



# Nº 15

**IMPLANTS**

# Dear practice - dear laboratory team!

Dr. Ihde Dental has been a reliable partner for over 60 years providing a wide range of consumables and implant systems. We supply dentists and dental technicians with precisely coordinated materials and systems, which are easy and reliable to use. We always ensure high quality and an excellent price-performance ratio so that you can guarantee all-round treatment for your patients that is cost-effective and highly efficient.

The following catalog gives you an overview and all the essential information about our implant systems. You can also contact us personally any time using the hotlines provided.

Further information can be found on our websites:

[www.implant.com](http://www.implant.com)  
[www.ihde-dental.de](http://www.ihde-dental.de)  
[www.boi.ch](http://www.boi.ch)

## The company...

...was founded in 1954 in Berlin by the dental technician Klaus Ihde. The company relocated to Bavaria in the 1960s. At the end of the 1980s Dr. Ihde Dental GmbH (Germany) and Dr. Ihde Dental AG (Switzerland) were formed from the Klaus Ihde retail company. Ihde Dental is now represented in three locations in Europe.

The company group is one of the most innovative implant companies in the world – based on new developments and patents issued or pending.

## The core activities...

...of Ihde Dental are the development, procurement and distribution of medical products. We use a large number of suppliers in consumables, but we have produced implants in our own factory for many years. All components are manufactured quickly, precisely and economically thanks to state-of-the-art production technology and well-equipped machinery.

## Our partners

Users and customers provide us with many new ideas and excellent suggestions. Collaboration with our customers is extremely important to us. Contact us at any time if you have any improvements or questions. Your ideas and opinions help us all to meet the daily wishes of patients to a greater and better extent. We also put the needs of the patient first.

## Our market performance and work ethic

Since it was founded, the company has focused on innovative ideas and advanced technology, premium quality, an excellent price-performance ratio, optimal patient and user friendly products and durability. Our range combines the latest findings from research and practices in many countries around the world.

## Customer orientated for us means: Available for you!

### Dr. Ihde Dental AG

Dorfplatz 11  
CH - 8737 Gommiswald / SG  
Tel. +41 (0)55 293 23 23  
Fax +41 (0)55 293 23 00  
[contact@implant.com](mailto:contact@implant.com)

### Dr. Ihde Dental GmbH

Erfurter Str. 19  
D - 85386 Eching / München  
Tel. +49 (0)89 319 761-0  
Fax +49 (0)89 319 761-33  
[info@ihde-dental.de](mailto:info@ihde-dental.de)

- Our implants are distributed to trained and qualified customers for implantation
- We optimize the price-performance ratio by continually optimizing products, so that we are always able to provide profitability for our customers
- We eliminate unnecessary organizational costs due to flat hierarchies
- We are constantly optimizing our processes in terms of cost-effectiveness
- We provide training courses, refresher courses and user advice
- We provide customers with comprehensive and technically sound advice.
- We also visit you in your practice on request

**Call us to arrange an appointment  
or send us an e-mail**

HDE DENTAL



S-SYSTEM

PAGE 7

BONE LEVEL PLUS®

PAGE 25

PLACE®

PAGE 32

HEXACONE®

PAGE 41

XIGN®

PAGE 54

KOS®

PAGE 66

BCS®

PAGE 88

**LATERAL IMPLANTS**

**PAGE 98**

**ACCESSORIES**

**PAGE 107**

**CONSUMABLES**

**PAGE 120**

**INFORMATIONS**

**PAGE 125**

LATERAL IMPLANTS

ACCESSORIES

CONSUMABLES

PRICE LIST & INFORMATIONS

NEW



## No-Itis<sup>®</sup>

### The innovative implant surface

Implants with the new No-Itis<sup>®</sup>-surface are double-sandblasted and then etched under heat. As final step an electro-chemical staining will be applied and this last step of the surface preparation smoothens small wells (up to around 5 Micrometers) in the surface. Smooth implants (e.g. systems BCS, BOI) receive the final surface treatment without any prior sandblasting or etching.

This surface, which is new in dental implantology, is extremely clean and keeps bacteria off the implant. This surface has been proven successful in traumatology for a long time. The reduction of roughness on the surface helps preventing peri-implantitis.

During the insertion of the implants the smoother surface reduces heat and thereby less torques is necessary and less heat develops. All other parameters like the drilling sequence etc. remain unchanged.

**Implants featuring the new No-Itis<sup>®</sup> surface will replace our implants with osmoactive<sup>®</sup> packaging.**

**A difference to the displayed No-Itis<sup>®</sup> implant-colour has no impact on the quality.**

## Osmoactive<sup>®</sup>

### The clever implant surface

The enossal surfaces of our sandblasted respectively hot etched implants are delivered in a concentrated saline solution. This leads to a restabilisation of the osmotic conditions around the implant.

This re-stabilizes the osmotic environment around the implant, which is made of pure titanium, and counteracts the leaching of the bone that invariably occurs as a result of the drilling process, even if saline solution (0.9%) or Ringer's lactate have been used for irrigation – the concentration of NaCl ions is much higher in the bones than in the blood.

Another effect: the coated implant surface has a bacteriostatic effect, i.e. the bacteria in the mouth cannot survive on its surface.

Osteoblasts, by contrast, like osmoactive surfaces and usually attach to it. Experiments have shown that these cells show uninhibited growth on salty surfaces and easily adhere to them, favouring the direct formation of woven bone.

# S-SYSTEM



## The Allfit® S implant system (SSO®, STO®, STW®)

is a system for enossal dental implantation. All implants consist of pure titanium (Ø 4.8, 4.1 mm) or highly break-proof titanium alloy (Ø 3.3 mm, STO®) Ti6Al4V ELI, are double sandblasted on the enossal part and etched in a high-temperature process. Osmoactive® packaged.

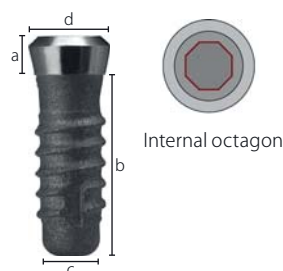
The drilling sequences for this system can be found in our system application.

Mandatory, respectively recommended fastening torques for implants, abutments and fastening screws can be found on [www.implant.com/de/instructions](http://www.implant.com/de/instructions)

You could not find a specific implant system or a certain product in this catalog?  
Please have a look at [www.shop-implant.com](http://www.shop-implant.com)

## ALLFIT® SSO® - IMPLANTS

### Octagonal system



- a) esthetic head: 1.8 mm
- b) enossal length: from 7 mm
- c) enossal Ø: 3.3/4.1/4.8 mm
- d) head-Ø: 4.8 mm

Perfectly manufactured implant. Double blasted on the enossal section.  
 SSO: Strengthened titanium alloy (Ti6Al4V ELI) according to ASTM F 136/ISO 5832- 3or  
 SSO RT: Pure titanium medical grade 4 according to ASTM F67 / ISO 5832-2.  
 Successful implant with octagon socket and 8° inner cone.  
 For rotationally-secured supra-structures.

SSO® - implant cylindrical		Connection type: Inner cone + internal octagon / head-Ø: 4.8 mm		
Description	enossal Ø	Length	REF	
SSO 3.3 9	3.3 mm	9 mm	420000	
SSO 3.3 11	3.3 mm	11 mm	420001	
SSO 3.3 13	3.3 mm	13 mm	420002	
SSO 3.3 15	3.3 mm	15 mm	420003	

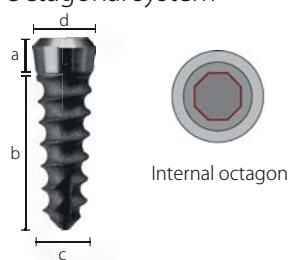
Incl. surgical screw

SSO® RT - implant cylindrical		Connection type: Inner cone + internal octagon / head-Ø: 4.8 mm		
Description	enossal Ø	Length	REF	
SSO RT 4.1 7	4.1 mm	7 mm	420004	
SSO RT 4.1 9	4.1 mm	9 mm	420005	
SSO RT 4.1 11	4.1 mm	11 mm	420006	
SSO RT 4.1 13	4.1 mm	13 mm	420007	
SSO RT 4.1 15	4.1 mm	15 mm	420008	
SSO RT 4.1 17	4.1 mm	17 mm	420009	
SSO RT 4.8 7	4.8 mm	7 mm	420010	
SSO RT 4.8 9	4.8 mm	9 mm	420011	
SSO RT 4.8 11	4.8 mm	11 mm	420012	
SSO RT 4.8 13	4.8 mm	13 mm	420013	

Incl. surgical screw

## ALLFIT® STO® - IMPLANTS

### Octagonal system



- a) esthetic head: 1.8 mm
- b) enossal length: ab 7.0 mm
- c) enossal Ø: 3.7 / 4.1 / 4.8 mm
- d) head-Ø: 4.8 mm

Perfectly manufactured precision implant - double radiated on the enossal section.  
 Strengthened titanium alloy (Ti6Al4V ELI) according to ASTM F 136/ISO 5832-3 or Ti6 Al7 Nb  
 Implant with octagon socket.  
 Compression screw thread for stable enossal anchorage e.g.

STO® - implant conical		Connection type: Inner cone + internal octagon / head-Ø: 4.8mm		
Description	enossal Ø	Length	REF	
STO 3.7 9	3.7 mm	9 mm	420020	
STO 3.7 11	3.7 mm	11 mm	420021	
STO 3.7 13	3.7 mm	13 mm	420022	
STO 3.7 15	3.7 mm	15 mm	420023	
STO 4.1 7	4.1 mm	7 mm	420024	
STO 4.1 9	4.1 mm	9 mm	420025	
STO 4.1 11	4.1 mm	11 mm	420026	
STO 4.1 13	4.1 mm	13 mm	420027	
STO 4.1 15	4.1 mm	15 mm	420028	
STO 4.8 7	4.8 mm	7 mm	420029	
STO 4.8 9	4.8 mm	9 mm	420030	
STO 4.8 11	4.8 mm	11 mm	420031	
STO 4.8 13	4.8 mm	13 mm	420032	
STO 4.8 15	4.8 mm	15 mm	420033	



## FOR SSO®, STO®

## SURGICAL SCREW



Description	Code	REF
Cover screw	CST STI	420300

## GINGIVAFORMER



Description	Code	REF
	for 2 mm mucous membrane height, cylindrical	HS2 STI 420301
Gingivaformer	for 4 mm mucous membrane height, cylindrical	HS4 STI 420302
	for 5 mm mucous membrane height, anatomical	HS5 STI 420303

## TEMPBASE® ABUTMENTS FOR TEMPORARY TREATMENT



Description	Code	REF
TempBase® Abutment	TempBase® for SSO®, STO®, 2 mm mucous membrane height, incl. screw	TPB 2 SSO 420304
	TempBase® for SSO®, STO®, 4 mm mucous membrane height, incl. screw	TPB 4 SSO 420305

Temporary prosthesis base for SSO implants, with anti-rotation protection, PEEK, individually abrasable, including screw. For cemented crowns and bridges. Screw in with **HT 1.25**.

## FOR SSO®,STO®

With octagon (anti-rotation)



Description	Code	REF
Straight, Anti-rotation, screw-in abutment with pre-assembled screw for cemented crowns or bridges. Fasten with <b>TT 1.25</b> .	<b>TLA STO</b>	<b>420306</b>



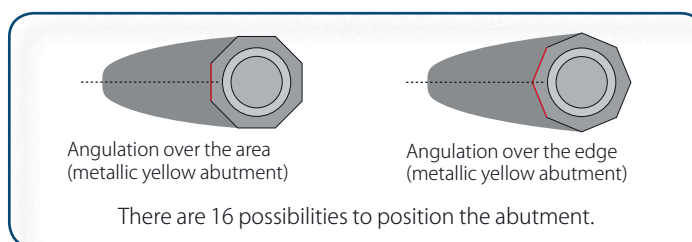
Description	Code	REF
15° angled, anti-rotation, screw-in abutment with pre-assembled screw for cemented crowns or bridges. Fasten with <b>TT 1.25</b> . The angulation of 15° runs <b>axial over the edge</b> of the octagon.	<b>TLA 15 STO</b>	<b>420307</b>
The angulation of 15° runs <b>axial over the area</b> of the octagon ( <b>color: metallic yellow</b> ).	<b>TLA 15F STO</b>	<b>420308</b>



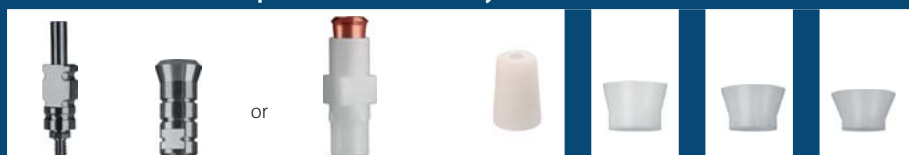
Description	Code	REF
20° angled, anti-rotation, screw-in abutment <b>with pre-assembled screw for cemented crowns or bridges</b> . Fasten with <b>TT 1.25</b> . The angulation of 20° runs <b>axial over the edge</b> of the octagon.	<b>TLA 20 STO</b>	<b>420309</b>



Description	Code	REF
25° angled, anti-rotation, screw-in abutment <b>with pre-assembled screw for cemented crowns or bridges</b> . Fasten with <b>TT 1.25</b> . The angulation of 25° runs <b>axial over the edge</b> of the octagon.	<b>TLA 25 STO</b>	<b>420311</b>
The angulation of 25° runs <b>axial over the area</b> of the octagon ( <b>color: metallic yellow</b> ).	<b>TLA 25F STO</b>	<b>420312</b>



### Impression and laboratory accessories



Code	OLT STO	IA STO	IA O M	PS	PS 15	PS 20	PS 25
REF	<b>420350</b>	<b>420348</b>	<b>420352</b>	<b>420354</b>	<b>420355</b>	<b>420356</b>	<b>420357</b>
	Impression post with pick-up-screw	Lab analogue (inner octa)	Lab analogue with 5 sleeves, straight (inner octagon)	TLA STO, TLA STI 7.4 mm high	Synthetic base cauterizable TLA 15 STO 4 mm high	TLA 20 STO 4 mm high	TLA 25 STO 4 mm high

### Alternative:

Description	Code	REF
Screw SF OLT, short, 14.5 mml for OLT STO 5 pieces/pack	<b>SF OLT</b>	<b>420909</b>

## FOR SSO®, STO®

With conus (without anti-rotation)



Description	Code	REF
One-piece abutment with solid thread, for cemented crowns or bridges, height above implant 6.5 mm, 8° incline. Can be shortened or trimmed. Flat on one side. Direct impression or transfer to lab analogue IA STI. Fasten with <b>HT 1.25</b>	<b>TCA STI</b>	<b>420313</b>

### Impression and laboratory accessories



Code	TS STI	TS 15 STI / TS 25 STI	TSX STI	IA STI	PS	PS 15
REF	<b>420345</b>	<b>420402 / 420401</b>	<b>420411</b>	<b>420347</b>	<b>420354</b>	<b>420355</b>
	Impression post	Transfer post angled	Impression post	Lab analogue, with cone		Plastic-Basis ausbrennbar
	9 mm high	15° / 25°	13 mm high		TLA STO 7.4 mm high	TLA 15 STO 4 mm high

Fasten with **HT 1.25**

Single-piece abutment with a fixed thread; flat on one side for increased rotation stability



Height above implant	Color	Code	REF
4 mm	yellow	<b>SA4 STI</b>	<b>420318</b>
5.5 mm	grau	<b>SA5 STI</b>	<b>420319</b>
7 mm	blue	<b>SA7 STI</b>	<b>420320</b>

6°angle, tighten with **IT TCA** tool

### Impression and laboratory accessories



Code	TZ SA 4, 5, 7	AA SA 4, 5, 7	PA SA	PA SR
REF	<b>420404, 420405, 420406</b>	<b>420324, 420325, 420326</b>	<b>420327</b>	<b>420328</b>
	Color-coded transfer post for SA-abutments	Abutment analogue, used with TZ SA 4, 5, 7	Castable abutment, 10 mm high, reducible	Castable abutment, 10 mm high, reducible
	Use with REF 460230		<b>anti rotation</b>	<b>internally round</b>

## FOR SSO®, STO®

With cone  
(without anti-rotation)



Single-piece abutment with a fixed thread and vertical cement escape grooves

Height above implant	Color	Code	REF
4 mm	yellow	<b>TCA4 STI</b>	<b>420415</b>
5.5 mm	grau	<b>TCA5 STI</b>	<b>420416</b>
7 mm	blue	<b>TCA7 STI</b>	<b>420417</b>

6° angle, tighten with **IT TCA** tool

### Impression and laboratory accessories

<b>Code</b>	<b>AA TCA 4</b>	<b>AA TCA 5</b>	<b>AA TCA 7</b>	<b>MB TCA</b>	<b>PA TCA</b>
<b>REF</b>	<b>420407</b>	<b>420408</b>	<b>420409</b>	<b>420410</b>	<b>420332</b>
	Abutment analogue in combination with TCA 4	Abutment analogue in combination with TCA 5	Abutment analogue in combination with TCA 7	CoCrMo metal base 10 mm high, reducible, for direct ceramic veneering, suitable for soldering and laser-welding	Castable abutment 10 mm high, reducible, white

## TOOL FOR IMPRESSION



Description	REF
Patented gingiva retractor for SSO®, STO®, 4 pieces / pack (use instead of retraction cord). Material: PE (Polypropylen)	<b>460230</b>

## SECONDARY PART SETS

### TLA Set

<b>Code</b>	<b>TLA STO</b>	<b>Gingiva retractor</b>	<b>TZ TLA</b>	<b>AA TLA</b>	<b>PS</b>
<b>REF</b>	<b>420306</b>	<b>460230</b>	<b>420390</b>		<b>420354</b>

### SA Set

<b>Code</b>	<b>SA R STI</b>	<b>Gingiva retractor</b>	<b>TZ SA 7</b>	<b>AA SA</b>	<b>PA SA</b>
<b>REF</b>	<b>420330</b>	<b>460230</b>	<b>420406</b>	<b>420321</b>	<b>420327</b>

## TEMPBASE® PROTECTION CAP



Description	Code	REF
Plastic, white, cementable and augmentable for SA4, TCA 4	<b>CSTK 4</b>	<b>420334</b>
for SA5, TCA 5	<b>CSTK 5</b>	<b>420335</b>
for SA7, TCA 7	<b>CSTK 7</b>	<b>420336</b>

## FOR SSO®, STO®

With octagon (anti-rotation)

external



internal

OCTAGON

Description	Code	REF
Abutment with double-threaded screw and octagon for crowns, bridges and bases. Anti-rotation anchorage of the restoration. Height above implant 1.5 mm. Fasten with <b>HT 1.25</b>	<b>OSA STO</b>	<b>420337</b>

Impression and laboratory accessories									
		or						or	
<b>Code</b> <b>REF</b>	<b>TST STI</b> <b>420339</b>	<b>SF 365</b> <b>420938</b>	<b>SF 415</b> <b>420928</b>	<b>OA STI</b> <b>420340</b>	<b>PAOA</b> <b>420342</b>	<b>PAOR</b> <b>420343</b>	<b>SF 350</b> <b>420930</b>	<b>SF 365</b> <b>420938</b>	
	Transfer post	Screws for anchorage of TST STI		Lab analogue for OSA	white castable abutments 10 mm high 5 pieces/pack		Screws		

With cone (without anti-rotation)

External octagon



CONE

Description	Code	REF	Price cat.
Single-piece and anti-rotational octagonal screw-in abutment; for crowns, bridges and bar connectors. Height above implant: 1.5 mm. Fasten with <b>HT 1.77 / HTX 1.77</b>	<b>OSA STI</b>	<b>420338</b>	<b>D</b>

Impression and laboratory accessories									
		or						or	
<b>Code</b> <b>REF</b>	<b>TST STI</b> <b>420339</b>	<b>SF 365</b> <b>420938</b>	<b>SF 415</b> <b>420928</b>	<b>OA STI</b> <b>420340</b>	<b>PAOA</b> <b>420342</b>	<b>PAOR</b> <b>420343</b>	<b>SF 350</b> <b>420930</b>	<b>SF 365</b> <b>420938</b>	
	Transfer post	Screws for anchorage of TST STI		Lab analogue for OSA	white castable abutments 10 mm high 5 pieces/pack		Screws		



Description	Code	REF
Protective cap, plastic white, screwable, reducible, 5 pieces/pack, for OSA STI or OSA STO. Height above implant: 3.0 mm	<b>CSTO</b>	<b>420344</b>

Impression and laboratory accessories	
<b>Code</b> <b>REF</b>	<b>TS STI</b> <b>420345</b>
	Impression post, fasten with HT 1.25 9 mm high
<b>Code</b> <b>REF</b>	<b>IA STI</b> <b>420347</b>
	Lab analogue with cone
Impression taking directly on the implant, no transfer of the edge. For bridge treatment only	

## ABUTMENTS



Description	Code	REF
TCT SSO 0.5	<b>TCT SSO 0.5</b>	<b>420420</b>
TCT SSO 1.5	<b>TCT SSO 1.5</b>	<b>420421</b>
TCT SSO 2.5	<b>TCT SSO 2.5</b>	<b>420422</b>
TCT SSO 4	<b>TCT SSO 4</b>	<b>420423</b>

for screw-in prosthetics

### Impression and laboratory accessories

Code REF	TST 418147 Transfer post	SFL 420428 Long screw	BTT 418100 TCT-analogue	PSTR (grau) 418124 Castable abutment, 12 mm high. Internally round. 5 pieces/pack	PSTA 418123 Castable abutment, 12 mm high. Internally edged. 5 pieces/pack	SF 418151 Screw for fastening
With this procedure the position of the TCT-Hex is being transferred						

## LOCALICER®

Abutment for removable prosthetics, fasten with **HT 1.77**.



Description	Hight	REF
LOC S 2.5	2.5 mm	<b>420386</b>
LOC S 4	4.0 mm	<b>420385</b>

We recommend to use minimally 6 implants per jaw and to use a single denture as splinting.

## ACCESSORIES FOR LOCALICER®



Description	Code	REF
Instrument for mounting and de-mounting Localicer caps	<b>LOC Tool</b>	<b>462335</b>
Analogue + impression set	<b>AA LOC</b>	<b>462337</b>
Set with 4 caps + housing	<b>NCS</b>	<b>462338</b>
Set of two, yellow, with increased friction strength	<b>R-Cap</b>	<b>462336</b>

Pull-off force: \*black 125 g, red 350 g, blue 500 g, pink 1000 g  
\*Black cap is for temporary solutions up to one month.

## TITAN BASE (FOR CAD CAM)



Description	Code	REF
Titan base for octa system / SSO, Ti6Al4V, ant-rotation Hight 3.9 mm above implant shoulder. Incl. screw SF TLA	<b>MB SSO</b>	<b>463120</b>
Abutment base for STW for zirkonium, Ti6Al4V		<b>463121</b>
Hight 8 mm above implant shoulder	<b>MB8 SSO</b>	<b>463122</b>

## FOR SSO®, STO®

### RETENTIVE BALL ATTACHMENTS



Description	Code	REF
Ball abutment, fits nylon cap NC / NC1 / NC2. Head-Ø 2.5 mm, high above implant 3 mm. Fasten with <b>HT 1.25</b>	<b>TB STI</b>	<b>420361</b>

#### Impression and laboratory accessories

			Nylon cap NC			Nylon cap R-NC with increased friction strength				
Code	IA STI	TS STI	IAB	NC	NC 1	NC 2	R-NC	R-NC 1	R-NC 2	H
REF	<b>420347</b>	<b>420345</b>	<b>420566</b>	<b>465028</b>	<b>465029</b>	<b>465030</b>	<b>465034</b>	<b>465033</b>	<b>465032</b>	<b>465031</b>
	Lab analogue with cone	Transfer post. Fasten with <b>HT 1.25</b>	Ball analogue	ca. 1200 g white	ca. 800 g pink	ca. 500 g yellow	green, strong	pink, medium	orange, soft	Sleeve for all NC



Description	Code	REF
Ball abutment, fits gold cap GC. Head-Ø 2.3 mm, high above implant 3 mm. Fasten with <b>Tool E</b> (alternatively with <b>HAS2</b> ).	<b>TB2 STI</b>	<b>420362</b>

#### Impression and laboratory accessories

Code	IA STI	TS STI	IAB 2	GC
REF	<b>420347</b>	<b>420345</b>	<b>420367</b>	<b>420366</b>
	Lab analogue with cone	Transfer post. Fasten with <b>HT 1.25</b>	Ball analogue	Gold cap



Description	Code	REF
Ball abutment, fits nylon cap NC / NC1 / NC2. Head-Ø 2.5 mm, high above implant 3 mm. Fasten with <b>Tool E</b> (alternatively with <b>HAS2</b> ).	<b>TB3 STI</b>	<b>420363</b>

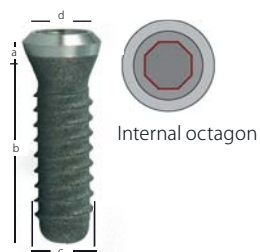
#### Impression and laboratory accessories

			Nylon cap NC			Nylon cap R-NC with increased friction strength				
Code	IA STI	TS STI	IAB	NC	NC 1	NC 2	R-NC	R-NC 1	R-NC 2	H
REF	<b>420347</b>	<b>420345</b>	<b>420566</b>	<b>465028</b>	<b>465029</b>	<b>465030</b>	<b>465034</b>	<b>465033</b>	<b>465032</b>	<b>465031</b>
	Lab analogue with cone	Transfer post. Fasten with <b>HT 1.25</b>	Ball analogue	ca. 1200 g white	ca. 800 g pink	ca. 500 g yellow	green, strong	pink, medium	orange, soft	Sleeve for all NC

## ALLFIT® STW® - IMPLANTS

### Octagonal system

These implants with a **head diameter of 6.5 mm** can be used, if adequate bone is available, for posterior single crowns with the width of one premolar in dentate and partially/fully edentulous ridges as for superstructures retained by bars and ball attachments.



- a) esthetic head: 1.8 mm
- b) enossal length: ab 7.0 mm
- c) enossal Ø: 4.8 mm
- d) head-Ø: 6.5 mm

Perfectly manufactured precision implant with double-sandblasted endosseous section.  
Highly fracture-resistant titanium alloy (Ti6Al4V ELI) according to ASTM F 136/ISO 5832-3.  
Implant with internal octagon and 8° internal cone.  
For anti-rotational superstructures.

