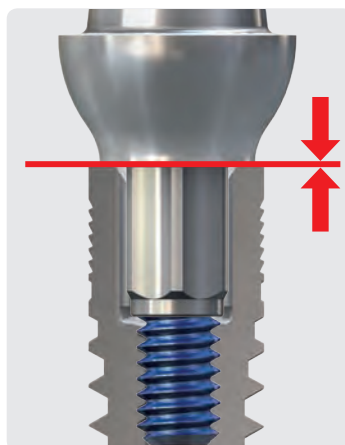
- significantly higher torques for the same force applied
- easier insertion of the implant
- no damage to the internal geometry at a high torque either



**Connection with self-retaining cone**

- No definitive vertical abutment height
- Height difference between laboratory and clinic
- Passive fit of bridge constructions very difficult

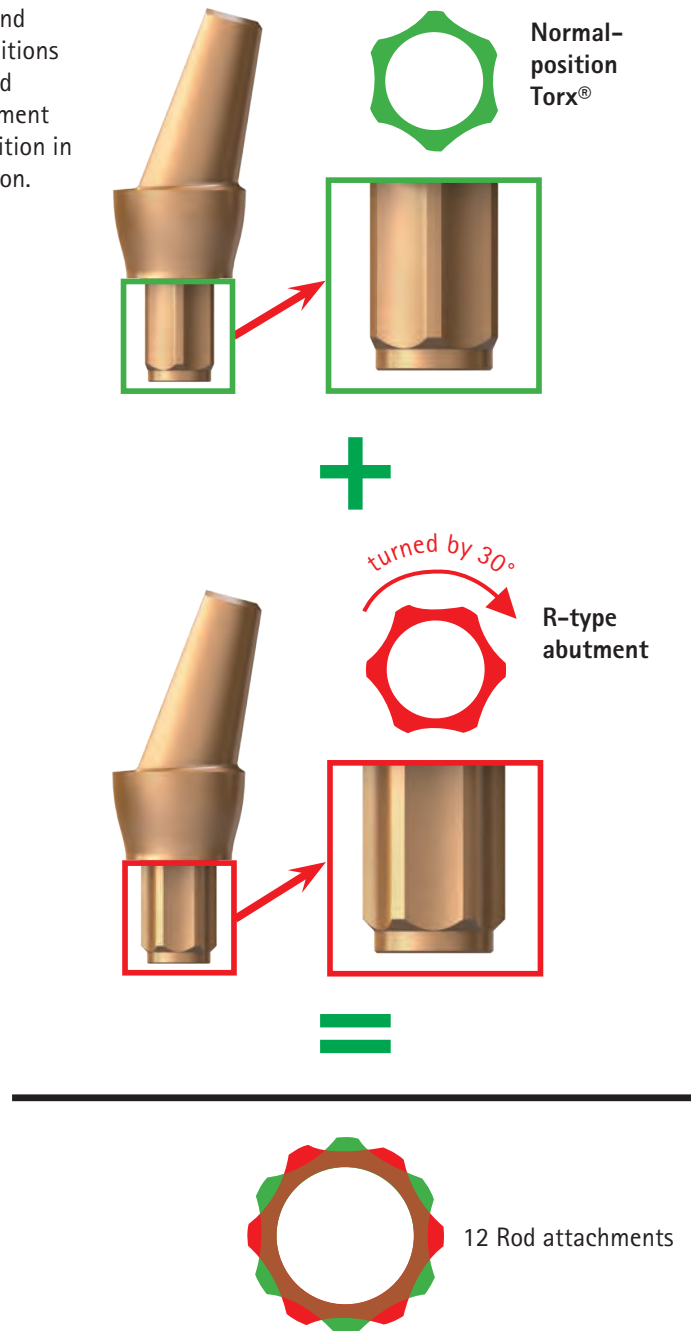
█ Conical connection  
— Flat connection



**Flat connections (SKY System)**

- **D**efined abutment height
- Passive-fit of bridge and bar restorations easier to achieve

Owing to the normal position and the R variants, there are 12 positions for the orientation of the angled abutments. Therefore, the abutment can be oriented to the best position in the laboratory after the operation.



## SKY abutment selection set

With the help of the SKY abutment selection set, the appropriate abutments with the correct orientation can be elected simply and quickly in the laboratory.



SKY abutment selection set  
REF SKYASET9

## Prosthetics overview

For narrowSKY approved prosthetic components  
rose gold anodised

Prosthetic components not suitable or  
not approved for narrowSKY

## Immediate restoration

### BioHPP SKY elegance Immediate restoration



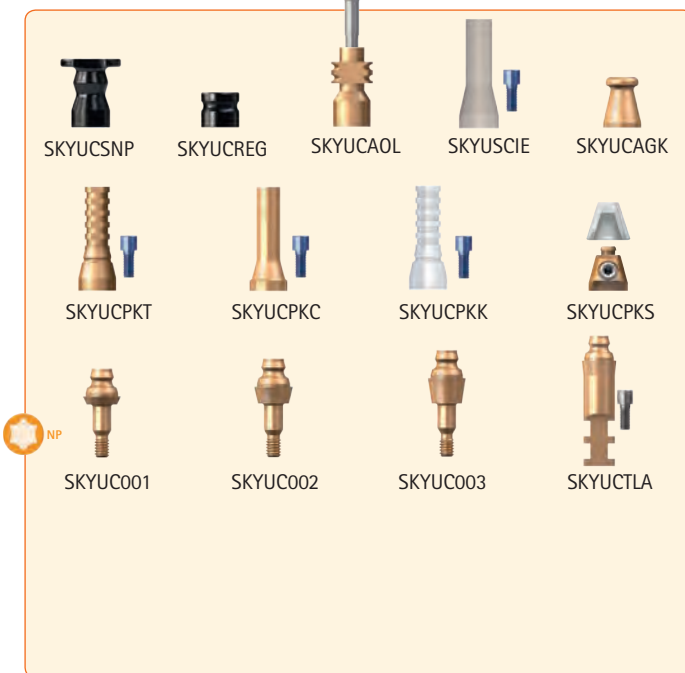
### BioHPP SKY elegance titanium base



### BioHPP SKY elegance prefab set



### SKY uni.cone



### SKY fast & fixed



## Individual solutions for CAD/CAM - conventional

### SKY uni.fit CAD/CAM solutions / Custom abutments



### SKY prefab titanium



### SKY castable abutment





**Implant analog**



**SKY abutment selection set**



**SKY temp**



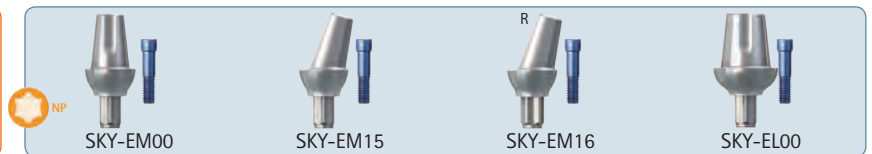
**SKY impression abutments**



**SKY esthetic gingiva former**



**SKY esthetic abutments**



**SKY titanium abutments**



**SKY prosthesis fixation**

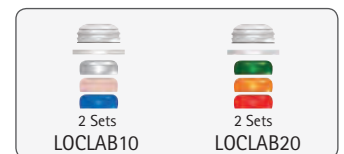
**SKY Locator**



**SKY Locator anglet**



**SKY Locator**



**TiSi.snap**



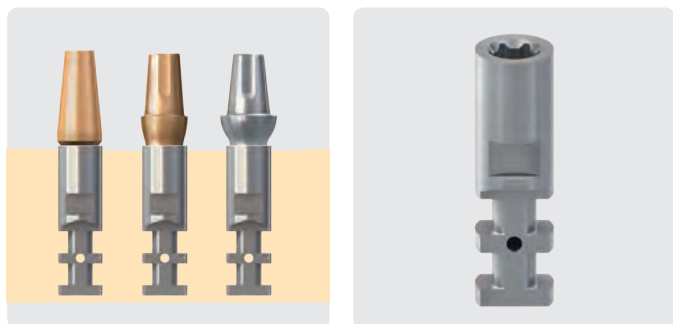
**TiSi.snap anglet**



**retention.sil**

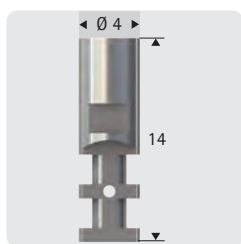


## Implant analog



For pre-fabricated and custom solutions.

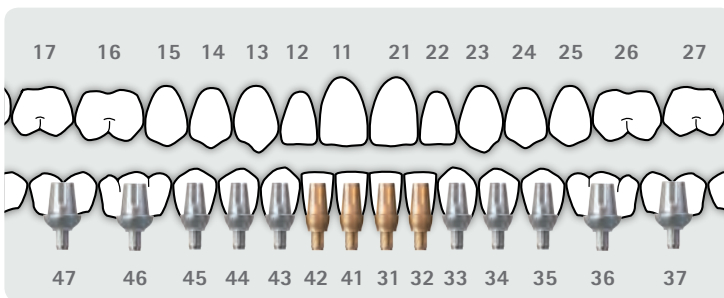
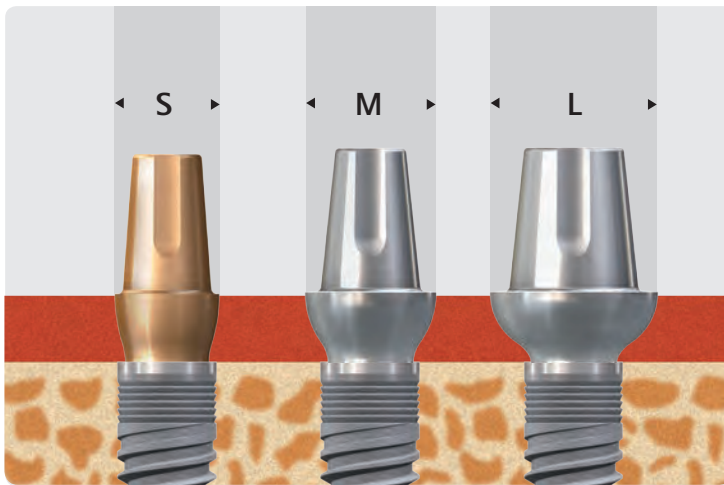
Just a single implant analog for all prosthetic restorations on implant level, independent of the implant platform. The implant analog is made of titanium to enable both the laboratory and the clinic/surgeon to use the same material.



REF	SKY-IA40
Description	SKY implant analogue
piece	1
Height/mm	14
Shoulder Ø / mm	4
Material	Ti*
Laboratory screw	incl.
SKY prosthetic key	✓
Torque/Ncm	25
Platform	regular
narrowSKY	✓
blueSKY / SKY classic	✓

Ti\*=  
Grade 4 KV titanium

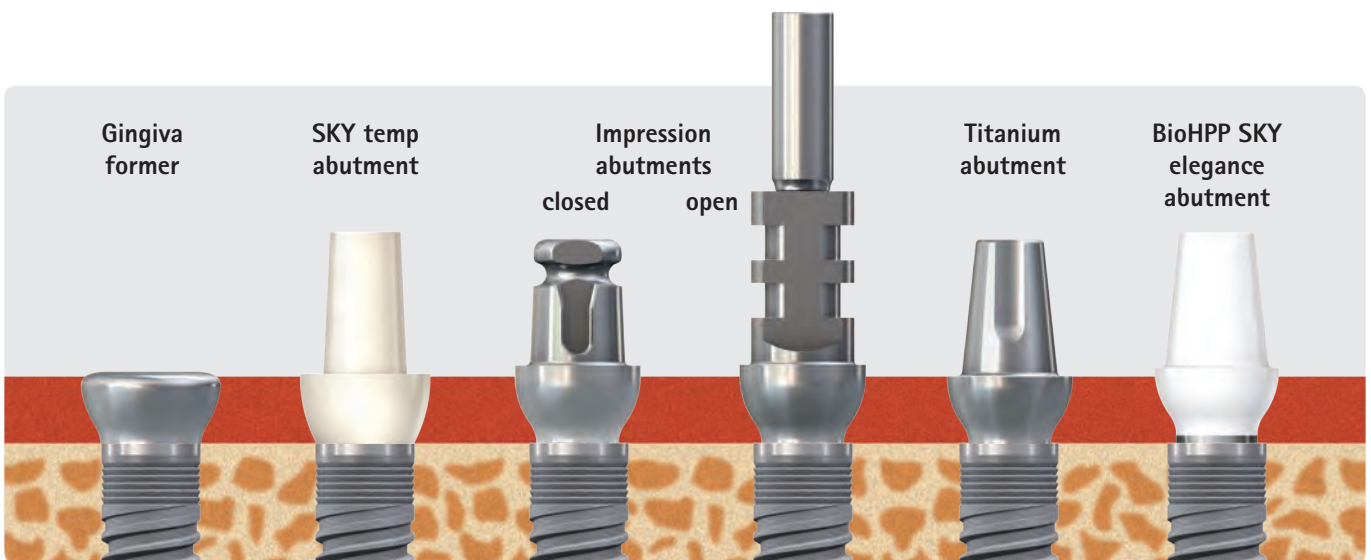
## SKY esthetic line



SKY esthetic line:

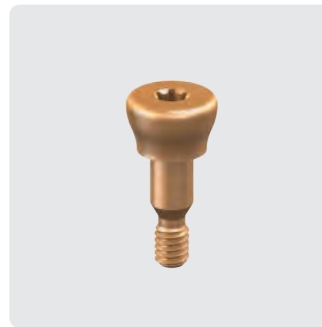
- Three diameters of the abutment shoulder:
  - S: 4.5 mm
  - M: 5.5 mm
  - L: 7.0 mm
- Narrow platform
  - Suitable for narrowSKY
  - Platform switch with blueSKY and SKY classic
- A concave and convex abutment shape in the gingival region ensures optimal attachment of the soft tissue
- Customisable axis compensation of up to 20°
- Particularly suitable for custom transverse screw fixation

## SKY esthetic line M

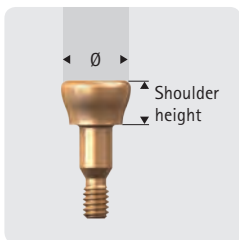


All components in the SKY esthetic line are matched to one another:  
Corresponding concave and convex sulcus shape.  
Also available for abutment shoulders with S and L diameters.

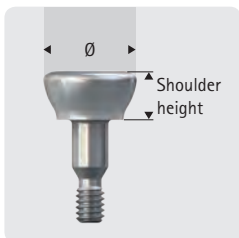
SKY esthetic gingiva former



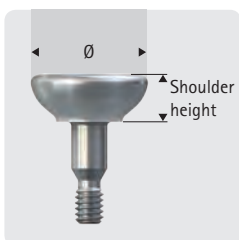
The SKY esthetic gingiva former gives the emergence profile the optimum shape for the subsequent use of the corresponding SKY esthetic abutments.



REF	SKYESG02	SKYESG03	SKYESG04	SKYESG06
Description	SKY aesthetic gingiva former S	SKY aesthetic gingiva former S	SKY aesthetic gingiva former S	SKY aesthetic gingiva former S
Shoulder height / mm	2	3	4	6
piece	1	1	1	1
Angulation	0°	0°	0°	0°
Shoulder Ø / mm	4.3	4.7	4.7	4.7
Material	Ti*	Ti*	Ti*	Ti*
SKY prosthetic key	✓	✓	✓	✓
Torque/Ncm	10	10	10	10
Platform	narrow	narrow	narrow	narrow
narrowSKY	✓	✓	✓	✓
blueSKY / SKY classic	✓	✓	✓	✓



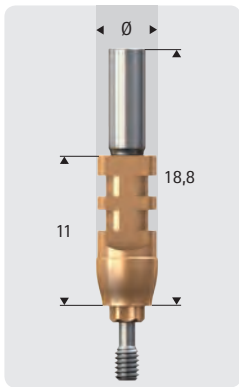
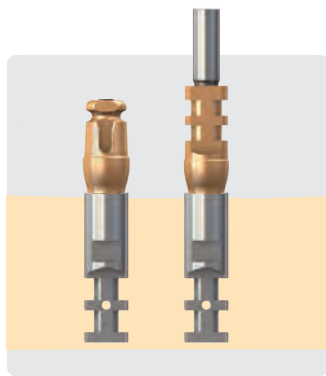
REF	SKYEMG02	SKYEMG03	SKYEMG04	SKYEMG06
Description	SKY aesthetic gingiva former M	SKY aesthetic gingiva former M	SKY aesthetic gingiva former M	SKY aesthetic gingiva former M
Shoulder height / mm	2	3	4	6
piece	1	1	1	1
Angulation	0°	0°	0°	0°
Shoulder Ø / mm	5.2	5.7	5.7	5.7
Material	Ti*	Ti*	Ti*	Ti*
SKY prosthetic key	✓	✓	✓	✓
Torque/Ncm	10	10	10	10
Platform	regular	regular	regular	regular
narrowSKY	-	-	-	-
blueSKY / SKY classic	✓	✓	✓	✓



REF	SKYELG02	SKYELG03	SKYELG04
Description	SKY aesthetic gingiva former L	SKY aesthetic gingiva former L	SKY aesthetic gingiva former L
Shoulder height / mm	2	3	4
piece	1	1	1
Angulation	0°	0°	0°
Shoulder Ø / mm	6.5	7.2	7.2
Material	Ti*	Ti*	Ti*
SKY prosthetic key	✓	✓	✓
Torque/Ncm	10	10	10
Platform	regular	regular	regular
narrowSKY	-	-	-
blueSKY / SKY classic	✓	✓	✓

Ti\*=  
Grade 4 KV titanium

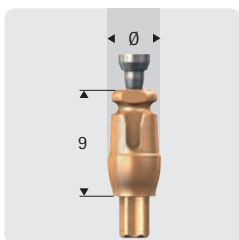
## SKY impression abutments



### Open modelling



REF	SKYnPAS1	SKYnPAM1	SKYnPAL1
Description	SKY impression abutment S open tray NP	SKY impression abutment M open tray NP	SKY impression abutment L open tray NP
piece	1	1	1
Angulation	0°	0°	0°
Shoulder Ø / mm	4,5	5,5	7,0
Abutment height / mm	11	11	11
Height incl. screw / mm	18,8	18,8	18,8
Length of Torx®	1,2	1,2	1,2
Material	Ti*	Ti*	Ti*
Trapped screw	incl.	incl.	incl.
SKY prosthetic key	✓	✓	✓
Torque/Ncm	10	10	10
Platform	narrow	narrow	narrow
narrowSKY	✓	✓	✓
blueSKY / SKY classic	✓	✓	✓



### Closed modelling



REF	SKYnPAS2	SKYnPAM2	SKYnPAL2	SKYnPAKA
Description	SKY impression abutment S closed tray NP	SKY impression abutment M closed tray NP	SKY impression abutment L closed tray NP	SKY impression coping, S, M, L closed tray
piece	1	1	1	1
Angulation	0°	0°	0°	0°
Shoulder Ø / mm	4,5	5,5	7,0	4,5
Abutment height / mm	9	9	9	4,5
Length of Torx®	3,5	3,5	3,5	-
Material	Ti*	Ti*	Ti*	-
Trapped screw	incl.	incl.	incl.	-
SKY prosthetic key	✓	✓	✓	-
Torque/Ncm	10	10	10	-
Platform	narrow	narrow	narrow	S, M, L
narrowSKY	✓	✓	✓	-
blueSKY / SKY classic	✓	✓	✓	-

Ti\*=  
Grade 4 KV titanium

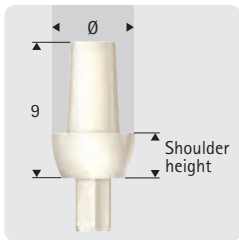
## SKY esthetic line temporary abutments



SKY temp is a purely plastic abutment and is therefore suitable for temporary restoration for a maximum of 6 months. There is a risk of loosening of the screws if it is used for longer periods.

