



SINGLE PART IMPLANTS

IMMEDIATE LOADING
DENTAL IMPLANT
SYSTEM
KOS[®] MINI

THE ADVANTAGES

OF THE ENDOSSEOUS DENTAL IMPLANT SYSTEM **KOS® MINI**

KOS® MINI implants are inserted into the bone self-tapping and under bone compression. The implants have a design-related high stability in soft as well as dense bone. Full osteotomy is not required for implantation as the implants are inserted into small pilot holes. Different matrices for individual retention allow up to 30° axial divergence between two implants. The original retention can be restored by replacing the O-ring.

The prescribed or recommended tightening torques for implants can be found on our website:

www.implant.com/en/downloads

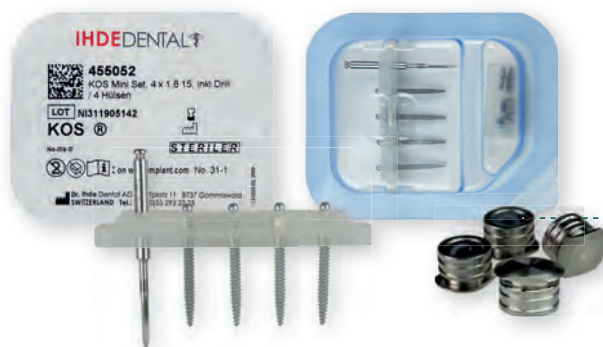
Immediate loading
in the lower jaw is
mostly possible

Minimally invasive
procedure

Usually no bone
augmentation
necessary

Cost effective for the
patient and dentist

Comes in a
convenient set of
four implants incl.
accessories





Wide range
of sizes

Enossal length 10 - 18 mm
Enossal Ø 1.8 - 2.8 mm

Recovery of the
original retention
by replacing the
O-ring

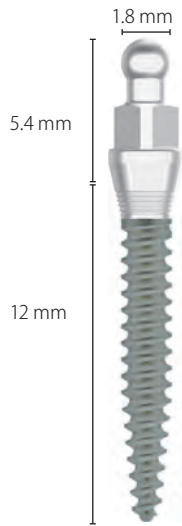


No-Itis®
Laser Surface

The new surface treatment for Dr. Ihde Dental AG implants is created with the latest generation of robotic tools for laser ablation. This new technology of high precision creates roughness in the implant through a mesh of hemispherical micrometric pores, with a defined, always identical size and shape and with a symmetrical distribution. The result is a more adequate topography, which provides the most suitable conditions for the osseointegration of the implant, but at the same time it is, and behaves like, a smooth surface at a micrometric (cellular) level. This means that while bone grows well on this surface, the adhesion of bacteria to the same surface is significantly reduced.

A smooth
surface that, in
contact with the bone,
is shaped like a
rough surface

KOS® MINI IMPLANTS



KOS Mini 1.8 12

Enossal Ø	Enossal length	Material	Height above bone	Max. insertion torque
1.8 mm	10 mm	Ti6AL4V	5.4 mm	25 Ncm
	12 mm			
	15 mm			
2.4 mm	12 mm	Ti6AL4V	5.4 mm	40 Ncm
	15 mm			
	18 mm			
2.8 mm	12 mm	Ti6AL4V	5.4 mm	60 Ncm
	15 mm			
	18 mm			

KOS® MINI SET 1.8 10

REF	Price cat.
KOS® Mini 1.8 10 (4 pieces)	
Drill for KOS® Mini DS ø 1.3 mm	
455050	Q
Sleeve and O-ring (set of 4)	

KOS® MINI SET 1.8 12

REF	Price cat.
KOS® Mini 1.8 12 (4 pieces)	
Drill for KOS® Mini DS ø 1.3 mm	
455051	Q
Sleeve and O-ring (set of 4)	

KOS® MINI SET 1.8 15

REF	Price cat.
KOS® Mini 1.8 15 (4 pieces)	
Drill for KOS® Mini DS ø 1.3 mm	
455052	Q
Sleeve and O-ring (set of 4)	

KOS® MINI SET 2.4 12

REF	Price cat.
KOS® Mini 2.4 12 (4 pieces)	
Drill for KOS® Mini DS ø 1.9 mm	
455053	Q
Sleeve and O-ring (set of 4)	

KOS® MINI SET 2.4 15

REF	Price cat.
KOS® Mini 2.4 15 (4 pieces)	
Drill for KOS® Mini DS ø 1.9 mm	
455054	Q
Sleeve and O-ring (set of 4)	