STW® - implant cylindrical		Connection type: Inner cone and Inner octa / head - Ø: 6.5 mm		
Description	enossal Ø	Length	REF	
STW 4.8 7	4.8 mm	7 mm	420015	
STW 4.8 9	4.8 mm	9 mm	420016	
STW 4.8 11	4.8 mm	11 mm	420017	
STW 4.8 13	4.8 mm	13 mm	420018	
STW 4.8 15	4.8 mm	15 mm	420019	

## FOR STW®

### SURGICAL SCREW



Description	Code	REF
Surgical screw (Cover screw) for STW implant, non-sterile, 1 piece	CST STW	420370

### GINGIVAFORMER



Description	Code	REF
Gingivaformer for 2 mm mucous membrane height, cylindrical	HS2 STW	420371
Gingivaformer for 4 mm mucous membrane height, cylindrical	HS4 STW	420372



## LOCK - ABUTMENT FOR STW®

With Octagon (anti-rotation)



Description	Code	REF
Straight anti-rotation screw-in abutment with pre-mounted screw, for cemented crowns or bridges. Fasten with <b>TT 1.25</b>	<b>TLA STW</b>	<b>420373</b>



Description	Code	REF
15° angled anti-rotation screw-in abutment with pre-mounted screw, for cemented crowns or bridges. Fasten with <b>TT 1.25</b> . The 15° line angle runs axially across the edge of the octagon	<b>TLA 15 STW</b>	<b>420374</b>

### Impression and laboratory accessories



Code	OLT STW	IA STW	IAO STW M	PA STW	PA 15 STW
REF	<b>420351</b>	<b>420349</b>	<b>420353</b>	<b>420359</b>	<b>420360</b>
	Impression post with pick-up screw. Fasten with <b>HT 1.25</b>	Lab analogue	Lab analogue with 5 sleeves	Plastic base, castable for <b>TLA STW</b>	for <b>TLA 15 STW</b>

### Alternative:

Description	Code	REF
Screw SF OLT, short, 14.5 mm for OLT STW 5 pieces/pack	<b>SF OLT</b>	<b>420909</b>
Replacement screw for TLA abutments of all S-implants	<b>SF TLA</b>	<b>420910</b>

### Solid - Abutment



Flattened on one side for increased rotational stability	Code	REF
Hight above implant 4 mm	<b>SA4 STW</b>	<b>420375</b>
Hight above implant 6 mm	<b>SA6 STW</b>	<b>420376</b>

6° angle, fasten with **HT 1.77**

### Impression and laboratory accessories



Code	TZ SA6 STW	AA SA6 STW	PA STW
REF	<b>420377</b>	<b>420378</b>	<b>420359</b>
	Transfer post for SA6 abutment	Abutment analogue brown, anodized, for TZ SA6 STW	Castable abutment

## RETENTIVE BALL ATTACHMENTS



Description	REF
Ball abutment <b>TB STW</b> , fits nylon cap NC / NC 1 / NC 2 Head - Ø 2,5 mm, high above implant 3 mm. Fasten with <b>HT 1.25</b>	<b>420365</b>

Impression and laboratory accessories												
						Nylon cap NC			Nylon cap R-NC with increased friction strength			
<b>Code</b>	<b>420346</b>	<b>420349</b>	<b>420566</b>	<b>420353</b>		<b>NC</b>	<b>NC 1</b>	<b>NC 2</b>	<b>R-NC</b>	<b>R-NC 1</b>	<b>R-NC 2</b>	<b>H</b>
<b>REF</b>	<b>TS STW</b>	<b>IA STW</b>	<b>IAB</b>	<b>IAO STW M</b>	Extraction forces	<b>465028</b>	<b>465029</b>	<b>465030</b>	<b>465034</b>	<b>465033</b>	<b>465032</b>	<b>465031</b>
	Transfer post. Fasten with <b>HT 1.25</b>	Lab analogue	Ball analogue	Lab analogue with 5 sleeves		ca. 1200 g white	ca. 800 g pink	ca. 500 g yellow	green, strong	pink, medium	orange, soft	Sleeve for all NC



Description	REF
Ball abutment <b>TB3 STW</b> , fits nylon cap NC. Head - Ø 2,5 mm, high above implant 3 mm. Fasten with <b>HAS2</b> and <b>Tool E</b> (REF 462377)	<b>420364</b>

# WE MAKE SHOPPING SIMPLE!



Visit our new shop [www.shop-implant.com](http://www.shop-implant.com)

## DRILL SPEED (RPM)

To determine the drilling speed, you must know the motor speed, which is then divided by the gear reduction factor of the handpiece.

Example: Speed : Gear reduction = Drilling speed  
 20.000 400 : 1 50 Upm

The drilling speed is indicated directly on the surgical unit.

Motor speed (rpm)

Gear reduction	20.000	27.000	33.000	35.000	40.000
<b>1:1</b>	20.000	27.000	33.000	35.000	40.000
<b>4:1</b>	5.000	6.750	8.250	8.750	10.000
<b>16:1</b>	1.250	1.688	2.063	2.188	2.222
<b>18:1</b>	1.111	1.500	1.833	1.944	571
<b>70:1</b>	286	386	471	500	571
<b>256:1</b>	78	105	129	137	156
<b>400:1</b>	50	68	83	88	100
<b>1000:1</b>	20	27	33	35	40

## PATHFINDER-DRILLS



Description	Type	Working length	REF
BCD 1	non-sterile	15 mm	<b>900240</b>
BCDX 1	non-sterile	15 mm	<b>900243</b>

## FOR SSO®, STW®

Drill (Externally irrigated)

Surgical steel, laser marked. Maximum speed with external cooling 700 RPM. For lifetime extension and consistent cutting performance and easy removal of contaminated areas. Drills can be used without cooling at 50 RPM on green or blue contra-angle handpieces.

These drills are made of premium material using state-of-the-art precision milling machines. The benefit for you and your patients: Extremely good and durable cutting performance due to sophisticated geometry of the blades. Almost no heat development and excellent as a result of this geometry.



Twistdrill / Length: 36.5 mm		Working length: 18 mm	
Description	Type	Drill - Ø	REF
DS 2	non-sterile	2 mm	<b>425001</b>
DS 2.2	non-sterile	2.2 mm	<b>425003</b>
DS 2.8	non-sterile	2.8 mm	<b>425005</b>
DS 3.2	non-sterile	3.2 mm	<b>425007</b>
DS 3.5	non-sterile	3.5 mm	<b>425009</b>
DS 4.0	non-sterile	4.0 mm	<b>425011</b>
DS 4.2	non-sterile	4.2 mm	<b>425013</b>



Twistdrill / Length: 45.5 mm		Working length: 27 mm	
Description	Type	Drill - Ø	REF
DSL 2	non-sterile	2 mm	<b>425002</b>
DSL 2.2	non-sterile	2.2 mm	<b>425004</b>
DSL 2.8	non-sterile	2.8 mm	<b>425006</b>
DSL 3.2	non-sterile	3.2 mm	<b>425008</b>
DSL 3.5	non-sterile	3.5 mm	<b>425010</b>
DSL 4.0	non-sterile	4.0 mm	<b>425012</b>
DSL 4.2	non-sterile	4.2 mm	<b>425014</b>



## HEATLESS®-DRILL «DRK» FOR IMPLANTS WITH CONICAL CORE

Form drills made from surgical steel (SS), length and color coded, resterilizable. Maximum motor speed with external cooling 700 rpm. Note the information in the instructions for use for hygiene and preparation requirements with medical products intended for multiple use in implantology. Pilot drilling using DS2 (P.33), DSL2 (P.33) or Pathfinder (P.34)

★ It has been scientifically proven that **Dr. Ihde** Dental heatless drills generate 55% less heat than traditional bone drills from other manufacturers. This makes it possible to use higher rotational speeds: between 3,000 and 5,000 rpm are recommended with good external cooling and intermittent drill technique.



Description	System	Color	Length	Implant-Ø	REF
DRK 1	STO®	yellow	9, 11, 13 mm	3.3 / 3.7 mm	<b>425020</b>
DRK 2	STO®	black	15, 17, 19 mm	3.3 / 3.7 / 4.1 mm	<b>425021</b>
DRK 3	STO®	red	7, 9, 11, 13 mm	4.1 mm	<b>425022</b>
DRK 4	STO®	blue	7, 9, 11 mm	4.8 mm	<b>425023</b>
DRK 5	STO®	green	13, 15 mm	4.8 mm	<b>425024</b>
DRK 6	STO®	metallic	21, 23, 25 mm	3.7 / 4.1 mm	<b>425025</b>

## COUNTERSINK HEADS



Description	System	Type	Implant-Ø	REF
DRA 3.3 CS	SSO®, STO®	non-sterile	3.3 mm	<b>425046</b>
DRA 4.1 CS	SSO®, STO®	non-sterile	4.1 mm	<b>425047</b>
DRA 4.8 CSW	STW®	non-sterile	4.8 mm	<b>425048</b>

## TAP (FROM CRONIDUR) FOR SSO®, STW®



Description	Finish	Length	Implant - Ø	REF
TAP1 3.3	9 - 17 mm	34 mm	3.3 mm	<b>425055</b>
TAP1 4.1	9 - 17 mm	34 mm	4.1 mm	<b>425056</b>
TAP1 4.8	9 - 17 mm	30 mm	4.8 mm	<b>425057</b>
TAP2 3.3	9 - 15 mm	23 mm	3.3 mm	<b>425058</b>
TAP2 4.1	9 - 15 mm	23 mm	4.1 mm	<b>425059</b>

## DRILLSTOPP - TRAY

Not suitable for dry heat sterilizers



Description	REF	Description	REF
Drillstopp A	<b>500881</b>	Drill DS 2.8	<b>425005</b>
Drillstopp C	<b>500883</b>	Drill DS 3.2	<b>425007</b>
Drillstopp F	<b>500886</b>	Drill DS 3.5	<b>425009</b>
Drillstopp H	<b>500888</b>	Drill DS 4.0	<b>425011</b>
Drillstopp K	<b>500891</b>	Drill DS 4.2	<b>425013</b>
Drillstopp L	<b>500892</b>	Drill DSL 2.8	<b>425006</b>
Drillstopp M*	<b>500893</b>	Drill DSL 3.2	<b>425008</b>
Drillstopp N*	<b>500894</b>	Drill DSL 3.5	<b>425010</b>
Drillstopp O*	<b>500895</b>	Drill DSL 4.0	<b>425012</b>
		Drill DSL 4.2	<b>425014</b>
		<b>Tray with content</b>	<b>60034-K</b>

\* for S-System only

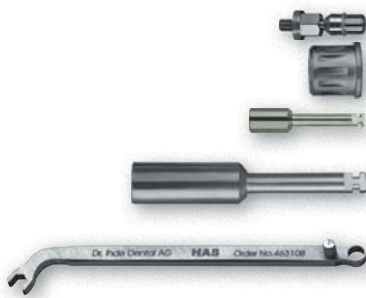
INSERTION TOOLS FOR SSO®, STO®, STW®



Description	Type	Length	Index	REF
IT1 STO	long	20 mm	HT 1.25	<b>425060</b>
IT2 STO	short	12 mm	HT 1.25	<b>425061</b>
IT3 STO	medium	16 mm	HT 1.25	<b>425063</b>
ITW SSO	contra-angle	23 mm		<b>463110</b>
ITWH SSO	contra-angle / hex*	23 mm		<b>463111</b>

\* This instrument is with an additional 6-edge for force transmission to the contra-angle handpiece equipped. Fits to W&H contra-angle handpiece only.

INSERTION TOOLS FOR SSO®, STO®



Description	Type	Length	for	REF
ITV	short	11 mm	SSO, STO	<b>500850</b>
ITV	ratchet adapter		Adapter for ITV	<b>500854</b>
Adapter	short / contra-angle	22 mm	ITV 500850	<b>500851</b>
Adapter	long / contra-angle	32 mm	ITV 500850	<b>500852</b>
Adapter	medium / contra-angle	27 mm	ITV 500850	<b>500853</b>
HAS	square	85 mm	ITV	<b>463108</b>

INSERTION TOOLS FOR ABUTMENTS



Description	Type	Length	Index	for abutments	REF
IT TCA	long	20 mm	direct	SA STI, TCA STI	<b>425065</b>
Tool E	long	20 mm	direct	TB2 STI, TB3 STI, TB3 STW	<b>462377</b>

INSTRUMENTS FOR SCREWS



Description	Type	Length	Ø	Code	REF
Hex-instrument	long	21 mm	1.25 mm	<b>HT 1.25</b>	<b>425100</b>
Hex-instrument for contra-angle	long	26.1 mm	1.25 mm	<b>HT 1.25 M</b>	<b>425112</b>
Hex-instrument	short	14 mm	1.25 mm	<b>HTS 1.25</b>	<b>425101</b>
Hex-instrument	extralong	45 mm	1.25 mm	<b>HTX 1.25</b>	<b>425102</b>
Hex-instrument	long	19 mm	1.77 mm	<b>HT 1.77</b>	<b>425103</b>
Hex-instrument for contra-angle	long	28.6 mm	1.77 mm	<b>HT 1.77 M</b>	<b>425113</b>
Hex-instrument	extralong	45 mm	1.77 mm	<b>HTX 1.77</b>	<b>425104</b>
Torx-instrument	for SSO and STO abutments	21 mm	1.25 mm	<b>TT 1.25</b>	<b>425105</b>

Surgical steel, for use with a ratchet

Please read our detailed instructions for cleaning and re-sterilisation of surgical instruments on [www.implant.com/de/instructions](http://www.implant.com/de/instructions) (Gebrauchsanweisungen - Implants - Hygienemerkbblatt)

## TOOLS

	Description	Type	Length	Ø	Code	REF
	Guide jacket	Titanium, for pilot drill, 5 pieces / pack	10 mm	2.2 mm	<b>BFH</b>	<b>425401</b>
	X-ray measuring sphere	Surgical steel 5 pieces / pack		5.0 mm	<b>RM</b>	<b>425403</b>
	Drill extension	Contra-angle, extends by 19 mm			<b>DX2</b>	<b>500704</b>
	Punch	Contra-angle handpiece		4.9 mm	<b>PUW 1</b>	<b>425404</b>
	Punch	Contra-angle handpiece		3.9 mm	<b>PUW 2</b>	<b>425405</b>
	Punch	Manual		5.2 mm	<b>PU</b>	<b>425406</b>
	Standardized probe	Scale 1 mm, radiographical measuring for cylindrical implant types	22 mm		<b>PDG</b>	<b>425400</b>
	HAS	Flat spanner for ITV	85 mm		<b>HAS</b>	<b>463108</b>
	HAS2	Flat spanner for TB3 STI	85 mm		<b>HAS2</b>	<b>463109</b>
	Ratchet	For all Hex-instruments and insertion tools			<b>RAT 2</b>	<b>425051</b>
	Ratchet	Angled, for all Hex-instruments and insertion tools			<b>RAT 3</b>	<b>425052</b>
	Torque wrench	Torque wrench 10 - 70 Ncm for all insertion tools, Hex- and Torx instruments			<b>TW 2</b>	<b>425402</b>
	UAW*	Universal ratchet adapter for all contra-angle instruments, use with ratchet (RAT 2). Max. 30 Ncm			<b>UAW</b>	<b>425107</b>

It is recommended to have the torque ratchets recalibrated by Dr. Ihde Dental once a year.

\* Do not use UAW in combination with RAT2 with Heatless® bone drills. The maximum insertion torque for UAW and Heatless® bone drills is 35 Ncm. UAW may therefore be used only with TW2.

## STARTER - TRAY

Autoclavable up to 134 °C, not suitable for dry heat sterilizers  
This surgical kit contains all drills and tools for first works with the S-System.  
Material: autoclavable plastic



### CONTENT

Description	REF
IT3 STO	<b>425063</b>
ITWH SSO	<b>463111</b>
HT 1.25	<b>425100</b>
TT 1.25	<b>425105</b>
BCD 1	<b>900240</b>
DS 2.2	<b>425003</b>
DS 2.8	<b>425005</b>
DS 3.5	<b>425009</b>
DS 4.2	<b>425013</b>
DRA 4.1 CS	<b>425047</b>
PDG	<b>425400</b>
PDG	<b>425400</b>
TW2	<b>425402</b>
<b>Starter-tray (with content)*</b>	<b>60042-K</b>

\* Empty tray upon request

Please read our detailed instructions for cleaning and re-sterilisation of surgical instruments on [www.implant.com/de/instructions](http://www.implant.com/de/instructions) (Gebrauchsanweisungen - Implants - Hygienemerksblatt)

**FOR SSO®**

Autoclavable up to 134 °C, not suitable for dry heat sterilizers



Size of closed tray  
 B = 105 mm / L = 230 mm / H = 55 mm  
 for all autoclaves

**CONTENT FOR SSO® - IMPLANTS**

Description	Code	REF	Description	Code	REF
Step One	<b>Step One</b>		Insertion tool, short	IT 1 STO	425060
Drill	DS/DSL 2.0	425001/425002	Insertion tool, medium	IT 2 STO	425061
Drill	DS/DSL 2.2	425003/425004	Insertion tool, long	IT 3 STO	425063
Drill	DS/DSL 2.8	425005/425006	Hex-instrument	HT 1.25	425100
Drill	DS/DSL 3.5	425009/425010	Hex-instrument	HTS 1.25	425101
Drill	DS/DSL 4.0	425011/425012	Hex-instrument	HT 1.77	425103
Drill	DS/DSL 4.2	425013/425014	Torx-instrument	TT 1.25	425105
Countersink head	DRA 3.3 CS	425046	Ratchet	RAT 2	425051
Countersink head	DRA 4.1 CS	425047	Universal ratchet adapter	UAW	425107
Countersink head	DRA 4.8 CSW	425048			
Tap	TAP1 3.3	425055	Instrument-tray (empty)		60005
Tap	TAP1 4.1	425056			
Tap	TAP1 4.8	425057	<b>Instrument-tray (with content)</b>		<b>S60005</b>

Please read our detailed instructions for cleaning and re-sterilisation of surgical instruments on [www.implant.com/de/instructions](http://www.implant.com/de/instructions) (Gebrauchsanweisungen - Implants - Hygienemerkbblatt)

## FOR STO®

Autoclavable up to 134 °C, not suitable for dry heat sterilizers



**Size of closed tray**  
**B = 105 mm / L = 230 mm / H = 55 mm**  
**for all autoclaves**

## CONTENT FOR STO® - IMPLANTS

Description	Code	REF	Description	Code	REF
Step One	<b>Step One</b>		Ratchet	<b>RAT 2</b>	<b>425051</b>
Pilotdrill	<b>DS 2</b>	<b>425001</b>	Universal ratchet adapter	<b>UAW</b>	<b>425107</b>
Formdrill	<b>DRK 1</b>	<b>425020</b>	DX 2 drill extension	<b>DX2</b>	<b>500704</b>
Formdrill	<b>DRK 2</b>	<b>425021</b>	Insertion tool for abutments	<b>IT TCA</b>	<b>425065</b>
Formdrill	<b>DRK 3</b>	<b>425022</b>	Hex-instrument	<b>HT 1.25</b>	<b>425100</b>
Formdrill	<b>DRK 4</b>	<b>425023</b>	Hex-instrument	<b>HTS 1.25</b>	<b>425101</b>
Formdrill	<b>DRK 5</b>	<b>425024</b>	Hex-instrument	<b>HT 1.77</b>	<b>425103</b>
Formdrill	<b>DRK 6</b>	<b>425025</b>	Torx-instrument	<b>TT 1.25</b>	<b>425105</b>
Insertion tool, short	<b>IT 1 STO</b>	<b>425060</b>	Instrument-tray (empty)		<b>60009</b>
Insertion tool, medium	<b>IT 2 STO</b>	<b>425061</b>	<b>Instrument-tray (with content)</b>		<b>S60009</b>
Insertion tool, long	<b>IT 3 STO</b>	<b>425063</b>			

Please read our detailed instructions for cleaning and re-sterilisation of surgical instruments on [www.implant.com/de/instructions](http://www.implant.com/de/instructions) (Gebrauchsanweisungen - Implants - Hygienemerklblatt)



# BONE LEVEL PLUS®



## **Bone Level Plus® implants**

are sandblasted in a high temperature process, and then osmoactive® packaged. Bone Level Plus® implants have a press-fit-internal-square. Implants, tools and other parts are compatible to the Bone-Level system.

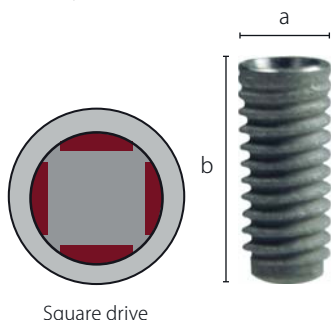
The drilling sequences for this system can be found in our system application.

Mandatory, respectively recommended fastening torques for implants, abutments and fastening screws can be found on [www.implant.com/de/instructions](http://www.implant.com/de/instructions)

You could not find a specific implant system or a certain product in this catalog?  
Please have a look at [www.shop-implant.com](http://www.shop-implant.com)

## BONE LEVEL PLUS® - IMPLANTS

The surface has been sandblasted, etched in a high-temperature process and given an osmoactive® packaged. Delivery incl. placement aid **ITV BLP** and surgical screw.



Square drive

a) enossal Ø: 3.3 - 4.8 mm  
b) enossal length: 8 - 14 mm

The implant body is made of Grade 4 titanium.

### Bone Level Plus® - implants (Material: Ti6Al4 V ELI)

Description	enossal Ø	enossal length	Code	REF
BLP 3.3 8	3.3 mm	8 mm	<b>BLP 3.3 8</b>	<b>900500</b>
BLP 3.3 10	3.3 mm	10 mm	<b>BLP 3.3 10</b>	<b>900501</b>
BLP 3.3 12	3.3 mm	12 mm	<b>BLP 3.3 12</b>	<b>900502</b>
BLP 3.3 14	3.3 mm	14 mm	<b>BLP 3.3 14</b>	<b>900503</b>
BLP 4.1 8	4.1 mm	8 mm	<b>BLP 4.1 8</b>	<b>900504</b>
BLP 4.1 10	4.1 mm	10 mm	<b>BLP 4.1 10</b>	<b>900505</b>
BLP 4.1 12	4.1 mm	12 mm	<b>BLP 4.1 12</b>	<b>900506</b>
BLP 4.1 14	4.1 mm	14 mm	<b>BLP 4.1 14</b>	<b>900507</b>
BLP 4.8 8	4.8 mm	8 mm	<b>BLP 4.8 8</b>	<b>900508</b>
BLP 4.8 10	4.8 mm	10 mm	<b>BLP 4.8 10</b>	<b>900509</b>
BLP 4.8 12	4.8 mm	12 mm	<b>BLP 4.8 12</b>	<b>900510</b>
BLP 4.8 14	4.8 mm	14 mm	<b>BLP 4.8 14</b>	<b>900511</b>

Insertion torque min. 35 Ncm

## GINGIVAFORMER



Description	Code	REF
Gingivaformer, conical	<b>GF NC 3.6 2</b>	<b>900590</b>
Gingivaformer, conical	<b>GF NC 3.6 3.5</b>	<b>900591</b>
Gingivaformer, conical	<b>GF NC 4.8 3.5</b>	<b>900594</b>
Gingivaformer, conical	<b>GF RC 4.5 2</b>	<b>900596</b>
Gingivaformer, conical	<b>GF RC 4.5 4</b>	<b>900597</b>
Gingivaformer, conical	<b>GF RC 4.5 6</b>	<b>900598</b>
Gingivaformer, conical	<b>GF RC 6 2</b>	<b>900599</b>
Gingivaformer, bottle shape	<b>GFB NC 3.3 3.5</b>	<b>900602</b>
Gingivaformer, bottle shape	<b>GFB NC 3.3 5</b>	<b>900603</b>
Gingivaformer, bottle shape	<b>GFB RC 4.4 4</b>	<b>900604</b>
Gingivaformer, bottle shape	<b>GFB RC 4.7 6</b>	<b>900605</b>

## SURGICAL ACCESSORIES



Description	Code	REF
Surgical screw for BLP 3.3 implants	<b>CSTB NC</b>	<b>900518</b>
Surgical screw for BLP 4.1 and BLP 4.8 implants	<b>CSTB RC</b>	<b>900519</b>

## MILLING CYLINDERS



Description	Code	REF
Milling cylinder for BLP 3.3 implants for telescope crowns	<b>FZB NC</b>	<b>900524</b>
Milling cylinder for BLP 4.1 and BLP 4.8 implants for telescope crowns	<b>FZB RC</b>	<b>900527</b>

Recommended insertion torque: 30 Ncm

## ANALOGUES



Description	Code	REF
Implant analogue for BLP 3.3 implants	IA BLP NC	900525
Implant analogue for BLP 4.1 and 4.8 implants	IA BLP RC	900526

## STANDARD - ABUTMENTS



Description	Code	REF
Abutment for cementing on BLP 3.3, 1 mm high. Hight above step 4 mm, incl. matching screw SFBC NC	CAB 1 NC	900554
Abutment for cementing on BLP 4.1 and 4.8, 1 mm high. Hight above step 5.5 mm, incl. matching screw SFBC RC	CAB 1 RC	900551
Abutment for cementing on BLP 3.3, 3 mm high. Hight above step 4 mm, incl. matching screw SFBC NC	CAB 3 NC	900555
Abutment for cementing on BLP 4.1 and 4.8, 3 mm high. Hight above step 5.5 mm, incl. matching screw SFBC RC	CAB 3 RC	900552

Recommended insertion torque: 30 Ncm

## SCREW-RETAINED ABUTMENTS (REDUCIBLE, GRINDABLE)



Description	Code	REF
Abutment, incl. matching screw SF B	TAB BLP NC/RC	900521
Abutment for BLP 3.3, 15° angle, anti-rotational, incl. matching screw SF B NC	TLA2 15 BLP NC	900528
Abutment for BLP 4.1 and 4.8, 15° angle, anti-rotational, incl. matching screw SF B NC	TLA2 15 BLP RC	900523

Recommended insertion torque: 30 Ncm

## TEMPORARY BASE (PEEK T16AL4V)



Description	Code	REF
Temporary base for BLP 3.3 implants, titanium/plasti, incl. matching screw SFB NC	PBB NC	900541
Temporary base for BLP 4.1 and 4.8 implants, titanium/plastic incl. matching screw SFB RC	PBB RC	900542

Recommended insertion torque: 30 Ncm

## ANATOMICAL ABUTMENTS



Description	Code	REF
Anatomical abutment for BLP 3.3 implants incl. matching screw SFB NC	ANAB NC	900544
Anatomical abutment for BLP 4.1 and 4.8 implants incl. matching screw SFB RC	ANAB RC	900543



Recommended insertion torque: 30 Ncm

## ABUTMENTS FOR SCANNER





Description	REF
MB BLP NC, anti-rotation	900560
MB BLP RC, anti-rotation	900562





## CASTABLE ABUTMENTS

	Description	Material	Code	REF
	Castable abutment incl. metal base and screw	Ti6Al4V	<b>PLAB BLP NC</b>	<b>900620</b>
	Castable abutment incl. metal base and screw, for casting-on	CoCrMo	<b>PLAB2 BLP NC</b>	<b>900621</b>
	Castable abutment incl. metal base and screw	Ti6Al4V	<b>PLAB BLP RC</b>	<b>900622</b>
	Castable abutment incl. metal base and screw, for casting-on	CoCrMo	<b>PLAB2 BLP RC</b>	<b>900623</b>







## PICK - UP IMPRESSION POSTS

	Description	Code	REF
	Impression post for BLP 3.3 implants	<b>HLT BLP NC</b>	<b>900584</b>
	Impression post for BLP 4.1 and 4.8 implants	<b>HLT BLP RC</b>	<b>900585</b>

## IMPRESSION POSTS FOR CONVENTIONAL IMPRESSIONS

	Description	Code	REF
	Impression post for BLP 3.3 implants	<b>TS BLP NC</b>	<b>900586</b>
	Impression post for BLP 4.1 and 4.8 implants	<b>TS BLP RC</b>	<b>900587</b>
	Impression post long for BLP 3.3 implants	<b>TSL BLP NC</b>	<b>900588</b>
	Impression post long for BLP 4.1 and 4.8 implants	<b>TSL BLP RC</b>	<b>900589</b>

## ABUTMENTS

	Description	Code	REF
	TCT BLP RC 0.5	<b>TCT BLP RC 0.5</b>	<b>900632</b>
	TCT BLP RC 1.5	<b>TCT BLP RC 1.5</b>	<b>900633</b>
	TCT BLP RC 3.5	<b>TCT BLP RC 3.5</b>	<b>900634</b>
	TCT BLP NC 0.5	<b>TCT BLP NC 0.5</b>	<b>900635</b>
	TCT BLP NC 1.5	<b>TCT BLP NC 1.5</b>	<b>900636</b>
	TCT BLP NC 3.5	<b>TCT BLP NC 3.5</b>	<b>900637</b>

for screw-on prosthetic

### Impression taking and laboratory accessories

						
<b>Code</b> <b>REF</b>	<b>TST</b> <b>418147</b>	<b>SFL</b>	<b>BTT</b> <b>418100</b>	<b>PSTR (grey)</b> <b>418124</b>	<b>PSTA</b> <b>418123</b>	<b>SF</b> <b>418151</b>
	Transfer post	Long screw	TCT-analogue	Castable abutment, 12 mm high. Round in- side. <b>5 pieces/pack</b>	Castable abutment, 12 mm high. Edged in- side. <b>5 pieces/pack</b>	Fastening screw

In this approach the position of the TCT hex is assigned.

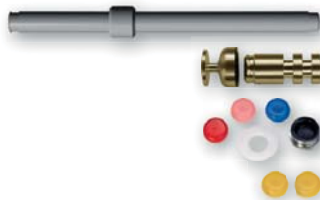
**LOCALICER® FOR REMOVABLE PROSTHETIC**



Description	Code	REF
Localicer® for BLP 3.3 implant; Hight 2 mm	<b>LOC BLP NC 2</b>	<b>900539</b>
Localicer® for BLP 4.1 and 4.8 implant; Hight 2 mm	<b>LOC BLP RC 2</b>	<b>900540</b>
Localicer® for BLP 3.3 implant; Hight 3 mm	<b>LOC BLP NC 3</b>	<b>900606</b>
Localicer® for BLP 3.3 implant; Hight 4 mm	<b>LOC BLP NC 4</b>	<b>900607</b>
Localicer® for BLP 4.1 and 4.8 implant; Hight 3 mm	<b>LOC BLP RC 3</b>	<b>900608</b>
Localicer® for BLP 4.1 and 4.8 implant; Hight 4 mm	<b>LOC BLP RC 4</b>	<b>900609</b>

The abutment may be tightened with the instrument HT 1.77. Abutments are used to fixate removable dentures. We recommend to use minimally 6 implants per jaw and to use a single denture as splinting.