### SKY temp as a custom gingiva former

The shortened and customised SKY temp can also be quickly adapted into a custom gingiva former, either chairside or in the laboratory.

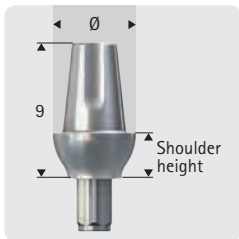


REF	SKYTEMPS	SKYTEMPM	SKYTEMPL
Description	SKY temp S abutment	SKY temp M abutment	SKY temp L abutment
piece	1	1	1
Angulation	0°	0°	0°
Shoulder Ø / mm	4.1	5.5	7.0
Shoulder height / mm	2.0	3.0	3.75
Height / mm	9.0	9.0	9.0
Material	POM	POM	POM
2.2 screw	incl.	incl.	incl.
SKY prosthetic key	✓	✓	✓
Torque/Ncm	18	18	18
Platform	regular	regular	regular
narrowSKY	-	-	-
blueSKY / SKY classic	✓	✓	✓

## SKY esthetic line titanium abutments

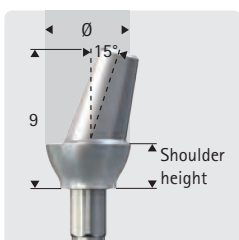


The concave and convex shape of the SKY esthetic abutments allows the dental technician to customise them to a large extent, and gives the gingiva a lot of space for attachment.



REF	SKYnES00	SKY-EM00	SKY-EL00
Description	SKY esthetic abutment S 0°	SKY esthetic abutment M 0°	SKY esthetic abutment L 0°
piece	1	1	1
Angulation	0°	0°	0°
Torx® alignment	Standard	Standard	Standard
Shoulder Ø / mm	4.5	5.5	7.0
Shoulder height / mm	3.0	3.0	3.0
Height / mm	9.0	9.0	9.0
Material	Ti*	Ti*	Ti*
2.2 screw	incl.	incl.	incl.
SKY prosthetic key	✓	✓	✓
Torque/Ncm	25	25	25
Platform	narrow	narrow	narrow
narrowSKY	✓	-	-
blueSKY / SKY classic	✓	✓	✓

Ti\*=  
Grade 4 KV titanium



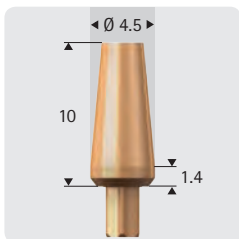
REF	SKYnES15	SKYnES16	SKY-EM15	SKY-EM16
Description	SKY esthetic abutment S 15°	SKY esthetic abutment S 15° R	SKY esthetic abutment M 15°	SKY esthetic abutment M 15° R
piece	1	1	1	1
Angulation	15°	15°	15°	15°
Torx® alignment	Standard	R = turned by 30°	Standard	R = turned by 30°
Shoulder Ø / mm	4.5	4.5	5.5	5.5
Shoulder height / mm	3.0	3.0	3.0	3.0
Height / mm	9.0	9.0	9.0	9.0
Material	Ti*	Ti*	Ti*	Ti*
2.2 screw	incl.	incl.	incl.	incl.
SKY prosthetic key	✓	✓	✓	✓
Torque/Ncm	25	25	25	25
Platform	narrow	narrow	narrow	narrow
narrowSKY	✓	✓	-	-
blueSKY / SKY classic	✓	✓	✓	✓

SKY standard line titanium abutments



The SKY standard line that has proven itself for years for cost-effective prosthetics, now new with narrow platform.

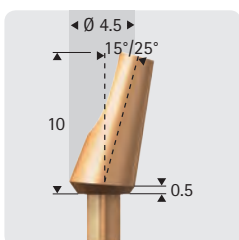
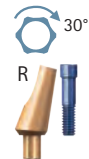
- You can now also restore using narrowSKY
- blueSKY and SKY classic now have a platform switch



REF	SKYnPO00
Description	SKY titanium abutment NP 0°
piece	1
Angulation	0°
Torx® alignment	Standard
Shoulder Ø / mm	4.5
Shoulder height / mm	1.4
Height / mm	10.0
Material	Ti*
2.2 screw	incl.
SKY prosthetic key	✓
Torque/Ncm	25
Platform	narrow
narrowSKY	✓
blueSKY / SKY classic	✓



Ti\* = Grade 4 KV titanium



REF	SKYnPO15	SKYnPO16	SKYnPO25	SKYnPO26
Description	SKY titanium abutment NP 15°	SKY titanium abutment NP 15° R	SKY titanium abutment NP 25°	SKY titanium abutment NP 25° R
piece	1	1	1	1
Angulation	15°	15°	25°	25°
Torx® alignment	Standard	R = turned by 30°	Standard	R = turned by 30°
Shoulder Ø / mm	4.5	4.5	4.5	4.5
Shoulder height / mm	0.5	0.5	0.5	0.5
Height / mm	10.0	10.0	10.0	10.0
Material	Ti*	Ti*	Ti*	Ti*
2.2 screw	incl.	incl.	incl.	incl.
SKY prosthetic key	✓	✓	✓	✓
Torque/Ncm	25	25	25	25
Platform	narrow	narrow	narrow	narrow
narrowSKY	✓	✓	✓	✓
blueSKY / SKY classic	✓	✓	✓	✓

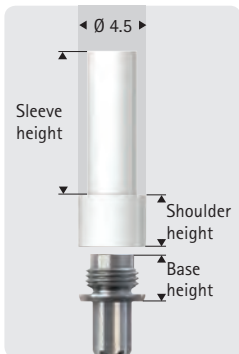


## SKY abutment cast-on



With cast-on abutments, difficult individual clinical situations can also be easily handled from a prosthetic point of view.

This is held securely by screwing the sleeve onto the metal base, so as to facilitate quick and reliable modelling of the custom abutment. The burn-out plastic sleeve is provided already mounted.

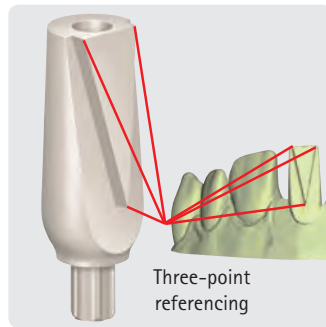


REF	SKYnPV00
Description	SKY abutment NP cast-on
piece	1
Angulation	0°
Shoulder Ø / mm	4.5
Shoulder height / mm	3.5
Sleeve height / mm	9.5
Sleeve material	PMMA
Base height	2.7
Base material	Au 60%, Pd 20%, Pt 19%, Ir 1%
Melting range	1400 - 1490°C
CTE	11.9 - 12.2 10 <sup>-6</sup> K <sup>-1</sup>
Weight	0.63 g
2.2 screw	incl.
SKY prosthetic key	✓
Torque/Ncm	25
Platform	narrow
narrowSKY	✓
blueSKY / SKY classic	✓

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  - SKY esthetic line temporary abutments
  - SKY esthetic line titanium abutments
  - SKY standard line titanium abutments
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  - SKY fast & fixed – accessories
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  - SKY Locator®

## SKY uni.fit Scan abutments



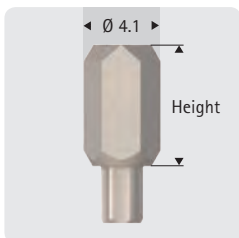
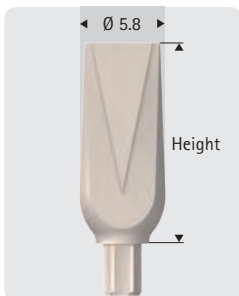
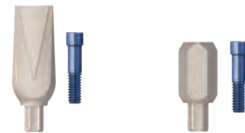
### Scan abutments

The position and orientation of the implant is transferred to the virtual model using a three-point reference system.

All SKY uni.fit components are recorded in the CAD programs:

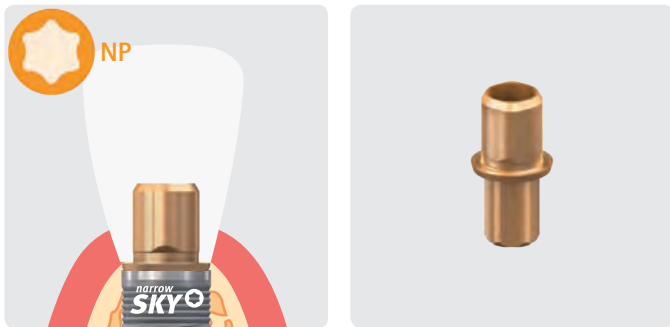
- exoCAD
- 3shape
- Dental Wings

Download: [www.caelo-dental.net](http://www.caelo-dental.net)

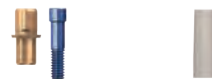
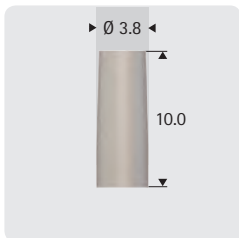
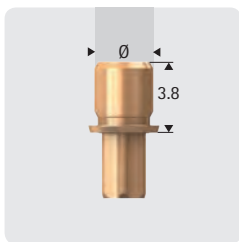
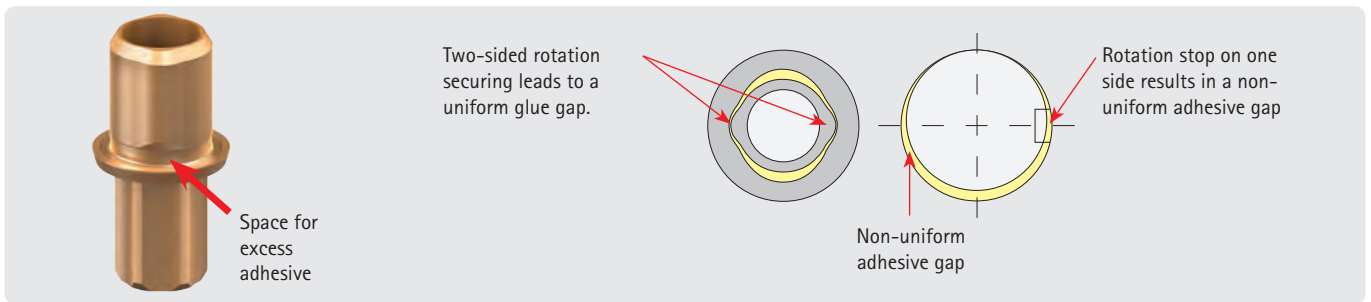


REF	SKYUSCAE	SKYUSCAI
Description	SKY uni.fit scan abutment Extraoral	SKY uni.fit scan abutment Intraoral
piece	1	1
Angulation	0°	0°
Shoulder Ø / mm	5.8	4.1
Height/mm	13.5	7.5
Material	PEEK	PEEK
2.2 screw	incl.	incl.
SKY prosthetic key	✓	✓
Torque/Ncm	10	10
Platform	narrow	narrow
narrowSKY	✓	✓
blueSKY / SKY classic	✓	✓
CAD library for: ( <a href="http://www.caelo-dental.net">www.caelo-dental.net</a> )	exoCAD 3shap Dental Wings	exoCAD 3shap Dental Wings

## SKY uni.fit CAD abutment



The geometry of the SKY uni.fit CAD abutments is such that the custom ceramic structure can be milled to create a perfect fit. The space for excess adhesive facilitates bonding.



REF	SKYUFCAD	UFCADMOD
Description	SKY uni.fit CAD abutment	Modelling cap
piece	1	10
Angulation	0°	0°
Shoulder Ø / mm	2.9/3.2	3.8
Height/mm	3.8	10
Material	Ti*	PMMA
2.2 screw	incl.	excl.
SKY prosthetic key	✓	✓
Torque/Ncm	25	10
Platform	narrow	narrow
narrowSKY	✓	✓
blueSKY / SKY classic	✓	✓
CAD library for: (www.caelo-dental.net)	exoCAD 3shap Dental Wings	-

Ti\*=  
Grade 4 KV titanium

## SKY prefab titanium



### Information for processing:

- SKY prefab titanium is recorded in the following CAD libraries:
  - 3shape
  - Dental Wings
  - exoCAD
 Download at: [www.caelo-dental.com](http://www.caelo-dental.com)
- The SKY prefab titanium is held in the Medentika holder
- If the SKY prefab cannot be controlled by the CAM, the Medentika workflow is then used.
  - Scanning the implant position with the Medentika scan abutment
  - Clamping the SKY prefabs titanium in the R position



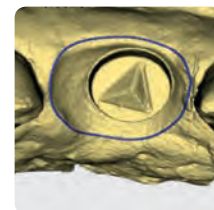
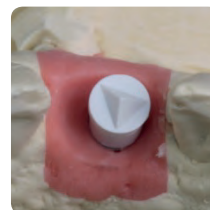
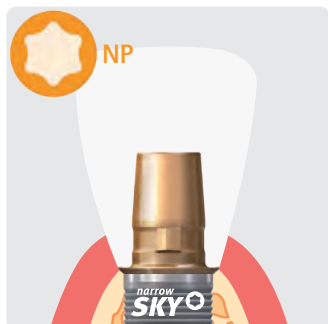
REF	SKYPFTST
Description	SKY prefab titanium set
piece	1
Angulation	0°
Ø / mm	11.5
Height/mm	20
Material	Ti*
2.2 screw	incl. in the original pack- aging
SKY prosthetic key	✓
Torque/Ncm	25
Platform	narrow
narrowSKY	✓
blueSKY / SKY classic	✓
Connector geometry	Medentika holder

Ti\*=  
Grade 4 KV titanium



BioHPP prefab  
see page 50

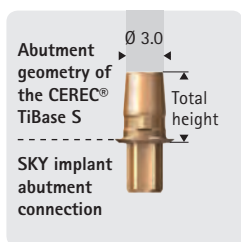
## SKY uni.fit titanium base for CEREC®



The SKY uni.fit titanium base for CEREC® combines the SKY Implant abutment connection with the abutment geometry of the CEREC® TiBase S. It is therefore possible to produce custom abutments for restoration with SKY Implants using the CEREC® system.

The SKY uni.fit titanium base for CEREC® combines the SKY Implant abutment connection with the abutment geometry of the CEREC® TiBase S. It is therefore possible to produce custom abutments for restoration with SKY Implants using the CEREC® system.

- The implant position is scanned using the original Sirona® scan bodies:
  - Scan bodies for Bluecam® S, 36 pieces REF 6431295
  - Scan bodies for Omnicam® S, 36 pieces REF 6431311
- For construction in the CEREC® software, a suitable implant is selected from the library, e.g. Camlog® 3.8.
- All CEREC® blocks with the S geometry can be used for this process.
- The subsequent bonding is carried out according to the manufacturer's instructions.