KOS® MINI SET 2.4 18

REF	Price cat.
KOS® Mini 2.4 18 (4 pieces)	
Drill for KOS® Mini DS ø 1.9 mm	
455055	Q
Sleeve and O-ring (set of 4)	

KOS® MINI SET 2.8 12

REF	Price cat.
KOS® Mini 2.8 12 (4 pieces)	
Drill for KOS® Mini DS ø 2.3 mm	
455056	Q
Sleeve and O-ring (set of 4)	













KOS® MINI SET 2.8 15

REF	Price cat.
KOS® Mini 2.8 15 (4 pieces)	
Drill for KOS® Mini DS ø 2.3 mm	
455057	Q
Sleeve and O-ring (set of 4)	

KOS® MINI SET 2.8 18

REF	Price cat.
KOS® Mini 2.8 18 (4 pieces)	
Drill for KOS® Mini DS ø 2.3 mm	
455058	Q
Sleeve and O-ring (set of 4)	

ACCESSORIES

	Description	Working length	Code	REF	Price cat.
	Drill for KOS® Mini ø 1.3 mm	15 mm		455318	C
	Drill for KOS® Mini ø 1.9 mm	18 mm		455319	C
	Drill for KOS® Mini ø 2.3 mm	18.4 mm		455320	C
	Insertion tool short 12 mm		IT K KOS® Mini	462376	D
	Insertion tool long 20 mm		IT K KOS® Mini	462374	D
	Insertion tool Two-part, for manual insertion		IT H KOS® Mini	462375	D
	Torque wrench 10 - 70 Ncm		TW2	425402	S
	Impression post KOS® Mini Pack of 4			462117	A
	Analogue KOS® Mini Pack of 4			462116	A
	Sleeve KOS® Mini For polymerizing into the prosthesis, delivery with inserted O-ring			462113	B
	O-ring For sleeves REF 462113 for replacement Pack of 4			462114	B
	Depth-measurement-probe for KOS® Mini			462115	A

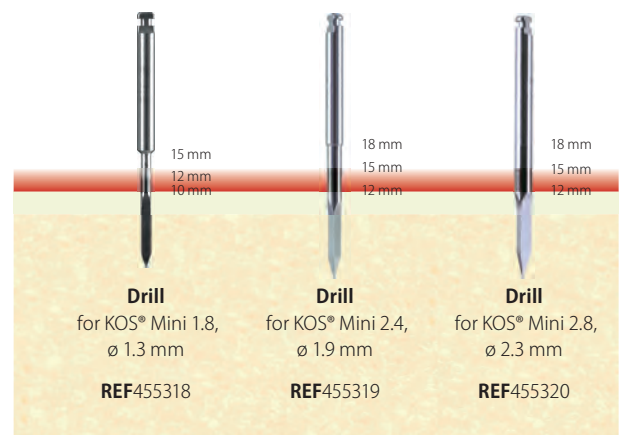
SURGERY

1. Drilling and drill depth

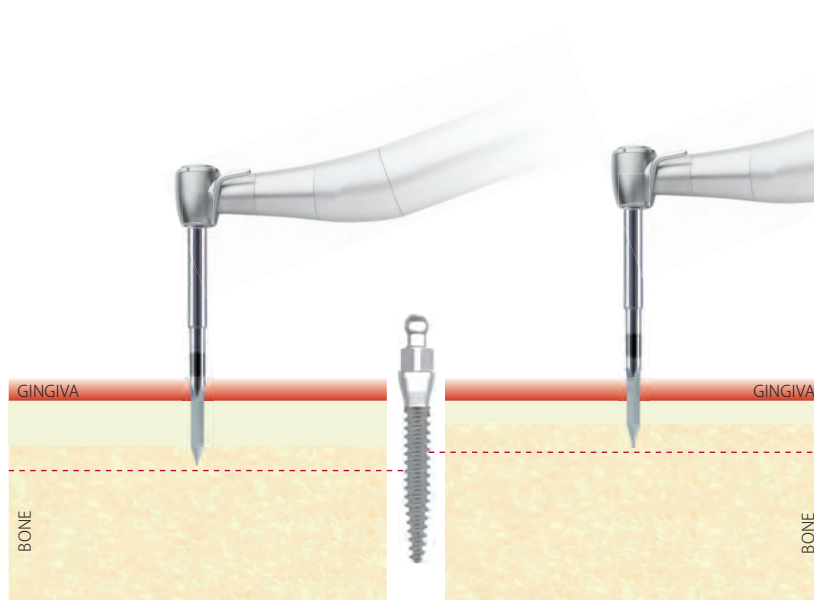
KOS® Mini implants are inserted into the bone with self-tapping and with bone compression. As a rule, an undersized pilot hole is sufficient.

