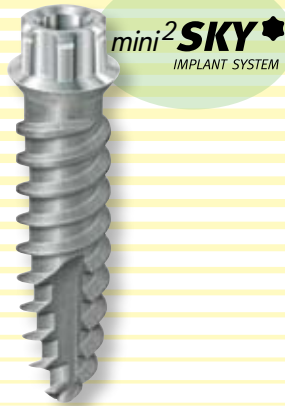


miniSKY



Flexible, safe, minimally invasive and simple

miniSKY



The use of diameter-reduced implants is strongly recommended for certain indications.

With miniSKY we offer you an implant system that is perfectly matched to these indications and results in better quality of life for your patients with just a few components, a modern surface and an advanced and simple prosthetic concept.

miniSKY can be used as a one-piece implant with ball head or as a two-piece implant as well.

Quality of life in later years



Use miniSKY implants to ensure reliable fixation of the denture and improve the quality of life of your older patients who lost their teeth quite some time ago.

All clinical studies ¹ and tests have shown that inadequate fit of restorations reduces the quality of life of patients considerably.

Persons at the age of 70 or older have been edentulous over numerous years and, as a result, the ridge has become very narrow and placement of standard implants always requires complex surgical procedures, such as bone splinting, etc.

Moreover, frequently the general state of health of these patients does not permit major surgical treatment. The diameter-reduced mini¹SKY implants are perfectly suited for these patients since they allow minimally invasive placement. In numerous cases not more than a small incision to control the bone width is required.

The soft line denture worn during the healing phase enables the patient to enjoy enhanced retention of the denture.

At the end of treatment, the happy patient is able to eat, speak and enjoy life without any limitations.

mini¹SKY
IMPLANT SYSTEM



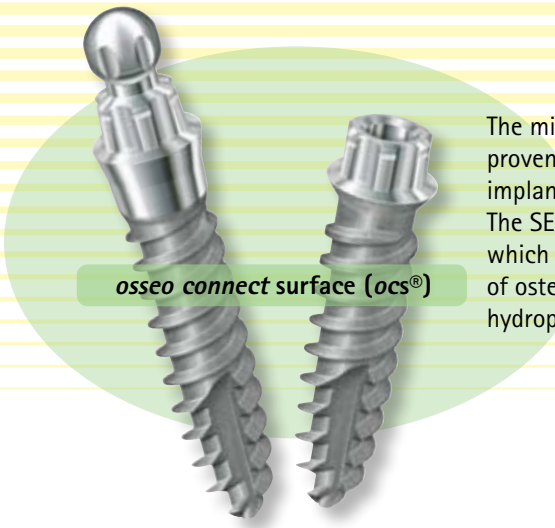
Andreas Saal, dentist, Hamburg

Numerous scientific tests demonstrate that more than 70 % of full and partial dentures in patients over 70 are inadequate and reduce quality of life considerably. These persons can be easily treated with miniSKY implants and an implant-supported denture. In my practice I was able to recognize that the general state of health of these grateful patients also improved substantially.

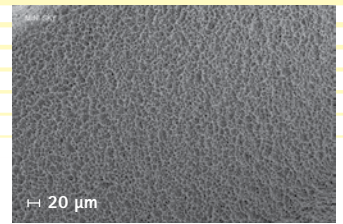
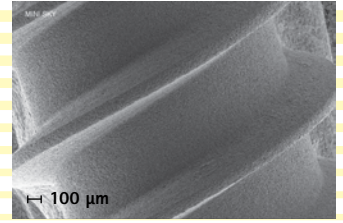
¹ Literature:

Müller, Frauke / Nitschke, Ina Der alte Patient in der zahnärztlichen Praxis Quintessenz Verlags-GmbH, Berlin 1. Auflage 2010.
Steele et al.: How do age and tooth loss affect oral health impacts and quality of life? A study comparing two national samples.
Millwood and Heath: Food choice by older people. Gerodontology 2000.

miniSKY diameter-reduced implants - State of the Art



The mini'SKY and mini²SKY Implantate feature the proven *osseo connect surface (ocs®)* of the blueSKY implants to ensure fast and reliable osseointegration. The SEM photos show the uniformly rough surface which provides ideal preconditions for the apposition of osteoblasts, which is supported by the exceptional hydrophilic properties of the implants.



miniSKY - Technical data

Three-step functional design

- Cortical relief
- Central stabilization
- Special tip

- Platform diameter 3.1 mm
- External thread 2.8 mm
- Self-tapping thread
- Titanium grade IV, cold-formed
- Double thread

Transgingival difference

mini'SKY

- Penetration profile through gingiva at the implant

mini²SKY

- Penetration profile through gingiva at the abutment

miniSKY MD abutments with automatic divergence compensation

MD = multi divergent

Divergence compensation by shortening the abutments

- The enclosed prosthetic cap facilitates modelling of the restoration
- Utmost precision of stress-free bonding in situ

Narrow gaps



The high precision torx ensures perfect transfer of force from the abutment into the implant and thus reduces the stress on the screw in a way to guarantee the durability of the connection.