REF	SKYUFCTB	SKYUFCSB
Description	SKY uni.fit titanium base S for CEREC®	SKY uni.fit scan base S for CEREC®
piece	1	1
Angulation	0°	0°
Ø / mm	3.0	3.0
Total height / mm	5.0	10.2
Gingiva height / mm	0.3	5.5
Material	Ti*	Ti*
2.2 screw	incl.	incl.
SKY prosthetic key	✓	✓
Torque/Ncm	25	10
Platform	narrow	narrow
narrowSKY	✓	✓
blueSKY / SKY classic	✓	✓

Ti\*=  
Grade 4 KV titanium

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## SKY elegance overview

The BioHPP SKY elegance abutments are a new type of abutment that combine the properties of a temporary and a permanent abutment. This reduces costs and treatment time and the gingiva is spared.

- The elasticity of the BioHPP body protects the implant during healing
- The seat of the screw made in titanium ensures long-term, stable connection of the abutment to the implant

They are therefore ideal for one-time treatment without changing the abutment in immediate restoration. These abutments can of course also be used in late restoration. The elasticity of bredent's BioHPP® bionic material protects the implant against overloading in the long term.

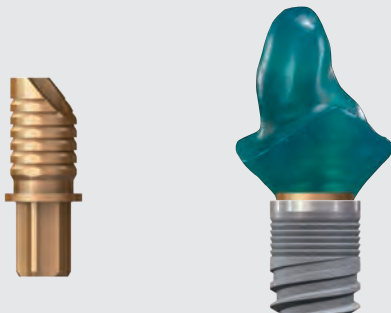
## Pre-fabricated abutments



### Pre-fabricated abutments

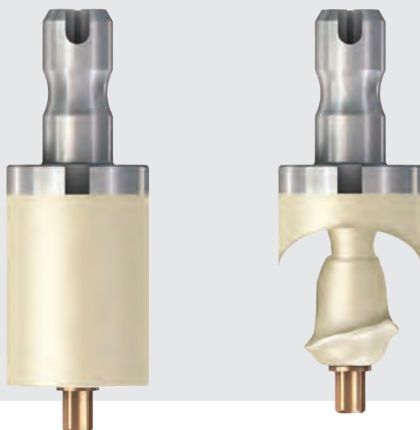
The pre-fabricated BioHPP SKY elegance abutments are universal abutments in the shape of the SKY esthetic line and can be used both with CAD/CAM-manufactured crowns and bridges, e.g. CEREC, as well as conventionally-manufactured crowns and bridges.

## Individual abutments



### Laboratory-manufactured individual abutments

Each laboratory is capable of producing a custom abutment based on the BioHPP SKY elegance Titan using the bredent for2press device, without the need for any major investment .



### CAD/CAM-manufactured individual abutments

With suitable CAD/CAM systems, an individual abutment can be manufactured using the BioHPP SKY elegance prefab. The titanium base is injected already gap-free in the pre-fab.



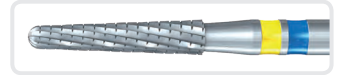
## SKY elegance abutments



For intraoral processing, we recommend Komet:



REF H 379 Q 314 023

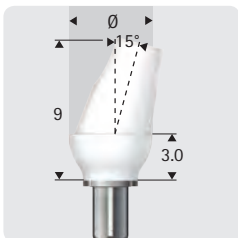
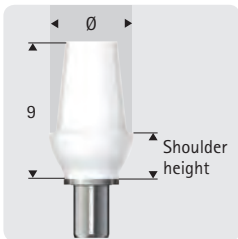







REF H 375 RQ 314 016

The BioHPP SKY elegance abutments are hybrid abutments in which the abutment body made of BioHPP is connected to the titanium base without a gap. These abutments are recommended for the so-called "One-Time Therapy", because they combine the characteristics of a temporary and a permanent abutment, which means an abutment change is not necessary. As a result, the gingiva is not subjected to multiple traumas. In addition, the time and costs are reduced.

BioHPP can be ground in the mouth as easily as dentine using carbide milling tools.

For extraoral processing, we recommend the bredent cutter set SKY elegance REF 580ELEM8



					
REF	SKYEEES00	SKYEEES15	SKYEEM00	SKYEEM15	SKYEEL00
Description	BioHPP SKY elegance S abutment 0°	BioHPP SKY elegance S abutment 15°	BioHPP SKY elegance M abutment 0°	BioHPP SKY elegance M abutment 15°	BioHPP SKY elegance L abutment 0°
piece	1	1	1	1	1
Angulation	0°	15°	0°	15°	0°
Shoulder Ø / mm	4.5	4.5	5.5	5.5	7.0
Shoulder height / mm	3.4	3.4	3.4	3.3	3.4
Height / mm	9.0	9.0	9.0	9.0	9.0
Body material	BioHPP	BioHPP	BioHPP	BioHPP	BioHPP
Base material	Ti*	Ti*	Ti*	Ti*	Ti*
2.2 screw	incl.	incl.	incl.	incl.	incl.
SKY prosthetic key	✓	✓	✓	✓	✓
Torque/Ncm	25	25	25	25	25
Platform	narrow	narrow	narrow	narrow	narrow
narrowSKY	✓	✓	-	-	-
blueSKY / SKY classic	✓	✓	✓	✓	✓

Ti\*=  
Grade 4 KV titanium

BioHPP SKY elegance prefab



With the BioHPP SKY elegance prefab, the abutment body made of BioHPP is pressed onto the BioHPP SKY elegance titanium base without a gap and forms a perfect mechanical connection. The required tooth shape for the custom abutment is designed in CAD software and the corresponding data set is passed on to the machine manufacturing stage.

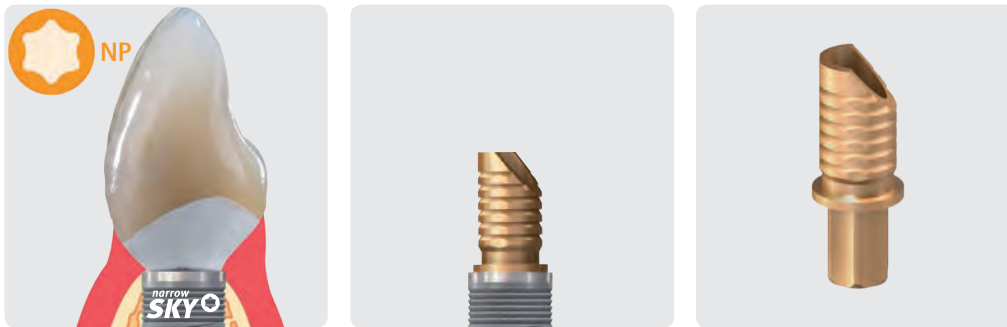
For CAD/CAM production



REF	SKYEPFST
Description	BioHPP SKY elegance prefab
piece	1
Angulation	0°
Ø / mm	12.0
Height / mm	16.0
Connection	Sirona® Standard
Base material	Ti*
Material construction	BioHPP
Color construction	dentin-shade
X-ray opaque	✓
Screw2,2	incl. Original packaging
SKY prosthetic key	✓
Torque / Ncm	25
Platform	narrow
narrowSKY	✓
blueSKY / SKY classic	✓

Ti\*=  
Grade 4 KV titanium

## BioHPP SKY elegance titanium base

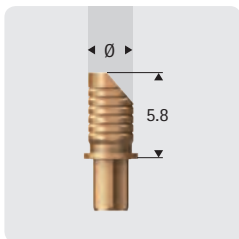


A custom abutment in a natural tooth shape is modelled on the BioHPP SKY elegance titanium base (sand-blasted by the technician). It is then embedded and remoulded with BioHPP in the *for2press* device.

This custom BioHPP abutment can then be directly veneered with the *visio.lign* veneer system to form a crown abutment or can be restored using a crown or a bridge.

For individual abutments or crown abutments in the region of the side teeth, the reinforced BioHPP SKY elegance titanium base ML is used.

### Konventionelle Fertigung



REF	SKYETB00	SKYETBML
Description	BioHPP SKY elegance titanium base	BioHPP SKY elegance titanium base ML
piece	1	1
Indication	Front tooth area	Range of teeth
Angulation	0°	0°
Ø / mm	3.1	3.5
Hight / mm	5.8	5.8
Material	Ti*	Ti*
Screw 2.2	incl.	incl.
SKY prosthetic key	✓	✓
Torque / Ncm	25	25
Platform	narrow	narrow
narrowSKY	✓	✓
blueSKY / SKY classic	✓	✓

Ti\*=  
Grade 4 KV titanium

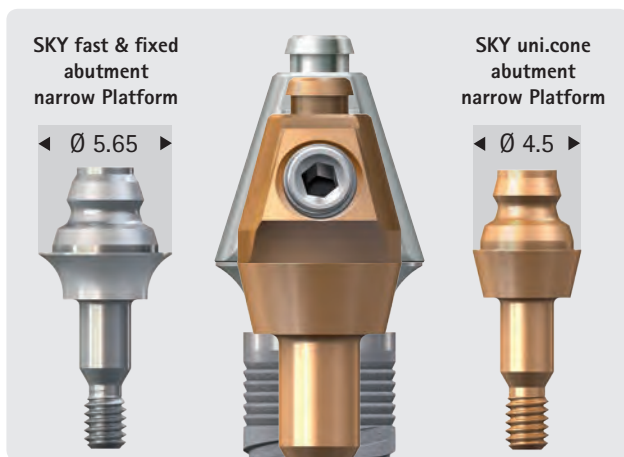
## SKY fast & fixed – overview



### SKY fast & fixed

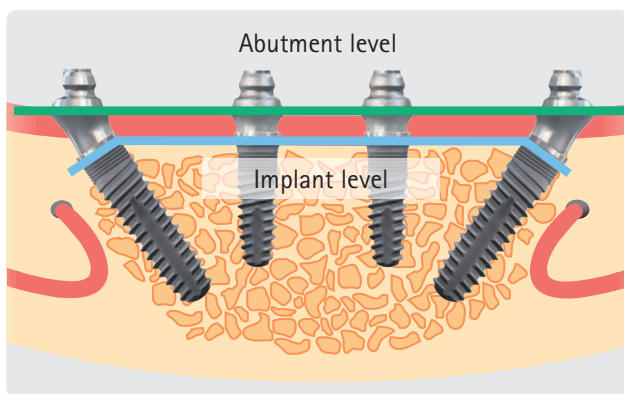
#### Immediate restoration for potentially edentulous jaws

- Reduced number of implants
- No extensive surgical procedures such as augmentations
- Standardised work steps make the work easier
- Reduction and prevention of errors and complications
- In most cases, immediate fixed temporary bridges after only one procedure
- At an affordable price



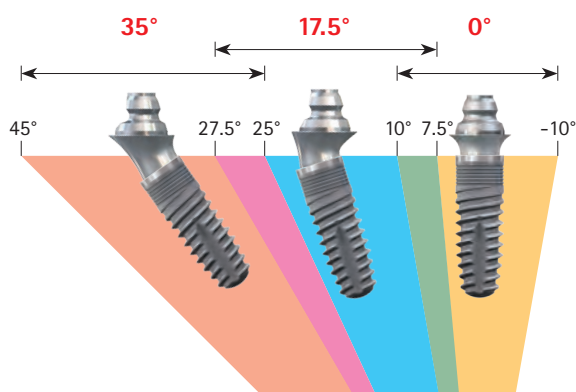
### SKY fast & fixed / SKY uni.cone

- One-time treatment – no change of abutment required
- Two shoulder diameters:
  - SKY fast & fixed: 5.65 mm
  - SKY uni.cone: 4.5 mm
- Two types of screwing:
  - Occlusally screwed
  - Transversally screwed



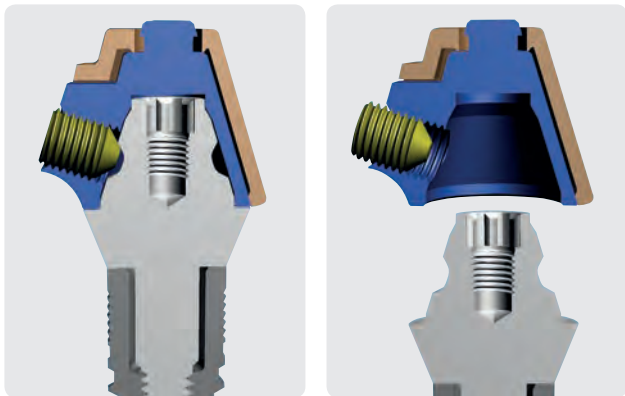
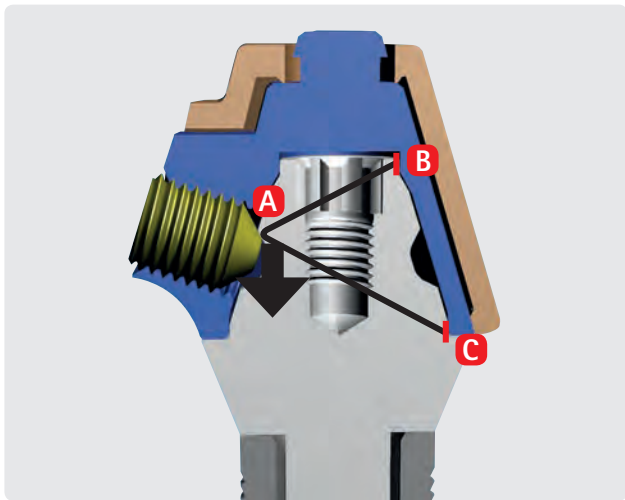
### SKY fast & fixed / SKY uni.cone modelling

- Modelling at abutment level
  - Abutment does not need to be removed



### Divergence compensation using an outer cone

By using a 17.5° outer cone for SKY fast & fixed abutments, compensation with divergent implants is possible. Maximum compensation here is 35°, however we recommend not exceeding the following angulations for biomechanical reasons.



### SKY fast & fixed / SKY uni.cone transversal screwing

#### Self-centering transversal screw retention

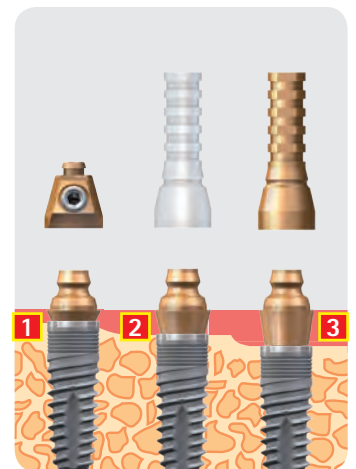
Transversal screw retention is a bolting principle. The thread for the bolt screw is located in the bridge framework. The bolt screw (A) and the cylindrical surfaces (B and C) form a compact unit. The prosthetic coping is fixed by triple point attachment with the bolt screw (A) and the short cylindrical surfaces (B and C) to avoid tilting. At the same time, the short cylindrical surfaces ensure that the coping is self-centered (passive fit) when it is placed on. Thanks to the slightly inclined position of the bolt screw, the prosthetic coping is pressed on the abutment platform and gap formation is avoided when it is tightened.

#### Simple application

Using the pre-fabricated transversal screwing is very simple:

- because the screw always remains in the secondary structure, therefore threading is not necessary.
- because only a few rotations are required to fix or loosen the restoration.
- because the precision groove running all the way around enables a high degree of freedom when designing the access to the screw.