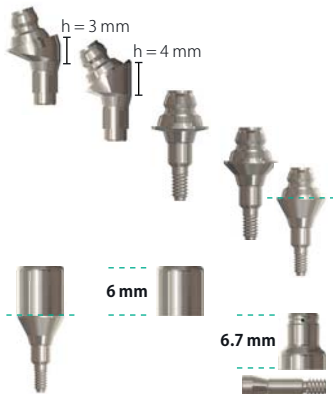
**ACCESSORIES FOR LOCALICER®**



Description	Code	REF
Instrument for mounting and de-mounting Localicer caps	<b>LOC Tool</b>	<b>462335</b>
Analogue + impression set	<b>AA LOC</b>	<b>462337</b>
Set with 4 caps + housing	<b>NCS</b>	<b>462338</b>
Set of two, yellow, with increased friction strength	<b>R-Cap</b>	<b>462336</b>

Pull-off force: \*black 125 g, red 350 g, blue 500 g, pink 1000 g  
\*Black cap is for temporary solutions up to one month.

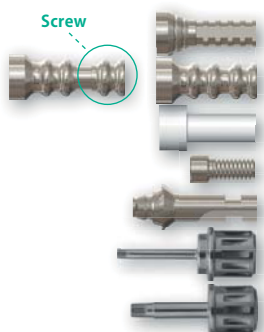
**MULTI - UNIT ABUTMENTS**



Description	Code	REF
MU2 17 BLP RC, angled, Ti6Al4V. Incl. SFB RC	<b>MU2 17 BLP RC</b>	<b>900640</b>
MU2 35 BLP RC, angled, Ti6Al4V. Incl. SFB RC	<b>MU2 35 BLP RC</b>	<b>900641</b>
MU2S 0.5 BLP RC, straight, Ti6Al4V	<b>MU2S 0.5 BLP RC</b>	<b>900642</b>
MU2S 1.5 BLP RC, straight, Ti6Al4V	<b>MU2S 1.5 BLP RC</b>	<b>900643</b>
MU2S 2.5 BLP RC, straight, Ti6Al4V	<b>MU2S 2.5 BLP RC</b>	<b>900644</b>
GF MU2 gingivaformer, Ti6Al4V. Incl. SF MU2 H above abutment shoulder 6 mm	<b>418286</b>	
MU2 localicer, Ti6Al4V. Incl. SF MU2 Hight above abutment shoulder 6.7 mm	<b>418287</b>	
Prosthetic screw for MU2, Ti6Al4V	<b>SFB RC</b>	<b>900532</b>













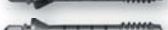

Insertion of the angled MU2-abutments with HT 1.25  
Insertion of the straight MU2S-abutments with HT 1.77

**ACCESSORIES FOR MULTI - UNIT ABUTMENTS**










Description	Code	REF
Temporary base, Ti6Al4V (SF MU2 has to be ordered separately)	<b>TC MU2</b>	<b>418290</b>
Transfer straight, Ti6Al4V, incl. screw SFL MU2	<b>TS MU2</b>	<b>418291</b>
Castable for multiunit, incl. screw	<b>PA MU2</b>	<b>418292</b>
Screw for TC MU, Ti6Al4V	<b>SF MU2</b>	<b>418293</b>
Lab analogue for multiunit, Ti6Al4V	<b>IA MU2</b>	<b>418295</b>
Hex-instrument, long	<b>HT 1.25</b>	<b>425100</b>
Hex-instrument, long	<b>HT 1.77</b>	<b>425103</b>








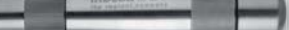



## INSTRUMENTS

	Description	Code	REF
	Pilotdrill short/long 2.0 mm Ø	<b>DS 2 / DSL 2</b>	<b>425001 / 425002</b>
	Pilotdrill short/long 2.8 mm Ø	<b>DS 2.8 / DSL 2.8</b>	<b>425005 / 425006</b>
	Formdrill short 2.8 mm Ø	<b>DBL 2.8</b>	<b>900570</b>
	Formdrill short 3.5 mm Ø	<b>DBL 3.5</b>	<b>900571</b>
	Formdrill short 4.0 mm Ø	<b>DBL 4.0</b>	<b>900572</b>
	Formdrill long 2.8 mm Ø	<b>DLBL 2.8</b>	<b>900573</b>
	Formdrill long 3.5 mm Ø	<b>DLBL 3.5</b>	<b>900574</b>
	Formdrill long 4.0 mm Ø	<b>DLBL 4.0</b>	<b>900575</b>
	Cortical countersink 3.3	<b>CSBL 3.3</b>	<b>900576</b>
	Cortical countersink 4.1	<b>CSBL 4.1</b>	<b>900577</b>
	Cortical countersink 4.8	<b>CSBL 4.8</b>	<b>900578</b>
	Tap	<b>TAP BLP 3.3</b>	<b>900579</b>
	Tap	<b>TAP BLP 4.1</b>	<b>900580</b>
	Tap	<b>TAP BLP 4.8</b>	<b>900581</b>

## ADAPTER

	Description	Type	Length	for	REF
	ITV S WST	Adapter short / contra-angle	22 mm	ITV 500850	<b>500851</b>
	ITV M WST	Adapter long / contra-angle	32 mm	ITV 500850	<b>500852</b>
	ITV L WST	Adapter medium / contra-angle	27 mm	ITV 500850	<b>500853</b>
	IT ITV	Ratchet adapter		ITV 500850	<b>500854</b>
	UAW*	Universal ratchet adapter for all contra-angle handpieces, use with RAT 2 / TW 2. Max. 30 Ncm			<b>425107</b>
	DX2	Drill extension, contra-angle, extends by 19 mm			<b>500704</b>
	DX2 H	Drill extension, contra-angle, extends by 19 mm, W&H hexagon on the shank and in the nose part			<b>500708</b>

## INSTRUMENTS AND TOOLS

	Description	Type	REF
	Ratchet RAT2	For all Hex-instruments and insertion tools	<b>425051</b>
	Ratchet RAT3	Angled, for all Hex-instruments and insertion tools; for difficult situations	<b>425052</b>
	Torque ratchet TW2	Torque ratchet 10–70 Ncm for all placement aids, hex and torx instruments	<b>425402</b>
	Handgrip	Self locking	<b>311431</b>
	Handgrip	For adapter, 110 mm	<b>311430</b>
	TT 1.25	Torx instrument (for all screws)	<b>425105</b>
	TT 1.25 M	Torx instrument (all screws) for contra-angle	<b>425115</b>
	HAS	Flat spanner	<b>463108</b>
	HT 1.77	Hex-instrument, long	<b>425103</b>
	HTX 1.77	Hex-instrument, extralong	<b>425104</b>
	PUW1	Punch	<b>425404</b>

\* Do not use UAW in combination with RAT2 with Heatless® bone drills. The maximum insertion torque for UAW and Heatless® bone drills is 35 Ncm. UAW may therefore be used only with TW2.

**METAL - TRAY**

Autoclavable up to 134 °C,  
not suitable for dry heat sterilizers



**Size of closed tray**  
**B = 105 mm / L = 230 mm / H = 50 mm**  
**for all autoclaves**

**CONTEN FOR THE BONE LEVEL PLUS® - TRAY**

Description	Code	REF
Formdrill short	DBL 2.8	
Formdrill short	DBL 3.5	
Formdrill short	DBL 4.0	
Formdrill long	DLBL 2.8	
Formdrill long	DLBL 3.5	
Formdrill long	DLBL 4.0	
Cortical countersink 3.3	CSBL 3.3	
Cortical countersink 4.1	CSBL 4.1	
Cortical countersink 4.8	CSBL 4.8	
Tap	TAP BL 3.3	
Tap	TAP BL 4.1	
Tap	TAP BL 4.8	
Ratchet adapter for ITV (for contra-angle handpiece)	IT ITV	500 854
Contra-angle handpiece adapter medium	ITV M Wst	500 853
Contra-angle handpiece adapter long	ITV L Wst	500 852
Universal ratchet adapter	UAW	425107
Punch	PUW 1	425404
Torx instrument (for all screws)	TT 1.25	425105
Drill extension	DX 2	500704
Flat spanner	HAS	463108
Torque ratchet 10–70 Ncm for all placement aids, hex and torx instruments	TW 2	425402
Metal-tray (empty)		60018
<b>Metal-tray (with content)</b>		<b>560018</b>

Please read our detailed instructions for cleaning and re-sterilisation of surgical instruments on [www.implant.com/de/instructions](http://www.implant.com/de/instructions) (Gebrauchsanweisungen - Implantate - Hygienemerklatt)

# PLACE®



## Place® implants

offer a rotation-safe internal Tri-Lobe-connection. Two diameters are available of the connection between implant and abutment: SC (small collar) for Place® 3.5mmd, and WC (wide collar) for all other diameters. At the bone Place® implants are compatible with Hexacone® and Xign®: The same surgical instruments (except insertion tools) can be used.

Place® implants are sandblasted and acid etched, and osmoactive® packaged.

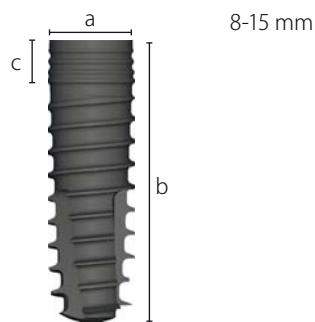
The drilling sequences for this system can be found in our system application.

Mandatory, respectively recommended fastening torques for implants, abutments and fastening screws can be found on [www.implant.com/de/instructions](http://www.implant.com/de/instructions)

You could not find a specific implant system or a certain product in this catalog?  
Please have a look at [www.shop-implant.com](http://www.shop-implant.com)

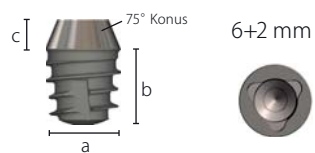


PLACE® - IMPLANTS



8-15 mm

- a) enossal Ø: 3.5 - 5.5 mm
- b) enossal length: 8 - 15 mm
- c) length micro thread: 2.1 mm



6+2 mm

- a) enossal Ø: 5.5 mm
- b) enossal length: 6+2 mm
- c) reverse-conus: 2 mm

Place® - Implantate (incl. surgical screw)

Description	enossal Ø	enossal length	REF
Place 3.5 8	3.5 mm SC	8 mm	901013
Place 3.5 10	3.5 mm SC	10 mm	901000
Place 3.5 11.5	3.5 mm SC	11.5 mm	901001
Place 3.5 13	3.5 mm SC	13 mm	901002
Place 3.5 15	3.5 mm SC	15 mm	901003
Place 4.3 8	4.3 mm WC	8 mm	901014
Place 4.3 10	4.3 mm WC	10 mm	901004
Place 4.3 11.5	4.3 mm WC	11.5 mm	901005
Place 4.3 13	4.3 mm WC	13 mm	901006
Place 4.3 15	4.3 mm WC	15 mm	901007
Place 5.5 6+2	5.5 mm WC	6+2 mm	901008
Place 5.5 8	5.5 mm WC	8 mm	901009
Place 5.5 10	5.5 mm WC	10 mm	901010
Place 5.5 11.5	5.5 mm WC	11.5 mm	901011
Place 5.5 13	5.5 mm WC	13 mm	901012

Place 5.5 / Place 5.5 6+2 = platform 4.3 mm / WC

SURGICAL SCREWS



Description	REF
CS PL SC*	901015
CS PL WC*	901016

IMPLANT ANALOGUES



Description	REF	
IA PL SC*	901020	
IA PL WC*	901021	
IA PL XWC*	901022	
IA PL SC M*	with 5 sleeves	901044
IA PL WC M*	with 5 sleeves	901045
IA PL XWC M*	with 5 sleeves	901046

GINGIVAFORMER



anatomic

Description	Type	Ø	Hight	REF
HS PL SC*	normal	5.5 mm	3.6 mm	901071
HS PL WC*	normal	4.5 mm	3.6 mm	901073
HS PL SC*	narrow	4.5 mm	3.6 mm	901070
HS PL WC*	narrow	5.5 mm	3.6 mm	901074
HS PL SC*	high	6.7 mm	6.3 mm	901072
HS PL WC*	high	6.7 mm	6.3 mm	901075

ABDRUCKPFOSTEN FOR PICKUP VERFAHREN



Description	REF	
Lock transfer HLT SC*	incl. screw 901102	901100
Lock transfer HLT WC*	incl. screw 901103	901101

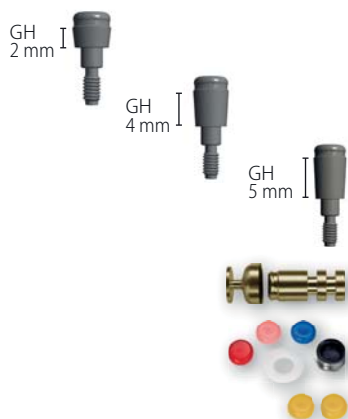
\* SC - small collar abutments and other parts for implants with 3.5 mm Ø  
 WC - wide collar abutments and other parts for implants with 4.3 mm Ø and our implants with 5.5 mm Ø. Platform: 4.3mm. Max. implant Ø: 5.5 mm  
 For Nobel-Biocare original implants 5.5, XWC-elements are used.

## TRANSFER POSTS FOR CLOSED TRAY IMPRESSION TAKING



Description	REF
TS PL SC** incl. screw	<b>901111</b>
TS PL WC** incl. screw	<b>901121</b>
TSL PL SC** incl. screw	<b>901110</b>
TSL PL WC** incl. screw	<b>901120</b>

## LOCALICER®



Description	Hight	Code	REF
LOC PL 2 SC**	2 mm		<b>901060</b>
LOC PL 2 WC**	2 mm		<b>901065</b>
LOC PL 4 SC**	4 mm		<b>901061</b>
LOC PL 4 WC**	4 mm		<b>901066</b>
LOC PL 5 SC**	5 mm		<b>901062</b>
LOC PL 5 WC**	5 mm		<b>901067</b>
Analogue + impression set for SC and WC		<b>AA LOC</b>	<b>462337</b>
Set with 4 caps + housing for SC and WC		<b>NCS</b>	<b>462338</b>
Set of two, yellow, with increased friction strength		<b>R-Cap</b>	<b>462336</b>

We recommend to use minimally 6 implants per jaw and to use a single denture as splinting

## SIMPLE SCREW-ON ABUTMENTS



Description	REF
TCA SC**	<b>901056</b>
TCA WC**	<b>901057</b>

## ANTI-ROTATION ABUTMENTS FOR CEMENTED PROSTHETIC



Description	Neck h	REF
TLA SC**	1 mm	<b>901024</b>
TLA WC**	1 mm	<b>901025</b>
TLA XWC**	1 mm	<b>901026</b>
TLA SC**	3 mm	<b>901027</b>
TLA WC**	3 mm	<b>901028</b>
TLA XWC**	3 mm	<b>901029</b>

## COMPLETE SET WITH A STRAIGHT ABUTMENT AND ACCESSORIES



REF	<b>901024</b>	<b>418179</b>	<b>418181</b>	<b>901020 / 901021</b>
Code	<b>TLA</b>	<b>TZ HC</b>	<b>PA HC (for SC/WC)</b>	<b>IA PL (SC/WC)</b>

REF 901080 for the complete SET SC\*\*

REF 901081 for the complete SET WC\*\*

ANTI-ROTATION ABUTMENTS, ANGLED FOR CEMENTED PROSTHETIC



Description	Neck h	REF
TLA15 PL SC* 1	1 mm	901030
TLA15 PL WC* 1	1 mm	901040
TLA15 PL SC* 3	3 mm	901031
TLA15 PL WC* 3	3 mm	901041
TLA25 PL SC* 1	1 mm	901032
TLA25 PL WC* 1	1 mm	901042
TLA25 PL SC* 3	3 mm	901033
TLA25 PL WC* 3	3 mm	901043

ABUTMENTS FOR SCREW-IN CROWNS AND BRIDGES



Description	Material	REF
Temporary base SC*	Ti6Al4V/PEEK	901130
Temporary base WC*	Ti6Al4V/PEEK	901131
Titan base for zirconium SC*	Ti6Al4V	901180
Titan base for zirconium WC*	Ti6Al4V	901181
Castable metal base with castable and screw SC*	CoCrMo	901140
Castable metal base with castable and screw WC*	CoCrMo	901141
Metal base with castable and screw SC*	Ti6Al4V	901145
Metal base with castable and screw WC*	Ti6Al4V	901146

MULTI - UNIT ABUTMENTS

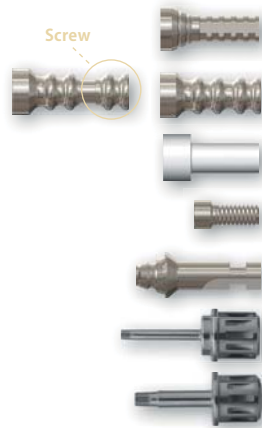


Description	Code	REF
MU2 17 PL SC, angled, Ti6Al4V. Incl. SF 66	MU2 17 PL SC	901560
MU2 35 PL SC, angled, Ti6Al4V. Incl. SF 66	MU2 35 PL SC	901561
MU2S 0.5 PL SC, straight, Ti6Al4V	MU2S 0.5 PL SC	901564
MU2S 1.5 PL SC, straight, Ti6Al4V	MU2S 1.5 PL SC	901565
MU2S 2.5 PL SC, straight, Ti6Al4V	MU2S 2.5 PL SC	901566
Prosthetic screw for MU2 (SC), Ti6Al4V	SF 66	901570
MU2 17 PL WC, angled, Ti6Al4V. Incl. SF 77	MU2 17 PL WC	901562
MU2 35 PL WC, v, Ti6Al4V. Incl. SF 77	MU2 35 PL WC	901563
MU2S 0.5 PL WC, straight, Ti6Al4V	MU2S 0.5 PL WC	901567
MU2S 1.5 PL WC, straight, Ti6Al4V	MU2S 1.5 PL WC	901568
MU2S 2.5 PL WC, straight, Ti6Al4V	MU2S 2.5 PL WC	901569
Prosthetic screw for MU2 (WC), Ti6Al4V	SF 77	901571
GF MU2 gingivaformer, Ti6Al4V. Incl. SF MU2 H above abutment shoulder 6 mm		418286
MU2 localicer, Ti6Al4V. Incl. SF MU2 H above abutment shoulder 6.7 mm		418287

Insertion of the angled MU2-abutments with HT 1.25  
 Insertion of the straight MU2S-abutments with HT 1.77

\* SC - small collar abutments and other parts for implants with 3.5 mm Ø  
 WC - wide collar abutments and other parts for implants with 4.3 mm Ø and our implants with 5.5 mm Ø. Platform: 4.3mm. Max. implant Ø: 5.5 mm  
 For Nobel-Biocare original implants 5.5, XWC-elements are used.

ACCESSORIES FOR MULTI - UNIT ABUTMENTS



Description	Code	REF
Temporary base, Ti6Al4V (SF MU2 has to be ordered separately)	<b>TC MU2</b>	<b>418290</b>
Transfer straight, Ti6Al4V, incl. screw SFL MU2	<b>TS MU2</b>	<b>418291</b>
Castable for multiunit, incl. screw	<b>PA MU2</b>	<b>418292</b>
Screw for TC MU, Ti6Al4V	<b>SF MU2</b>	<b>418293</b>
Lab analogue for multiunit, Ti6Al4V	<b>IA MU2</b>	<b>418295</b>
Hex-instrument, long	<b>HT 1.25</b>	<b>425100</b>
Hex-instrument, long	<b>HT 1.77</b>	<b>425103</b>

HEATLESS® - DRILL DFN / DFLN FOR IMPLANTS WITH CONICAL CORE



	Ø working range	Max. working depth	Total length	Color	Code	REF
	0.1 mm - 1.5 mm	15 mm	31.7 mm	yellow	<b>BCD 1</b>	<b>900240</b>
	0.1 mm - 1.5 mm	15 mm	42 mm	yellow	<b>BCDX 1</b>	<b>900243</b>
	2.0 mm	17 mm	36.5 mm		<b>DS 2</b>	<b>425001</b>
	2.7 mm	18 mm	36 mm		<b>DFN 3.0</b>	<b>425030</b>
	3.0 mm	18 mm	36 mm		<b>DFN 3.4</b>	<b>425031</b>
	3.4 mm	18 mm	36 mm		<b>DFN 3.7</b>	<b>425032</b>
	4.05 mm	18 mm	36 mm		<b>DFN 4.2 - 4.5</b>	<b>425033</b>
	2.7 mm	18 mm	39 mm		<b>DFLN 3.0</b>	<b>425035</b>
	3.0 mm	18 mm	39 mm		<b>DFLN 3.4</b>	<b>425036</b>
	3.4 mm	18 mm	39 mm		<b>DFLN 3.7</b>	<b>425037</b>
	4.05 mm	18 mm	39 mm		<b>DFLN 4.2 - 4.5</b>	<b>425038</b>
					<b>DFSN 3.7</b>	<b>425039</b>
					<b>DFSN 4.2 - 4.5</b>	<b>425040</b>
	max. 3.4 mm	5 mm	27 mm		<b>C Drill 3.7</b>	<b>425043</b>
	max. 4.05 mm	5 mm	27 mm		<b>C Drill 4.2 - 4.5</b>	<b>425044</b>



★ It has been scientifically proven that **Dr. Ihde** Dental heatless® drills generate 55% less heat than traditional bone drills from other manufacturers. This makes it possible to use higher rotational speeds: between 3,000 and 5,000 rpm are recommended with good external cooling and intermittent drill technique.

★★ namely for the Implant-systems, Hexacone®, Xign®, Place®, for drills: DFN 3.0 - DFN 4.2-4.5









TOOLS

	Description	Type	Length	Code	REF
	Hex-tool 1.25	long	21 mm	<b>HT 1.25</b>	<b>425100</b>
	Hex-tool for contra-angle	long	26.1 mm	<b>HT 1.25 M</b>	<b>425112</b>
	Torx-tool 1.25	long	21 mm	<b>TT 1.25</b>	<b>425105</b>
	Hex-tool for contra-angle		45 mm	<b>HTW 1.25</b>	<b>425111</b>
	Hex-tool 1.25	short	14 mm	<b>HTS 1.25</b>	<b>425101</b>
	Hex-tool 1.77	for alle suprastructures	19 mm	<b>HT 1.77</b>	<b>425103</b>
	Hex-tool for contra-angle	long	28.6 mm	<b>HT 1.77 M</b>	<b>425113</b>
	Hex-tool for contra-angle	extralong	45 mm	<b>HTX 1.77</b>	<b>425104</b>
	Punch, 4.9 mm Ø	for contra-angle handpiece		<b>PUW 1</b>	<b>425404</b>
	Punch, 3.9 mm Ø	for contra-angle handpiece		<b>PUW 2</b>	<b>425405</b>
	Punch, 3.6 mm Ø	for contra-angle handpiece		<b>PUW 3.6</b>	<b>901550</b>
	Punch, 4.4 mm Ø	for contra-angle handpiece		<b>PUW 4.4</b>	<b>901551</b>
	Punch, 5.2 mm Ø	manual		<b>PU</b>	<b>425406</b>
	Standardized probe	Scale 1 mm for X-ray measurements	22 mm	<b>PDG</b>	<b>425400</b>
	DX2	Drill extension contra angle hand-piece, extends by 19 mm		<b>DX2</b>	<b>500704</b>
	DX2 H	Drill extension contra angle handpiece Wst., ext. by 19 mm, W&H-hexagon on shank and in front section		<b>DX2 H</b>	<b>500708</b>
	Guide sleeve	Titanium, for pilot drill, 5 pieces / unit, 2.2 mm Ø	10 mm	<b>BFH</b>	<b>425401</b>
	X-ray measuring sphere	Surgical steel 5 pieces / unit, 0.5 mm Ø		<b>RM</b>	<b>425403</b>
	Handle, self-locking **				<b>311431</b>
	Adapter for all contra angle handpiece instruments, compatible to handle		110 mm		<b>310530</b>
	Ratchet	For all Hex instruments and applicators		<b>RAT 2</b>	<b>425051</b>
	Ratchet	Angled, for all Hex instruments and applicators		<b>RAT 3</b>	<b>425052</b>
	TW 2 *	Torque Wrench (heavy duty), 10 - 70 Ncm		<b>TW 2</b>	<b>425402</b>

\* It is recommended to have the torque ratchets recalibrated by us once a year.

\*\* for cleaning this instrument an ultrasonic cleaning device and a thermo-desinfector (i.e. Miele TD-series) are required. If these devices are not available in the dental office the handle with REF 311430 should be purchased instead.