Thanks to transgingival healing using a prefabricated or individual gingiva former, a second surgical procedure can be avoided.



Photos: Dr. Ghirlanda, Rome

Temporary implant

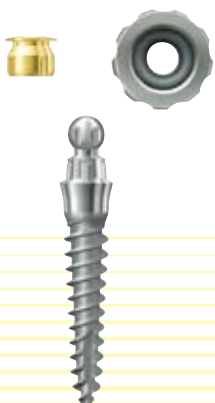
Atraumatic insertion and permanent primary stability make the miniSKY implants ideal for splinting the whiteSKY implants during osseointegration to avoid any micromovement in free-end situations. In most cases, our patients are willing to accept the temporary titanium implant.

Splinting is done using composite layered on glass fiber bands and can be compared to a plaster cast.



Photos: Dr. Siewert, Clinica Somosaguas, Madrid

Fixation of dentures

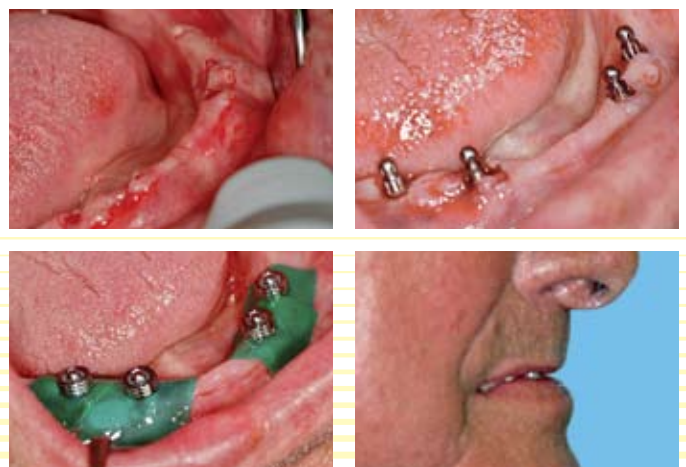


Fixation of dentures on miniSKY with

- SKY precious metal matrix
- SKY O-ring matrix

Note

Before exposure to stress, it must be ensured that osseointegration of the implants is fully achieved in such cases.



Photos: Dr. Saal, Hamburg

Esthetics for young patients



The use of the mini2SKY implant and simple prosthetic components allows safe and fast fabrication of an esthetic and durable restoration for narrow gaps in the dentition.

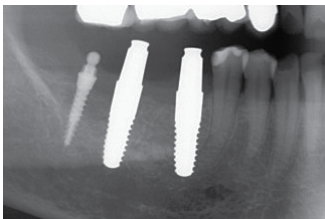
mini²SKY
IMPLANT SYSTEM



mini2SKY is suitable to fabricate an esthetic restoration for small gaps in the upper jaw, lateral incisors and missing teeth in the lower anterior region. I consider it an advantage that the high external torx only permits one-piece restorations since this way patients can be spared a second surgical procedure. The precision torx allows perfect transfer of force from the abutment into the implant so that a durable implant-abutment connection is guaranteed. However, I still make sure that the crown is out of occlusion when it is exposed to stress.

Dr. Giovanni Ghirlanda,
Rome

miniSKY as a temporary implant



As a temporary implant - as a one- or two piece implant, miniSKY can also exploit its strengths since the three-step functional design and the bone quality-oriented protocol ensure outstanding primary stability and allow immediate loading so that it can be used to protect implant restorations requiring extensive augmentation or zirconium implants in free-end situations or edentulous ridges.

mini¹SKY
IMPLANT SYSTEM



In free-end situations, temporary placement of mini1SKY implants now allows to protect the one-piece whiteSKY implants during osseointegration. For this purpose the ceramic implants are connected with the titanium implant and the adjacent tooth and thus protected against undefined stress during the healing phase.