### Combinable SKY fast & fixed and SKY uni.cone



#### SKY fast & fixed abutments with narrow Platform for

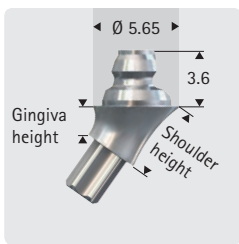
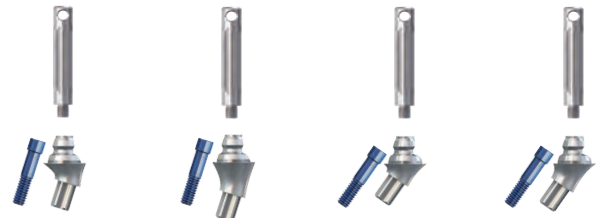
- blueSKY
- SKY classic

■ Gingiva height in mm

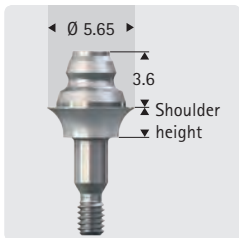

#### SKY uni.cone abutments with narrow Platform for

- narrowSKY
- blueSKY
- SKY classic

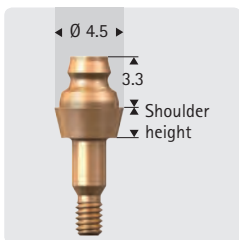

## SKY fast & fixed – components



REF	SKYFn173	SKYFn175	SKYFn354	SKYFn355
Description	SKY fast & fixed abutment 17.5°	SKY fast & fixed abutment 17.5°	SKY fast & fixed abutment 35°	SKY fast & fixed abutment 35°
Shoulder height / mm	3.0	5.0	4.0	5.0
piece	1 set	1 set	1 set	1 set
Gingiva height / mm	2.0	3.6	1.0	1.8
Angulation	17.5°	17.5°	35°	35°
Abutment height / mm	3.6	3.6	3.6	3.6
Shoulder Ø / mm	5.65	5.65	5.65	5.65
Insertion aid	incl.	incl.	incl.	incl.
Material	Ti*	Ti*	Ti*	Ti*
2.2 screw	incl.	incl.	incl.	incl.
SKY prosthetic key	✓	✓	✓	✓
Torque/Ncm	25	25	25	25
Platform	narrow	narrow	narrow	narrow
narrowSKY	✓	✓	✓	✓
blueSKY / SKY classic	✓	✓	✓	✓

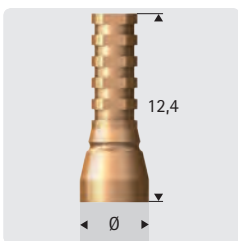
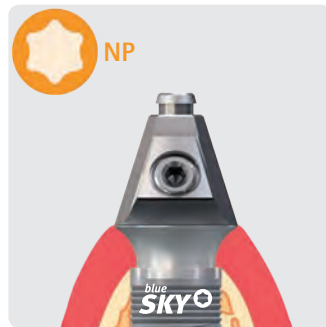



REF	SKYFn001	SKYFn002	SKYFn004
Description	SKY fast & fixed abutment NP 0°	SKY fast & fixed abutment NP 0°	SKY fast & fixed abutment NP 0°
Shoulder height / mm	1.0	2.0	4.0
piece	1	1	1
Angulation	0°	0°	0°
Abutment height / mm	3.6	3.6	3.6
Shoulder Ø / mm	5.65	5.65	5.65
Material	Ti*	Ti*	Ti*
SKY prosthetic key	✓	✓	✓
Torque/Ncm	25	25	25
Platform	regular	regular	regular
narrowSKY	✓	✓	✓
blueSKY / SKY classic	✓	✓	✓

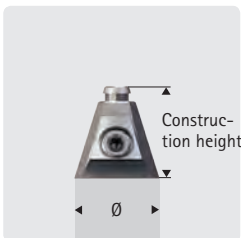



REF	SKYUC001	SKYUC002	SKYUC003
Description	SKY uni.cone abutment 0°	SKY uni.cone abutment 0°	SKY uni.cone abutment 0°
Shoulder height / mm	1.0	2.0	3.0
piece	1	1	1
Angulation	0°	0°	0°
Abutment height / mm	3.3	3.3	3.3
Shoulder Ø / mm	4.5	4.5	4.5
Material	Ti*	Ti*	Ti*
SKY prosthetic key	✓	✓	✓
Torque/Ncm	25	25	25
Platform	narrow	narrow	narrow
narrowSKY	✓	✓	✓
blueSKY / SKY classic	✓	✓	✓

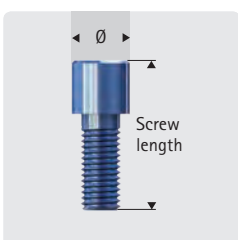
Ti\*=  
Grade 4 KV titanium



REF	SKYFFPKT	SKYUCPKT	SKYFFPKC	SKYUCPKC
Description	SKY fast & fixed prosthetic coping	SKY uni.cone prosthetic coping titanium	SKY fast & fixed prosthetic coping CAD/CAM	SKY uni.cone prosthetic coping CAD/CAM
piece	1	1	1	1
Construction height / mm	12.4	12.4	12.4	12.4
Angulation	0°	0°	0°	0°
Shoulder Ø / mm	5.65	4.5	5.65	4.5
Silicone tubing	incl.	incl.	-	-
Locking pin	incl.	incl.	-	-
Material	Ti*	Ti*	Ti*	Ti*
Screw	incl.	incl.	incl.	incl.
SKY prosthetic key	✓	✓	✓	✓
Torque/Ncm	18	18	18	18



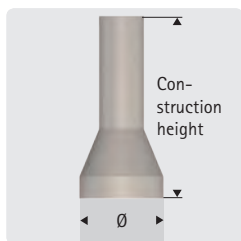
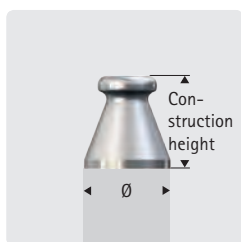
REF	SKYFFPKK	SKYUCPKK	SKYFFPKH	SKYFFPKS	SKYUCPKS
Description	SKY fast & fixed prosthetic coping plastic	SKY uni.cone prosthetic coping plastic	SKY fast & fixed prosthetic coping cast-on	SKY fast & fixed prosthetic coping transversal	SKY uni.cone prosthetic coping transversal
piece	1	1	1	1	1
Construction height / mm	12.4	12.4	12.8	6.1	5.1
Angulation	0°	0°	0°	0°	0°
Shoulder Ø / mm	5.65	4.5	5.65	5.65	4.5
Modelling cap	-	-	incl.	incl.	incl.
Material	PMMA	PMMA	Pt 90%, Ir 10%	Ti*	Ti*
Melting range	-	-	1770 - 1800°C	-	-
CTE	-	-	9 10 <sup>-6</sup> K <sup>-1</sup>	-	-
Weight	-	v	0.59 g	-	-
Sleeve material	-	-	PMMA	PS	PS
Screw	incl.	incl.	incl.	incl.	incl.
SKY prosthetic key	✓	✓	✓	-	-
Inbus 0.9	-	-	-	✓	✓
Torque/Ncm	18	18	18	18	18



REF	SKYFFSPK	SKYFFLPK	SKYUFTS9
Description	SKY fast & fixed / SKY uni.cone M 1.4 screw	SKY fast & fixed / SKY uni.cone lab screw M 1.4	SKY fast & fixed / SKY uni.cone transversal screw
piece	6	10	6
Screw length / mm	5.3	5.3	2.5
Thread	M 1.4	M 1.4	M 2x0.25
Head Ø / mm	2.1	2.1	-
Material	Grade 5 KV	Grade 5 KV	Grade 5 KV
SKY prosthetic key	✓	✓	-
Inbus 0.9	-	--	✓

Ti\*=  
Grade 4 KV titanium

## SKY fast & fixed – components



REF	SKYFTSNP	SKYUCSNP	SKYFFREG	SKYUCREG
Description	SKY fast & fixed snap coping	SKY uni.cone snap coping	SKY fast & fixed bite registration	SKY uni.cone bite registration
piece	10	10	10	10
Construction height / mm	8	8	4.1	4.1
Angulation	0°	0°	0°	0°
Shoulder ∅ / mm	5.65	4.5	5.65	4.5
Material	POM	POM	POM	POM



REF	SKYFFAGK	SKYUCAGK	SKYFFAOL	SKYUCAOL
Description	SKY fast & fixed impression short closed	SKY uni.cone impression short closed	SKY fast & fixed impression coping open	SKY uni.cone impression coping open
piece	1	1	1	1
Construction height / mm	6.1	6.1	17,5	17,5
Angulation	0°	0°	0°	0°
Shoulder ∅ / mm	5.65	4.5	5.65	4.5
Material	Ti*	Ti*	Ti*	Ti*
Screw	incl.	incl.	incl.	incl.
SKY prosthetic key	✓	✓	✓	✓



REF	SKYFSCIE	SKYUSCIE	SKYFFTLA	SKYUCTLA
Description	SKY fast & fixed scan coping intraoral / extraoral	SKY uni.cone scan coping intraoral / extraoral	SKY fast & fixed laboratory analogue	SKY uni.cone laboratory analogue
piece	1	1	1	1
Construction height / mm	12.4	12.4	14	14
Angulation	0°	0°	0°	0°
Shoulder ∅ / mm	5.65	4.5	5.65	4.5
Material	PEEK	PEEK	stainless steel	Ti*
Screw	incl.	incl.	incl.	incl.
SKY prosthetic key	✓	✓	-	-



Ti\*=  
Grade 4 KV titanium

REF	SKYFFS35
Description	SKY fast & fixed angulation aid set 35°
piece	1



**SKY fast & fixed – accessories**

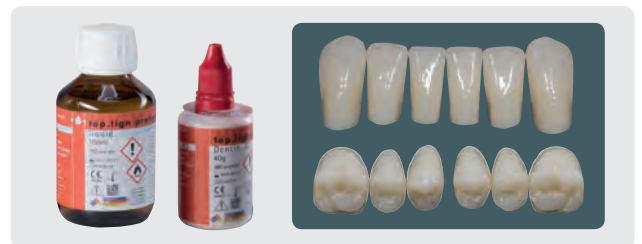
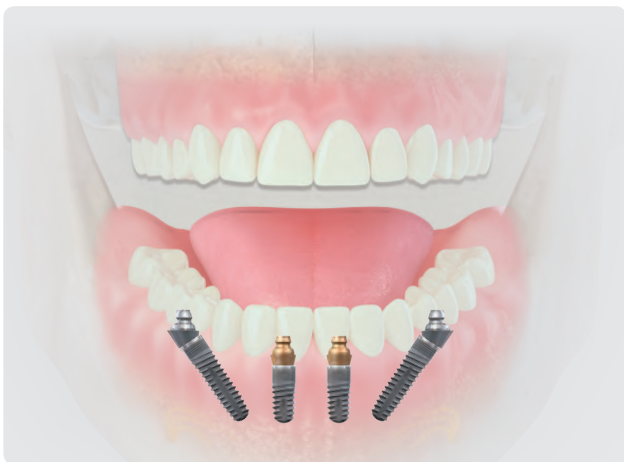


**SKY fast & fixed bridge kit**



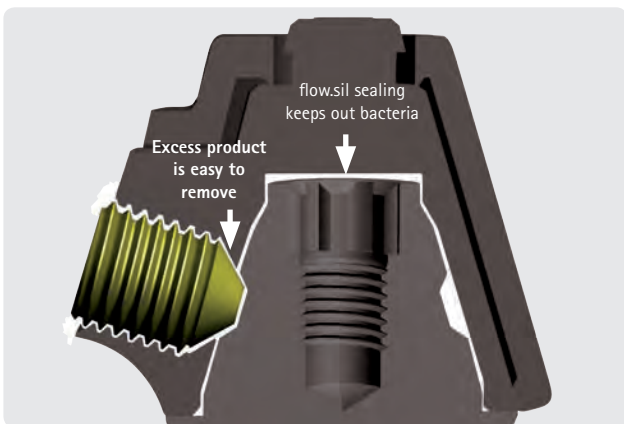
**SKY fast & fixed bridge kit maxilla  
REF 580FFBOK**

- top.lign professional crown and bridge material
- novo.lign veneers
  - I47, A3
  - L3, A3



**SKY fast & fixed bridge kit mandible  
REF 580FFBUK**

- top.lign professional crown and bridge material
- novo.lign veneers
  - D38, A3
  - L3, A3



**flow.sil – microgap sealing**  
Sealing of the gaps between the abutment and prosthetic restoration

- Has an antimicrobial effect
- Prevents or reduces bacterial colonisation
- Prevents or reduces odour formation

flow.sil Set contains:  
5 ml double cartridge  
4 mixing cannulas  
4 tips  
**REF 580FLOWS**

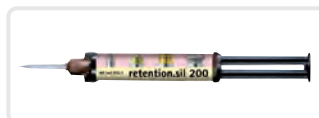
# SKY prosthetics

- Implant and abutment platforms
- Implant connections
- Prosthetics overview
- Classic implantology
  - Implant analogue
  - SKY aesthetic line
  - SKY aesthetic gingiva former
  - SKY impression abutments
  - SKY aesthetic line temporary abutments
  - SKY aesthetic line titanium abutments
  - SKY standard line titanium abutments
  - SKY castable abutment
- CAD/CAM-manufactured restorations
  - SKY uni.fit scan abutments
  - SKY uni.fit titanium base
  - SKY prefab titanium
  - SKY uni.fit titanium base S for CEREC®
- Immediate and late restoration
  - SKY elegance overview
  - SKY elegance abutments
  - SKY elegance prefabs
  - SKY elegance titanium base
  - SKY fast & fixed – overview
  - SKY fast & fixed – components
  - SKY fast & fixed – accessories
- Prosthesis fixation
  - SKY TiSi.snap
  - SKY Locator®

## SKY TiSi.snap



Contents:  
retention.sil in 3 hardnesses  
in the double-mix cartridge  
**REF 580RTSET**



retention.sil 200  
Shore hardness 25 SH  
Pull-off forces 200 g / 2 Newton  
**REF 580RTS25**

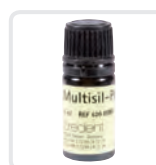


retention.sil 400  
Shore hardness 50 SH  
Pull-off forces 400 g / 4 Newton  
**REF 580RTS50**

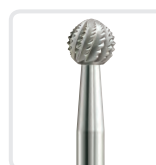


retention.sil 600  
Shore hardness 65 SH  
Pull-off forces 600 g / 6 Newton  
**REF 580RTS65**

Cost-effective prostheses can be fixed using TiSi.snap and retention.sil, as the existing prosthesis only requires grinding. Hold is guaranteed by retention.sil, which is filled into the cavity. The restoration is very resilient and offers a high level of wearing comfort.



Multisil-Primer  
5 ml  
**REF 520 0100 4**



Special Silicon Trimmer  
Ø 4.1 mm  
**REF SKY-DR41**

The special silicone cutter is suitable for angled and lab handpiece.



REF	TISIOY31	TISIOY51	TISIOY53	TISIAY17	TISIAY35
Description	SKY TiSi.snap 3/1	SKY TiSi.snap 5/1	SKY TiSi.snap 5/3	SKY TiSi.snap 17,5°	SKY TiSi.snap 35°
pieces	1	1	1	1	1
Angulation	0°	0°	0°	17.5°	35°
Shoulder Ø / mm	4.93	4.93	4.93	5.65	5.65
Gingiva height / mm	1.34	1.34	3.34	1,7	0,7
Material	Grade 5 KV titanium	Grade 5 KV titanium	Grade 5 KV titanium	Ti*	Ti*
SKY prosthetic key	✓	✓	✓	✓	✓
Torque / Ncm	25	25	25	25	25
Platform	narrow	narrow	narrow	regular	regular
narrowSKY	✓	✓	✓	-	-
blueSKY / SKY classic	✓	✓	✓	✓	✓
retention.sil	✓	✓	✓	✓	✓
Retentions-Ø / mm	3.87	3.87	3.87	3.87	3.87
Locator®	10° - 20°	10° - 20°	10° - 20°	10° - 20°	10° - 20°

Ti\*=  
Grade 4 KV titanium

## SKY Locator®



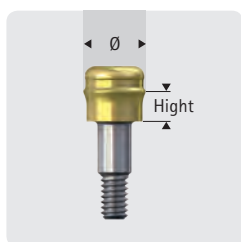
Due to its low structural height, the SKY Locator® offers excellent possibilities for fixing prostheses in many cases.






The long-lasting stability of the bone around the implant is supported by the built-in Platform switch.

The 5 gingival heights of 1, 2, 3, 4, and 6 mm cover all of the relevant clinical situations.



REF	LOCLAB10	LOCLAB20
Description	Locator® Processing set 0°-10°	Locator® Processing set 10°-20°
pieces	2 Sets	2 Sets
Material	Titan / Teflon / Nylon	Titan / Teflon / Nylon



					
REF	LOCZAB01	LOCZAB02	LOCZAB03	LOCZAB04	LOCZAB06
Description	Locator® abutment for SKY 1 mm	Locator® abutment for SKY 2 mm	Locator® abutment for SKY 3 mm	Locator® abutment for SKY 4 mm	Locator® abutment for SKY 6 mm
pieces	1	1	1	1	1
Angulation	0°	0°	0°	0°	0°
Gingiva height	1	2	3	4	6
Material	Ti*	Ti*	Ti*	Ti*	Ti*
Coating	TiNi	TiNi	TiNi	TiNi	TiNi
Locator-Instruments	✓	✓	✓	v	✓
Torque / Ncm	25	25	25	25	25
Platform	narrow	narrow	narrow	narrow	narrow
narrowSKY	✓	✓	✓	✓	✓
blueSKY / SKY classic	✓	✓	✓	✓	✓
retention.sil	✓	✓	✓	✓	✓
Retention Ø / mm	3.87	3.87	3.87	3.87	3.87
Retention elements 0°-10°	✓	✓	✓	✓	✓
Retention elements 10°-20°	✓	✓	✓	✓	✓

Ti\*=  
Grade 4 KV titanium



**Crown and bridge material**  
Qu-resin rosa  
REF 540 0116 1





In the atrophied jaw, implants can often only be placed in an angulated manner, the obliquely acting bite forces can lead to increased wear on the abutments and the retention elements. The insertion direction is adjusted for by the angled Locator®. The following angulations are available:

- 17.5°
- 35°

It is therefore now also possible to support prostheses from a posterior direction using implants inserted at an angle.