INSERTION TOOLS

	Description	Type	Code	REF
	For ratchet	long, clicks on, TriLobe, SC	<b>IT1 PL SC</b>	<b>901500</b>
	For ratchet	long, clicks on, TriLobe, WC	<b>IT1 PL WC</b>	<b>901501</b>
	For contra-angle	long, clicks on, TriLobe, SC	<b>IT1 M PL SC</b>	<b>901502</b>
	For contra-angle	long, clicks on, TriLobe, WC	<b>IT1 M PL WC</b>	<b>901503</b>
	For ratchet	short, clicks on, TriLobe, SC	<b>IT2 PL SC</b>	<b>901504</b>
	For ratchet	short, clicks on, TriLobe, WC	<b>IT2 PL WC</b>	<b>901505</b>
	For contra-angle	short, clicks on, TriLobe, SC	<b>IT2 M PL SC</b>	<b>901506</b>
	For contra-angle	short, clicks on, TriLobe, WC	<b>IT2 M PL WC</b>	<b>901507</b>

DRILLSTOP - TRAY FOR HEXACONE® / XIGN® / PLACE®

Autoclavable up to 134 °C, not suitable for dry heat sterilizers



CONTENT

Description	Code	REF
Drillstop A		500881
Drillstop C		500883
Drillstop D		500884
Drillstop E		500885
Drillstop G		500887
Drillstop I		500889
Drillstop J		500890
Drillstop K		500891
Drillstop L		500892
Formdrill	DFN 3.0	425030
Formdrill	DFN 3.4	425031
Formdrill	DFN 3.7	425032
Formdrill	DFN 4.2 - 4.5	425033
Formdrill	DFN 5.5	425034
Formdrill	DFLN 3.0	425035
Formdrill	DFLN 3.4	425036
Formdrill	DFLN 3.7	425037
Formdrill	DFLN 4.2 - 4.5	425038
<b>Drillstop-Tray with content</b>		<b>60031-K</b>

## STARTER - TRAY

Autoclavable up to 134 °C, not suitable for dry heat sterilizers  
 This surgical kit contains all drills and tools for first works with the Place® system.  
 Material: autoclavable plastic



Shown content  
 for Hexacone® and Place®

## CONTENT

Description	Code	REF
Insertion tool*	IT 2.5*	418174*
Insertion tool*	ITL 2.5*	418171*
Insertion tool for contra-angle*	IT 2.5M*	418150*
Hex-instrument, long*	HT 1.25*	425100*
Twistdrill	DS 2	425001
Formdrill	DFN 3.0	425030
Formdrill	DFN 3.4	425031
Formdrill	DFN 3.7	425032
Formdrill	DFN 4.2 - 4.5	425033
Cortical drill 3.7	C Drill 3.7	425043
Insertion tool, long, PL SC for ratchet	IT1 PL SC	901500
Insertion tool, long, PL WC for ratchet	IT1 PL WC	901501
Insertion tool PL SC, for contra-angle	IT 1M PL SC	901502
Insertion tool PL WC, for contra-angle	IT 1M PL WC	901503
Torque wrench	TW2	425402
<b>Starter-Tray for Place® (with content)**</b>		<b>S60021-K</b>
<b>Starter-Tray for Place® and Hexacone® (with content)**</b>		<b>S60021-K</b>

\* Optional additional content for Hexacone®

\*\* Tray without content upon request

Please read our detailed instructions for cleaning and re-sterilisation of surgical instruments on  
[www.implant.com/de/instructions](http://www.implant.com/de/instructions) (Gebrauchsanweisungen - Implantate - Hygienemerklblatt)

## PLASTIC / METAL / SILICONE

Autoclavable up to 134 °C, not suitable for dry heat sterilizers



**Size of closed tray**  
**B = 180 mm / L = 290 mm / H = 80 mm**  
**for wide autoclaves**

## CONTENT

Description	Code	REF	Description	Code	REF
<b>Standard equipment for system Hexacone®, Xign® and Place®</b>					
Step one	<b>Step one</b>		Hex-instrument, long	<b>HT 1.77</b>	<b>425103</b>
Twistdrill	<b>DS 2.0</b>	<b>425001</b>	Hex-instrument	<b>HT 0.9</b>	<b>422428</b>
Twistdrill	<b>DS 2.8</b>	<b>425005</b>	Torx-instrument	<b>TT 1.25</b>	<b>425105</b>
Formdrill	<b>DFN 3.0</b>	<b>425030</b>	Standardized probe, parallelism aid	<b>PDG 3.0</b>	<b>422416</b>
Formdrill	<b>DFN 3.4</b>	<b>425031</b>	Standardized probe, parallelism aid	<b>PDG 3.4</b>	<b>422417</b>
Formdrill	<b>DFN 3.7</b>	<b>425032</b>	Standardized probe, parallelism aid	<b>PDG 3.8</b>	<b>422418</b>
Formdrill	<b>DFN 4.2 - 4.5</b>	<b>425033</b>	Standardized probe, parallelism aid	<b>PDG 4.5</b>	<b>422419</b>
Formdrill	<b>DFLN 3.4</b>	<b>425036</b>	Drill extension, contra angle handpiece	<b>DX2</b>	<b>500704</b>
Formdrill	<b>DFLN 3.7</b>	<b>425037</b>	Universal ratchet adapter	<b>UAW</b>	<b>425107</b>
Formdrill	<b>DFLN 4.2 - 4.5</b>	<b>425038</b>	Ratchet	<b>RAT 2</b>	<b>425051</b>
Formdrill	<b>DFSN 3.7</b>	<b>425039</b>	<b>Standard equipment for Hexacone®, Xign® and Place®</b>		
Formdrill	<b>DFSN 4.2-4.5</b>	<b>425040</b>	<b>S60019</b>		
Corticalis drill	<b>C Drill 5.5</b>	<b>425045</b>	<b>Insertion tools for Place®</b>		
Corticalis drill	<b>C Drill 3.7</b>	<b>425043</b>	<b>REF</b>		
Corticalis drill	<b>C Drill 4.2-4.5</b>	<b>425044</b>	For ratchet, long, 22 mm, clicks on, TriLobe, SC		<b>901500</b>
Drillstop A		<b>500881</b>	For ratchet, long, 22 mm, clicks on, TriLobe, WC		<b>901501</b>
Drillstop C		<b>500883</b>	For contra-angle, long, 20 mm, clicks on, TriLobe, SC		<b>901502</b>
Drillstop D		<b>500884</b>	For contra-angle, long, 20 mm, clicks on, TriLobe, WC		<b>901503</b>
Drillstop E		<b>500885</b>	For ratchet, short, 8 mm, clicks on, TriLobe, SC		<b>901504</b>
Drillstop G		<b>500887</b>	For ratchet, short, 8 mm, clicks on, TriLobe, WC		<b>901505</b>
Drillstop I		<b>500889</b>	For contra-angle, short, 8 mm, clicks on, TriLobe, SC		<b>901506</b>
Drillstop J		<b>500890</b>	For contra-angle, short, 8 mm, clicks on, TriLobe, WC		<b>901507</b>
Drillstop K		<b>500891</b>	<b>Set of 8 insertion tools for Place®</b>		
Drillstop L		<b>500892</b>	<b>S60029</b>		
Hex-instrument, long	<b>HT 1.25</b>	<b>425100</b>	<b>Standard equipment for Place®</b>		
Hex-instrument, short	<b>HTS 1.25</b>	<b>425101</b>	<b>S60019</b>		
			<b>Empty tray</b>		
			<b>60019</b>		
			<b>Tray with content for Place®</b>		
			<b>S60030</b>		

Please read our detailed instructions for cleaning and re-sterilisation of surgical instruments on [www.implant.com/de/instructions](http://www.implant.com/de/instructions) (Gebrauchsanweisungen - Implantate - Hygienemerklblatt)



# HEXACONE®

Zweiteilige Implantate



## The surface of the Hexacone® implant system

is sandblasted and acid etched in a high temperature process, and then osmoactive® packaged. Hexacone® implants feature an internal 6- or 12-edge, an internal marginal taper and a US standard internal thread. Made from Ti6Al4V ELI.

The drilling sequences for this system can be found in our system application.

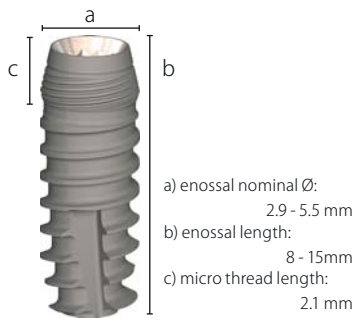
Mandatory, respectively recommended fastening torques for implants, abutments and fastening screws can be found on [www.implant.com/de/instructions](http://www.implant.com/de/instructions)

You could not find a specific implant system or a certain product in this catalog?  
Please have a look at [www.shop-implant.com](http://www.shop-implant.com)

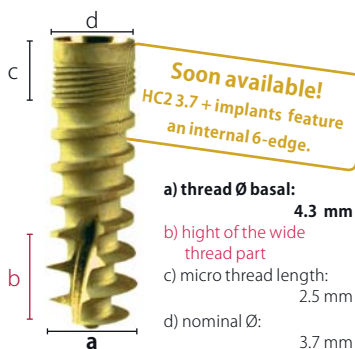
## HEXACONE® - IMPLANTS

The surface is sandblasted and acid etched (high temperature). After this the implants receive an osmoactive® are packaged in concentrated osmoactive solution. The implant features an internal 6- or 12-edge, an internal marginal taper and a US standard internal thread.

### Dimensions HC2 3.7 13



### Dimensions HC2 3.7 + 13

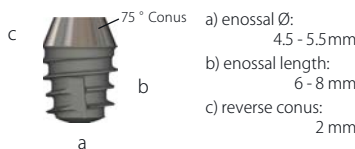


### Hexacone® - implants

Description	enossal Ø	enossal length	Code	REF
HC2 2.9 13	2.9 mm	13 mm	<b>HC2 2.9 13</b>	<b>413200</b>
HC2 2.9 15	2.9 mm	15 mm	<b>HC2 2.9 15</b>	<b>413201</b>
HC2 3.3 8	3.3 mm	8 mm	<b>HC2 3.3 8</b>	<b>413220</b>
HC2 3.3 10	3.3 mm	10 mm	<b>HC2 3.3 10</b>	<b>413221</b>
HC2 3.3 11.5	3.3 mm	11.5 mm	<b>HC2 3.3 11.5</b>	<b>413222</b>
HC2 3.3 13	3.3 mm	13 mm	<b>HC2 3.3 13</b>	<b>413223</b>
HC2 3.3 15	3.3 mm	15 mm	<b>HC2 3.3 15</b>	<b>413224</b>
HC2 3.7 + 8	3.7 mm	8 mm	<b>HC2 3.7 8</b>	<b>413202</b>
HC2 3.7 + 10	3.7 mm	10 mm	<b>HC2 3.7 10</b>	<b>413203</b>
HC2 3.7 + 11.5	3.7 mm	11.5 mm	<b>HC2 3.7 11.5</b>	<b>413210</b>
HC2 3.7 + 13	3.7 mm	13 mm	<b>HC2 3.7 13</b>	<b>413204</b>
HC2 3.7 + 15	3.7 mm	15 mm	<b>HC2 3.7 15</b>	<b>413205</b>
HC2 4.5 8	4.5 mm	8 mm	<b>HC2 4.5 8</b>	<b>413206</b>
HC2 4.5 10	4.5 mm	10 mm	<b>HC2 4.5 10</b>	<b>413207</b>
HC2 4.5 11.5	4.5 mm	11.5 mm	<b>HC2 4.5 11.5</b>	<b>413208</b>
HC2 4.5 13	4.5 mm	13 mm	<b>HC2 4.5 13</b>	<b>413209</b>
HC2 5.5 8	5.5 mm	8 mm	<b>HC2 5.5 8</b>	<b>413211</b>
HC2 5.5 10	5.5 mm	10 mm	<b>HC2 5.5 10</b>	<b>413212</b>
HC2 5.5 11.5	5.5 mm	11.5 mm	<b>HC2 5.5 11.5</b>	<b>413213</b>
HC2 5.5 13	5.5 mm	13 mm	<b>HC2 5.5 13</b>	<b>413214</b>

## HEXACONE® 6+2 - IMPLANTS

Hexacone® 6+2 was developed specially for the area of the 1st and 2nd molars in the upper and lower jaw. It is possible and recommendable to use it as a compression screw implant in the upper jaw. Enossal length 6 mm. The upper edge of the polished 75° reverse cone can end at bone level or slightly above it. The surface is sandblasted, acid etched in a high-temperature process and then osmoactive®-packaged.



Description	enossal Ø	enossal length	Code	REF
HC2 4.5 6+2	4.5 mm	6-8 mm	<b>HC2 4.5 6+2</b>	<b>413217</b>
HC2 5.5 6+2	5.5 mm	6-8 mm	<b>HC2 5.5 6+2</b>	<b>413218</b>







## SURGICAL ACCESSORIES



Each implant is supplied with this surgical screw (CSTI - REF 418101).

Description		Code	REF
Gingivaformer	for 3 mm mucous membrane height	<b>HSI 3</b>	<b>418111</b>
	for 5 mm mucous membrane height	<b>HSI 5</b>	<b>418112</b>
Wide gingivaformer	for 3 mm mucous membrane height	<b>HSIW 3</b>	<b>418191</b>
	for 5 mm mucous membrane height	<b>HSIW 5</b>	<b>418192</b>
Anatomic gingivaformer	3 mm high, 4.5 mm width	<b>HSI 3-4.5</b>	<b>418268</b>
	3 mm high, 5.5 mm width	<b>HSI 3-5.5</b>	<b>418269</b>
	5 mm high, 6.7 mm width	<b>HSI 5-6.7</b>	<b>418270</b>
Gingivaformer	3 mm high, 3.3 mm width	<b>HSIS 3-3.3</b>	<b>418277</b>
Gingivaformer MU	for HC MU	<b>GF MU</b>	<b>418302</b>

**Application limitations:** Hexacone 2.9 mm implants may not be placed in a heavily loaded area, especially not in the molar area. Likewise these implants may not be used where diagonal loading occurs, i.e. not for upper anteriors. Under no circumstances may Hexacone 2.9 mm implants be used for work that involves unsupported occlusal surfaces (consoles). If used in immediate load protocols, the prosthetic construction must be inserted on the 2nd postoperative day, and it should not be removed within the first 6 months.

Screw	Description	Code	REF
	Screwable abutment without anti-rotation protection for cemented bridges. Trimmable down and abradable is possible. Height above implant 8.5 mm, screw in with <b>HT 1.25</b> Hex key. The impression is made directly on the TCA, with tool TZ HC.	<b>TCA</b>	<b>418129</b>
	Screwable abutment without anti-rotation protection for cemented bridges. Trimmable down and abradable is possible. Screw in with <b>HT 1.25</b> Hex key. The impression is made directly on the TCA.	<b>TCA W</b>	<b>418173</b>
	SF 21 { Superstructure with hex and screw, straight, for cemented bridges. Can be shortened and trimmed. Height above implant 8.5 mm. Fasten with <b>HT 1.25</b> .	<b>TLA HC</b>	<b>418133</b>
		<b>TLAS</b>	<b>418134</b>
		<b>TLA HC2</b>	<b>418170</b>
		<b>TLA HC4</b>	<b>418171</b>
	Abutment TLA W	<b>TLA W</b>	<b>418193</b>
	SF 21 { TLA, 15° angled, 1 mm gingival height (GH), including screw TLA, 15° angled, 2 mm gingival height (GH), including screw TLA, 15° angled, 3 mm gingival height (GH), including screw TLA, 25° angled, 1 mm gingival height (GH), including screw TLA, 25° angled, 2 mm gingival height (GH), including screw TLA, 25° angled, 3 mm gingival height (GH), including screw	<b>TLA 15 HC1</b>	<b>418135</b>
		<b>TLA 15 HC2</b>	<b>418136</b>
		<b>TLA 15 HC3</b>	<b>418137</b>
		<b>TLA 25 HC1</b>	<b>418139</b>
		<b>TLA 25 HC2</b>	<b>418140</b>
		<b>TLA 25 HC3</b>	<b>418141</b>
	Anatomic Abutment	<b>ANAB</b>	<b>418276</b>

Recommended insertion torque: 20 Ncm

### Impression taking and laboratory accessories

								
<b>Code REF</b> <b>TSL HC</b> <b>418110</b>	<b>TS HC</b> <b>418109</b>	<b>HLT</b> <b>418108</b>	<b>HLTC</b> <b>418107</b>	<b>SF HLT long</b> <b>418185</b>	<b>IA HC / IA 12 HC 2</b> <b>418113 / 418177**</b>	<b>IA HC M / IA 12 M HC 2</b> <b>418115 / 418178**</b>	<b>PA HC</b> <b>418181</b>	<b>PA TLA HC</b> <b>418172</b>
Impression post for HC. Height: 15.5 mm	Impression post for HC, Height: 10.6 mm	Impression post for TLA, TLA 15, TLA 25	Transfer post. Suitable for 6-edge and 12-edge. Click on.	Pickup-screw for 418108/ HLT impression post	418113 = Implant analogue for Hex 418177 = for Dual - Hex	Implant analogue with 5 sleeves, intern. Hex	Castable abutment for TCA, TLA	Castable abutment for TLA HC2/4





### TEMPORARY CAP



Description	Code	REF
Temporary cap, for TCA W HC, TLA W HC	<b>TPB W</b>	<b>418194</b>

### HC SET 1

#### Impression taking and laboratory accessories

			
<b>Code/REF</b> <b>TLA HC</b> <b>REF 418133</b>	<b>TZ HC</b> <b>REF 418179</b>	<b>PA HC</b> <b>REF 418181</b>	<b>IA 12</b> <b>REF 418177**</b>
Straight abutment	Impression utility	Castable cap	Implant analogue with 12-edge
<b>REF 418182 for the complete SET</b>			

\*\* Note: For the Hexacone-implant with 12-edge, the implant analogue IA12 (REF 418177) or IA12 M (REF 418178) is used.

# ABUTMENTS FOR SCREW-IN PROSTHETICS



Description	Code	REF
Screwable abutments for bridges and bars, deliverable for mucogingival levels of 3, 4, 5, 6 mm. Screw in with <b>HT 1.77</b> .	<b>TSA 3</b>	<b>418143</b>
	<b>TSA 4</b>	<b>418144</b>
	<b>TSA 5</b>	<b>418145</b>
	<b>TSA 6</b>	<b>418146</b>

**Impression taking and laboratory accessories**

<b>Code REF</b> <b>TS</b> <b>418142</b> Impression post	<b>BTS</b> <b>418152</b> TSA-analogue	<b>PSS (white)</b> Castable abutment, 10.5 mm high 5 per pack	<b>SF</b> <b>418151</b> Fastening screw for PSS on BTS/TSA



Description	Code	REF	Price cat.
Screwable mesostructure for bridges and bars, screw in with <b>HT 1.77</b> hex key. For mucogingival levels of 0.5 mm, 1.5 mm and 2.5 mm.	<b>TCT HC 0.5</b>	<b>418130</b>	<b>B</b>
	<b>TCT HC 1.5</b>	<b>418131</b>	<b>B</b>
	<b>TCT HC 2.5</b>	<b>418132</b>	<b>B</b>

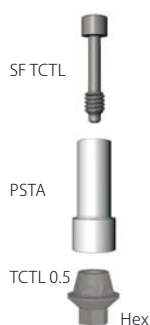
Recommended insertion torque: 20 Ncm

**Impression taking and laboratory accessories**

<b>Code REF</b> <b>TST</b> <b>418147</b> Transfer post	<b>SFL</b> Long screw	<b>BTT</b> <b>418100</b> TCT-analogue	<b>PSTR (grey)</b> <b>418124</b> (pack of 5) Castable abutment, 12 mm high, round inside	<b>PSTA</b> <b>418123</b> (pack of 5) Castable abutment, 12 mm high, edged inside	<b>SF</b> <b>418151</b> Fastening screw

In this approach the position of the TCT hex is assigned.

## TCT-SET



Description	Code	REF
Screw for PSTA	SF TCTL	<b>418165</b>
Castable abutment, 12 mm high, edged inside	PSTA	<b>418123</b>
Screw-on meso structure for bridges and bases	TCTL 0.5	<b>418138</b>
TCT Set (TCTL 0.5, PSTA, SF TCTL)		<b>418263</b>

**Impression taking and laboratory accessories**

<b>Code REF</b> <b>IA HC / IA 12 HC 2</b> <b>418113 / 418177**</b> Implant analogue for Hexacone® IA HC = 6 -edges IA 12 HC = 12-edges	<b>IA 12 HC</b>	<b>HLT</b> <b>418108</b> Transfer post for HC and HC2, with Hex.	<b>PSTR</b> <b>418124 (5 pieces)</b> Alternative: Castable abutment, round inside 12 mm high

**\*\* Note: For the Hexacone-implant with 12-edge, the implant analogue IA12 (REF 418177) or IA12 M (REF 418178) is used.**

## ABUTMENTS



Description	Material	Code	REF
HEX-reverse-abutment, incl. screw SF 275 (REF 418275)	Ti6Al4V	<b>HRA HC</b>	<b>418273</b>
Tempbase for HRA HC		<b>TPB E</b>	<b>418274</b>

This abutment turns the internal hexagon of the Hexacone-implant into an external standard-hexagon. The prosthetic screw is screwed through. It tightens the prosthetic and the abutment at the same time.

## CASTABLE ABUTMENTS



Description	Code	REF
Castable abutments with hex, incl. metal basis (Ti6Al4V) and screw for crown 10 mm high, white (not for casting-on)	<b>PLAB</b>	<b>418120</b>
Castable abutments with hex, incl. metal basis (CoCrMo) and screw for crown 10 mm high, white (for direct casting-on)	<b>PLAB 2</b>	<b>418183</b>
Castable abutment including screw for bridges (UCLA technique) 10 mm, red	<b>PLA</b>	<b>418158</b>

Recommended insertion torque: 20 Ncm

### Impression taking and laboratory accessories



**Code** HLT  
**REF** 418108  
Transfer post for **HC** and **HC 2**, with Hex.



**Code** HLTC  
**REF** 418107  
Transfer post for snapping onto the Hexacone® implant. Suitable for 6-edge and 12-edge. Click on.



**Code** SF HLT long  
**REF** 418185  
Pickup-screw for 418108 / HLT impression post



**Code** IA HC / IA 12 HC 2  
**REF** 418113 / 418177\*\*  
Implant analogue for Hexacone®  
**IA HC** = 6-edges  
**IA 12 HC** = 12-edges

\*\* Note: For the Hexacone-implant with 12-edge, the implant analogue IA12 (REF 418177) or IA12 M (REF 418178) is used.

## LOCALICER®



Description	Code	REF
Localicer® for Hexacone® hight 2 mm	<b>LOC HC 2</b>	<b>418116</b>
Localicer® for Hexacone® hight 4 mm	<b>LOC HC 4</b>	<b>418117</b>

Adequate tool: HT 1.77. We recommend to use minimally 6 implants per jaw and to use a single denture as splinting.

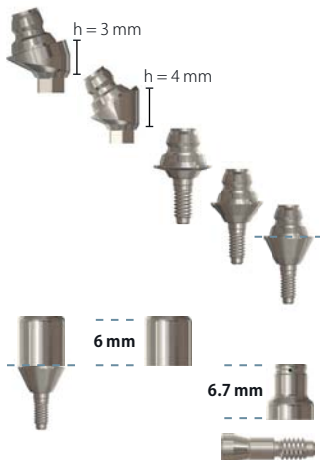
## ACCESSORIES FOR LOCALICER®



Description	Code	REF
Instrument for mounting and de-mounting Localicer Caps	<b>LOC Tool</b>	<b>462335</b>
Analog + impression cap set	<b>AA LOC</b>	<b>462337</b>
Set with 4 nylon caps + 1 housing	<b>NCS</b>	<b>462338</b>
Set of two, yellow, with increased friction strength	<b>R-Cap</b>	<b>462336</b>

Pull-off force: \*black 125 g, red 350 g, blue 500 g, pink 1000 g  
\*Black cap is for temporary solutions up to one month.

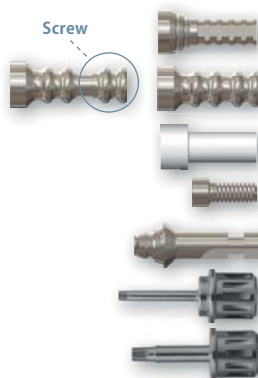
## MULTI - UNIT ABUTMENTS



Description	Code	REF
MU2 17 HC, angled, Ti6Al4V, incl. SF 20	<b>MU2 17 HC</b>	<b>418281</b>
MU2 35 HC, angled, Ti6Al4V, incl. SF 20	<b>MU2 35 HC</b>	<b>418282</b>
MU2S 0.5 HC, straight, Ti6Al4V	<b>MU2S 0.5 HC</b>	<b>418283</b>
MU2S 1.5 HC, straight, Ti6Al4V	<b>MU2S 1.5 HC</b>	<b>418284</b>
MU2S 2.5 HC, straight, Ti6Al4V	<b>MU2S 2.5 HC</b>	<b>418285</b>
GF MU2 gingivaformer, Ti6Al4V. Incl. SF MU2 H above abutment shoulder 6 mm		<b>418286</b>
MU2 localicer, Ti6Al4V. Incl. SF MU2 Hight above abutment shoulder 6.7 mm		<b>418287</b>
Prosthetic screw for MU2	<b>SF 20</b>	<b>420943</b>

Insertion of the angled MU2-abutments with HT 1.25  
Insertion of the straight MU2S-abutments with HT 1.77

## ACCESSORIES FOR MULTI - UNIT ABUTMENTS



Description	Code	REF
Temporary base, Ti6Al4V (SF MU2 has to be ordered separately)	<b>TC MU2</b>	<b>418290</b>
Transfer straight, Ti6Al4V, incl. screw SFL MU2	<b>TS MU2</b>	<b>418291</b>
Castable for multiunit, incl. screw	<b>PA MU2</b>	<b>418292</b>
Screw for TC MU, Ti6Al4V	<b>SF MU2</b>	<b>418293</b>
Lab analogue for multiunit, Ti6Al4V	<b>IA MU2</b>	<b>418295</b>
Hex-instrument, long	<b>HT 1.25</b>	<b>425100</b>
Hex-instrument, long	<b>HT 1.77</b>	<b>425103</b>

## ACCESSORIES



Description	Code	REF
Ball abutments for fitting prostheses, head diameter 2.5 mm, for fitting to TSA 3 - 6 abutments, <b>application on TSA 3 - 6 abutments</b>	<b>SB</b>	<b>418153</b>

### Impression taking and laboratory accessories

				Nylon cap NC			Nylon cap R-NC with increased friction strength (for usage with worn-out Localicer)			
Code	TSA 3 bis 6	TS	BTS	NC	NC 1	NC 2	R-NC	R-NC 1	R-NC 2	H
REF	418143 / -46	418142	418152	465028	465029	465030	465034	465033	465032	465031
	Hight above implant 3-6 mm	Impression post for TSA and TCA	TSA-analogue	ca. 1200 g white	ca. 800 g pink	ca. 500 g yellow	green, strong	pink, medium	orange, soft	Sleeve for all NC
				Pull-off forces						



Description	Hight h	Code	REF
Ball abutment, head - Ø2.5mm	0.5 mm	<b>TB 0.5</b>	<b>418126</b>
Use with HT 1.25	2.0 mm	<b>TB 2</b>	<b>418127</b>
	4.0 mm	<b>TB 4</b>	<b>418128</b>

Use with NC-caps



Description	Code	REF
Metal sleeve for NC / NC 1 / NC 2 for polymerization directly into the denture	<b>H</b>	<b>H</b>

## REVERSE CONE CYLINDER



Description	Code	REF
Bur cylinder, rverse, 20°. Incl. screw SF 20	<b>FZ 20 HC</b>	<b>418262</b>

## EINBRINGHILFEN



Description	Type	Code	REF
IT 2.5	Short, 8 mm, click-on, 6-edges	<b>IT 2.5</b>	<b>418174</b>
ITL 2.5	Long, 22 mm, click-on, 6-edges	<b>ITL 2.5</b>	<b>418175</b>
ITM 2.5	Medium, 20 mm, click-on, 6-edges	<b>ITM 2.5</b>	<b>418176</b>
IT 2.5 M	Insertion tool for contra-angle handp.	<b>IT 2.5 M</b>	<b>418150</b>
IT 2.5 M 12	Insertion tool contra-angle, 12-edges Insertion torque with max. 40 Ncm	<b>IT 2.5 M 12</b>	<b>418200</b>
ITWH 2.5 M	Insertion tool contra-angle for HC	<b>ITWH 2.5 M</b>	<b>418184</b>
IT1 12	Insertion tool short, 12-edges	<b>IT1 12</b>	<b>418197</b>
IT2 12	Insertion tool long, 12-edges	<b>IT2 12</b>	<b>418198</b>
IT3 12	Insertion tool medium, 12-edges	<b>IT3 12</b>	<b>418199</b>

TOOLS

	Description	Type	Length	Code	REF
	Hex-tool 1.25	long	21 mm	<b>HT 1.25</b>	<b>425100</b>
	Torx-tool 1.25	long	21 mm	<b>TT 1.25</b>	<b>425105</b>
	Hex-tool for contra-angle, extralong		45 mm	<b>HTW 1.25</b>	<b>425111</b>
	Hex-tool 1.25	short	14 mm	<b>HTS 1.25</b>	<b>425101</b>
	Hex-tool 1.77	for all suprastructures	19 mm	<b>HT 1.77</b>	<b>425103</b>
	Hex-tool 1.25 M for contra-angle, long		26.1 mm	<b>HT 1.25 M</b>	<b>425112</b>
	Hex-tool 1.77 M for contra-angle, long		28.6 mm	<b>HT 1.77 M</b>	<b>425113</b>
	Hex-tool for contra-angle, extralong		45 mm	<b>HTX 1.77</b>	<b>425104</b>
	Punch, 4.9 mm Ø for contra-angle			<b>PUW 1</b>	<b>425404</b>
	Punch, 3.9 mm Ø for contra-angle			<b>PUW 2</b>	<b>425405</b>
	Punch, 5.2 mm Ø manual			<b>PU</b>	<b>425406</b>
	standardized probe	Scale 1 mm for X-ray measurements	22 mm	<b>PDG</b>	<b>425400</b>
	DX2	Drill extension contra angle handpiece, extends by 19 mm		<b>DX2</b>	<b>500704</b>
	DX2 H	Drill extension contra angle handpiece, extends by 19 mm, W&H-hexagon on shank and in front section		<b>DX2 H</b>	<b>500708</b>
	Guide sleeve	Titanium, for pilot drill, 5 pieces / unit	10 mm	<b>BFH</b>	<b>425401</b>
	X-ray measuring sphere	Surgical steel 5 pieces / unit, 0.5 mm Ø		<b>RM</b>	<b>425403</b>
	Handle, self-locking **				<b>311431</b>
	Handle for adapter, screwable				<b>311430</b>
	Adapter for all contra angle handpiece instruments, compatible to handle		110 mm		<b>310530</b>
	Ratchet	For all Hex-instruments and applicators		<b>RAT 2</b>	<b>425051</b>
	Ratchet	Angled, for all Hex-instruments and applicators		<b>RAT 3</b>	<b>425052</b>
	TW 2 *	Torque Wrench (heavy duty), 10 - 70 Ncm		<b>TW 2</b>	<b>425402</b>
	UAW***	Universal ratchet adapter for all contra angle handpiece instruments, for TW2 and RAT2. Max. 30 Ncm		<b>UAW</b>	<b>425107</b>

\* It is recommended to have the torque ratchets recalibrated by us once a year.

\*\* for cleaning this instrument an ultrasonic cleaning device and a thermo-desinfector (i.e. Miele TD-series) are required. If these devices are not available in the dental office the handle with REF311430 should be purchased instead.



\*\*\* Do not use **UAW** in combination with **RAT2** with Heatless® bone drills. The maximum insertion torque for **UAW** and Heatless® bone drills is 35 Ncm. **UAW** may therefore be used only with **TW2**.