Recommended drill-speed: min. 3.000 Rpm, with sufficient cooling and intermittent drilling technique.

Note regarding hard bone: The torque must not exceed 45 Ncm during insertion. Should this be the case, the implant must be rotated out and the drilling depth extended to 2/3 of the implant length.

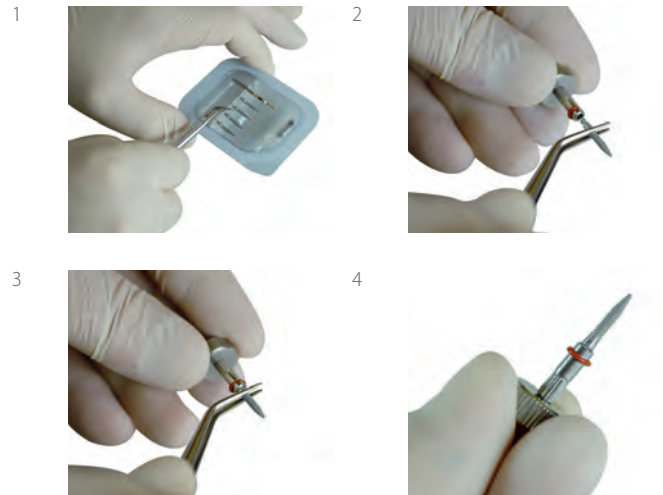


Drilling in hard bone:
1/2 of the endosseous
implant length



Drilling in soft bone:
1/3 of the endosseous
implant length

2. Removing the implant from the package



Same procedure with REF462374 / REF462376!

3. Insertion and placement



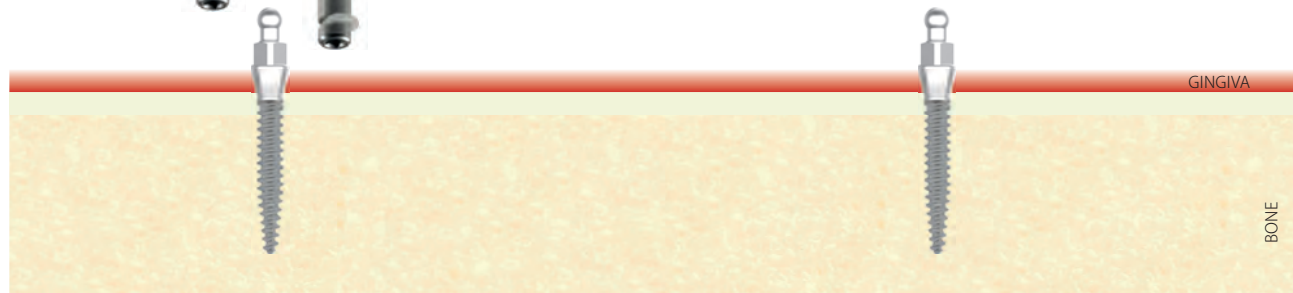
IT K
KOS® Mini
(short, 12 mm)
REF462376



IT K
KOS® Mini
(long, 20 mm)
REF462374



IT H KOS® Mini
for manual insertion
REF462375



We are certified according to DIN EN ISO 13485 and Annex II of Directive 93/42 EEC.
 The product dimensions shown in this brochure may differ from reality for technical reasons.
KOS® is a registered trademark. Pat. Pend.

If implants are reprocessed, there is a risk of the development of infections, because no validated method for processing exists.
 Implants therefore may not be reprocessed.

COMPILATION AND EXPLANATION OF SYMBOLS ON THE PACKAGING:



Batch No.



Sterilized by radiation



Non-sterile



Intended for use by dentists or surgeons only



Single use product



Instruction for use



Expiry date



Store in a dry place



Store tightly keep closed



Do not use if packing is damaged



Do not resterilize



Manufacturer



Production date



Catalogue number

(The products of this catalogue are CE marked (class I) and CE 1936 marked (class IIa and IIb) according to 93/42/EC Directive).

Commercial products that are not monitored by our notified body are declared as third-party products.

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