REF	LOCLAB10	LOCLAB20
Description	Locator® Processing set 0°-10°	Locator® Processing set 10°-20°
pieces	2 Sets	2 Sets
Material	Titan / Teflon / Nylon	Titan / Teflon / Nylon



REF	LOCAB172	LOCAB352
Description	SKY Locator® abutment 17,5°	SKY Locator® abutment 35°
pieces	1	1
Angulation	17.5°	35°
Sholder Ø / mm	5.65	5.65
Gingiva height / mm	1.7	0.7
Coping Material	Grade 5 titanium	Grade 5 titanium
Coping coating	TiNi	TiNi
Basi material	Grade 4 KV titanium	Grade 4 KV titanium
Material	-	-
Screw	incl.	incl.
SKY prosthetic key	✓	✓
Torque / Ncm	25	25
Platform	regular	regular
narrowSKY	-	-
blueSKY / SKY classic	✓	✓
Retention Ø / mm	3.87	3.87
Retention elements 0°-10°	✓	✓
Retention elements 10°-20°	✓	✓

**SKY Locator® Prosthesis fixation**



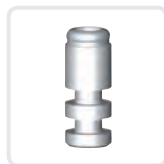
Locator®  
Instrument  
1 pieces  
REF LOCZINST



Locator®  
Angular insertion  
instrument, 1 pieces  
REF LOCZWED6



Impression coping  
4 pieces  
REF LOCZAK40



Laboratory analog  
4 pieces  
REF LOCZLA40



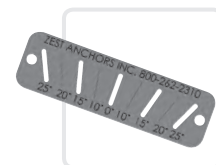
Blocking out ring  
20 pieces  
REF LOCblock



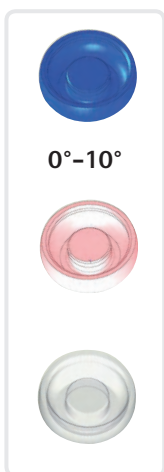
Processing insert  
black  
4 pieces  
REF LOCZVA11



Angular measuring  
abutment  
4 pieces  
REF LOCZWIMP

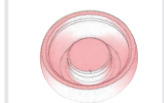


Angular measuring  
gauge  
1 pieces  
REF LOCZWIML



Retention insert  
blue, 6.7 N, 680 g  
4 pieces  
REF LOCR1006

0°-10°



Retention insert  
pink, 13.4 N, 1365 g  
4 pieces  
REF LOCR1013



Retention insert  
transparent, 22.3 N,  
2270 g  
4 pieces  
REF LOCR1022



Retention insert  
red, 4.4 N, 454 g  
4 pieces  
REF LOCR2006

10°-20°



Retention insert  
orange, 9.1 N, 907 g  
4 pieces  
REF LOCR2009



Retention insert  
green, 17.8 N, 1815 g  
4 pieces  
REF LOCR2018



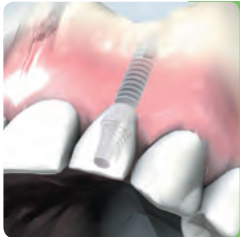
Prosthesis fixation  
and restoration of narrow single tooth gaps

miniSKY for narrow alveolar ridges



Prosthesis fixation

With miniSKY, bredent medical offers an implant that is reduced in diameter and perfectly suited to prosthesis fixation due to its technical properties.



Restoration of narrow single tooth gaps

mini<sup>2</sup>SKY is perfectly suited to restoration of narrow single tooth gaps. In the case of low bone availability and despite residual dentition, patients can be treated with a highly-aesthetic solution for the edentulous space.

The miniSKY implant system  
Implant and surface design



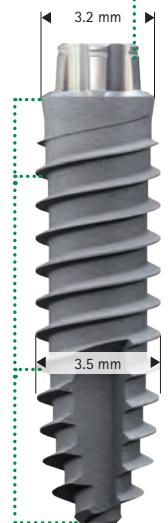
Rotation-locked conical abutment connection reduces the risk of the screw loosening

Three-stage functional design for the highest level of stability

Cortical relief

Central stabilisation

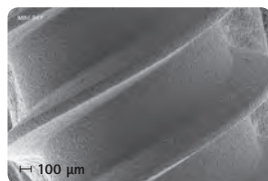
Special tip



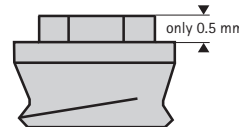
osseo connect surface (ocs)<sup>®</sup>

The mini<sup>1</sup>SKY and mini<sup>2</sup>SKY implants have the tried-and-tested osseo-connect surface (ocs)<sup>®</sup> of the blueSKY implants, which ensures optimal osseointegration.

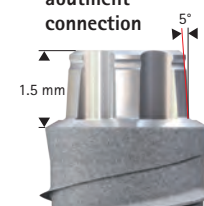
The uniform coarse surface provides ideal prerequisites for the accumulation of the osteoblasts. This is additionally supported by the excellent hydrophilic properties of the implants.



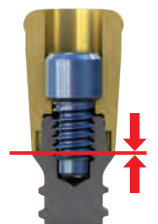
Competing implant abutment connection



mini<sup>2</sup>SKY implant abutment connection



- High implant abutment connection
- Minimal movement due to 5° cone
- Exceptional stability

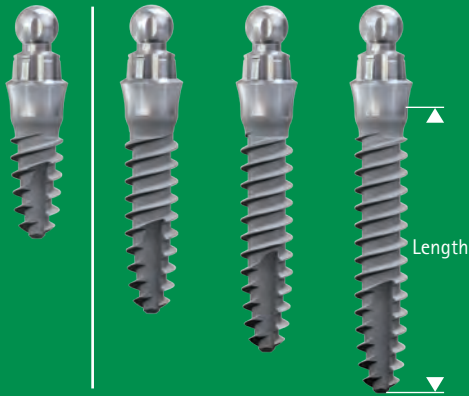


Definitive positioning of the abutment



mini<sup>1</sup>SKY

- Temporary implant
- Fixation of templates



Length 6 mm

REF m1SKYL06

Length 10 mm

REF m1SKYL10

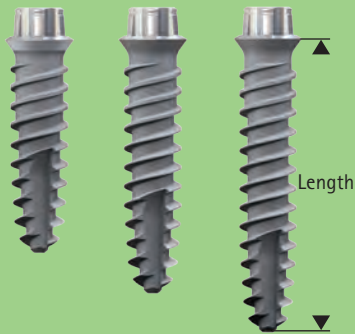
Length 12 mm

REF m1SKYL12

Length 14 mm

REF m1SKYL14

mini<sup>2</sup>SKY 2.8



Length 10 mm

REF m2SKYL10

Length 12 mm

REF m2SKYL12

Length 14 mm

REF m2SKYL14

mini<sup>2</sup>SKY 3.2



Length 8 mm

REF m2SK3208

Length 10 mm

REF m2SK3210

Length 12 mm

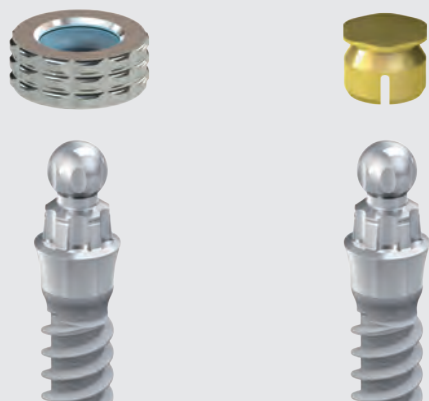
REF m2SK3212

Length 14 mm

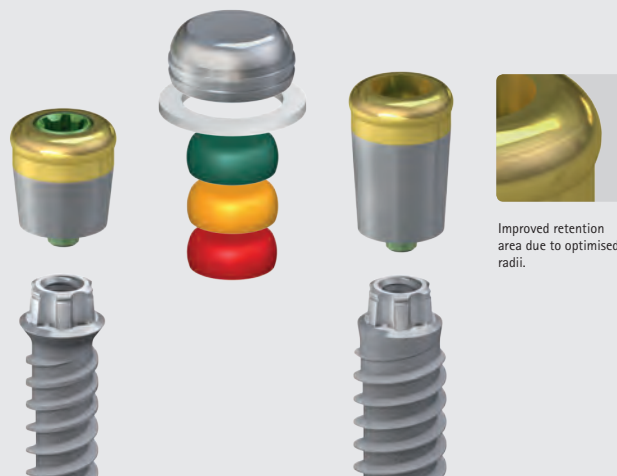
REF m2SK3214

## Prosthesis fixation

SKY O-ring housing or SKY precious metal matrix

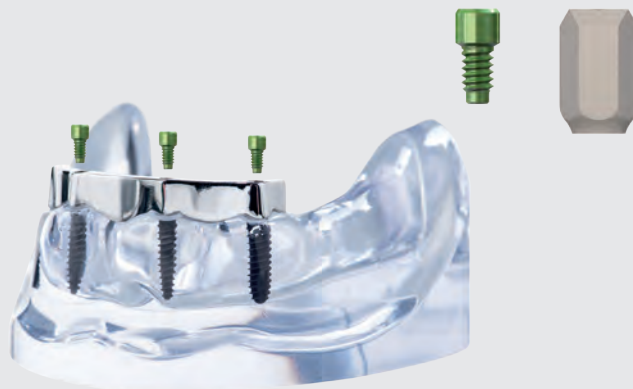


mini<sup>2</sup>SKY retention.loc



mini<sup>2</sup>SKY TiSi.snap with retention.sil – the economical alternative

CAD/CAM manufactured bars – directly screwed

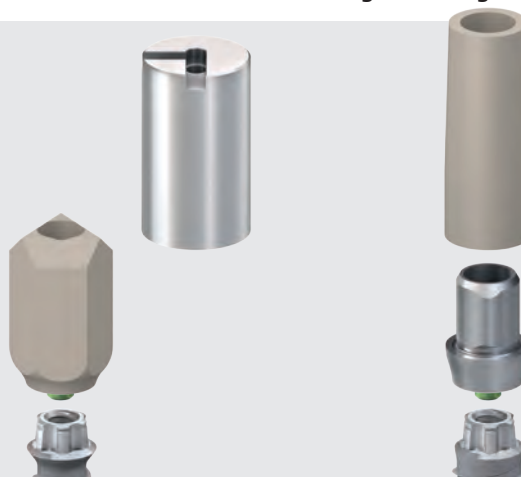


## Restoration of narrow single-tooth gaps

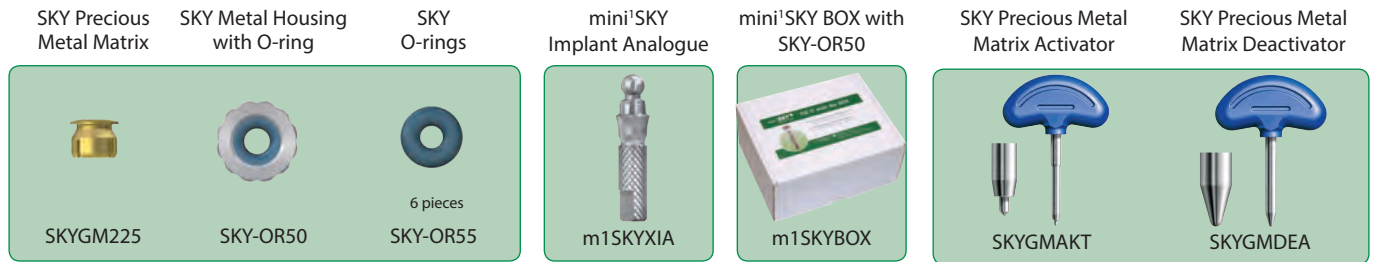
Standard abutments



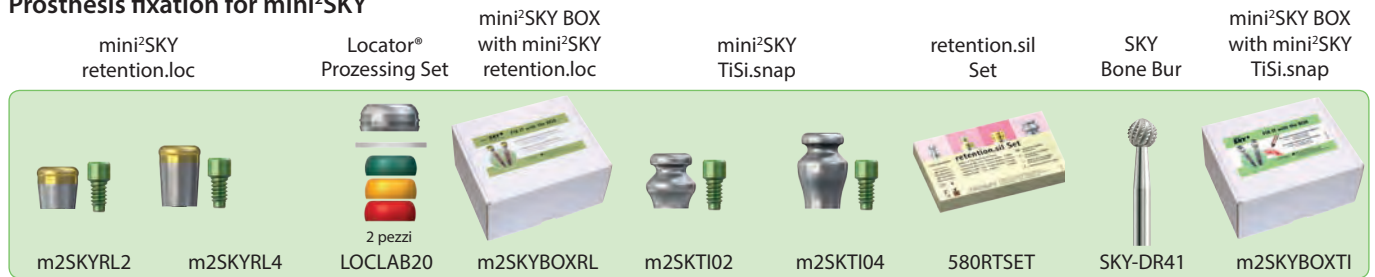
Individual abutments – analogue and digital



**Prosthesis fixation for mini<sup>1</sup>SKY**

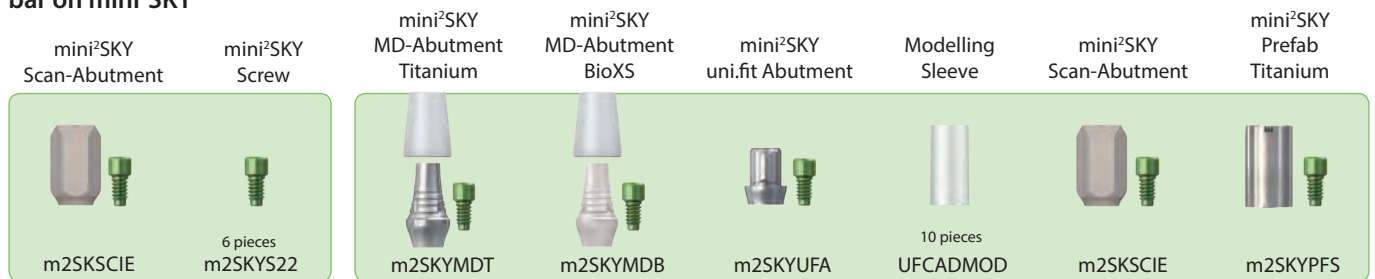


**Prosthesis fixation for mini<sup>2</sup>SKY**



**Prosthetic fixation with CAD/CAM manufactured bar on mini<sup>2</sup>SKY**

**Restoration of narrow single-tooth gaps with mini<sup>2</sup>SKY**



**Impression abutments, laboratory analogues, gingiva former and screws for mini<sup>2</sup>SKY**



## For broad alveolar ridges with low height – copaSKY, short and good



For years, the SKY implant system with narrow and angled implants has been a pioneer of minimally-invasive surgical procedures, with the aim of making optimal use of the existing bone and avoiding augmentation as far as possible.

With the new copaSKY, we now offer an impressive alternative for the restoration of broad, flat jaws with short implants.



**copaSKY also has the DNA of all SKY implant systems: The only elements that have been changed are those that were necessary for the compact construction**

- Mainly the new conical, parallel-walled very stable implant-abutment connection
- The implant has a back taper so that attachment of bone chips is possible
- The implant position is iso-crestal or slightly sub-crestal
- Single-start screw thread for a better feeling

**The tried-and-tested properties of the SKY system have been retained:**

- One connector geometry for all diameters
- Torx as rotation protection
- Manageable compact prosthetics
- Conical cylindrical implant shape
- Tried-and-tested *osseo-connect surface (ocs)*<sup>®</sup>
- Self-tapping deepened compression thread
- High level of primary stability
- Same surgical protocol

**At the start of 2018 the copaSKY line of implants will be limited to the essentials and will then be gradually supplemented by the proven prosthetic elements of the SKY implant system:**

- copaSKY elegance
- copaSKY uni.fit CAD
- copaSKY uni.cone abutment



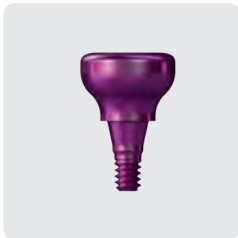
**copaSKY impression abutment open tray**  
The proven design of the SKY abutments for open trays was adopted.  
REF **copaPAM1**



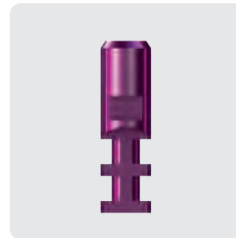
**copaSKY mounter**  
Only one new implant mounter is required for use.

**copaSKY mounter short**  
REF **copaCTK5**

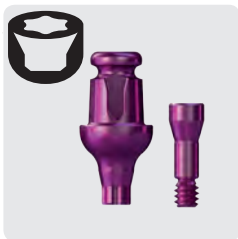
**copaSKY mounter long**  
REF **copaCTK6**



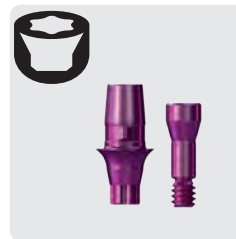
**copaSKY gingiva former open tray**  
The proven design of the SKY aesthetic abutments was adopted.  
REF **copaGF04**



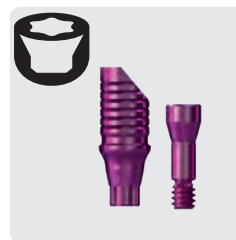
**copaSKY implant analogue**  
Only one implant analogue for all diameters.  
REF **copaIA50**



**copaSKY exso abutment**  
This multi-functional abutment is suitable for closed modelling as well as a permanent titanium abutment.  
REF **copaEXSO**



**copaSKY titanium base for CEREC**  
The titanium base for the CEREC workflow for chairside manufacture of the superstructure.  
REF **copaSCTB**



**copaSKY elegance titanium base ML**  
The titanium base for the laboratory manufacture of individual abutments made from BioHPP using the *for2press* system  
REF **copaETBM**

<p>Ø 4 mm</p> 	<p>Length 5.2 mm</p> <p>REF <b>copa4005</b></p>	<p>Ø 5 mm</p> 	<p>Length 5.2 mm</p> <p>REF <b>copa5005</b></p>	<p>Ø 6 mm</p> 	<p>Length 5.2 mm</p> <p>REF <b>copa6005</b></p>	 <p>Including a cover screw</p>
---------------------------------------------------------------------------------------------------	-------------------------------------------------	---------------------------------------------------------------------------------------------------	-------------------------------------------------	---------------------------------------------------------------------------------------------------	-------------------------------------------------	----------------------------------------------------------------------------------------------------------------------

## The aesthetic zirconium implant



### 11 years experience – scientifically proven

#### High success rates

- Amberger et. al 2015 – 94.6% after 4 years
- Grassi et al. 2015 – 96.4% after 5 years

#### Highly stable implant

- Kohal et al. 2011

#### Excellent soft tissue attachment

- Stadlinger et al. 2011

#### Stable bone level

- Amberger et. al 2015
- Borgonovo et al. 2013
- Grassi et al. 2015

### Recommendations for using the whiteSKY zirconium implants

Very thorough implant planning required.