HEATLESS® - DRILL DFN / DFLN FOR IMPLANTS WITH CONICAL CORE



	Ø working range	Max. working depth	Total length	Color	Code	REF
	0.1 mm - 1.5 mm	15 mm	31.7 mm	yellow	<b>BCD 1</b>	<b>900240</b>
	0.1 mm - 1.5 mm	15 mm	42 mm	yellow	<b>BCDX 1</b>	<b>900243</b>
	2.0 mm / 3.6 mm	13 mm	30 mm		<b>DFN 2.9 13</b>	<b>418102</b>
	2.0 mm / 3.6 mm	15 mm	32 mm		<b>DFN 2.9 15</b>	<b>418103</b>
	2.0 mm	17 mm	36.5 mm		<b>DS 2</b>	<b>425001</b>
	2.8 mm	17 mm	36.5 mm		<b>DS 2.8</b>	<b>425005</b>
	2.7 mm	18 mm	36 mm		<b>DFN 3.0</b>	<b>425030</b>
	3.0 mm	18 mm	36 mm		<b>DFN 3.4</b>	<b>425031</b>
	3.4 mm	18 mm	36 mm		<b>DFN 3.7</b>	<b>425032</b>
	4.05 mm	18 mm	36 mm		<b>DFN 4.2 - 4.5</b>	<b>425033</b>
	4.4 mm	18 mm	36 mm		<b>DFN 5.5</b>	<b>425034</b>
	2.7 mm	18 mm	39 mm		<b>DFLN 3.0</b>	<b>425035</b>
	3.0 mm	18 mm	39 mm		<b>DFLN 3.4</b>	<b>425036</b>
	3.4 mm	18 mm	39 mm		<b>DFLN 3.7</b>	<b>425037</b>
	4.05 mm	18 mm	39 mm		<b>DFLN 4.2 - 4.5</b>	<b>425038</b>
	3.4 mm	11.5 mm	30 mm		<b>DFSN 3.7</b>	<b>425039</b>
	3.9 mm	11.5 mm	30 mm		<b>DFSN 4.2 - 4.5</b>	<b>425040</b>
	max. 3.4 mm	5 mm	27 mm		<b>C Drill 3.7</b>	<b>425043</b>
	max. 4.05 mm	5 mm	27 mm		<b>C Drill 4.2 - 4.5</b>	<b>425044</b>
	max. 5.8 mm	5 mm	27 mm		<b>C Drill 5.5</b>	<b>425045</b>

★ It has been scientifically proven that **Dr. Ihde** Dental heatless® drills generate 55% less heat than traditional bone drills from other manufacturers. This makes it possible to use higher rotational speeds: between 3,000 and 5,000 rpm are recommended with good external cooling and intermittent drill technique.

★★ Namely for the Implant-systems, Hexacone®, Xign®, Place®.

TITAN BASE



Description	Type	Material	Code	REF
Titan base incl. screw	Abutment basefor zirkonium	Ti6Al4V	<b>MB HC</b>	<b>418267</b>
Titan base incl. screw		Ti6Al4V	<b>MBR HC</b>	<b>418272</b>
Base for TPB 3 HC incl. screw SF 20	For scanner to HC implants	BioPEEK®	<b>TPB 3 HC</b>	<b>418280</b>

Please read our detailed instructions for cleaning and re-sterilisation of surgical instruments on [www.implant.com/de/instructions](http://www.implant.com/de/instructions) (Gebrauchsanweisungen - Implantate - Hygienemerklatt)

## METAL - TRAY

Autoclavable up to 134 °C, not suitable for dry heat sterilizers



**Size of closed tray**  
**B = 105 mm / L = 230 mm / H = 50 mm**  
**for all autoclaves**

## CONTENT FOR THE HEXACONE® - TRAY

Description	Code	REF
Twistdrill DS 2	DS 2.0	425001
Stepdrill DFN 2.9 13	DFN 2.9 13	418102
Stepdrill DFN 2.9 15	DFN 2.9 15	418103
Formdrill DFN 3.0	DFN 3.0	425030
Formdrill DFN 3.4	DFN 3.4	425031
Formdrill DFN 3.7	DFN 3.7	425032
Formdrill DFN 4.2 - 4.5	DFN 4.2-4.5	425033
Corticalis drill 3.7	C Drill 3.7	425043
Corticalis drill 4.2 - 4.5	C Drill 4.2-4.5	425044
Insertion tool, long		418175
Insertion tool, short		418174
Universal ratchet adapter	UAW	425107
Ratchet	RAT 2	425051
Hex-instrument, long	HT 1.25	425100
Hex-instrument, short	HTS 1.25	425101
Hex-instrument, long	HT 1.77	425103
ITKD	ITKD	462334
Drill extension, contra angle handpiece	DX2	500704
Insertion tool for contra-angle handpiece	IT 2.5 M	418150
Punch for contra-angle handpiece	PUW 1	425404
Standardized probe, parallelism aid (3x)	PDG	425400
Metal-Tray (empty)		60017
<b>Metal-Tray (with content)</b>		<b>560017</b>

PLASTIC - TRAY

Autoclavable up to 134 °C, not suitable for dry heat sterilizers



Size of closed tray  
B = 180 mm / L = 290 mm / H = 80 mm  
for wide autoclaves

CONTENT

Description	Code	REF	Description	Code	REF																		
<b>Standard equipment for system Hexacone® and Xign®</b>																							
Step one	<b>Step one</b>		Hex-instrument, long HT 1.25		<b>425100</b>																		
Twistdrill	<b>DS 2.0</b>	<b>425001</b>	Hex-instrument, short HTS 1.25		<b>425101</b>																		
Twistdrill	<b>DS 2.8</b>	<b>425005</b>	Hex-instrument, long HT 1.77		<b>425103</b>																		
Formdrill	<b>DFN 3.0</b>	<b>425030</b>	Hex-instrument HT 0.9		<b>422428</b>																		
Formdrill	<b>DFN 3.4</b>	<b>425031</b>	Torx-instrument TT 1.25		<b>425105</b>																		
Formdrill	<b>DFN 3.7</b>	<b>425032</b>	genormte, Parallelitätshilfe	<b>PDG 3.0</b>	<b>422416</b>																		
Formdrill	<b>DFN 4.2-4.5</b>	<b>425033</b>	Standardized probe, parallelism aid	<b>PDG 3.4</b>	<b>422417</b>																		
Formdrill	<b>DFLN 3.4</b>	<b>425036</b>	Standardized probe, parallelism aid	<b>PDG 3.8</b>	<b>422418</b>																		
Formdrill	<b>DFLN 3.7</b>	<b>425037</b>	Standardized probe, parallelism aid	<b>PDG 4.5</b>	<b>422419</b>																		
Formdrill	<b>DFLN 4.2-4.5</b>	<b>425038</b>	Drill extension, contra angle	<b>DX2</b>	<b>500704</b>																		
Formdrill	<b>DFSN 3.7</b>	<b>425039</b>	Universal ratchet adapter		<b>425107</b>																		
Formdrill5	<b>DFSN 4.2 - 4.5</b>	<b>425040</b>	Ratchet	<b>RAT2</b>	<b>425051</b>																		
Corticalis drill	<b>C Drill 5.5</b>	<b>425045</b>	<b>Standard equipment for Hexacone®, Xign® and Place®</b>																				
Corticalis drill	<b>C Drill 3.7</b>	<b>425043</b>	<b>S60019</b>																				
Corticalis drill	<b>C Drill 4.2-4.5</b>	<b>425044</b>																					
Drillstop A		<b>500881</b>																					
Drillstop C		<b>500883</b>																					
Drillstop D		<b>500884</b>																					
Drillstop E		<b>500885</b>																					
Drillstop G		<b>500887</b>																					
Drillstop I		<b>500889</b>																					
Drillstop J		<b>500890</b>																					
Drillstop K		<b>500891</b>																					
Drillstop L		<b>500892</b>																					
			<table border="1"> <thead> <tr> <th>Description</th> <th>REF</th> </tr> </thead> <tbody> <tr> <td>Stepdrill DFN 2.9 13</td> <td><b>418102</b></td> </tr> <tr> <td>Stepdrill DFN 2.9 15</td> <td><b>418103</b></td> </tr> <tr> <td>Insertion tool IT 2.5 M</td> <td><b>418150</b></td> </tr> <tr> <td>Insertion tool IT 2.5</td> <td><b>418174</b></td> </tr> <tr> <td>Insertion tool ITL 2.5</td> <td><b>418175</b></td> </tr> <tr> <td>Additional content for Hexacone®</td> <td><b>S60025</b></td> </tr> <tr> <td>Plastic-tray (empty)</td> <td><b>60019</b></td> </tr> <tr> <td><b>Complete content Root- Form Tray</b> for application of systems Hexacone®, Xign® and Place®</td> <td><b>S60026</b></td> </tr> </tbody> </table>			Description	REF	Stepdrill DFN 2.9 13	<b>418102</b>	Stepdrill DFN 2.9 15	<b>418103</b>	Insertion tool IT 2.5 M	<b>418150</b>	Insertion tool IT 2.5	<b>418174</b>	Insertion tool ITL 2.5	<b>418175</b>	Additional content for Hexacone®	<b>S60025</b>	Plastic-tray (empty)	<b>60019</b>	<b>Complete content Root- Form Tray</b> for application of systems Hexacone®, Xign® and Place®	<b>S60026</b>
Description	REF																						
Stepdrill DFN 2.9 13	<b>418102</b>																						
Stepdrill DFN 2.9 15	<b>418103</b>																						
Insertion tool IT 2.5 M	<b>418150</b>																						
Insertion tool IT 2.5	<b>418174</b>																						
Insertion tool ITL 2.5	<b>418175</b>																						
Additional content for Hexacone®	<b>S60025</b>																						
Plastic-tray (empty)	<b>60019</b>																						
<b>Complete content Root- Form Tray</b> for application of systems Hexacone®, Xign® and Place®	<b>S60026</b>																						

## DRILLSTOP - TRAY

Not suitable for dry heat sterilizers



## CONTENT

Description	Code	REF
Drillstop A		500881
Drillstop C		500883
Drillstop D		500884
Drillstop E		500885
Drillstop G		500887
Drillstop I		500889
Drillstop J		500890
Drillstop K		500891
Drillstop L		500892
Formdrill	DFN 3.0	425030
Formdrill	DFN 3.4	425031
Formdrill	DFN 3.7	425032
Formdrill	DFN 4.2 - 4.5	425033
Formdrill	DFN 5.5	425034
Formdrill	DFLN 3.0	425035
Formdrill	DFLN 3.4	425036
Formdrill	DFLN 3.7	425037
Formdrill	DFLN 4.2 - 4.5	425038
<b>Drillstop-tray (with content)</b>		<b>60031-K</b>

Please read our detailed instructions for cleaning and re-sterilisation of surgical instruments on [www.implant.com/de/instructions](http://www.implant.com/de/instructions) (Gebrauchsanweisungen - Implantate - Hygienemerckblatt)

## STARTER - TRAY

Autoclavable up to 134 °C, not suitable for dry heat sterilizers  
 This surgical kit contains all drills and tools for first works with the Hexacone® system.  
 Material: autoclavable plastic



Shown content  
 for Hexacone® and Place®

## CONTENT

Description	Code	REF
Insertion tool	IT 2.5	418174
Insertion tool	ITL 2.5	418175
Insertion tool for contra angle handpiece	IT 2.5M	418150
Hex-instrument, long	HT 1.25	425100
Spiraldrill	DS 2	425001
Formdrill	DFN 3.0	425030
Formdrill	DFN 3.4	425031
Formdrill	DFN 3.7	425032
Formdrill	DFN 4.2 - 4.5	425033
Corticalis drill 3.7	C Drill 3.7	425043
Insertion tool, long, PL SC for Ratchet*	IT1 PL SC*	901500*
Insertion tool, long, PL WC for Ratchet*	IT1 PL WC*	901501*
Insertion tool PL SC, for contra angle handpiece*	IT 1M PL SC*	901502*
Insertion tool PL WC, for contra angle handpiece*	IT 1M PL WC*	901503*
Torque wrench	TW2	425402
<b>Starter-tray for Hexacone® (with content)**</b>		<b>S60021-K</b>
<b>Starter-tray for Hexacone® and Place® (with content)**</b>		<b>S60021-K</b>

\* Optional additional content for Place®

\*\* Tray without content upon request

Please read our detailed instructions for cleaning and re-sterilisation of surgical instruments on  
[www.implant.com/de/instructions](http://www.implant.com/de/instructions) (Gebrauchsanweisungen - Implantate - Hygienemerklblatt)

# XIGN®



## The Allfit® implant system Xign®

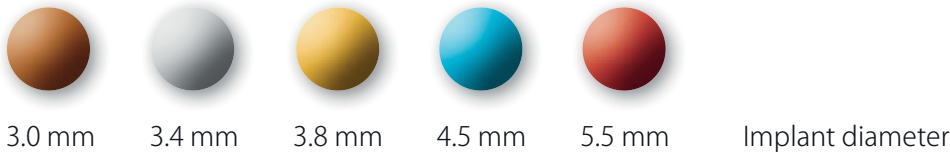
is designed for enossal dental implantations. The Xign® implant system is suitable for single-step and dual-step implant protocols. It is made of Grade 4 pure titanium. Xign® implants have a surface abraded with aluminium oxide and then hot etched, and they are osmoactive® packaged. All accessory parts are colorcoded.

The drilling sequences for this system can be found in our system application.

Mandatory, respectively recommended fastening torques for implants, abutments and fastening screws can be found on [www.implant.com/de/instructions](http://www.implant.com/de/instructions)

You could not find a specific implant system or a certain product in this catalog?  
Please have a look at [www.shop-implant.com](http://www.shop-implant.com)

COLOR CODING



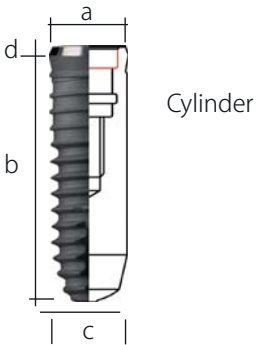
XIGN® IMPLANTS

The surface is etched in a high-temperature procedure and subsequently osmoactive® packaged. Xign® implants feature two high-precision internal cylindrical guides and hexagon.



Xign® - implants (Hex + cylindrical guide)

Description	enossal Ø	enossal length	Max. head- Ø	REF
Xi 3.0 11.5*	3.0 mm	11.5 mm	3.2 mm	<b>422000</b>
Xi 3.0 13*	3.0 mm	13 mm	3.2 mm	<b>422001</b>
Xi 3.0 15*	3.0 mm	15 mm	3.2 mm	<b>422002</b>
Xi 3.4 8	3.4 mm	8 mm	3.6 mm	<b>422003</b>
Xi 3.4 10	3.4 mm	10 mm	3.6 mm	<b>422004</b>
Xi 3.4 11.5	3.4 mm	11.5mm	3.6 mm	<b>422005</b>
Xi 3.4 13	3.4 mm	13 mm	3.6 mm	<b>422006</b>
Xi 3.4 15	3.4 mm	15 mm	3.6 mm	<b>422007</b>
Xi 3.8 8	3.8 mm	8 mm	4.1mm	<b>422008</b>
Xi 3.8 10	3.8 mm	10 mm	4.1mm	<b>422009</b>
Xi 3.8 11.5	3.8 mm	11.5 mm	4.1mm	<b>422010</b>
Xi 3.8 13	3.8 mm	13 mm	4.1mm	<b>422011</b>
Xi 3.8 15	3.8 mm	15 mm	4.1mm	<b>422012</b>
Xi 4.5 6+2	4.5 mm	6 - 8 mm	4.5 mm	<b>422013</b>
Xi 4.5 8	4.5 mm	8 mm	4.8 mm	<b>422014</b>
Xi 4.5 10	4.5 mm	10 mm	4.8 mm	<b>422015</b>
Xi 4.5 11.5	4.5 mm	11.5 mm	4.8 mm	<b>422016</b>
Xi 4.5 13	4.5 mm	13 mm	4.8 mm	<b>422017</b>
Xi 4.5 15	4.5 mm	15 mm	4.8 mm	<b>422018</b>
Xi 5.5 6+2	5.5 mm	6 - 8 mm	5.5 mm	<b>422019</b>



\* Premounted insertion aid included (TempBase®). Remove insertion aid with hex tool **HT 0.9**

- a) max. head-Ø: 3.2/3.6/4.1/4.5/4.8/5.5 mm
- b) enossal length: 6 - 15 mm
- c) enossal Ø: 3.0 - 5.5 mm
- d) polished edge: 0.35/0.35/0.4/0.4/2 mm

Incl. surgical screw

For Implants with 3.0 mmd and 3.4 mmd, the max. torque for prosthetic screw is 13 Nm.

For Implants with 3.8 mmd, the max. torque for the prosthetic screw is 20 Ncm.

For all other prosthetic screws the max. torques is 25 Ncm

Xi 4.5 6+2 / Xi 5.5 6+2  
Compatible abutment size = 3.8

TEMPBASE® TEMPORARY BASE



Description	Code	REF
Cap for TempBase® Xi 3.0, pack of 5	<b>TPB K Xi 3.0</b>	<b>422315</b>

## SURGICAL SCREWS



### Surgical screw for Xign®

Description	Code	REF
Surgical screw for 3.0 mm Ø brown	<b>CST Xi 3.0</b>	<b>422300</b>
Surgical screw for 3.4 mm Ø silver	<b>CST Xi 3.4</b>	<b>422301</b>
Surgical screw for 3.8 mm Ø yellow	<b>CST Xi 3.8</b>	<b>422302</b>
Surgical screw for 4.5 mm Ø blue	<b>CST Xi 4.5</b>	<b>422303</b>

## GINGIVAFORMER



Cylindrical gingivaformer	Code	REF
Gingivaformer 3.0 mm Ø, brown		
for 2 mm mucous membrane height	<b>HS Xi 3.0 2</b>	<b>422304</b>
for 4 mm mucous membrane height	<b>HS Xi 3.0 4</b>	<b>422305</b>
Gingivaformer 3.4 mm Ø, silver		
for 2 mm mucous membrane height	<b>HS Xi 3.4 2</b>	<b>422306</b>
for 4 mm mucous membrane height	<b>HS Xi 3.4 4</b>	<b>422307</b>
Gingivaformer 3.8 mm Ø, yellow		
for 2 mm mucous membrane height	<b>HS Xi 3.8 2</b>	<b>422308</b>
for 4 mm mucous membrane height	<b>HS Xi 3.8 4</b>	<b>422309</b>
Gingivaformer 4.5 mm Ø, blue		
for 2 mm mucous membrane height	<b>HS Xi 4.5 2</b>	<b>422310</b>
for 4 mm mucous membrane height	<b>HS Xi 4.5 4</b>	<b>422311</b>

Anatomical gingivaformer	Code	REF
Gingivaformer 3.0 mm Ø, brown		
Hight 4 mm, width at top 6 mm	<b>HS Xi 3.0 h4w6</b>	<b>422480</b>
Gingivaformer 3.4 mm Ø, silver		
Hight 4 mm, width at top 6 mm	<b>HS Xi 3.4 h4w6</b>	<b>422481</b>
Gingivaformer 3.8 mm Ø, yellow		
Hight 4 mm, width at top 6 mm	<b>HS Xi 3.8 h4w6</b>	<b>422482</b>
Gingivaformer 4.5 mm Ø, blue		
Hight 4 mm, width at top 6 mm	<b>HS Xi 4.5 h4w6</b>	<b>422483</b>





## TEMPBASE® ABUTMENTS FOR TEMPORARY TREATMENT



Abutments for provisorische Versorgungen	Code	REF
TempBase® for Xi 3.0, 3 mm transmucosal height	<b>TPB Xi 3.0 3</b>	<b>422316</b>
TempBase® for Xi 3.4, 3 mm transmucosal height	<b>TPB Xi 3.4 3</b>	<b>422312</b>
TempBase® for Xi 3.8, 3 mm transmucosal height	<b>TPB Xi 3.8 3</b>	<b>422313</b>
TempBase® for Xi 4.5, 3 mm transmucosal height	<b>TPB Xi 4.5 3</b>	<b>422314</b>



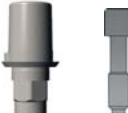
ABUTMENTS FOR CEMENTED PROSTHETICS

	Screw / REF	Description	H mucous membran	Color	REF
Straight	 <b>SF 2305</b>	TLA Xi 3.0 2	2 mm	brown	<b>422317</b>
		TLA Xi 3.0 3	3 mm	brown	<b>422318</b>
		TLA Xi 3.0 5	5 mm	brown	<b>422319</b>
	 <b>SF 2301</b>	TLA Xi 3.4 1	1 mm	silver	<b>422320</b>
		TLA Xi 3.4 2	2 mm	silver	<b>422321</b>
		TLA Xi 3.4 3	3 mm	silver	<b>422322</b>
		TLA Xi 3.4 5	5 mm	silver	<b>422323</b>
		TLA Xi 3.4 8	8 mm	silver	<b>422324</b>
		TLA Xi 3.8 1	1 mm	yellow	<b>422325</b>
		TLA Xi 3.8 2	2 mm	yellow	<b>422326</b>
		TLA Xi 3.8 3	3 mm	yellow	<b>422327</b>
		TLA Xi 3.8 5	5 mm	yellow	<b>422328</b>
TLA Xi 4.5 1		1 mm	blue	<b>422329</b>	
TLA Xi 4.5 2	2 mm	blue	<b>422330</b>		
TLA Xi 4.5 3	3 mm	blue	<b>422331</b>		
Angled 15°	 <b>SF 2302</b>	TLA 15 Xi 3.4 1	1 mm	silver	<b>422332</b>
		TLA 15 Xi 3.4 2	2 mm	silver	<b>422333</b>
		TLA 15 Xi 3.4 3	3 mm	silver	<b>422334</b>
		TLA 15 Xi 3.8 1	1 mm	yellow	<b>422335</b>
		TLA 15 Xi 3.8 2	2 mm	yellow	<b>422336</b>
		TLA 15 Xi 3.8 4	4 mm	yellow	<b>422337</b>
		TLA 15 Xi 4.5 1	1 mm	blue	<b>422338</b>
		TLA 15 Xi 4.5 2	2 mm	blue	<b>422339</b>
		TLA 15 Xi 4.5 4	4 mm	blue	<b>422340</b>
Angled 25°	 <b>SF 2409</b>	TLA 25 Xi 3.4 1	1 mm	silver	<b>422460</b>
		TLA 25 Xi 3.4 2	2 mm	silver	<b>422461</b>
		TLA 25 Xi 3.4 3	3 mm	silver	<b>422462</b>
		TLA 25 Xi 3.8 1	1 mm	yellow	<b>422463</b>
		TLA 25 Xi 3.8 2	2 mm	yellow	<b>422464</b>
		TLA 25 Xi 3.8 3	3 mm	yellow	<b>422469</b>
		TLA 25 Xi 3.8 4	4 mm	yellow	<b>422465</b>
		TLA 25 Xi 4.5 1	1 mm	blue	<b>422466</b>
		TLA 25 Xi 4.5 2	2 mm	blue	<b>422467</b>
		TLA 25 Xi 4.5 4	4 mm	blue	<b>422468</b>
		Castable for all TLA Xi		PA XI	<b>418181</b>

Tightening torque: for Xi 3.0 = 13 Ncm / for Xi 3.4, 3.8, 4.5 = 20 Ncm






Delivery with screw

ABUTMENTS FOR ZIRKONIUM

	Description	Type	Code	REF
 <b>SF 2301</b>	Titanbasis for Xi 3.0, antirotation	Ti6Al4V	<b>MB Xi 3.0</b>	<b>422473</b>
	Titanbasis for Xi 3.4, antirotation	Ti6Al4V	<b>MB Xi 3.4</b>	<b>422470</b>
	Titanbasis for Xi 3.8, antirotation	Ti6Al4V	<b>MB Xi 3.8</b>	<b>422471</b>
	Titanbasis for Xi 4.5, antirotation	Ti6Al4V	<b>MB Xi 4.5</b>	<b>422472</b>

Incl. screw SF2301, insertion with HT 0.9

## IMPRESSION AND LAB ACCESSORIES FOR CEMENTED PROSTHETICS






Impression and lab accessories				
				
<b>Code / REF</b> TSL Xi 3.0 / 422341 TSL Xi 3.4 / 422342 TSL Xi 3.8 / 422343 TSL Xi 4.5 / 422344	TS Xi 3.0 S / 422345 TS Xi 3.4 S / 422346 TS Xi 3.8 S / 422347 TS Xi 4.5 S / 422348	HLT Xi 3.0 / 422349 HLT Xi 3.4 / 422350 HLT Xi 3.8 / 422351 HLT Xi 4.5 / 422352	IA Xi 3.0 / 422353 IA Xi 3.4 / 422354 IA Xi 3.8 / 422355 IA Xi 4.5 / 422356	PA Xi / 418181
Impression post with top screw for manual operation, long	Impression post with top screw for manual operation, short	Insertion posts with long screw	Implant analogue with internal hexagon	Castable part for all TLA Xi (Material: POM)

## ABUTMENTS FOR SCREW - RETAINED RESTORATIONS



OSA-abutment	Code	REF
For Xi 3.4, silver, 2 mm transmucosal height, 2 parts, with screw	<b>OSA Xi 3.4.2</b>	<b>422361</b>
For Xi 3.8, yellow, 2 mm transmucosal height, 2 parts, with screw	<b>OSA Xi 3.8.2</b>	<b>422362</b>
For Xi 3.8, yellow, 4 mm transmucosal height, 2 parts, with screw	<b>OSA Xi 3.8.4</b>	<b>422363</b>
For Xi 4.5, blue, 2 mm transmucosal height, 2 parts, with screw	<b>OSA Xi 4.5.2</b>	<b>422364</b>

## LAB ACCESSORIES FOR SCREW - RETAINED RESTORATIONS

Impression and lab accessories						
						
<b>Code</b> <b>REF</b>	TST STI 420339	SF 365 420938      SF 415 420928	OA STI 420340	PAOA 420342      PAOR 420343	SF 350 SF 350	
	Transfer post	Screw for connecting TST STI	Lab analogue for OSA	White castable abutments 10 mm high. Pack of 5 internal edges      internally round	Schraube	

Note: All components of the S implant system (as much as they fit OA) also fit the Xign® system.

## BUR CYLINDER



Description	Code	REF
Bur cylinder for Xi 3.0 incl. screw SF 2301*	<b>FZ Xi 3.0</b>	<b>422365</b>
Bur cylinder for Xi 3.4 incl. screw SF 2301	<b>FZ Xi 3.4</b>	<b>422366</b>
Bur cylinder for Xi 3.8 incl. screw SF 2301	<b>FZ Xi 3.8</b>	<b>422367</b>
Bur cylinder for Xi 4.5 incl. screw SF 2301	<b>FZ Xi 4.5</b>	<b>422368</b>
* The bur cylinder FZ Xi 3.0 is not for removable prosthetics and especially not for telescopic restorations.		
Bur cylinder 20° for Xi 3.8 incl. screw SF 2301	<b>FZ 20Xi 3.8</b>	<b>422369</b>

**SOLDER BASE**



Description	Code	REF
SKC Xi 3.8 solder base for Xi 3.8, CoCrMo	<b>SKC Xi 3.8</b>	<b>422493</b>

**LOCALICER®**



Description	Code	REF
Localicer® for Xign® 3.4 mm height 2 mm	<b>LOC Xi 3.4 2</b>	<b>422372</b>
Localicer® for Xign® 3.4 mm height 3 mm	<b>LOC Xi 3.4 3</b>	<b>422373</b>
Localicer® for Xign® 3.4 mm height 4 mm	<b>LOC Xi 3.4 4</b>	<b>422374</b>
Localicer® for Xign® 3.8 mm height 2 mm	<b>LOC Xi 3.8 2</b>	<b>422375</b>
Localicer® for Xign® 3.8 mm height 3 mm	<b>LOC Xi 3.8 3</b>	<b>422376</b>
Localicer® for Xign® 3.8 mm height 4 mm	<b>LOC Xi 3.8 4</b>	<b>422377</b>
Localicer® for Xign® 4.5 mm height 2 mm	<b>LOC Xi 4.5 2</b>	<b>422378</b>
Localicer® for Xign® 4.5 mm height 3 mm	<b>LOC Xi 4.5 3</b>	<b>422379</b>
Localicer® for Xign® 4.5 mm height 4 mm	<b>LOC Xi 4.5 4</b>	<b>422380</b>

Required tool: **HT 1.77**. We recommend to use minimally 6 implants per jaw and to use a single denture as splinting.