Dr. Bernd Siewert,
Clinica Somosaguas, Madrid

miniSKY as a planning implant



Short mini1SKY implants as fixed reference points (FRP) ensure utmost precision during planning. The handling is also impressive since the drilling template can be easily and quickly removed and precisely fastened again and again.

mini¹SKY
IMPLANT SYSTEM

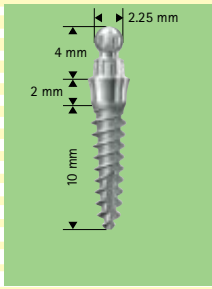


mini1SKY FRP can be used as an auxiliary implant to fix the scan template and the drilling template and to achieve high precision during the implementation of planning in the edentulous or partially edentulous ridge. Moreover the mini1SKY FRP can also be used for fixation of the denture during the planning phase. As a result numerous problems of other planning systems are avoided.

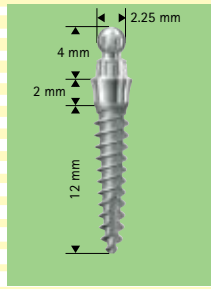
See separate brochure, REF 000 298 GB.

Dr. Michael Weiss,
OPUS-DC Ulm

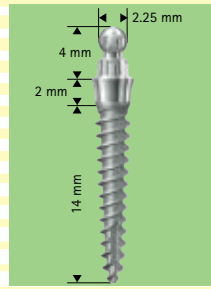
Information on ordering – mini¹SKY



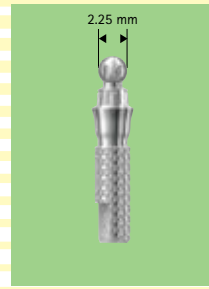
mini¹SKY
Ø 2.8 mm, L10 mm
REF m1SKYL10



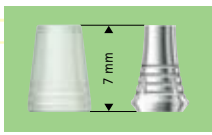
mini¹SKY
Ø 2.8 mm, L12 mm
REF m1SKYL12



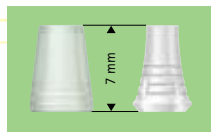
mini¹SKY
Ø 2.8 mm, L14 mm
REF m1SKYL14



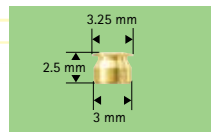
mini¹SKY
Implant analog
REF m1SKYXIA



mini¹SKY
MD abutment, titanium
REF m1SKYMDT



mini¹SKY
MD abutment, BioXS
REF m1SKYMDB

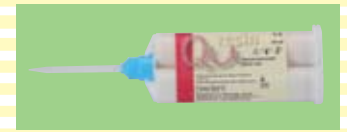


SKY
Precious metal matrix
REF SKYGM225



SKY
O-ring
REF SKY-OR50

Treatment concepts



Qu-resin, sterilizable, quick setting and self-curing fixation system

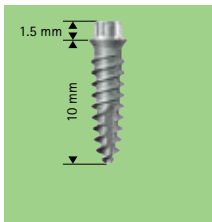
Qu-resin, dentin
50 ml

REF 540 0116 2

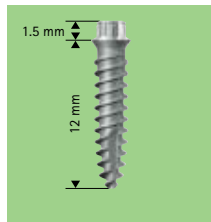
Qu-resin, pink
50 ml

REF 540 0116 1

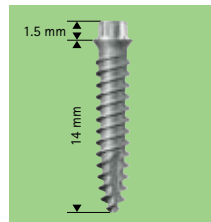
Information on ordering – mini²SKY



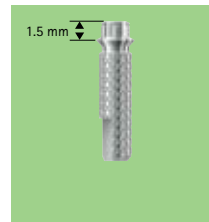
mini²SKY
Ø 2.8 mm, L10 mm
REF m2SKYL10



mini²SKY
Ø 2.8 mm, L12 mm
REF m2SKYL12



mini²SKY
Ø 2.8 mm, L14 mm
REF m2SKYL14



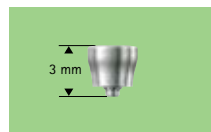
mini²SKY
Implant analog
REF m2SKYXIA



mini²SKY
MD abutment, titanium
REF m2SKYMDT

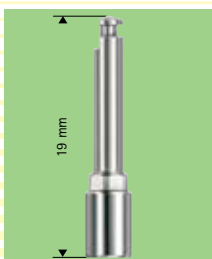


mini²SKY
MD abutment, BioXS
REF m2SKYMDB

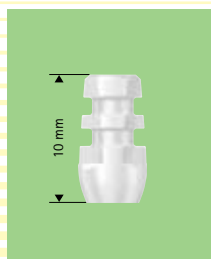


mini²SKY
Gingiva former
REF m2SKYGF3

Information on ordering



miniSKY insertion
instrument, contra-angle
REF mSKYXWM6



miniSKY
Impression abutment
REF mSKYXPA0