Individual tooth:

Correct implant position is crucial for the aesthetic result

Bridges:

- Parallel positioning of the implants for the restoration required
- +/- 10° divergence balance possible
- Use drilling templates

Make use of the surgical options to achieve optimal primary stability

Temporarily restore the implant immediately

- Elastic prosthetic materials
- Interlocking with neighbouring teeth if the primary stability < 30 Ncm

Modelling like a natural tooth stump

Permanent restoration

- Using modern high-performance polymers such as BioHPP, which are veneered with composite materials such as visio.lign
- Using ceramic

#### Literature:

Amberger et al.  
Immediate provisional restoration of single-piece zirconia implants: 4 years follow up  
Med Oral Patol Oral Cir Bucal

Borgonovo et al.  
Behavior of endosseous one-piece yttrium stabilized zirconia dental implants placed in posterior areas  
Minerva Stomatol 2013 62, 247-57

Calvo-Guirado et al.  
Histological, radiological and histomorphometric evaluation of immediate vs. non-immediate loading of a zirconia implant with surface treatment in a dog model  
Clinical Oral Implants Research, Volume 25, Issue 7, July 2014, Pages: 826-830, Jose


Grassi et al.  
Immediate Occlusal Loading of One-Piece Zirconia Implants: 5 years Radiographic and Clinical Evaluation  
JOMI, vol. 30, N° 3, 2015

Kohal et al.  
The effects of cyclic loading and preparation on the fracture strength of zirconium-dioxide implants: an in vitro investigation.  
Clin. Oral Implants Res, 2011 Aug 22 (8); S. 808-814

Payer et al.  
Immediate provisional restoration of single-piece zirconia implants: a prospective case series – results after 24 months of clinical function  
COIR, Volume 24, Issue 5, May 2013, Pages: 569-575

Stadlinger et al.  
Comparison of zirconia and titanium implants after a short healing period. A pilot study in minipigs.  
Clinical & Maxillofacial Surgery, Vol. 3, 1, 2010

## whiteSKY sizes




Ø 3.5 mm

Length 10 mm	REF SKY3510C
Length 12 mm	REF SKY3512C
Length 14 mm	REF SKY3514C
Length 16 mm	REF SKY3516C



Ø 4.0 mm

Length 8 mm	REF SKY4008C
Length 10 mm	REF SKY4010C
Length 12 mm	REF SKY4012C
Length 14 mm	REF SKY4014C
Length 16 mm	REF SKY4016C



Ø 4.5 mm

Length 8 mm	REF SKY4508C
Length 10 mm	REF SKY4510C
Length 12 mm	REF SKY4512C
Length 14 mm	REF SKY4514C



OP-Kit OT21  
REF SKYXOT21






Set for grinding zirconium whiteSKY  
REF 580E006C



REF	SKYCPK40	SKYCPK45
Description	whiteSKY Prosthetic cap Ø 3.5 mm + Ø 4.0 mm	whiteSKY Prosthetic cap Ø 4.5 mm
Pieces	1	1
Height / mm	8.0	8.0
Ø / mm	4.3	4.8
Material	PEEK	PEEK

# Accessories and instruments for the SKY implant lines

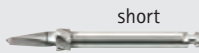
## Drill

Drill stops			L6	L8	L10	L12	L14	L16
Twistdrill		REF	SKYXST06	SKYXST08	SKYXST10	SKYXST12	SKYXST14	SKYXST16
Drill		REF	-	SKYS0840	SKYS1040	SKYS1240	SKYS1440	SKYS1640
Drill		REF	-	SKYS0845	SKYS1045	SKYS1245	SKYS1445	-

### Bone bur rpm/min rpm 800-1.000

Ø 4.1  REF SKY-DR41


### Pilot drill rpm 800-1.000


Ø 3.1  short REF SKY-DP06

Ø 3.1  long REF SKY-DP08

### Twistdrill rpm 800-1.000

Ø 1.3  REF SKYDT13L

Ø 2.25  short REF SKYDT23K

Ø 2.25  long REF SKYDT23L

### Drill for hard bone rpm 300

Ø 3.2  REF SKYD1235 3.5 3.5 N

Ø 3.8  REF SKYD1240 4.0

Ø 4.3  REF SKYD1245 4.5

Ø 5.0  REF SKYD1255 5.5

### Drill for medium hard and soft bone rpm 300

Ø 3.06  REF SKYD3435 3.5 3.5 N


Ø 3.56  REF SKYD3440 4.0


Ø 4.06  REF SKYD3445 4.5


Ø 4.76  REF SKYD3455 5.5


### Crestal drill rpm 300

Ø 3.5  REF SKYCD35n 3.5 N narrowSKY

Ø 4.0  REF SKYXCD35 3.5 blueSKY, SKY classic

Ø 4.0  REF SKYXCD40 4.0 blueSKY SKY classic

Ø 4.5  REF SKYXCD45 4.5 blueSKY SKY classic

Ø 5.2  REF SKYXCD55 5.5 blueSKY

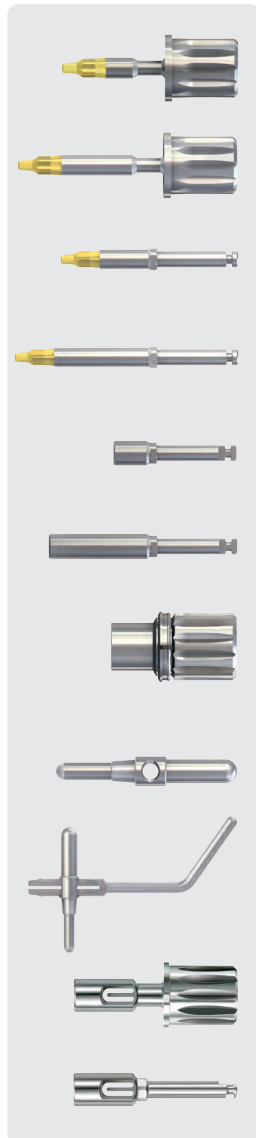
### SKY Drill extension

 REF SKY-DV12

Dimensions in mm



## Surgical tools



SKY TK mounter for ratchet short  
**REF SKY-STK5**

SKY TK mounter for ratchet long  
**REF SKY-STK6**

SKY TK mounter for contra-angle short  
**REF SKY-WTK5**

SKY TK mounter for contra-angle long  
**REF SKY-WTK6**

miniSKY insertion instrument for contra-angle  
short **REF mSKYXWM6**

miniSKY insertion instrument for contra-angle  
long **REF mSKYXWM7**

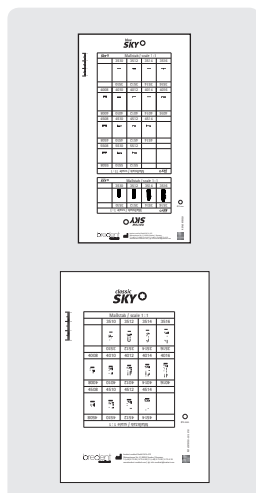
SKY Connector for contra-angle  
**REF SKYTWCN**

Parallel indicator with conical and cylindrical side,  
thicker central area with hole for protection against  
accidental dropping  
**REF SKY-PI22**

SKY fast & fixed angulation aid set 35°  
**REF SKYFFS35**

whiteSKY mounter for ratchet  
**REF SKYC-SM6**

whiteSKY mounter for ratchet  
**REF SKYC-WM6**



blueSKY / narrowSKY X-ray-templates

Scale 1:1 **REF bSKYMS01**

Scale 1.12:1 **REF bSKYMS12**

Scale 1.26:1 **REF bSKYMS26**

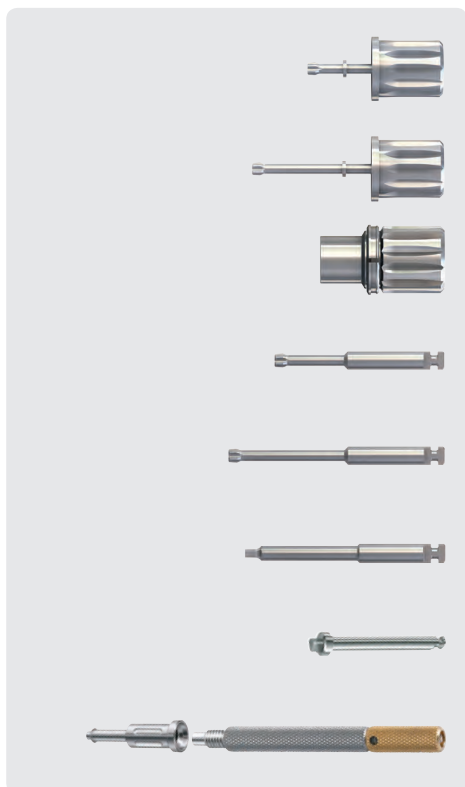
SKY classic X-ray-templates

Scale 1:1 **REF kSKYMS01**

Scale 1.12:1 **REF kSKYMS12**

Scale 1.26:1 **REF kSKYMS26**

## Prosthetic tools



SKY prosthetic key short  
**REF SKY-SD16**

SKY prosthetic key long  
**REF SKY-SD25**

SKY Connector for contra-angle  
**REF SKYTWCON**

SKY prosthetic key for contra-angle short  
**REF SKY-SD22**

SKY prosthetic key for contra-angle long  
**REF SKY-SD28**

Screwdriver Alle 0.9 for transversal screw-retention  
**REF 310W0106**

Locator® mounter for contra-angle  
**REF LOCZWED6**

Locator® Instrument  
**REF LOCZINST**



SKY Torque Wrench pro  
Precise display of the torques from 10 to 45 Ncm  
**REF SKYTWPRO**

**SKY Laboratory handle incl. SD-22**

- Work end for insertion of contra-angle handpieces
  - Work end for ball head screw (corresponds to SKY-SD21)
- REF SKY-SD80**

**SKY Universal forceps**

- titanium nitrite-coated grip surface
  - Holding of implants and abutments
  - Oral securing of the prosthetic key
- REF SKY-SD60**

**SKY Key holder**

- Oral securing of the prosthetic key
- REF SKY-SD65**

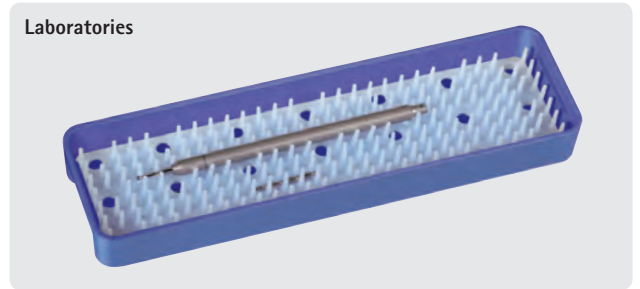
**Practice**



With the SKY prosthetic case for practice, the necessary wrench is always to hand in your practice.

The prosthetic case is equipped with the Torque-Wrench pro and the long and short SKY prosthetic keys as standard.

**Laboratories**



With the SKY prosthetic case for laboratory, the necessary wrench is always to hand in your laboratory.

The prosthetic case is equipped with the laboratory handle and the prosthetic key for the contra-angle handpiece as standard.

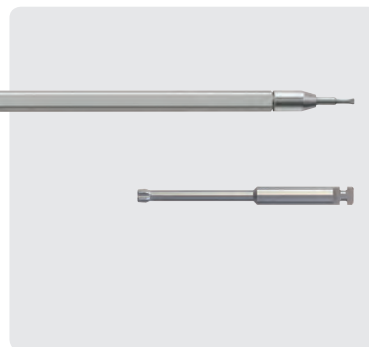
**SKY prosthetic assortment practice REF SKYPET10**



- Content:**
- SKY Torque Wrench pro
  - SKY prosthetic key short
  - SKY prosthetic key long

The following products can be ordered separately as desired.

**SKY prosthetic assortment laboratories REF SKYPET20**

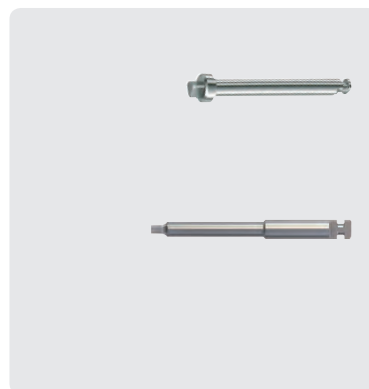


- Content:**
- SKY laboratory handle
  - SKY prosthetic key for contra-angle

The following products can be ordered separately as desired.



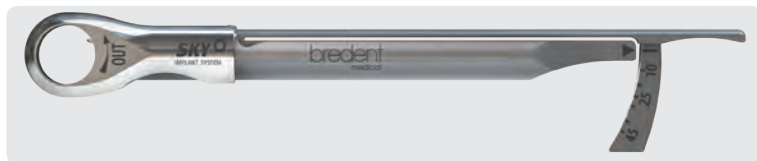
- SKY prosthetic key for ball head attachments REF SKY-SD21
- SKY Connector for contra-angle REF SKYTWCON
- Screwdriver Allen 0.9 for transversal screw-retention SKY 310W0106
- SKY Key holder REF SKY-SD65



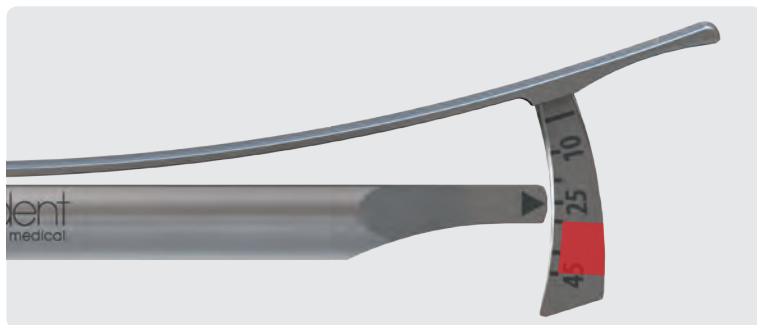
- Locator® mounter for contra-angles REF LOCZWED6
- Screwdriver, Allen screw 0.9 for transversal screw retention SKY 310W0106

# Accessories and instruments for the SKY implant lines

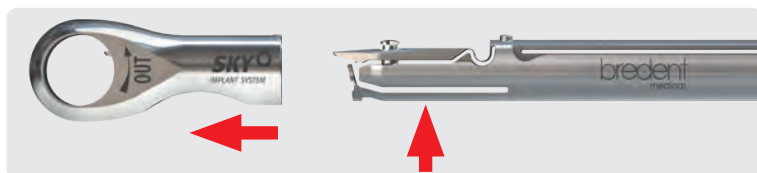
## Torque Wrench pro



SKY Torque Wrench pro set  
incl. SKY connector  
Precise display of the torques from 10 to 45  
Ncm  
**REF SKYTWSET**



- Gingiva former and impression abutment (10 Ncm)
- SKY fast & fixed / uni.cone copings (18 Ncm)
- All SKY abutments (25 Ncm)
- Range for primary stability for immediate restoration  
30 – 45 Ncm (40 Ncm for improved orientation)



- Easy to clean:
- The head separates easily from the handle using  
finger pressure
  - Easy to reassemble after cleaning
  - Done



- SKY connector
- For contra-angle handpiece instruments
  - Snaps firmly into the ratchet by pushing with your  
thumb
  - Easy to remove by pushing with your thumb

## CPS Cordless Prosthodontic Screwdriver

### How much time do you spend loosening and fixing implant screws?

You can save app. 50 % of the time using the CPS.

### Are you sure that your screws are always the correct tightness?

With CPS there will be no screw loosening due to wrong torque.

### Can you reach your palatinal screws easily?

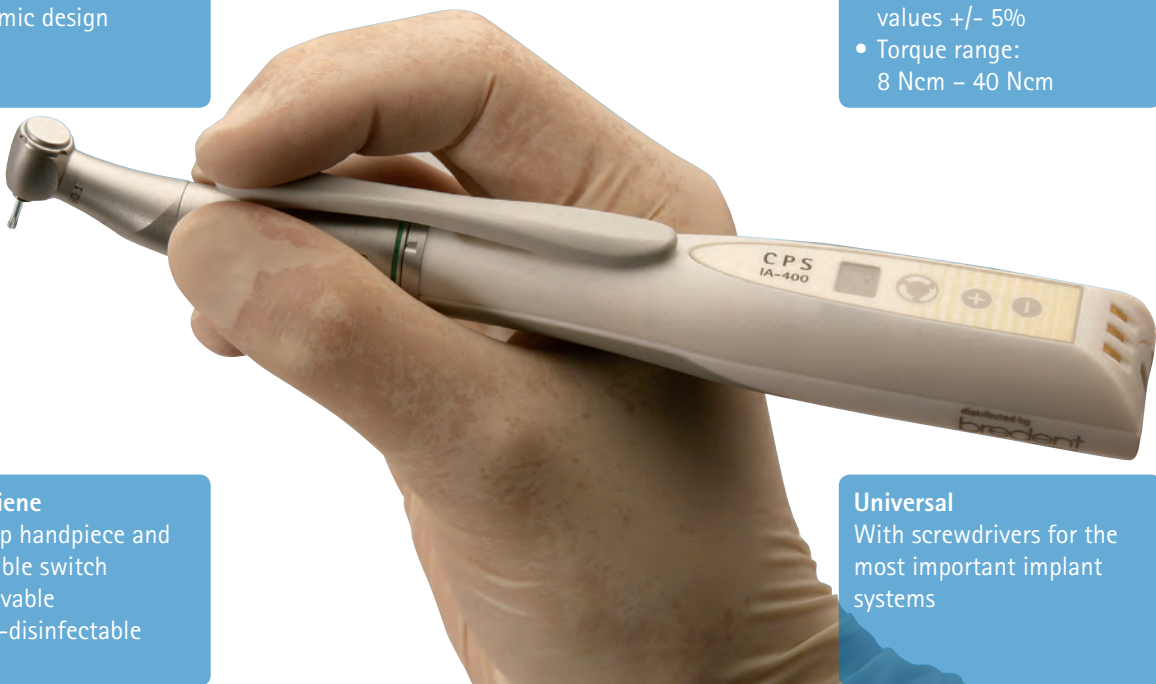
With CPS you have perfect access to all sites because it is cordless.