**ACCESSORIES FOR LOCALICER®**



Description	Code	REF
Instrument for mounting and de-mounting Localicer caps	<b>LOC Tool</b>	<b>462335</b>
Analogue + impression set	<b>AA LOC</b>	<b>462337</b>
Set with 4 caps + housing	<b>NCS</b>	<b>462338</b>
Set of two, yellow, with increased friction strength	<b>R-Cap</b>	<b>462336</b>

Pull-off force: \*black 125 g, red 350 g, blue 500 g, pink 1000 g  
\*Black cap is for temporary solutions up to one month.

**BALL ABUTMENTS**



Description	Code	REF
Ball abutment for Xign® 3.0 head Ø 2.5mm; 2 mm hight	<b>TB Xi 3.0 2</b>	<b>422381</b>
Ball abutment for Xign® 3.0 head Ø 2.5mm; 4 mm hight	<b>TB Xi 3.0 4</b>	<b>422382</b>
Ball abutment for Xign® 3.4 head Ø 2.5mm; 2 mm hight	<b>TB Xi 3.4 2</b>	<b>422383</b>
Ball abutment for Xign® 3.4 head Ø 2.5mm; 4 mm hight	<b>TB Xi 3.4 4</b>	<b>422384</b>
Ball abutment for Xign® 3.8 head Ø 2.5mm; 2 mm hight	<b>TB Xi 3.8 2</b>	<b>422385</b>
Ball abutment for Xign® 3.8 head Ø 2.5mm; 4 mm hight	<b>TB Xi 3.8 4</b>	<b>422386</b>
Ball abutment for Xign® 4.5 head Ø 2.5mm; 2 mm hight	<b>TB Xi 4.5 2</b>	<b>422387</b>
Ball abutment for Xign® 4.5 head Ø 2.5mm; 4 mm hight	<b>TB Xi 4.5 4</b>	<b>422388</b>

Insertion with **HAS2** or **Tool E** (REF 462377)

## ACCESSORIES FOR BALL ABUTMENTS



Description	Code	REF
Nylon cap white (ca. 1200g pull-off force) for ball abutment TB Xi	<b>NC</b>	<b>465028</b>
Nylon cap pink (ca. 800g pull-off force) for ball abutment TB Xi	<b>NC 1</b>	<b>465029</b>
Nylon cap yellow (ca. 500g pull-off force) for ball abutment TB Xi	<b>NC 2</b>	<b>465030</b>
Green, strong	<b>R-NC</b>	<b>465034</b>
Pink, medium	<b>R-NC 1</b>	<b>465033</b>
Orange, soft	<b>R-NC 2</b>	<b>465032</b>
Metal sleeve for all nylon caps	<b>H</b>	<b>465031</b>

Nylon caps R-NC with increased friction strength (for usage with worn-out ball only)

## RATCHETS



Description	Code	REF
angled, for all hex-instruments and insertion tools	<b>425052</b>	<b>RAT 3</b>
Torque wrench, 10 - 70 Ncm	<b>425402</b>	<b>TW2</b>

We recommend to have our torque wrenches calibrated annually.

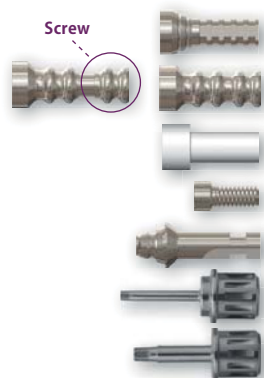
## MULTI - UNIT ABUTMENTS



Description	Code	REF
MU2 17 Xi 3.8, angled, Ti6Al4V. Incl. SF 44	<b>MU2 17 Xi 3.8</b>	<b>422500</b>
MU2 35 Xi 3.8, angled, Ti6Al4V. Incl. SF 44	<b>MU2 35 Xi 3.8</b>	<b>422501</b>
MU2S 0.5 Xi 3.8, straight, Ti6Al4V	<b>MU2S 0.5 Xi 3.8</b>	<b>422502</b>
MU2S 1.5 Xi 3.8, straight, Ti6Al4V	<b>MU2S 1.5 Xi 3.8</b>	<b>422503</b>
MU2S 2.5 Xi 3.8, abutment straight, Ti6Al4V	<b>MU2S 2.5 Xi 3.8</b>	<b>422504</b>
GF MU2 gingivaformer, Ti6Al4V. Incl. SF MU2	<b>H</b>	<b>418286</b>
MU2 localicer, Ti6Al4V. Incl. SF MU2	<b>H</b>	<b>418287</b>
Prosthetic screw for MU2, Ti6Al4V	<b>SF 44</b>	<b>422505</b>







Insertion of the angled MU2-abutments with HT 1.25  
Insertion of the straight MU2S-abutments with HT 1.77

## ACCESSORIES FOR MULTI - UNIT ABUTMENTS



Description	Code	REF
Temporary base, Ti6Al4V (SF MU2 has to be ordered separately)	<b>TC MU2</b>	<b>418290</b>
Transfer straight, Ti6Al4V, incl. screw SFL MU2	<b>TS MU2</b>	<b>418291</b>
Castable for multiunit, incl. screw	<b>PA MU2</b>	<b>418292</b>
Screw for TC MU, Ti6Al4V	<b>SF MU2</b>	<b>418293</b>
Lab analogue for multiunit, Ti6Al4V	<b>IA MU2</b>	<b>418295</b>
Hex-instrument, long	<b>HT 1.25</b>	<b>425100</b>
Hex-instrument, long	<b>HT 1.77</b>	<b>425103</b>

INSERTION TOOLS

	Description (with hex for W&H contra-angle)	Code	REF
	Insertion tool medium, for TempBase® For Xign implants 3.0 mm (pre assembled implants)	ITT2 Xi 3.0	422400
	Insertion tool short, for TempBase®	ITT3 Xi 3.0	422401
	Insertion tool long	IT1 Xi 3.4	422402
	Insertion tool medium For implant Ø 3.4 mm	IT2 Xi 3.4	422403
	Insertion tool short	IT3 Xi 3.4	422404
	Insertion tool long, 36 mm	IT1 Xi U	422405
	Insertion tool medium, 26 mm For implant Ø 3.8 mm - 5.5 mm	IT2 Xi U	422406
	Insertion tool short, 18 mm	IT3 Xi U	422407
	Description (without hex)	Code	REF
	Insertion tool medium, for TempBase® For implant Ø 3.0 mm	ITT2 Xi 3.0 OS	422408
	Insertion tool short, for TempBase®	ITT3 Xi 3.0 OS	422409
	Insertion tool long	IT1 Xi 3.4 OS	422410
	Insertion tool medium For implant Ø 3.4 mm	IT2 Xi 3.4 OS	422411
	Insertion tool short	IT3 Xi 3.4 OS	422412
	Insertion tool long, 36 mm For implant Ø 3.8 mm - 5.5 mm, (also 4.5 6+2)	IT1 Xi U OS	422413
	Insertion tool medium, 26 mm	IT2 Xi U OS	422414
	Insertion tool short, 18 mm	IT3 Xi U OS	422415

TOOLS

	Description	Code	REF
	Universal ratchet adapter for all contra-angle-instruments, for TW2 and RAT2. Max. 30 Ncm	UAW*	425107
	Parallel depth gage brown	PDG 3.0	422416
	Parallel depth gage silver	PDG 3.4	422417
	Parallel depth gage yellow	PDG 3.8	422418
	Parallel depth gage blue	PDG 4.5	422419
	Standardized X-ray measuring probe. Scaling 1 mm, X-ray measuring for cylindrical implant types	PDG	425400
	Hex-instrument for 1.22 - 1.25 mm screws	HT 1.25	425100
	Hex-instrument for contra-angle	HT 1.25 M	425112
	HTW 1.25	HTW 1.25	425111
	Hex-instrument for 1.77 mm screw + Localicer®	HT 1.77	425103
	Hex-instrument for contra-angle	HT 1.77 M	425113
	Hex-instrument for contra-angle, extralong	HTX 1.77	425104
	Hex-instrument for 0.9 mm screw	HT 0.9	422428
	Hex-instrument for contra-angle	HT 0.9 M	425114
	Hex-instrument for contra-angle	TT 1.25 M	425115
	Drill extension contra-angle (DX2), extends by 19 mm	DX 2	500704
	Drill extension contra-angle (DX2 H), extends by 19 mm, W&H-Hexagon am Schaft and im Vorderteil	DX 2 H	500708
	Flat spanner (for TB Xi ballhead abutments)	HAS2	463109
	Tool E, 20 mm long	Tool E	462377

\* Do not use UAW in combination with RAT2 with Heatless® bone drills. The maximum insertion torque for UAW and Heatless® bone drills is 35 Ncm. UAW may therefore be used only with TW2.

## HEATLESS® - DRILL DFN / DFLN FOR IMPLANTS WITH CONICAL CORE



Description	Ø working space	Max drill depth	length	REF
<b>Pilotdrill</b>				
DS 2	2.0 mm	15 mm	32 mm	<b>425001</b>
DS 2.8	2.8 mm	15 mm	32 mm	<b>425005</b>
DSL 2	2.0 mm	23 mm	41 mm	<b>425002</b>
<b>Formdrill</b>				
DFN 3.0	2.7 mm	15 mm	36 mm	<b>425030</b>
DFN 3.4	3.0 mm	15 mm	36 mm	<b>425031</b>
DFN 3.7	3.4 mm	15 mm	36 mm	<b>425032</b>
DFN 4.2 - 4.5	4.05 mm	15 mm	36 mm	<b>425033</b>
<b>Formdrill long</b>				
DFLN 3.0	2.7 mm	18 mm	39 mm	<b>425035</b>
DFLN 3.4	3.0 mm	18 mm	39 mm	<b>425036</b>
DFLN 3.7	3.4 mm	18 mm	39 mm	<b>425037</b>
DFLN 4.2 - 4.5	4.05 mm	18 mm	39 mm	<b>425038</b>
<b>Corticalis drills (use alternatively to bone tap)</b>				
C Drill Xi 3.0	3.2 mm	5 mm	27.4 mm	<b>425041</b>
C Drill 3.4	3.0 mm	5 mm	27.4 mm	<b>425042</b>
C Drill 3.7	3.4 mm	5 mm	27.4 mm	<b>425043</b>
C Drill 4.2 - 4.5	4.05 mm	5 mm	27.4 mm	<b>425044</b>



**-55%**  
Frizzo / Heat

Drill sequences by Drive correspond to drill sequences by Xign. Form drills create the bone cavity for the respective implant (Xign or Drive). The actual drill diameter is smaller than the implant diameter

- ★ It has been scientifically proven that **Dr. Ihde** Dental heatless® drills generate 55 % less heat than traditional bone drills from other manufacturers. This makes it possible to use higher rotational speeds: between 3,000 and 5,000 rpm are recommended with good external cooling and intermittent drill technique.
- ★★ Namely for the implant systems Hexacone®, Xign®, Place®.

## CORTICAL TAP



10,2 mm



10,2 mm

With hex for W&H contra-angle		Code	REF
Cortical tap	For the cap use in hard cortical bone only	<b>KGS Xi 3.0</b>	<b>422420</b>
Cortical tap		<b>KGS Xi 3.4</b>	<b>422421</b>
Cortical tap		<b>KGS Xi 3.8</b>	<b>422422</b>
Cortical tap		<b>KGS Xi 4.5</b>	<b>422423</b>
Without hex		Code	REF
Cortical tap	For the cap use in hard cortical bone only	<b>KGS Xi 3.0 OS</b>	<b>422424</b>
Cortical tap		<b>KGS Xi 3.4 OS</b>	<b>422425</b>
Cortical tap		<b>KGS Xi 3.8 OS</b>	<b>422426</b>
Cortical tap		<b>KGS Xi 4.5 OS</b>	<b>422427</b>

## DRILLSTOPP - TRAY

Not suitable for dry heat sterilizers



## CONTENT

Description	REF	Description	Code	REF
		Formdrill	DFN 3.0	<b>425030</b>
Drillstopp A	<b>500881</b>	Formdrill	DFN 3.4	<b>425031</b>
Drillstopp C	<b>500883</b>	Formdrill	DFN 3.7	<b>425032</b>
Drillstopp D	<b>500884</b>	Formdrill	DFN 4.2-4.5	<b>425033</b>
Drillstopp E	<b>500885</b>	Formdrill	DFN 5.5	<b>425034</b>
Drillstopp G	<b>500887</b>	Formdrill	DFLN 3.0	<b>425035</b>
Drillstopp I	<b>500889</b>	Formdrill	DFLN 3.4	<b>425036</b>
Drillstopp J	<b>500890</b>	Formdrill	DFLN 3.7	<b>425037</b>
Drillstopp K	<b>500891</b>	Formdrill	DFLN 4.2-4.5	<b>425038</b>
Drillstopp L	<b>500892</b>	<b>Tray with content</b>		<b>60031-K</b>

Please read our detailed instructions for cleaning and re-sterilisation of surgical instruments on [www.implant.com/de/instructions](http://www.implant.com/de/instructions) (Gebrauchsanweisungen - Implants - Hygienemerkbblatt)

## METAL - TRAY

Autoclavable up to 134 °C,  
not suitable for dry heat  
sterilizers



Dimension for closed tray  
B = 105 mm / L = 230 mm / H = 50 mm  
for all autoclaves

## CONTENT FOR THE XIGN® - TRAY

Description	Code	REF
Twist drill DS 2	DS 2.0	425001
Pilotdrill	DS 2.8	425005
Formdrill, short DFN 3.7/ DFN 4.2 - 4.5	DFN 3.7/ DFN 4.2 - 4.5	425032/425033
Formdrill, long DFLN 3.7/ DFLN 4.2 - 4.5	DFLN 3.7/ DFLN 4.2 - 4.5	425037/425038
Cortical tap	KGS Xi 3.8/4.5 OS	422426/422427
Corticalis drills 3.7/ 4.2 - 4.5	C-Drill 3.7/4.2-4.5	425043/425044
Parallel depth gages	PDG 3.8/4.5	422418/422419
Insertion tools for 3.8/4.5 Ø	IT1 - 3 Xi U	422405-422407
Hex-instrument	HT 0.9	422428
Hex-instrument	HT 1.25	425100
Drill extension DX 2	DX 2	500704
Universal ratchet adapter for TW2	UAW	425107
Ratchet (Torque wrench)	TW2	425402
<b>Tray, complete with tools</b>		<b>S60003</b>
<b>* Additional option for Xi®-implants (Ø 3.4 mm), complete:</b>		
Formdrill, short DFN 3.4	DFN 3.4	425031
Formdrill, long DFLN 3.4	DFLN 3.4	425036
Cortical tap	KGS Xi 3.4 OS	422425
Corticalis drills	C-Drill 3.4	425042
X-ray measuring probe	PDG 3.4	422417
Insertion tools	IT1 - 3 Xi 3.4	422402-422404
<b>* Additional option for Xi®-implants (Ø 3.0 mm), complete:</b>		
Formdrill, short DFN 3.0	DFN 3.0	425030
Formdrill, long DFLN 3.0	DFLN 3.0	425035
Cortical tap	KGS Xi 3.0 OS	422424
Corticalis drills	C-Drill Xi 3.0	425041
X-ray measuring probe	PDG 3.0	422416
Insertion tool	ITT2 XI 3.0 OS	422408
Insertion tool	ITT3 XI 3.0 OS	422409
Metal-Tray (empty)		<b>60003</b>

## PLASTIC - TRAY

Autoclavable up to 134 °C, not suitable for dry heat sterilizers



Dimensions for closed tray  
B = 180 mm / L = 290 mm / H = 80 mm  
for wide autoclaves

## CONTENT

Description	Code	REF	Description	Code	REF
<b>Standard equipment for system Xign® and Hexacone®</b>					
Step one	<b>Step one</b>		Standardized probe, parallelism aid	<b>PDG 3.0</b>	<b>422416</b>
Twist drill	<b>DS 2.0</b>	<b>425001</b>	Standardized probe, parallelism aid	<b>PDG 3.4</b>	<b>422417</b>
Twist drill	<b>DS 2.8</b>	<b>425005</b>	Standardized probe, parallelism aid	<b>PDG 3.8</b>	<b>422418</b>
Formdrill	<b>DFN 3.0</b>	<b>425030</b>	Standardized probe, parallelism aid	<b>PDG 4.5</b>	<b>422419</b>
Formdrill	<b>DFN 3.4</b>	<b>425031</b>	Drill extension contra-angle	<b>DX 2</b>	<b>500704</b>
Formdrill	<b>DFN 3.7</b>	<b>425032</b>	Universal ratchet adapter	<b>UAW</b>	<b>425107</b>
Formdrill	<b>DFN 4.2-4.5</b>	<b>425033</b>	Ratchet, for insertion tool	<b>RAT2</b>	<b>425051</b>
Formdrill	<b>DFLN 3.4</b>	<b>425036</b>	<b>Standard equipment for Xign®, Hexacone® and Place®</b>		
Formdrill	<b>DFLN 3.7</b>	<b>425037</b>			<b>S60019</b>
Formdrill	<b>DFLN 4.2-4.5</b>	<b>425038</b>	<hr/>		
Formdrill	<b>DFSN 3.7</b>	<b>425039</b>	<b>Description</b>		
Formdrill	<b>DFSN 4.2 - 4.5</b>	<b>425040</b>	<b>Code</b>		
Corticalis drill	<b>C Drill 5.5</b>	<b>425045</b>	<b>REF</b>		
Corticalis drill	<b>C Drill 3.7</b>	<b>425043</b>	<b>Additional equipment for system Xign®</b>		
Corticalis drill	<b>C Drill 4.2-4.5</b>	<b>425044</b>	Insertion tool, long	<b>IT1 XI 3.4 OS</b>	<b>422410</b>
Drillstopp A		<b>500881</b>	Insertion tool, medium	<b>IT2 XI 3.4 OS</b>	<b>422411</b>
Drillstopp C		<b>500883</b>	Insertion tool, short	<b>IT3 XI 3.4 OS</b>	<b>422412</b>
Drillstopp D		<b>500884</b>	Insertion tool, long	<b>IT1 XI U OS</b>	<b>422413</b>
Drillstopp E		<b>500885</b>	Insertion tool, medium	<b>IT2 XI U OS</b>	<b>422414</b>
Drillstopp G		<b>500887</b>	Insertion tool, short	<b>IT3 XI U OS</b>	<b>422415</b>
Drillstopp I		<b>500889</b>	Cortical tap	<b>KGS XI 3.0</b>	<b>422420</b>
Drillstopp J		<b>500890</b>	Cortical tap	<b>KGS XI 3.4</b>	<b>422421</b>
Drillstopp K		<b>500891</b>	Cortical tap	<b>KGS XI 4.5</b>	<b>422423</b>
Drillstopp L		<b>500892</b>	Additional equipment for Xign®		<b>S60027</b>
Hex-instrument, long	<b>HT 1.25</b>	<b>425100</b>	Plastic-tray (empty)		<b>60019</b>
Hex-instrument, short	<b>HTS 1.25</b>	<b>425101</b>	<b>Complete equipment for Root- Form tray</b>		
Hex-instrument, long	<b>HT 1.77</b>	<b>425103</b>	For users of the systems		<b>S60022</b>
Hex-instrument	<b>HT 0.9</b>	<b>422428</b>	Hexacone®, Xign® and Place®		
Hex-instrument	<b>TT 1.25</b>	<b>425105</b>			



## STARTER - TRAY

Autoclavable up to 134 °C, not suitable for dry heat sterilizers  
 This surgical kit contains all drills and tools for first works with the Place® system.  
 Material: autoclavable plastic



## CONTENT

Description	Code	REF
Insertion tool medium	ITT2 XI 3.0	422400
Insertion tool medium	IT2 XI 3.4	422403
Insertion tool	IT2 XI U	422406
Hex-instrument	HT 0.9	422428
Hex-instrument, long	HT 1.25	425100
Twist drill DS 2	DS 2.0	425001
Formdrill DFN 3.0	DFN 3.0	425030
Formdrill DFN 3.4	DFN 3.4	425031
Formdrill DFN 3.7	DFN 3.7	425032
Formdrill DFN 4.2-4.5	DFN 4.2-4.5	425033
Standardizedn X-ray measuring probe	PDG	425400
Torque wrench	TW2	425402
<b>Starter-Tray (with content)*</b>		<b>S60044-K</b>

\* Empty tray upon request

Please read our detailed instructions for cleaning and re-sterilisation of surgical instruments on [www.implant.com/de/instructions](http://www.implant.com/de/instructions) (Gebrauchsanweisungen - Implants - Hygienemerklblatt)

# KOS®

Single part implants



## The Allfit® implant system KOS®

is made of the highly fracture-resistant Ti6Al4V ELI titanium alloy pursuant to ASTM F136. The implants are single-piece implants with an apical compression thread and straight, flexible or angled solid abutment. Suitable for crowns, bridges and bar connectors. The compression screw design facilitates immediate prosthetic loading, provided surgical placement was carried out correctly (restoration placed within three days or less). **KOS®** implants are today routinely used for immediately loaded bridge structures. The single-piece design saves expense and time and minimises the problem of screw loosening. **KOS®** und **BCS®** are combined in cases of extraction.

The drilling sequences for this system can be found in our system application.

Mandatory, respectively recommended fastening torques for implants, abutments and fastening screws can be found on [www.implant.com/de/instructions](http://www.implant.com/de/instructions)

You could not find a specific implant system or a certain product in this catalog?  
Please have a look at [www.shop-implant.com](http://www.shop-implant.com)



**KOS® MU - IMPLANTS**



Description	Material	REF
KOS® MU 3.0 15	Ti6Al4V	<b>455830</b>
KOS® MU 3.7 15	Ti6Al4V	<b>455831</b>
KOS® MU 4.1 12	Ti6Al4V	<b>455832</b>
KOS® MU 4.1 15	Ti6Al4V	<b>455833</b>
KOS® MU 5.0 10	Ti6Al4V	<b>455834</b>
KOS® MU 5.0 12	Ti6Al4V	<b>455835</b>

KOS® MU and BCS® MU are available with a pre-angulation of 15 degrees. The implant-necks may be bent max. 15 degrees. This will allow to create angulations between 0 and 30 degrees. Compared to the implants systems sold by N.B. the thread of the Multi-Unit-heads provide a larger diameter, which helps preventing fractures of the screw.

**BCS® MU - IMPLANTS**



Minimal differences to the displayed No-Itis® implant-colour has no influence on the quality of the surface.

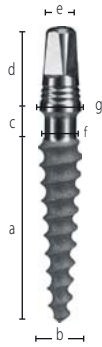
Description	Material	REF
BCS® MU 3.6 14	Ti6Al4V	<b>900330</b>
BCS® MU 3.6 17	Ti6Al4V	<b>900331</b>
BCS® MU 3.6 20	Ti6Al4V	<b>900332</b>
BCS® MU 3.6 23	Ti6Al4V	<b>900333</b>
BCS® MU 3.6 26	Ti6Al4V	<b>900377</b>
BCS® MU 3.6 29	Ti6Al4V	<b>900378</b>
BCS® MU 5.5 10	Ti6Al4V	<b>900334</b>
BCS® MU 5.5 12	Ti6Al4V	<b>900335</b>
BCS® MU 5.5 14	Ti6Al4V	<b>900336</b>
BCS® MU 7.0 10	Ti6Al4V	<b>900337</b>
BCS® MU 7.0 12	Ti6Al4V	<b>900338</b>

**ACCESSORIES**



Description	Type	Code	REF
Insertion tool IT MU 15 for RAT 2		<b>IT MU 15</b>	<b>418166</b>
Insertion tool medium use with IT ITV (REF 500854)		<b>IT2 MU15</b>	<b>418201</b>
Insertion tool long use with IT ITV (REF 500854)		<b>IT3 MU</b>	<b>418202</b>
Adapter IT MU 15		<b>Adapter IT MU 15</b>	<b>418167</b>
Handgrip	for adapters, can be disassembled	<b>110 mm</b>	<b>311430</b>
Handgrip	for adapters, Self-locking	<b>110 mm</b>	<b>311431</b>
Lab analogue for multiunit abutments		<b>IA K MU</b>	<b>418159</b>
Screw for KOS® MU and BCS® MU		<b>SF K MU</b>	<b>418164</b>
Long screw for TC MU and TS MU (Tool: HT 1.25)	Ti6Al4V	<b>SFL MU</b>	<b>418168</b>
Castable abutment for multiunit SF K MU must be ordered separately		<b>PA MU</b>	<b>418119</b>
Transfer coping (temporary base) SF K MU must be ordered separately		<b>TC MU</b>	<b>418161</b>
Transfer, straight SF K MU must be ordered separately		<b>TS MU</b>	<b>418162</b>

## KOS® - IMPLANTS



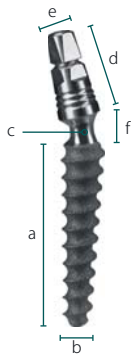
- a) enossal length: 8 - 19 mm
- b) enossal Ø: 3.0/3.2/3.7/4.1/5.0 mm
- c) neck length: 3 mm
- d) abutment length: 6.8 mm
- e) box wrench size: 1.9 mm
- f) neck-Ø: 2.0 / 2.5 / 2.8 mm
- g) Ø abutment: 3.35 mm

KOS® implants are delivered incl. lab-set consisting of REF462111, REF462029 and REF462088

### Straight KOS® - implants for crowns and bridges

Description	Code KDS	Enossal Ø	Length	Neck-Ø	REF
KOS 3.0 10	A	3.0 mm	10 mm	2 mm	455108
KOS 3.0 12	B	3.0 mm	12 mm	2 mm	455109
KOS 3.0 15	C	3.0 mm	15 mm	2 mm	455110
KOS 3.2 12	D	3.2 mm	12 mm	2 mm	455111
KOS 3.2 15	E	3.2 mm	15 mm	2 mm	455112
KOS 3.7 6		3.7 mm	6 mm	2.5 mm	455106
KOS 3.7 8		3.7 mm	8 mm	2.5 mm	455107
KOS 3.7 10		3.7 mm	10 mm	2.5 mm	455114
KOS 3.7 12	F	3.7 mm	12 mm	2.5 mm	455115
KOS 3.7 15	G	3.7 mm	15 mm	2.5 mm	455120
KOS 4.1 8	H	4.1 mm	8 mm	2.8 mm	455129
KOS 4.1 10	I	4.1 mm	10 mm	2.8 mm	455130
KOS 4.1 12	K	4.1 mm	12 mm	2.8 mm	455132
KOS 4.1 15	L	4.1 mm	15 mm	2.8 mm	455135
KOS 4.1 17	M	4.1 mm	17 mm	2.8 mm	455136
KOS 4.1 19	N	4.1 mm	19 mm	2.8 mm	455137
KOS 5.0 10	O	5.0 mm	10 mm	2.8 mm	455171
KOS 5.0 12	P	5.0 mm	12 mm	2.8 mm	455172
KOS 5.0 15		5.0 mm	15 mm	2.8 mm	455173

## KOS®A - IMPLANTS



- a) enossal length: 10 - 15 mm
- b) max. enossal Ø: 3.7/4.1 mm
- c) neck Ø: 1.8 mm
- d) abutment length: 6.8 mm
- e) box wrench size: 1.9 mm
- f) neck length: 3 mm

### Angled KOS® A - implants for bridges

Description	Code KDS	Enossal Ø	Length	Neck-Ø	REF
KOS A 3.7 12-15	F	3.7 mm	12 mm	1.8 mm	455139
KOS A 3.7 15-15	G	3.7 mm	15 mm	1.8 mm	455140
KOS A 4.1 10-15	I	4.1 mm	10 mm	1.8 mm	455145
KOS A 4.1 12-15	K	4.1 mm	12 mm	1.8 mm	455146
KOS A 4.1 15-15	L	4.1 mm	15 mm	1.8 mm	455147

KOS®A is always used in combination with KDS bone-expanding screws.

KOS® A implants are delivered incl. lab-set consisting of REF462111, REF462029 and REF462088

## TEMPBASE®: TEMPORARY BASE



Description	REF
TPB K temporary base, PEEK (for small head)	455261

Temporary prosthesis base with internal and external grooves. Can be directly snapped on to the head of a KOS® implant and if necessary secured with a little provisional cement. Is polymerized directly into the long term temporary bridge. Intended service life 6 month.

**CEMENTABLE BALL FOR KOS®, KOS® A, KOS® B**



Description	REF
Cementable ball ZKK3	<b>462038</b>

ZKK3 is cemented on KOS® implants (roughen head and abutment). The projecting part of the implant head can be shortened afterwards if the vertical dimension requires this. The counterpart is made of soft relining material, or the NC 3 nylon cap is used.

Description	Material	REF
Nylon coping NC 3	Bio PEEK	<b>465035</b>

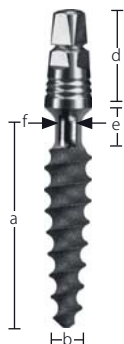
NC 3 is polymerized into the denture either directly or indirectly. When using the indirect procedure, place ZKK3 on a lab analog (IA4) if required.

**KOS® B - IMPLANTS**

**KOS® B** implants with flexible neck (use after pre-drilling and preparation with a KDS bone-expanding screw)  
 Suitable for reduced-load areas (not for single restorations)  
 The flexible implant offers **double safety**:

1. Torque reduction by pre-compression using the applicable KDS bone-expanding screw
2. Safety head with pre-determined fracture site and dual square (patent pending)

Max. torque for insertion: 35 Ncm



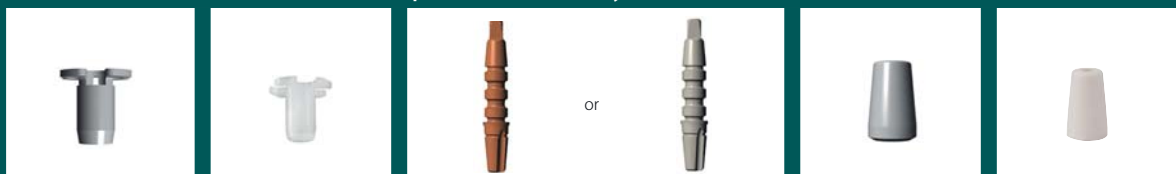
- a) enossal length: 12 – 19 mm
- b) enossal Ø: 3.0/3.2/3.7/4.1 mm
- d) abutment length: 7 mm
- e) neck length: 3 mm
- f) neck-Ø: 1.8 mm

KOS® B - implants for bridges				
Description	Code KDS	Enossal Ø	Length	REF
KOS B 3.0 15	C	3.0 mm	15 mm	<b>455160</b>
KOS B 3.2 12	D	3.2 mm	12 mm	<b>455162</b>
KOS B 3.2 15	E	3.2 mm	15 mm	<b>455161</b>
KOS B 3.7 12	F	3.7 mm	12 mm	<b>455164</b>
KOS B 3.7 15	G	3.7 mm	15 mm	<b>455165</b>
KOS B 4.1 15	L	4.1 mm	15 mm	<b>455166</b>

The predetermined fracture site integrated in the abutment prevents the twisting off of the abutment head from the enossal implant part. The implant socket has to however always be pre-compressed using the bone-expanding screw.

**KOS® B** implants are delivered incl. lab-set consisting of **REF462111**, **REF462029** and **REF462088**

**Impression and laboratory accessories**



Code REF	TSQA 4 462029	TSKPA 4 462028	IA4/IAU 462111	IA4/IAU 462112	PO4 462088	PO4A 462089
	Impression post castable	Impression post castable	Double-analogue (Plastic)	Double-analogue (Metal)	Castable abutment and base for provisionals. 7 mm high, white	
	<b>internally round</b>	<b>internal edges</b>			<b>internally round</b>	<b>internal edges</b>
	Pack of 5	Pack of 5	Pack of 5		Pack of 5	Pack of 5

## ADAPTERS FOR CEMENTATION (Ti6Al4V)

These adapters are placed on KOS® implants to compensate for diverging paths of insertion. Resin cements are preferred. The implant head should be roughened first. Protruding parts of the head are subsequently removed. A direct impression is taken on the adapter.



AA15 KK

Description	Hight H	REF
AA15 KK Adapter, 15°	7.5	<b>462036</b>
AA25 KK Adapter, 25°	7.8	<b>462046</b>



AA5 15°



AA5 25°

Description	REF
AA5 15° Adapter kurz, for large head	<b>462052</b>
AA5 25° Adapter kurz, for large head	<b>462053</b>



## ADAPTERS FOR CEMENTATION (ZIRCONIA)



ZAA15 KK



ZAA25 KK

Description	Hight H	REF
ZAA15 KK Adapter, 15°	7.4	<b>462047</b>
ZAA25 KK Adapter, 25°	7.7	<b>462048</b>

## CAUTERISABLE

These adapters are used by the dental technician for creating bridge framework wax-ups. Protruding head material is removed by the dentist at the framework try-in.



Description	Hight H	REF
AAL 15 KK Adapter, 5 pieces, reducible	7.5	<b>462045</b>

## LAB ANALOGUE FOR ANGULATION ADAPTER



Description	REF
AAA Abutment analogue for angulation adapter	<b>462049</b>

## CASTABLE ABUTMENT AND IMPRESSION TRANSFER



Description	REF
PA AAA Castable abutment for AAA (5 pieces / pack)	<b>462050</b>

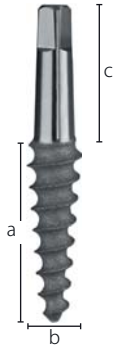
## WIRES FOR INTRA ORAL SYNCRYSTALLIZATION



Description	Material	Ø	REF
Titanium wire (5 pieces á 15cm / pack)	TiGr.2	1.5 mm	<b>462001</b>
Titanium wire (5 pieces á 15cm / pack)	TiGr.2	2.0 mm	<b>462002</b>
Titanium wire (5 pieces á 15cm / pack)	Ti6Al4V	2.0 mm	<b>462003</b>

## KOS® D - IMPLANTS (KOS DIRECT)

**KOS® D** implants feature an 4° external-cone. Abutments are simply tapped on or cemented. The abutments may be positioned on the external cone in different distances from the bone line: 1.5mm, 3 mm, or 4 mm (patent pending). For the «KOS D»-implant system no implant analogues nor impression caps are needed: The impression is taken directly on the abutment. The abutment is shaped like a tooth in the prosthetically desired way.



- a) enossal length: 10 – 15 mm
- b) enossal ø: 3.7/4.1/5 mm
- c) total hight head: 9.5 mm
- e) head ø: max. 2.8 mm

KOS® D - implants for bridges				
Description	Code KDS	Enossal Ø	Length	REF
KOS D 3.0 15		3.0 mm	15 mm	<b>455600</b>
KOS D 3.2 15		3.2 mm	15 mm	<b>455601</b>
KOS D 3.7 10		3.7 mm	10 mm	<b>455608</b>
KOS D 3.7 12	F	3.7 mm	12 mm	<b>455609</b>
KOS D 3.7 15	G	3.7 mm	15 mm	<b>455610</b>
KOS D 4.1 8	H	4.1 mm	8 mm	<b>455602</b>
KOS D 4.1 10	I	4.1 mm	10 mm	<b>455603</b>
KOS D 4.1 12	K	4.1 mm	12 mm	<b>455604</b>
KOS D 4.1 15	L	4.1 mm	15 mm	<b>455605</b>
KOS D 5 10	O	5 mm	10 mm	<b>455606</b>
KOS D 5 12	P	5 mm	12 mm	<b>455607</b>

## INSERTION TOOL



Description	REF
Insertion tool <b>IT KD</b> (use with RAT2 or TW2)	<b>462334</b>

## ABUTMENTS

The abutments feature an extremely precise internal cone. They are slipped over the external implant cone into the desired distance from the bone-line: 1.5 mm, 3 mm, or 4 mm respectively. Excesses of the heads are trimmed away. Abutments may be tapped on or cemented.



Description	Typ	Hight	REF
TAD 1.5	Anatomical abutment	1.5 mm above bone line	<b>462120</b>
TAD 3	Anatomical abutment	3 mm above bone line	<b>462121</b>
TAD 4	Anatomical abutment	4 mm above bone line	<b>462122</b>
TAD 15 1.5	Anatomical abutment 15° angled	1.5 mm above bone line	<b>462123</b>
TAD 15 3	Anatomical abutment 15° angled	3 mm above bone line	<b>462125</b>
TAD 25 1.5	Anatomical abutment 25° angled	1.5 mm above bone line	<b>462124</b>
TAD 25 3	Anatomical abutment 25° angled	3 mm above bone line	<b>462126</b>

## APPLICATION EXAMPLE



**TAD 1.5**

SH 1.5



**TAD 3**

SH 3

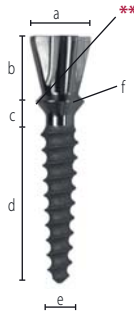


**TAD 4**

SH 4

## KOS® EB - IMPLANTS

**KOS® EB** is a single-piece implant featuring an inverted cone to compensate for diverging paths of insertion. **KOS® EB** implants are custom milled and shaped immediately after placement. The gingiva retractor is used to expose the preparation margin. Made of Ti6Al4V titanium alloy, doubly sandblasted, with osmoactive® packaged. Screw in with **ITK EB**.



a) head Ø:	9 / 5.2 mm
b) height:	6.5 mm
c) neck height (bef. sandblasting):	3.2 mm
d) enossal length:	12 / 15 mm
e) enossal Ø:	3.2 / 3.7 / 4.1 mm
f) shoulder Ø:	4.8 mm

### Straight, single-piece KOS® EB-implants for crowns and bridges

Description	Code KDS	Enossal Ø	Length	Neck-Ø	REF
KOS EB 3.2 12	D	3.2 mm	12 mm	2 mm	<b>455196</b>
KOS EB 3.7 12	F	3.7 mm	12 mm	2.5 mm	<b>455197</b>
KOS EB 3.7 15	G	3.7 mm	15 mm	2.5 mm	<b>455198</b>
KOS EB 4.1 15	L	4.1 mm	15 mm	2.8 mm	<b>455199</b>

Possible angulation: max. 15°

\*\* typical preparation example

## SURGICAL INSTRUMENTS AND TOOLS



Description	REF
Gingiva-Retractor for KOS E / KOS EB after preparation	<b>462034</b>
Insertion tool <b>ITK EB</b> for RAT2 / TW2	<b>462332</b>

## KOS® E - IMPLANTS

**KOS® E** implants are single-piece implant-fixtures. They are used in the esthetic zone. The implant bed is prepared with **KOS®** instruments. The prosthetic components of the S-Class implant-system are fully compatible with **KOS® E**. Made of Ti6Al4V titanium alloy, twice sand-blasted, osmoactive® packaged. Screw in with **IT TCA** and **RAT2**.



a) enossal length:	10-15 mm
b) enossal Ø:	3.0 / 3.7 / 4.1 mm
c) neck height (bef. sandblasting):	3 mm
d) abutment length:	7.0 mm
e) max Ø abutment:	4.8 mm
f) neck Ø:	2 / 2.5 / 2.8 mm

### Straight, single-piece KOS® E-implants for crowns and bridges

Description	Code KDS	Enossal Ø	Length	Neck-Ø	REF
KOS E 3.0 10	A	3.0 mm	10 mm	2 mm	<b>455190</b>
KOS E 3.0 12	B	3.0 mm	12 mm	2 mm	<b>455189</b>
KOS E 3.7 12	F	3.7 mm	12 mm	2.5 mm	<b>455191</b>
KOS E 3.7 15	G	3.7 mm	15 mm	2.5 mm	<b>455192</b>
KOS E 4.1 10	I	4.1 mm	10 mm	2.8 mm	<b>455193</b>
KOS E 4.1 12	K	4.1 mm	12 mm	2.8 mm	<b>455194</b>
KOS E 4.1 15	L	4.1 mm	15 mm	2.8 mm	<b>455195</b>

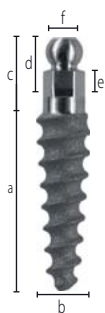


**SURGICAL INSTRUMENTS AND TOOLS KOS® E & KOS® BE**



Description	REF
TempBase® protective cap <b>CSTK7</b> plastic, white, cementable and augmentable for KOS® E implants, 8 mm high. Pack of 5	<b>420336</b>
Patented gingiva retractor pack of 4 (used instead of retraction thread), Material: PE (Polypropylen)	<b>460230</b>
Lab analogue (can be shortened), for KOS® E	<b>AA TCA 7</b>
Placement aid <b>IT TCA</b> (use with RAT2 or TW2), for KOS® E	<b>IT TCA</b>

**KOS® K - IMPLANTS**



- a) enossal length: 12 – 15 mm
- b) enossal Ø: 3.0 / 3.7 / 4.1 mm
- c) length (bef. sandblasting): 7 mm
- d) length abutment:: 4 mm
- e) height hexagon: 2 mm
- f) ballhead Ø: 2.5 mm

Perfectly manufactured precision implant with double-sandblasted enossal section made of highly fracture-resistant Ti6Al4V ELI titanium alloy **KOS® K** Implants with ball attachment connect to the superstructure using nylon copings.

Description	Code KDS	Enossal Ø	Length	Neck-Ø	REF
KOS K 3.0 12	B	3.0 mm	12 mm	2.0 mm	<b>455152</b>
KOS K 3.0 15	C	3.0 mm	15 mm	2.0 mm	<b>455150</b>
KOS K 3.7 12	F	3.7 mm	12 mm	2.8 mm	<b>455154</b>
KOS K 3.7 15	G	3.7 mm	15 mm	2.8 mm	<b>455155</b>
KOS K 4.1 15	L	4.1 mm	15 mm	2.8 mm	<b>455156</b>

**Impression and laboratory accessories**

Code REF	NC	NC 1	NC 2	R-NC	R-NC 1	R-NC 2	H
455180 IAK Lab analogue	465028 ca. 1200 g, white	465029 ca. 800 g, pink	465030 ca. 500 g, yellow	465034 green, strong	465033 pink, medium	465032 orange, soft	465031 Sleeve for all NC



Description	REF
Castable ball for single-piece cast with bar connector	<b>PA SB</b>

**INSERTION TOOL**



Description	REF
IT TB K	<b>462327</b>

**ADAPTER WITH REPLACEMENT BALL**

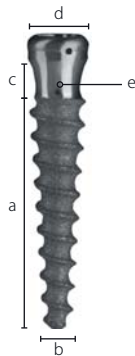


Description	REF
Ball head adapter for KOS® K implants, cementable	<b>462051</b>



## KOS<sup>®</sup>LOC - IMPLANTS

**KOS<sup>®</sup> LOC Implants are single-piece fixtures** made of highly fracture-resistant Ti6Al4V ELI titanium alloy, doubly sandblasted, and then osmoactive<sup>®</sup>-packaged.



- a) enossal length: 12 - 15 mm
- b) enossal Ø: 3.0 / 3.7 mm
- c) neck height (bef. sandblasting): 3 mm
- d) max Ø abutment: 3.8 mm
- e) neck Ø: 2 / 2.8 mm

### Straight , single-piece KOS<sup>®</sup> LOC - implants for removable prosthetic

Description	Code KDS	Enossal Ø	Length	Neck - Ø	REF
KOS LOC 3.0 12	B	3.0 mm	12 mm	2 mm	<b>455200</b>
KOS LOC 3.0 15	C	3.0 mm	15 mm	2 mm	<b>455201</b>
KOS LOC 3.2 12	D	3.2 mm	12 mm	2 mm	<b>455209</b>
KOS LOC 3.2 15	E	3.2 mm	15 mm	2 mm	<b>455210</b>
KOS LOC 3.7 12	F	3.7 mm	12 mm	2.8 mm	<b>455202</b>
KOS LOC 3.7 15	G	3.7 mm	15 mm	2.8 mm	<b>455203</b>

Compatibility: Localicer<sup>®</sup>. Placement aid IT LOC K / REF 462333. We recommend to use minimally 6 implants per jaw and to use a single denture as splinting.

## KOS<sup>®</sup>LOC MINI - IMPLANTS



- a) enossal length: 10 - 18 mm
- b) enossal Ø: 2.8 mm
- c) neck height (bef. sandblasting): 3.5 mm
- d) max Ø abutment: 3.8 mm
- e) neck Ø: 2.3 mm

### Straight , single-piece KOS<sup>®</sup> LOC Mini - implants for removable prosthetic

Description	Enossal Ø	Length	Neck - Ø	REF
KOS LOC Mini 2.8 10	2.8 mm	10 mm	2.8 mm	<b>455205</b>
KOS LOC Mini 2.8 12	2.8 mm	12 mm	2.8 mm	<b>455206</b>
KOS LOC Mini 2.8 15	2.8 mm	15 mm	2.8 mm	<b>455207</b>
KOS LOC Mini 2.8 18	2.8 mm	18 mm	2.8 mm	<b>455208</b>

Compatibility: Localicer<sup>®</sup>. Insertion tool IT LOC K / REF 462333

**Minimal differences to the displayed No-Itis<sup>®</sup> implant-colour has no influence on the quality of the surface.**

## INSERTION TOOL



Description	REF
IT LOC K insertion tool for KOS <sup>®</sup> LOC implants	<b>462333</b>

## ACCESSORIES FOR LOCALICER<sup>®</sup>

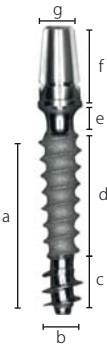


Description	Code	REF
Instrument for mounting and de-mounting Localicer caps	<b>LOC Tool</b>	<b>462335</b>
Analogue + impression cap set	<b>AA LOC</b>	<b>462337</b>
Set with 4 nylon caps + 1 housing	<b>NCS</b>	<b>462338</b>
Set of 2, yellow. With increased friction strength	<b>R-Cap</b>	<b>462336</b>

Pull-off force: \*black 125 g, red 350 g, blue 500 g, pink 1000 g  
\*Black cap is for temporary solutions up to one month.

**KOS® PLUS - IMPLANTS**

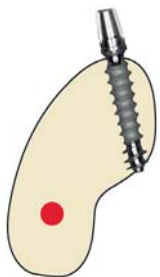
**KOS® PLUS** are single piece implants with polished sharp apical threads and compression threads for placement in the spongy bone. KOS Plus combines the advantages of a compression screw implant with the unexpected stability of anchorage in the 2nd cortical. For use in the upper and the lower jaw. Made from highly compatible and proven titanium alloy (Ti6Al4V ELI), double sand-blasted and packed osmoactive. Screw in with **IT2 BCS**.



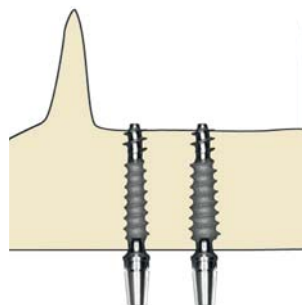
- a) enossal length 9, 12, 14, 16, 19 mm
- b) enossal Ø 3.7 / 4.1 / 5.0mm
- c) height of cutting thread 3.0 mm
- d) height of compression thread 6, 9, 11, 13 mm
- e) neck length (for mucosa) 3 mm
- f) head height 7.2 mm
- g) max. diameter of the head 3.9 mm

KOS® Plus - implants					
Description	Compression thread	Enossal length	Neck length	REF	
KOS 3.7 9+3	9 mm	12 mm	3 mm	455800	
KOS 3.7 11+3	11 mm	14 mm	3 mm	455801	
KOS 3.7 13+3	13 mm	16 mm	3 mm	455802	
KOS 3.7 16+3	16 mm	19 mm	3 mm	455803	
KOS 3.7 20+3	20 mm	23 mm	3 mm	455804	
KOS 3.7 23+3	23 mm	26 mm	3 mm	455805	
KOS 4.1 6+3	6 mm	9 mm	3 mm	455810	
KOS 4.1 9+3	9 mm	12 mm	3 mm	455811	
KOS 4.1 11+3	11 mm	14 mm	3 mm	455812	
KOS 4.1 13+3	13 mm	16 mm	3 mm	455813	
KOS 4.1 20+3	20 mm	23 mm	3 mm	455814	
KOS 5.0 6+3	6 mm	9 mm	3 mm	455820	
KOS 5.0 9+3	8 mm	12 mm	3 mm	455821	
KOS 5.0 11+3	11 mm	14 mm	3 mm	455822	
KOS 5.0 13+3	13 mm	16 mm	3 mm	455823	

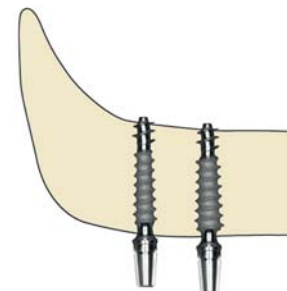
**KOS® Plus** implants are delivered incl. lab-set consisting of REF462111, REF462030 and REF462086



Example for use: Bi-cortical anchorage of a KOS Plus implant in the atrophied distal mandible



Example for use: Bi-cortical anchorage of a KOS Plus implant in the area of the floor of the nose

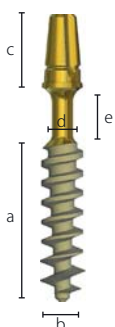


Example for use: Bi-cortical anchorage of a KOS Plus implant in the area of the distal maxilla (diameter 3.7 and 4.1)

**Note: These indications are for experiences surgeons only. CT planning is recommended. Only polished parts of the cutting apical threads should penetrate into the 2nd cortical max. 1.5 mm. In given indications (min 3 stable implants) the treatment should be carried out in immediate loading protocols.**

**KOS® TX - IMPLANTS**

**KOS® TX** is a comperrsion-screw-implant with a long neck (6mm). **KOS® TX** is used in situation with thick mucosa and especially in the tuberosity. The rough thread areas must be inserted fully into the bone. **KOS® TX** should be used without flap preparation. The nominal diameter is measured at the broadest section of the compression thread.



**With new No-Itis® surface!**

- a) enossal length: 12, 15, 18, 21 mm
- b) enossal Ø: 4 mm
- c) abutment length: 7.2 mm
- d) neck-Ø: 2 mm
- e) neck length: 6 mm

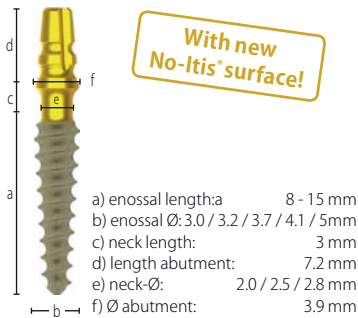
KOS® TX - implants			
Description	Enossal Ø	Neck length	REF
KOS TX 4.0 12	4 mm	6 mm	455175
KOS TX 4.0 15	4 mm	6 mm	455176
KOS TX 4.0 18	4 mm	6 mm	455177
KOS TX 4.0 21	4 mm	6 mm	455178

**KOS® Plus** implants are delivered incl. lab-set consisting of REF462111, REF462030 and REF462086

## KOS® X - IMPLANTS



KOS® X implants provide the same prosthetic platform (cementing head) as BCS 3.6 mmd, BCS 4.6 mmd and > 5.5 mm, as well as BOI-implants.



- a) enossal length: 8 - 15 mm
- b) enossal Ø: 3.0 / 3.2 / 3.7 / 4.1 / 5 mm
- c) neck length: 3 mm
- d) length abutment: 7.2 mm
- e) neck-Ø: 2.0 / 2.5 / 2.8 mm
- f) Ø abutment: 3.9 mm

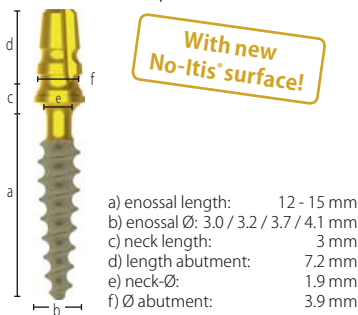
Description	Code KDS	Enossal Ø	Length	Neck-Ø	REF
KOS X 3.0 10	A	3.0 mm	10 mm	2 mm	455700
KOS X 3.0 12	B	3.0 mm	12 mm	2 mm	455701
KOS X 3.0 15	C	3.0 mm	15 mm	2 mm	455702
KOS X 3.2 12	D	3.2 mm	12 mm	2 mm	455710
KOS X 3.2 15	E	3.2 mm	15 mm	2 mm	455711
KOS X 3.7 10		3.7 mm	10 mm	2.5 mm	455720
KOS X 3.7 12	F	3.7 mm	12 mm	2.5 mm	455721
KOS X 3.7 15	G	3.7 mm	15 mm	2.5 mm	455722
KOS X 4.1 8	H	4.1 mm	8 mm	2.8 mm	455730
KOS X 4.1 10	I	4.1 mm	10 mm	2.8 mm	455731
KOS X 4.1 12	L	4.1 mm	12 mm	2.8 mm	455732
KOS X 4.1 15	M	4.1 mm	15 mm	2.8 mm	455733
KOS X 4.1 17		4.1 mm	17 mm	2.8 mm	455734
KOS X 4.1 19		4.1 mm	19 mm	2.8 mm	455735
KOS X 5 10	O	5 mm	10 mm	2.8 mm	455740
KOS X 5 12	P	5 mm	12 mm	2.8 mm	455741
KOS X 5 15		5 mm	15 mm	2.8 mm	455742

KOS® X and KOS® XB implants are delivered incl. lab-set consisting of REF462111, REF462030 and REF462086

## KOS® XB - IMPLANTS



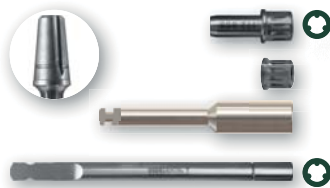
KOS® XB implants provide the same prosthetic platform (cementing head) as BCS 3.6 mmd, BCS 4.6 mmd and > 5.5 mm, as well as BOI-implants.



- a) enossal length: 12 - 15 mm
- b) enossal Ø: 3.0 / 3.2 / 3.7 / 4.1 mm
- c) neck length: 3 mm
- d) length abutment: 7.2 mm
- e) neck-Ø: 1.9 mm
- f) Ø abutment: 3.9 mm

Description	Code KDS	Enossal Ø	Length	Neck-Ø	REF
KOS XB 3.0 15	C	3.0 mm	15 mm	1.9 mm	455750
KOS XB 3.2 12	D	3.2 mm	12 mm	1.9 mm	455760
KOS XB 3.2 15	E	3.2 mm	15 mm	1.9 mm	455761
KOS XB 3.7 12	F	3.7 mm	12 mm	1.9 mm	455770
KOS XB 3.7 15	G	3.7 mm	15 mm	1.9 mm	455771
KOS XB 4.1 15	L	4.1 mm	15 mm	1.9 mm	455780

## INSERTION TOOLS



Description	REF
IT2 BCS For BCS implants with > Ø 5.5 mm / KOS X, KOS XB, KOS Plus	900030
IT2 S BCS For BCS implants with > Ø 5.5 mm / KOS X, KOS XB, KOS Plus	900038
IT2W Length 23 mm, for KOS and BCS implants	900039
AHB Adapter for implants > Ø 5.5 mm, fits the handgrip, REF 311430 / 311431 / KOS X, KOS XB	900037

## IMPRESSION- AND LAB ACCESSORIES FOR KOS X, KOS XB & KOS PLUS

Code REF	Image	Description	Code REF	Image	Description
TSPA 5* (Plastic) 462030		Impression post internally round	IA4/IAU (Metal) 462112		Double analogue
		Pack of 5	IA4/IAU (Plastic) 462111		Double analogue
			POB 462086		Castable abutment
			TPB B 462026		Tempbase for KOS X / KOS XB PEEK
			PA X 462136		Impression- and castable abutment
					Pack of 5

TEMPBASE® TEMPORARY BASE



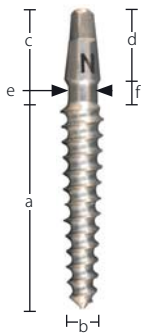
Description	REF
TPB B - temporary base, PEEK (for large head)	<b>462026</b>

Temporary prosthesis base with internal and external grooves. Can be directly snapped on to the head of a **KOS®** implant and if necessary secured with a little provisional cement. Is polymerized directly into the long term temporary bridge. Intended service life 6 month.

KDS - BONE EXPANDING SCREWS

KDS bone-expanding screws are available for all **KOS** screw implants as tools to shape the definitive implant socket. In every implantation, each insertion of a **KOS** screw implant should in principle be preceded by bone condensation using a KDS bone-expanding screw. KDS screws can be used to expand even narrow alveolar crests. Inserting a KDS bone-expanding screw also makes it possible to check whether the **KOS** screw implant will insert into the bone easily and completely.

Made of titanium alloy Ti6Al4V ELI, not sandblasted. Tighten with IT K, ITS K or ITX K, preferably using TW 2 at no more than 40–45 Ncm, alternatively RAT2. Packaged in units of 1, **non-sterile**.