#### Perfect Handling

- cordless
- ergonomic design

#### Highest precision

- Precision of torque values +/- 5%
- Torque range: 8 Ncm – 40 Ncm



#### Best hygiene

- Non-slip handpiece and removable switch
- autoclavable
- thermo-disinfectable

#### Universal

With screwdrivers for the most important implant systems

CPS Cordless Prosthodontic Screwdriver  
+ Full Range Driver-Kit  
REF 580 CPS 40

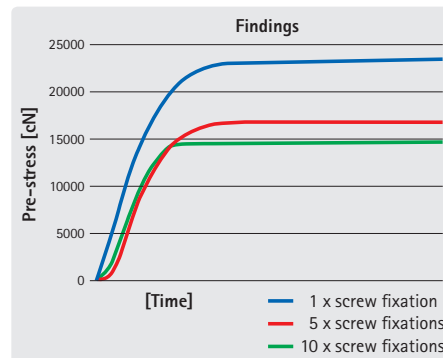
#### Full Range Driver-Kit

Hexagon (Inch)	0.03	0.05			
Hexagon (mm)	0.9	1.0	1.2	1.8	2.5
Torx (mm)	SKY	5.5	6.0		
Slot (mm)	1.6	2.0			

# Accessories and instruments for the SKY implant lines

## Screws

In two posters presented at the SKY Meeting 2012, Dr. Wentaschek from the University of Mainz illustrated how Pretension can be significantly reduced by repeatedly tightening the screw. Pretension is the decisive crucial factor for the implant-abutment connection. It is therefore recommended that the appropriate laboratory screws are used in the laboratory, in order to prevent screw loosening. These results can be transferred to the recall. In this case, we recommend replacement of the screws when the abutment is removed for cleaning.



Source: S. Wentaschek et al.: Reibungskoeffizient und Vorspannung beim Implantat-Abutment-Schraubenverbindungen [Coefficient of friction and pre-tension in implant abutment screw connections]; Scientific Book SKY Meeting 2012; S. 54-55; bredent medical GmbH & Co. KG, ISBN 978-3-00-038740-1

Repeatedly tightening the screws reduces pretension by up to 40%.



REF	SKY-PS22	SKYLPS22	SKYFFSPK	SKYFFLPK	SKYUFTS9
Description	SKY screw 2.2	SKY lab screw 2.2 grey	SKY fast & fixed / uni.cone screw M1.4 für Proesthetic coping	SKY fast & fixed / uni.cone screw M1.4 grey	SKY fast & fixed / uni.cone Transversal screw Hexagon 0.9
pieces	6	10	6	10	6
Screw length / mm	9.0	9.0	5.3	5.3	2.5
Thread	M 1.8	M 1.8	M 1.4	M1.4	M 2x0.25
Head Ø / mm	2.2	2.2	2.21	2.1	2.0
Material	Ti*	Ti*	Grade 5 titanium	Grade 5 titanium	Grade 5 titanium
SKY prosthetic key	✓	✓	✓	✓	✓



REF	m2SKYS22	m2SKYL22
Description	mini²SKY screw	mini²SKY lab screw brown
pieces	6	10
Screw length / mm	4.7	4.7
Thread	M 1.6	M 1.6
Head Ø / mm	2.2	2.2
Material	Grade 5 titanium	Grade 5 titanium
SKY prosthetic key	✓	✓



REF	COPASM16	COPALM16
Description	copaSKY screw	copaSKY lab screw
pieces	1	1
Screw length / mm	6.5	6.5
Thread	M 1.6	M 1.6
Head Ø / mm	2.2	2.2
Material	Ti*	Ti*
SKY prosthetic key	✓	✓

Ti\*=  
Grade 4 KV titanium

## Torques for SKY prosthetics

SKY cover screw SKY gingiva former	25 rpm	10 Ncm	
SKY impression abutments	25 rpm	10 Ncm	
SKY temp SKY uni.cone SKY fast & fixed Prosthetic screw	25 rpm	18 Ncm	
SKY abutments	25 rpm	25 Ncm	 <p>Image on a very small scale</p>

## Torques for miniSKY prosthetics

miniSKY Gingiva former impression abutments Scan abutment	25 rpm	10 Ncm	
miniSKY abutments	25 rpm	20 Ncm	







## Torques for copaSKY prosthetics

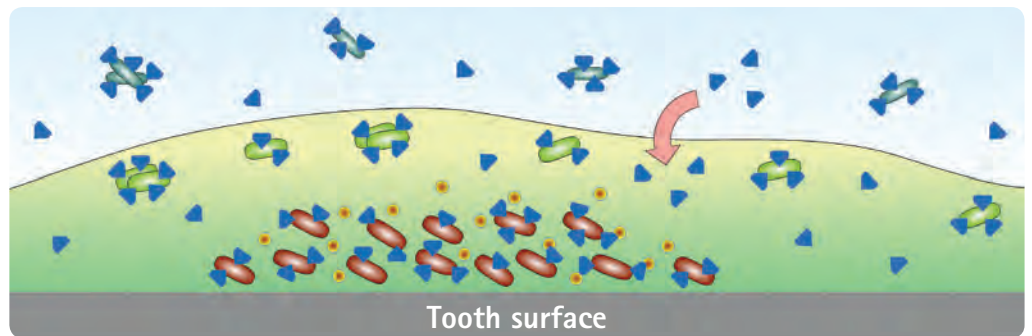
copaSKY Gingiva former impression abutments	25 rpm	10 Ncm	
copaSKY abutments	25 rpm	25 Ncm	

## HELBO® Treatment – modern treatment

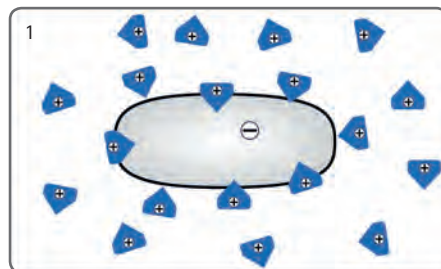
With HELBO® Treatment you can quickly relieve your patients from these inflammations/infections or prevent disturbances to wound healing. The light also accelerates the healing process and has a proven analgesic effect. The treatment integrates exceptionally into existing treatments offered by breident medical. HELBO® therefore ensures treatment success in the context of immediate restoration of whole jaws with SKY fast & fixed or even of individual tooth gaps with SKY elegance. HELBO® can also be combined perfectly with bone replacement materials, membranes or even collagen fleeces in the case of augmentative measures and socket preservation. The HELBO® treatment can be assigned to adequately trained assistants to reduce the workload for the dentist.

Singlet oxygen destroys pathogenic bacteria. The proposed treatment is based upon the marking of the bacterial wall using light-sensitive dye molecules, which diffuse into the biofilm from the Photosensitizer. The dye molecules are then activated using laser light and transfer their energy into local oxygen. This creates highly-aggressive singlet oxygen, which destroys more than 99 percent of the bacteria in the biofilm. An efficacy rate as high as this would be unthinkable using conventional treatment methods. The publications and studies carried out with the HELBO system can be found at: <http://www.helbo.de/de/wissenschaft/>

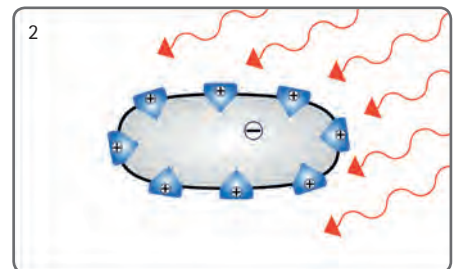
-  Planktonic bacteria
-  Bacteria actively growing in the biofilm
-  Persisting bacteria in the biofilm
-  Photosensitizer (light-sensitive dye)
-  Biofilm matrix
-  Quorum Sensing signal molecules



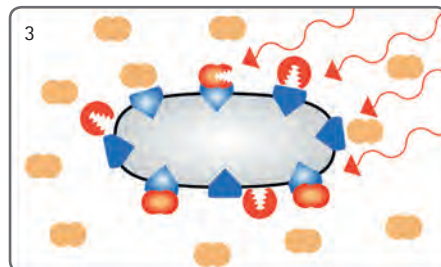
### How it works



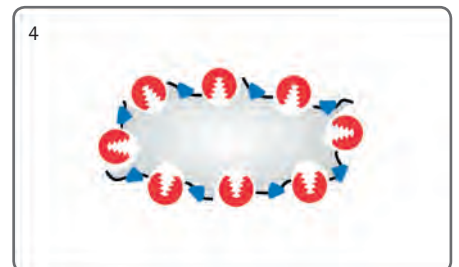
1 Accumulation of light-sensitive photosensitizers on the bacterial membrane



2 Exposure and stimulation of the photosensitizers with the HELBO®TheraLite Laser



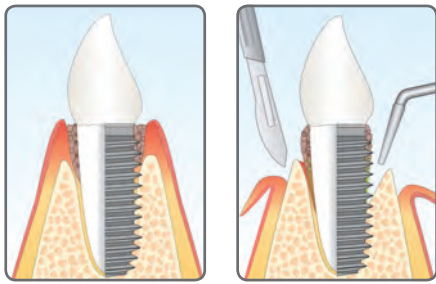
3 Reaction with oxygen, image of aggressive singlet oxygen



4 Damage to bacterial membrane: destruction of the micro-organisms



## Areas of application

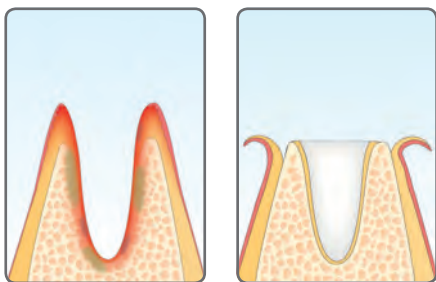


Periodontitis / Periimplantitis  
(closed/surgical procedure)

HELBO® therapy is used in initial and maintenance treatment. Depending on the severity of the disease and accessibility, the procedure is carried out by means of a closed or surgical procedure. Studies confirm that the inflammation subsides, healing is promoted and the probe depth is reduced with this treatment.



Image:  
Dr. Tilman Eberhard, Schwäbisch Gmünd



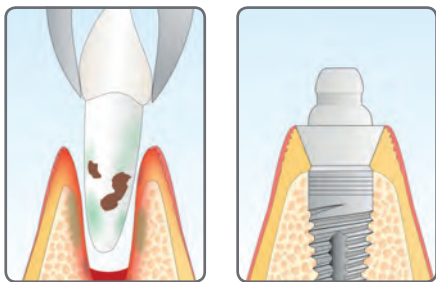
Disinfection of the  
alveoli

Socket preservation

Teeth are most often removed due to bacterial inflammations. In terms of aesthetics and additional measures such as immediate or even delayed implantation, it is particularly important to disinfect the extraction alveolus accordingly. Collapsing of the vestibular bone lamella can be avoided when using together with suitable materials (e.g. TIXXU®PROTECT collagen fleece).



Image:  
Dr. Jörg Neugebauer, Landsberg am Lech



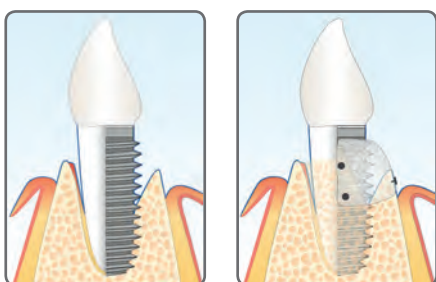
Disinfection of the  
alveoli

Immediate implantation

During immediate implantation, HELBO® therapy, as a disinfecting measure following tooth extraction, can visibly reduce the occurrence of complications for single tooth restorations (e.g. with SKY elegance) and for full arch restorations (e.g. with SKY fast & fixed).



Image:  
Dr. Jörg Neugebauer, Landsberg am Lech



Disinfection

Augmentation

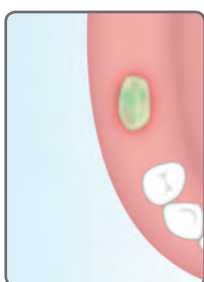
Chronic inflammations frequently lead to bone loss. Before augmentative measures are carried out, the hard and soft tissue infected with bacteria is decontaminated using HELBO®. The bone defect is then filled with bone replacement material (such as TIXXU® GRAFT) and covered with a membrane (e.g. TIXXU® CONTROL). By using this procedure, the risk of inflammation is reduced and controlled regeneration is enabled.



Image: Dr. Sigurd Hafner, Munich



Image: Dr. Sigurd Hafner, Munich



Bone necroses

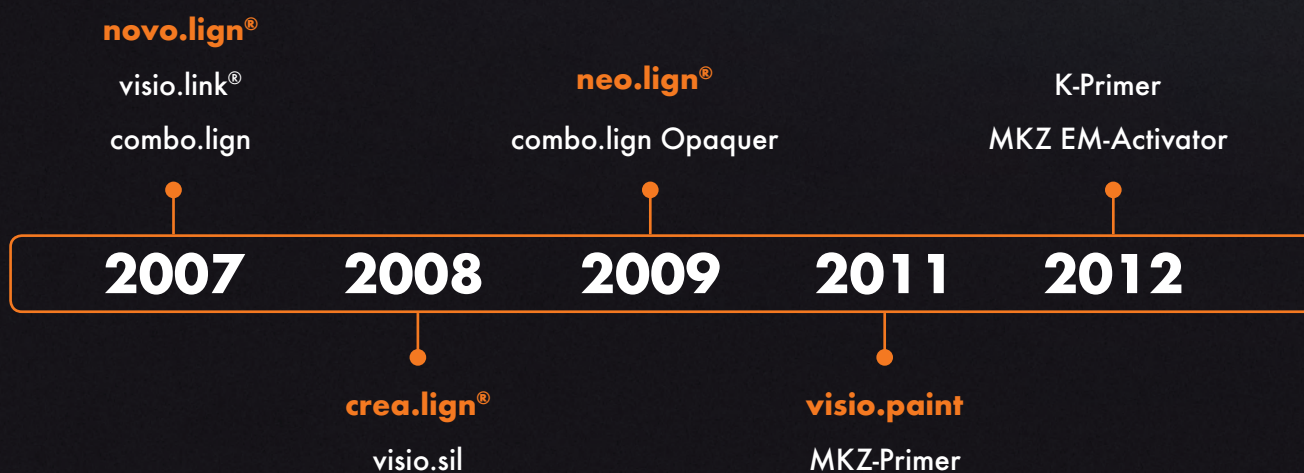
Intraoperative staining of the biofilm with sterile *Photosensitizer* enables contamination on bones and soft tissue to be visualised and the area to be disinfected using laser radiation. This results in improved wound healing and ensures the success of the surgical measures.



Image:  
Dr. Sigurd Hafner, Munich

# visio.lign®

The aesthetic and functional system



<p>Coating</p>  <p><b>crea.lign®</b></p> 	<p>Milling</p>  <p><b>CAD/CAM</b></p> 
<p>Veneering</p>  <p><b>novo.lign®</b></p> 	<p>Setting up</p>  <p><b>neo.lign®</b></p> 
<p>Painting</p>  <p><b>visio.paint</b></p> 	<p>Bonding</p>  <p><b>primer/bonder</b></p> 

Global market leader\*  
in physiological veneers

**2013** CAD/CAM blanks  
L-Design  
(novo.lign® & neo.lign®)

**2014** crea.lign® Paste

**2016** crea.lign® Paste GUM

**2017**

\* 6800 users  
1,2 Mio. restorations

## Chipping repair kit



Following repair with crea.lign® composite

### Instances of chipping are restored easily and quickly

- Primer works together with all prosthetic materials
- crea.lign® incisal masses and dentine (in A2 and A3 for covering in 80% of all cases)
- 100 treatments with a single chipping repair kit
- No hydrofluoric acid necessary

### Chipping Repair Kit for Dentists REF CLIGNSETA

contains crea.lign® composite in colours A2/A3 including 4 primers and consumables.



### Intraoral application

- "mouth approved": approved for intraoral application
- Chipping repair for all veneer materials
- "What you see is what you get": result is immediately visible and adjustable - no kilning required
- Rapid repair in situ: direct and simple

### Permanent repairs with no loss of quality

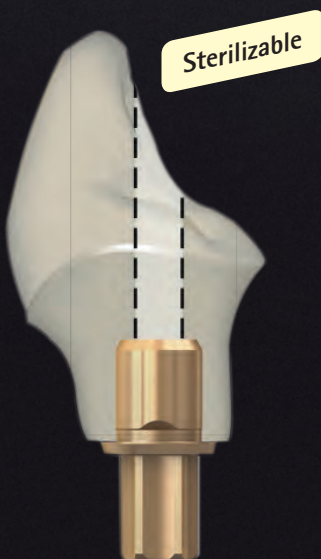
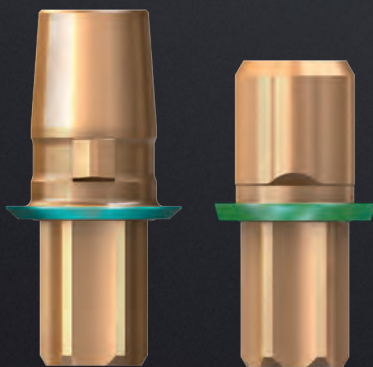
- Material is approved for permanent repairs
- No loss of aesthetics: no colour differences and no "repair transitions" can be detected
- No loss of mechanical properties
- The result is at "supra-ceramic level"

## Full Range Bonding Kit



### The neat solution for all prosthetic materials

Simple and safe cleaning is ensured by the application of FGP insulation varnish on the parts to be bonded. Areas of inflammation due to adhesive residues are a thing of the past.



Sterilizable

### Full Range Bonding Kit

Primer for all prosthetic materials

- Titanium, zirconium, NPM – MKZ primer
- Ceramic, lithium disilicate – K primer
- PMMA, composite, BioHPP – visio.link

DTK adhesive

- Opaque (colour A2 / A3) for bonding titanium bases with ceramic abutments or crown abutments – no dark shadows impair the result
- Transparent for bonding ceramic abutments and crowns – no impairment of the translucence.

**bredent REF 5400bond**


**bredent medical REF 5800bond**

## Implants


### narrowSKY

	3.5 N	nSKY3508	nSKY3510	nSKY3512	nSKY3514	nSKY3516
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>


### blueSKY

	4.0	bSKY4008	bSKY4010	bSKY4012	bSKY4014	bSKY4016
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	4.5	bSKY4508	bSKY4510	bSKY4512	bSKY4514	—
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	5.5	bSKY5508	bSKY5510	bSKY5512	—	—
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### SKY classic

	4.0	kSKY4008	kSKY4010	kSKY4012	kSKY4014	kSKY4016
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	4.5	kSKY4508	kSKY4510	kSKY4512	kSKY4514	—
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### miniSKY

	2.8	—	—	m2SKYL10	m2SKYL12	m2SKYL14
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	3.2	—	m2SK3208	m2SK3210	m2SK3212	m2SK3214
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2.8	m1SKYL06	—	m1SKYL10	m1SKYL12	m1SKYL14
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### whiteSKY

	3.5	—	SKY3510C	SKY3512C	SKY3514C	SKY3516C
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	4.0	SKY4008C	SKY4010C	SKY4012C	SKY4014C	SKY4016C
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	4.5	SKY4508C	SKY4510C	SKY4512C	SKY4514C	—
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### whiteSKY Prosthetic coping

3.5		4.5	
4.0	<input type="checkbox"/>		<input type="checkbox"/>
	SKYCPK40		SKYCPK45

Stamp

Date ..... Signature .....

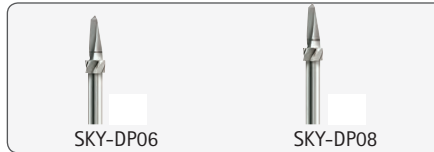
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## Surgical and prosthetic instruments

### Bone bur / Drill extension / Parallel indicator



### Pilot drill



### Twistdrill



### Drill for hard bone



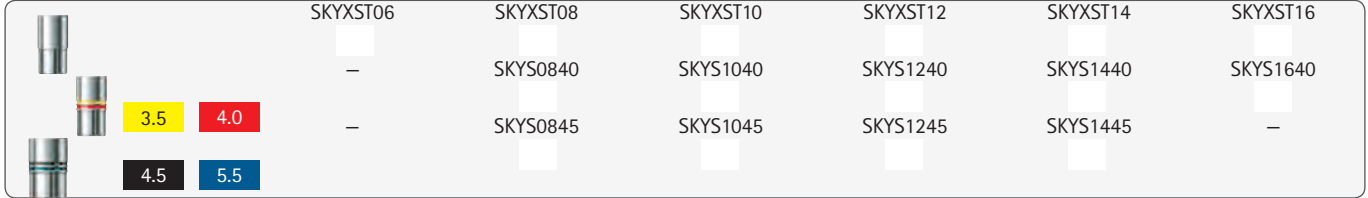
### Drill for medium hard and soft bone



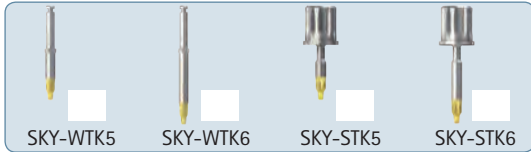
### Crestal drill



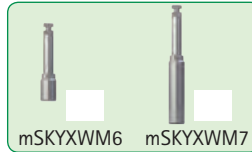
### Depth stop



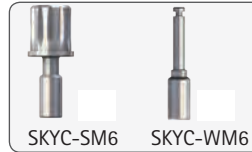
### Implant mounting tool SKY



### miniSKY



### whiteSKY



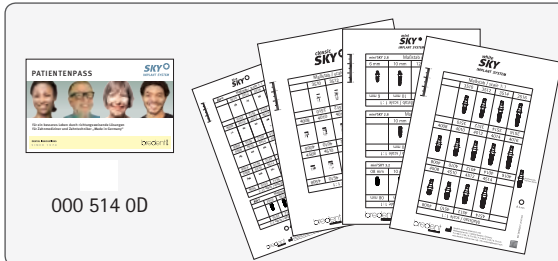
### SKY prosthetic key



### SKY Torque Wrench pro



### Patient passport / X-ray-templates



### blueSKY/narrowSKY

SKY classic  
miniSKY  
whiteSKY

### bSKYMS01

kSKYMS01  
mSKYMS01  
SKYMS01C

### bSKYMS12

kSKYMS12  
mSKYMS12  
SKYMS12C

### bSKYMS26

kSKYMS26  
mSKYMS26  
SKYMS26C

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## Prosthetics - Immediate and late restoration

For narrowSKY approved prosthetic components  
rose gold anodised

Prosthetic components not suitable or  
not approved for narrowSKY

### BioHPP SKY elegance Immediate restoration



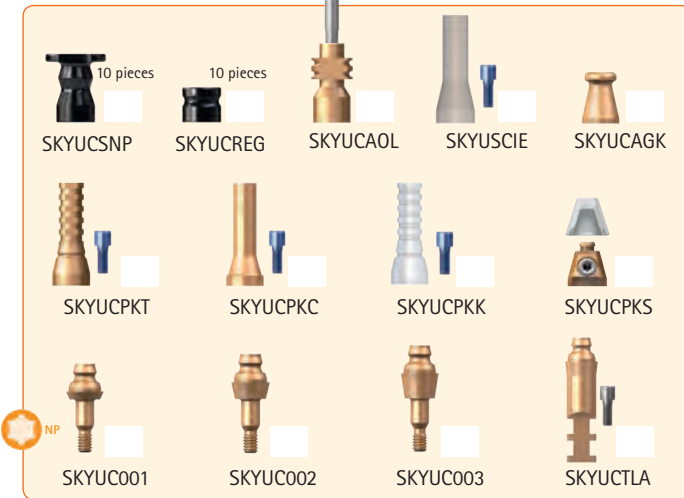
### BioHPP SKY elegance titanium base



### BioHPP SKY elegance prefab set



### SKY uni.cone



### SKY fast & fixed



### Angulation aid set 35°



### SKY locking pin



## Individual solutions for CAD/CAM - conventional

### SKY uni.fit CAD/CAM solutions / individual abutments



### SKY prefab titanium set



### SKY castable abutment



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## Classic implantology

### Implant analog



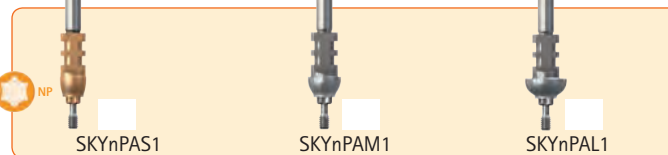
### SKY abutment selection set



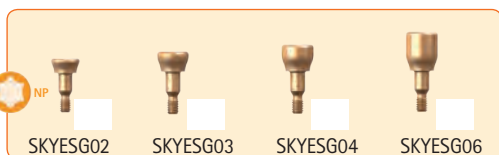
### SKY temp



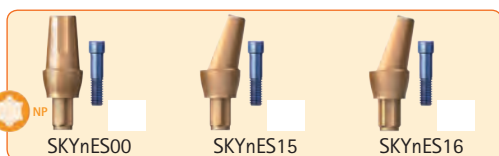
### SKY impression abutments



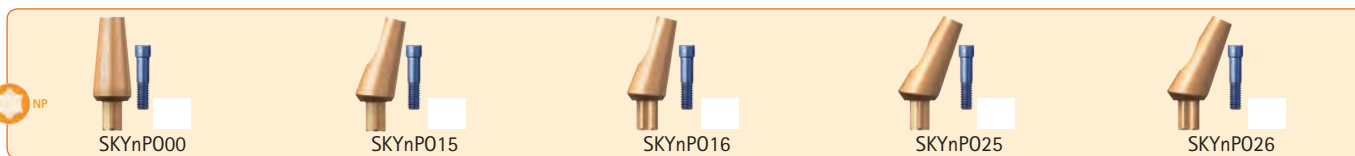
### SKY esthetic gingiva former



### SKY esthetic abutments



### SKY Titanium abutments



### SKY prosthesis fixation

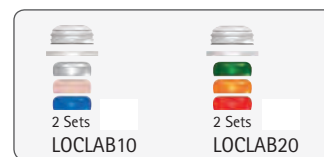
#### SKY Locator



#### SKY Locator anglet



#### SKY Locator



#### TiSi.snap



#### TiSi.snap anglet



#### retention.sil



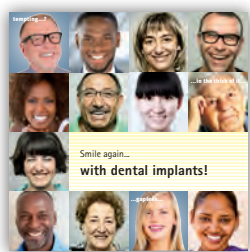
Stamp

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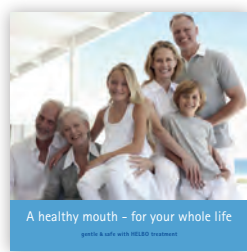
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## Always keep your patients well informed

Request patient information for our treatments now free of charge. Use it to always keep your patients up to date.



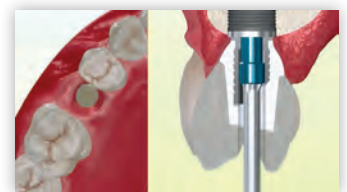
Patient brochures  
Smile again  
REF 000 540 GB



Patient brochures  
HELBO®  
REF 000 484 GB

## Treatments explained simply

Watch our treatments in a video on YouTube. Tell your patients on your website or in the waiting room. Request the videos from [marketing-medical@bredent.com](mailto:marketing-medical@bredent.com).



Late implantation and immediate restoration



Delayed implantation and immediate restoration



Immediate implantation and immediate restoration



SKY fast & fixed - 3D animation



The conventional bridge - and then...

This QR code takes you straight to the videos



Link to the videos

[www.youtube.com/bredentgroup](http://www.youtube.com/bredentgroup)

## Demonstration model

Request SKY fast & fixed demonstration model and use it to explain the treatment to your patients.



Cross-section model  
SKY fast & fixed  
with nerve course  
REF 590 ZMFF 1

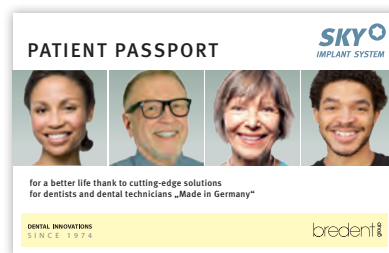
Cross-section model  
SKY fast & fixed  
with nerve course, gingiva mask  
and temporary bridge  
REF 590 ZMFF 3



## Patient passport

Request the bredent medical passport and create genuine added value for your patients. bredent medical offers a lifetime guarantee on SKY Implants with original SKY prosthetic abutments. Moreover, bredent medical ensures that the components required for the preservation and aftercare of any SKY implant will be available over many years.

Patient passport  
REF 000514GB



Implant & Prosthetics - Upper jaw					Implant 5				Implant 6				Implant 7				Implant 8			
	Implant 1	Implant 2	Implant 3	Implant 4																
Region - ICD system																				
Bone quality																				
Implant																				
Date of implantation																				
Date of surgery																				
Diagnose of edentulous restoration																				
Abutment																				
REF:																				
LOF:																				
Screw retention	<input type="checkbox"/> Transversal occlusal	<input type="checkbox"/> Transversal occlusal	<input type="checkbox"/> Transversal occlusal	<input type="checkbox"/> Transversal occlusal	<input type="checkbox"/> Transversal occlusal	<input type="checkbox"/> Transversal occlusal	<input type="checkbox"/> Transversal occlusal	<input type="checkbox"/> Transversal occlusal	<input type="checkbox"/> Transversal occlusal	<input type="checkbox"/> Transversal occlusal	<input type="checkbox"/> Transversal occlusal	<input type="checkbox"/> Transversal occlusal	<input type="checkbox"/> Transversal occlusal	<input type="checkbox"/> Transversal occlusal	<input type="checkbox"/> Transversal occlusal	<input type="checkbox"/> Transversal occlusal	<input type="checkbox"/> Transversal occlusal	<input type="checkbox"/> Transversal occlusal	<input type="checkbox"/> Transversal occlusal	<input type="checkbox"/> Transversal occlusal

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...gapless...  
REF OPO 201G B



...gapless... Version 2  
REF OPO 202G B



...in the thick of it...  
REF OPO 205G B



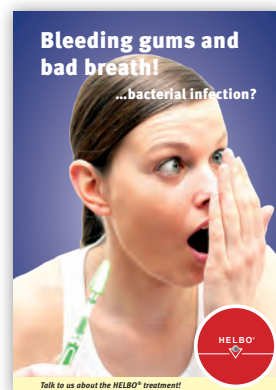
...in the thick of it... Version 2  
REF OPO 204G B



tempting...?  
REF OPO 203G B



tempting...? Version 2  
REF OPO 200G B



...bacterial infection  
REF OPO 210G B



...bacterial infection Version 2  
REF OPO 220G B

## The Compendium

A variety of practical cases, both scientifically and clinically documented, complete with illustrations. Discover new approaches to restorative treatments and take away ideas that you can use in your own practice or laboratory. Interesting and exciting contents in all four Scientific & Clinical Cases, complete with university prefaces.



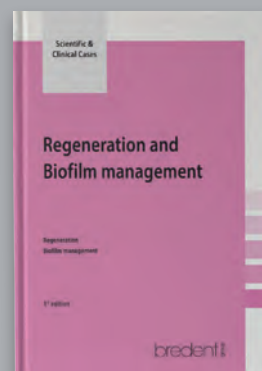
available in  
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English REF 992 975 GB



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- Immediate single-tooth restoration
- Regeneration and Biofilm management


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## Literature presentation



Immediate restoration with reduced number of implants


 REF 992 9710 D


 REF 992 971 GB

Authors: Dr. Georg Bayer  
Dr. Frank Kistler  
Dr. Steffen Kistler  
Stephan Adler  
Dr. Jörg Neugebauer



The guide to modern implant prosthetics


 REF 992 9700 D


 REF 992 970 GB

Authors: Dr. Manfred Lang



The implantation simulator


 REF 992 9690 D


 REF 992 969 GB

Authors: Dr. Manfred Lang



Sinuslift


 REF 992 9680 D


 REF 992 968 GB

Authors: Dr. Manfred Lang



Scientific Book 2012

 REF 992 9740 D

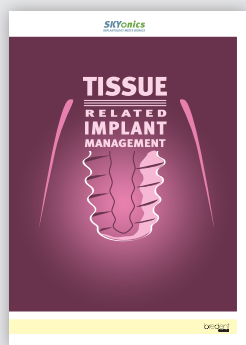
 REF 992 974 GB



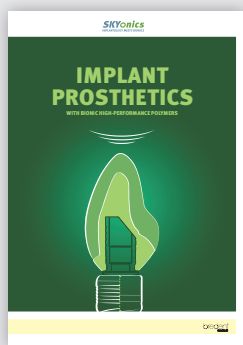
[www.bredent.com/literatur](http://www.bredent.com/literatur)  
On this page you will find a bibliography.



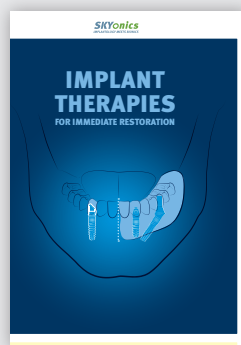
Other offers that may be of interest



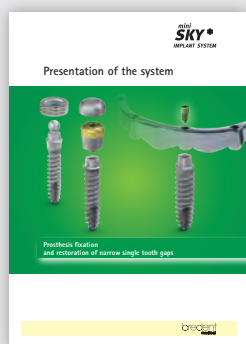
Tissue related management  
REF 009913GB



Implant prosthetics  
REF 009912GB



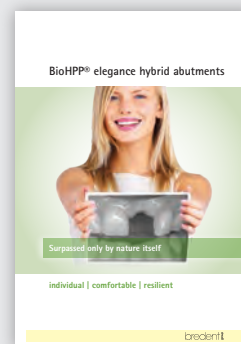
Immediate restoration  
REF 000200GB



Presentation of the system miniSKY  
REF 009910GB



BioHPP - The reference  
REF 000 547 GB



BioHPP elegance hybrid abutments  
REF 000 534 GB



HELBO®-Treatment  
REF 000 429 GB

Mistake and subject to change reserved  
000250GB-20171201