- a) enossal length: 8 - 19 mm
- b) enossal Ø: 3.0/3.2/3.7/4.1/5 mm
- c) length bef. sandblasting: 10 mm
- d) length abutment: 6.8 mm
- e) neck-Ø: 2.0 mm
- f) neck length: 3 mm

Description	Code KDS	Enossal Ø	Length	Neck-Ø	REF
KDS 3.0 10	A	3.0 mm	10 mm	2.0 mm	<b>455212</b>
KDS 3.0 12	B	3.0 mm	12 mm	2.0 mm	<b>455213</b>
KDS 3.0 15	C	3.0 mm	15 mm	2.0 mm	<b>455214</b>
KDS 3.2 12	D	3.2 mm	12 mm	2.5 mm	<b>455223</b>
KDS 3.2 15	E	3.2 mm	15 mm	2.5 mm	<b>455224</b>
KDS 3.7 12	F	3.7 mm	12 mm	2.8 mm	<b>455233</b>
KDS 3.7 15	G	3.7 mm	15 mm	2.8 mm	<b>455234</b>
KDS 4.1 8	H	4.1 mm	8 mm	2.8 mm	<b>455241</b>
KDS 4.1 10	I	4.1 mm	10 mm	2.8 mm	<b>455242</b>
KDS 4.1 12	K	4.1 mm	12 mm	2.8 mm	<b>455243</b>
KDS 4.1 15	L	4.1 mm	15 mm	2.8 mm	<b>455244</b>
KDS 4.1 17	M	4.1 mm	17 mm	2.8 mm	<b>455245</b>
KDS 4.1 19	N	4.1 mm	19 mm	2.8 mm	<b>455246</b>
KDS 5.0 10	O	5.0 mm	10 mm	2.8 mm	<b>455252</b>
KDS 5.0 12	P	5.0 mm	12 mm	2.8 mm	<b>455253</b>

KDS bone expanding screws are easily inserted using matching insertion aids. Once they are inserted to full depth, they are removed immediately before placing the **KOS®** implant. The use of KDS bone expanding screws is mandatory with **KOS A** (angled) and **KOS B** (flexible) implants, independent of the target region, in order to prevent the implant neck twisting due to the shear forces exerted during placement.

SECONDARY PART - SET FOR SQUARE-HEAD Ø 3.0 - 5.0







Set 4		
<b>Code</b> TSPA 4* Impression cap, POM	<b>IA4/IAU</b> Double analogue (Plastic)	<b>P04</b> Castable abutment
<b>REF</b> 462029	<b>462111</b>	<b>462088</b>
<b>REF 462081 for the complete SET</b>		

\* **TSPA 4 & 5:** For taking impressions on ground implant heads. This ring-transfer exposes the lower border of the abutment head. The impression is then poured with extra-strong gypsum or epoxy-resin. For this techniques no implant analogues are needed.  
Material: Plastic

## HEATLESS®-DRILL «DOS» FOR IMPLANTS WITH CONICAL CORE













Surgical steel, color coded, depth coded and autoclavable. The drill is marked with laser depth markings.

	Description	Color	max. working length	REF
	DOS 1	yellow	17 mm	<b>455311</b>
	DOS 2	black	17 mm	<b>455312</b>
	DOS 3	red	17 mm	<b>455313</b>
	DOS 4	blue	21 mm	<b>455314</b>
	DOS 5	green	17 mm	<b>455315</b>
	Description	Color	max. working length	REF
	DOS 6	transparent	15 mm	<b>455316</b>








**DOS 6:** The tip of this drill is 2 mm shorter, allowing 2 mm deeper drilling than nominally indicated on the drill. This allows the conical bone cavity to be circularly expanded in the crestal region only without increasing the drilling depth. DOS 6 is intended for use with KOS 5.0 12, KOS 5.0 10 and KOS 4.1 8 implants.

## INSERTION TOOLS

	Description	Type	Angulation	Length	for implant	REF
	IT K	long	-----	20 mm	KOS, KOS B, KDS	<b>462320</b>
	ITX K	extralong	-----	45 mm	KOS, KOS B, KDS	<b>462321</b>
	ITS K	short	-----	7 mm	KOS, KOS B, KDS	<b>462322</b>
	ITWH K *	contra-angle/hex	-----	23 mm	KOS, KOS B, KDS	<b>462323</b>
	ITW K	contra-angle	-----	23 mm	KOS, KOS B, KDS	<b>462331</b>
	IT 15 K	long	15°	20 mm	KOS A	<b>462325</b>
	ITS 15 K	short	15°	7 mm	KOS A	<b>462328</b>
	IT TB K	long	-----	20 mm	KOS K	<b>462327</b>
	Tool E **	long	-----	20 mm	KOS A, B	<b>462377</b>
	IT TCA	long	-----	20 mm	KOS E	<b>425063</b>

\* for W&H contra-angles with new connection to the contra-angle only.  
 \*\* Emergency tool for KOS and BCS

## INSTRUMENTS AND TOOLS

	Description	Type	Length	REF
	DX 2	Drill extender, extends by 19 mm		<b>500704</b>
	Standardized probe PDG	1-mm scale for radiological measurements	22 mm	<b>425400</b>
	Radiol. measure pin CDG	fits to DOS 1		<b>420329</b>
	Ratchet RAT2	for all Hex-instruments and insertion tools		<b>425051</b>
	Ratchet RAT3	angled, for all Hex-instruments and insertion tools		<b>425052</b>
	Torque wrench TW2	10 - 70 Ncm		<b>425402</b>
	UAW *	Universal ratchet adapter for all angled handpiece tools, use with RAT2 ratchet. Max. 30 Ncm		<b>425107</b>

It is recommended to have the torque ratchets recalibrated by us once a year.

\* Do not use UAW in combination with RAT2 with Heatless® bone drills. The maximum insertion torque for UAW and Heatless® bone drills is 35 Ncm. UAW may therefore be used only with TW2.

HANDGRIPS AND ADAPTERS

**HANDGRIP**

**Length** 110 mm  
**REF** 311430

Dismountable, can be cleaned manually.

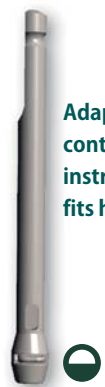
**HANDGRIP**

**Length** 110 mm  
**REF** 311431

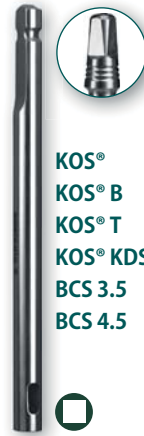
Not dismountable. Cleaning in ultrasonic bath at 45° C, with alkaline cleansing medium.



Drill



Adapter for all contra-angle-instruments, fits handgrip



KOS®  
KOS® B  
KOS® T  
KOS® KDS  
BCS 3.5  
BCS 4.5



KOS® X  
KOS® XB  
KOS® PLUS  
BCS 3.6  
BCS 4.6  
ab > 5.5



KOS MU  
BCS MU

Insertion tools

**BCD 1 ADAPTER**  
**Length** 100 mm  
**REF** 310511

**TWIST DRILL 2.0**  
**Length** 100 mm  
**REF** 310512

**TWIST DRILL 2.5**  
**Length** 100 mm  
**REF** 310513

**ADAPTER RA**  
**Length** 60 mm  
**REF** 310530

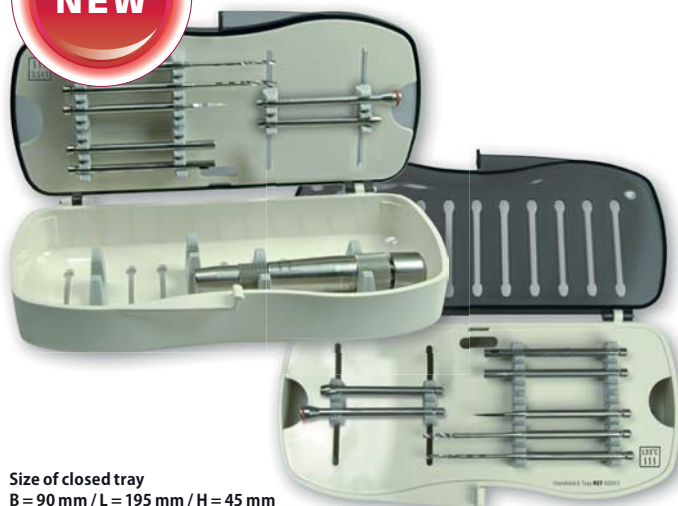
**ADAPTER AHK**  
**Length** 70 mm  
**REF** 462319

**ADAPTER AHB**  
**Length** 70 mm  
**REF** 900037

**ADAPTER IT MU 15**  
**Length** 60 mm  
**REF** 418167



**HANDGRIP - TRAY**



Size of closed tray  
B = 90 mm / L = 195 mm / H = 45 mm

Description	Length	REF
BCD 1 Adapter	100 mm	310511
Twist Drill 2.0	100 mm	310512
Twist Drill 2.5	100 mm	310513
Adapter RA	60 mm	310530
Adapter AHK	70 mm	462319
Adapter AHB	70 mm	900037
Adapter IT MU 15	60 mm	418167
Handgrip	110 mm	311430
Handgrip-Tray (empty)		60043
<b>Handgrip-Tray (with content)</b>		<b>S60043</b>

## METAL - TRAY

Autoclavable up to 134 °C, not suitable for dry heat sterilizers



**Size of closed tray**  
**B = 105 mm / L = 230 mm / H = 50 mm**  
**for all autoclaves**

## CONTENT FOR THE KOS® - TRAY

Description	STARTER-SET	PROFESSIONAL	REF
Twist drill DS 2.0			425001
Twist drill DS 2.8	●	●	425005
Twist drill DS 4.2		●	425013
KOS-Drill DOS 1 to 6	●	●	455311 to 455316
Insertion tool IT K	●	●	462320
Insertion tool ITX K		●	462321
Insertion tool ITS K	●	●	462322
Insertion tool IT 15 K	●	●	462325
Insertion tool ITS 15 K		●	462328
Insertion tool IT TB K	●	●	462327
Insertion tool ITW K	●	●	462331
Insertion tool ITWH K		●	462323
Insertion tool ITK EB		●	462332
Emergency tool for KOS-BCS Tool E	●	●	462377
Bone expanding screw KDS 3.0 10		●	455212
Bone expanding screw KDS 3.0 12	●	●	455213
Bone expanding screw KDS 3.0 15	●	●	455214
Bone expanding screw KDS 3.2 12	●	●	455223
Bone expanding screw KDS 3.2 15	●	●	455224
Bone expanding screw KDS 3.7 12	●	●	455233
Bone expanding screw KDS 3.7 15	●	●	455234
Bone expanding screw KDS 4.1 8	●	●	455241
Bone expanding screw KDS 4.1 10	●	●	455242
Bone expanding screw KDS 4.1 12	●	●	455243
Bone expanding screw KDS 4.1 15	●	●	455244
Bone expanding screw KDS 5.0 10		●	455252
Bone expanding screw KDS 5.0 12		●	455253
Drill extension DX2		●	500704
Torque wrench TW2	●	●	425402
Metal-Tray (empty)			60006
<b>Metal-Tray (Starter set, with content)</b>	<b>1.400,00</b>		<b>60006SS</b>
<b>Metal-Tray (Professional set, with content)</b>		<b>2.900,00</b>	<b>S60006</b>



**DRILLSTOPP - TRAY**

Not suitable for dry heat sterilizers



**-55%**  
Hitze / Heat

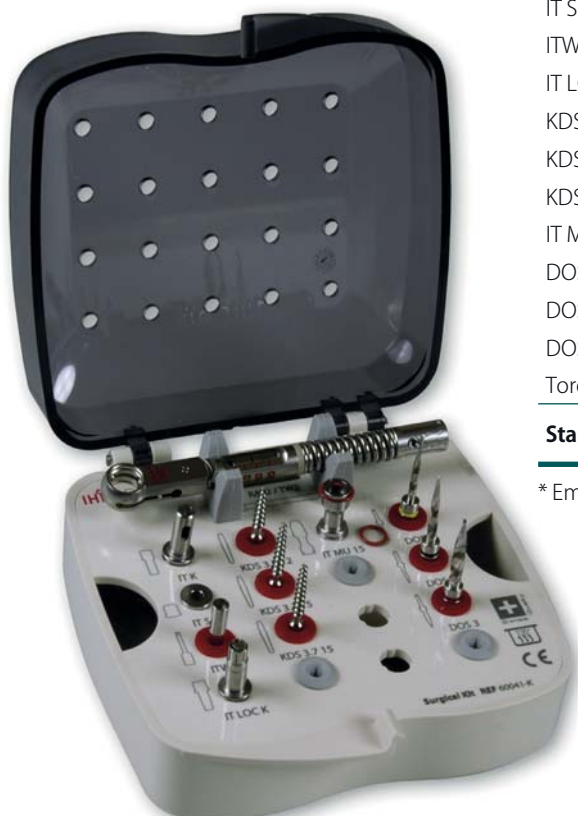
**CONTENT**

Description	REF	Description	REF
Drillstopp B	500882	Drill DOS 1	455311
Drillstopp C	500883	Drill DOS 2	455312
Drillstopp D	500884	Drill DOS 3	455313
Drillstopp F	500886	Drill DOS 4	455314
Drillstopp H	500888	Drill DOS 5	455315
Drillstopp K	500891	Drill DOS 6	455316
Drillstopp L	500892	<b>Tray complete</b>	<b>60033-K</b>

★ It has been scientifically proven that **Dr. Ihde** Dental heatless® drills generate 55% less heat than traditional bone drills from other manufacturers. This makes it possible to use higher rotational speeds: between 3,000 and 5,000 rpm are recommended with good external cooling and intermittent drill technique.

**STARTER - TRAY**

Autoclavable up to 134 °C, not suitable for dry heat sterilizers  
 This surgical kit contains all drills and tools for first works with the KOS® system.  
 Material: autoclavable plastic



**CONTENT**

Description	REF
IT K	462320
IT S K	462322
ITW K	462331
IT LOCK	462333
KDS 3.2 12	455223
KDS 3.2 15	455224
KDS 3.7 15	455234
IT MU 15	418166
DOS 1	455311
DOS 2	455312
DOS 3	455313
Torque wrench TW2	425402
<b>Starter-Tray (with content)*</b>	<b>S60041-K</b>

\* Empty tray upon request

Please read our detailed instructions for cleaning and re-sterilisation of surgical instruments on [www.implant.com/de/instructions](http://www.implant.com/de/instructions) (Gebrauchsanweisungen - Implantate - Hygienemerklblatt)

## MULTI - TRAY

Autoclavable up to 134 °C, not suitable for dry heat sterilizers



Size of closed tray  
B = 170 mm / L = 280 mm / H = 50 mm  
for wide autoclaves

### CONTENT FOR KOS®, BCS® AND BOI®

Description	REF	Description	REF
<b>LEVEL 1 - TRAY INCL. KOS®-INSTRUMENTS</b>		<b>LEVEL 3 - CUTTER SET FOR BOI®</b>	
Carbide cutter	411581	Carbide cutter	411581
DOS 1	455311	VC	462215
DOS 2	455312	LC7-6W	462259-6W
DOS 3	455313	LC7-8W	462259-8W
DOS 4	455314	LC8-4W	462260-4W
DOS 5	455315	LC9-6W	462261-6W
DOS 6	455316	LC9-8W	462261-8W
Standardized probe CDG (2x)	420329	LC10-6W	462262-6W
KDS 3.0 15	455214	LC12-6W	462264-6W
KDS 3.7 15	455234	KC7-4W	462221-4W
KDS 4.1 15	455244	LCD7-4W	462252-4W
IT LOC K	462333	LCT7-4W	462255-4W
ITW K	462331	ITW SSF / OTV	314448
IT 15 K	462325	BHB bending tool	462700
Emergency tool for KOS-BCS	462377		
IT K	462320	<b>Additional instrument set for LEVEL 3</b>	<b>S60020-L3</b>
ITX K	462321		
ITS K	462322	Multi-Tray (empty)	60020
<b>Additional instrument set for LEVEL 1</b>	<b>S60020-L1</b>	<b>Tray complete with all instruments for all three systems</b>	<b>S60020</b>
<b>LEVEL 2 - DRILL SET FOR BCS®</b>		<b>OPTIONAL ADDITIONAL CONTENT</b>	
IT2 BCS	900030	Twist Drill 2.0 / 40	90019
DX 2	500704	Twist Drill 2.2 / 50	90021
BCD 1	900240	BCD 1 Adapter, for handgrip	310511
BCDX 1	900243	Twist Drill 2.0, for handgrip	310512
Twist Drill 2.0 21	90022	Twist Drill 2.5, for handgrip	310513
Twist Drill 2.0 30	90020	AHK, adapter	462319
Twist Drill 2.5 21	90026	Adapter contra-angle for handgrip	310530
<b>Additional instrument set for LEVEL 2</b>	<b>S60020-L2</b>	AHB, BCS-adapter for handgrip	900037
		Drillstopp B	500882
		Drillstopp C	500883
		Drillstopp D	500884
		Drillstopp F	500886
		Drillstopp H	500888
		Drillstopp K	500891
		Drillstopp L	500892

## TITANIUM CROWN BASE AND BAR-PROFILES

Multi-purpose titanium caps for:

- creating immediately lasered bridge-frames, together with bar profiles (without female profiles)
- x-ray controll, controll of the modellation
- direct polymerisation into bridges
- direct veneering with Titanium-ceramics

MA4 for: KOS, KOS B, KOS A, BCS 3.5, BCS 4.5 / MA5 for: KOS x, KOS Plus, BCS 3.6, BCS 4.6 - BCS 12

Material: TiAl4V



Description	REF
MA4 Titanium-cap, radio-opaque	<b>462090</b>
MA5 Titanium-cap, radio-opaque	<b>462093</b>



Description	REF
Bar sleeve, titanium, large; 3.0 mm high, 2.2 mm wide, 55 mm long	<b>SP1</b>
Bar sleeve, titanium, small; 2.3 mm high, 1.6 mm wide, 55 mm long	<b>SP2</b>
Titanium bar matrix for SP 1, 55 mm long	<b>SP6</b>
Titanium bar matrix for SP 2, 55 mm long	<b>SP7</b>

## INFORMATION DVD

### KOS® - implantations

#### Minimally invasive immediate loading implantology with KOS® implants



1. Insertion of 21 KOS® implants in 3 hours.
2. Maxillary rehabilitation using a new motorised placement technique.
3. Minimally invasive procedures for beginners.

**authors:**

Dr. Werner Mander, (IMF) Dr. Thomas Fabritius.

Description	REF
DVD	<b>6668</b>

## APPLICATION AREAS (INDICATIONS) KOS®

- Anchorage for crowns, bridges and bars, given a bone supply adequate with regard to bone quality, bone width and bone height.
- Nothing has been reported concurrently on the use of KOS® in combination with bone augmentation.
- Anchorage of prostheses using bars and ball retainer systems.
- Single tooth treatment (only KOS® - Implants !).

## RESTRICTIONS ON USE FOR KOS®B / KOS®A

- These two implant types may only be used in reduced-load areas or as additional support implants.
- It is necessary to splint at least three, preferably more implants as well as bracing across the arch. The construction must include at least one KOS® implant. The prosthetic treatment must be fixed securely (**using definitive cements**).
- Not to be used for segmented bridges unless at least two KOS® screws are used. In case of doubt, angulation adapters on KOS® screws should be used in preference to KOS®B screws.
- Avoid combining with basal implants for reasons of elasticity.
- Not to be used to increase the number of abutments in combination with natural teeth.
- Not to be used when exposed to diagonal loading or in deep-bite cases in the maxillary or mandibular anterior region.
- Max. width of occlusal surface: 5 mm.
- Not to be used as terminal abutments.
- Bendable up to 13 degrees.

## NOTES ON THE CARE OF SURGICAL STEEL INSTRUMENTS

Surgical steel instruments can quickly become damaged if inadequately or improperly cared for. Only the special solvents for cleaning surgical steel from blood and debris should be used. (i.e. Dentatrend disinfection products). In case of doubt, consult Dr. Ihde Dental AG, Switzerland: contact@implant.com.

Not recommended are:

- disinfectants / cleaners with a high chlorine content.
- disinfectants / cleaners with a high oxalic acid content.

Not recommended for instruments with colour coding are:

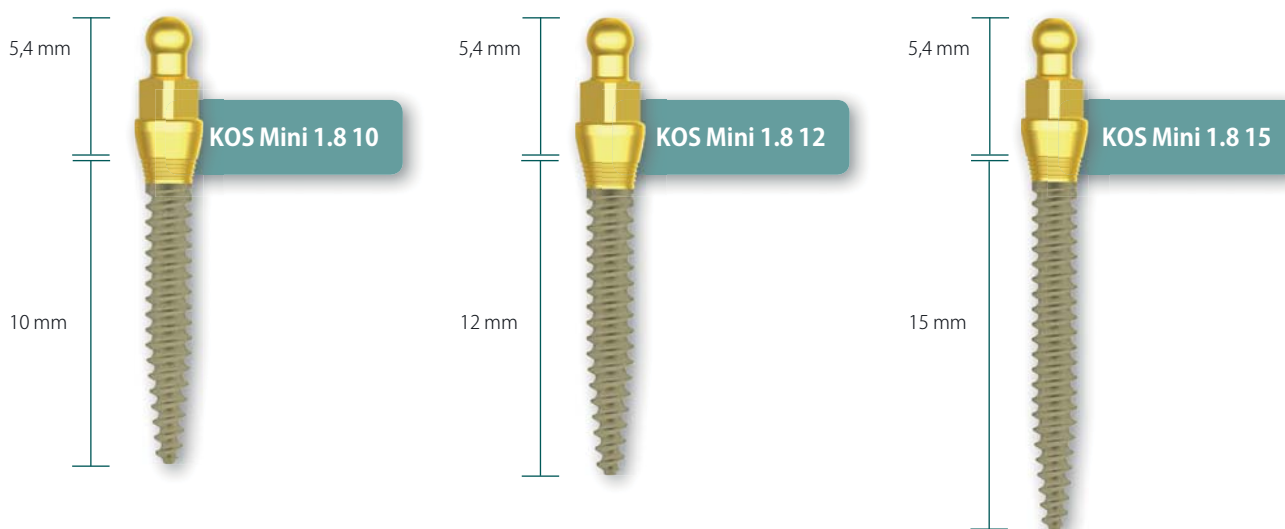
- Excessively high solvent concentrations, disinfectants / cleaners with the components mentioned above.
- Excessive temperatures in machine cleaning and sterilisation.
- Never exceed 135 ° C!

## NO-ITIS® - THE INNOVATIVE IMPLANT SURFACE

Implants with the new No-Itis®-surface are double-sandblasted and then etched under heat. As final step an electro-chemical staining will be applied and this last step of the surface preparation smoothens small wells (up to around 5 Micrometers) in the surface. Smooth implants (e.g. systems BCS, BOI) receive the final surface treatment without any prior sandblasting or etching. This surface, which is new in dental implantology, is extremely clean and keeps bacteria off the the implant. This surface has been proven successful in traumatology for a long time. The reduction of roughness on the surface helps preventing peri-implantitis. During the insertion of the implants the smoother surface reduces heat and thereby less torques is necessary and less heat develops. All other parameters like the drilling sequence etc. remain unchanged.

### Ti6AL4V ELI

Ti6AL4V ELI, also called „Grade 5“, is a purified version of the conventional 6/4 Ti-Alloy. It is used for more than 50% of all human metallic implants. The material features superb mechanical and chemical properties, and it is very resistant against corrosion. Also regarding biocompatibility and the support of cell-growth this specific titanium-alloy shows advantages compared to pure titanium. For these reasons the material is used so widespread. Ti6AL4V ELI provides a 25% higher stability compared to pure titanium.



Minimal differences to the displayed No-Itis® implant-colour has no influence on the quality of the surface.

Description	enossal Ø	enossal length	H above bone	Material
KOS® Mini 1.8 10	1.8 mm	10 mm	5.4 mm	Ti6AL4V ELI
KOS® Mini 1.8 12	1.8 mm	12 mm	5.4 mm	Ti6AL4V ELI
KOS® Mini 1.8 15	1.8 mm	15 mm	5.4 mm	Ti6AL4V ELI
KOS® Mini 2.4 12	2.4 mm	12 mm	5.4 mm	Ti6AL4V ELI
KOS® Mini 2.4 15	2.4 mm	15 mm	5.4 mm	Ti6AL4V ELI
KOS® Mini 2.4 18	2.4 mm	18 mm	5.4 mm	Ti6AL4V ELI
KOS® Mini 2.8 12	2.8 mm	12 mm	5.4 mm	Ti6AL4V ELI
KOS® Mini 2.8 15	2.8 mm	15 mm	5.4 mm	Ti6AL4V ELI
KOS® Mini 2.8 18	2.8 mm	18 mm	5.4 mm	Ti6AL4V ELI

KOS® MINI SET 1.8 10	REF
KOS® Mini 1.8 10 (4 Piece)	
Drill for KOS® Mini DS, ø 1.3 mm	<b>455050</b>
Sleeve and O-ring (set of 4)	

KOS® MINI SET 1.8 12	REF
KOS® Mini 1.8 12 (4 Piece)	
Drill for KOS® Mini DS, ø 1.3 mm	<b>455051</b>
Sleeve and O-ring (set of 4)	

KOS® MINI SET 1.8 15	REF
KOS® Mini 1.8 15 (4 Piece)	
Drill for KOS® Mini DS, ø 1.3 mm	<b>455052</b>
Sleeve and O-ring (set of 4)	

KOS® MINI SET 2.4 12	REF
KOS® Mini 2.4 12 (4 Piece)	
Drill for KOS® Mini DS, ø 1.9 mm	<b>455053</b>
Sleeve and O-ring (set of 4)	

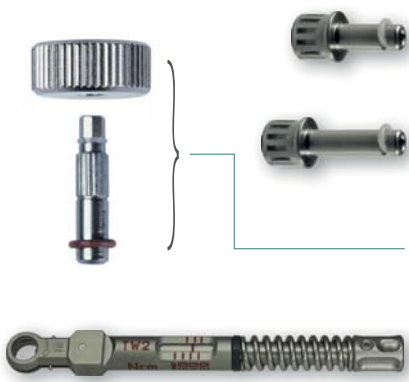
KOS® MINI SET 2.4 15	REF
KOS® Mini 2.4 15 (4 Piece)	
Drill for KOS® Mini DS, ø 1.9 mm	<b>455054</b>
Sleeve and O-ring (set of 4)	

KOS® MINI SET 2.4 18	REF
KOS® Mini 2.4 18 (4 Piece)	
Drill for KOS® Mini DS, ø 1.9 mm	<b>455055</b>
Sleeve and O-ring (set of 4)	

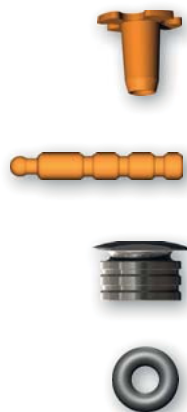
KOS® MINI SET 2.8 12	REF
KOS® Mini 2.8 12 (4 Piece)	
Drill for KOS® Mini DS, ø 2.3 mm	<b>455056</b>
Sleeve and O-ring (set of 4)	

KOS® MINI SET 2.8 15	REF
KOS® Mini 2.8 15 (4 Piece)	
Drill for KOS® Mini DS, ø 2.3 mm	<b>455057</b>
Sleeve and O-ring (set of 4)	

KOS® MINI SET 2.8 18	REF
KOS® Mini 2.8 18 (4 Piece)	
Drill for KOS® Mini DS, ø 2.3 mm	<b>455058</b>
Sleeve and O-ring (set of 4)	



Description	REF
Placement aid IT K KOS® Mini (short, 12 mm)	<b>462376</b>
Placement aid IT K KOS® Mini (long, 20 mm)	<b>462374</b>
Placement aid IT H KOS® Mini (2-piece) for manual insertion	<b>462375</b>
Torque wrench TW2, 10 - 70 Ncm	<b>425402</b>



Description	REF
Impression coping KOS® Mini Pack of 4	<b>462117</b>
Analogue KOS® Mini Pack of 4	<b>462116</b>
Sleeve KOS® Mini for polymerizing into the prosthesis, delivery with inserted O-ring	<b>462113</b>
O-ring for sleeve for replacement Pack of 4	<b>462114</b>



Description	Working length	REF
Depth-measurement-probe for KOS® Mini		<b>462115</b>
Drill for KOS® Mini, ø 1.3 mm	15 mm	<b>455318</b>
Drill for KOS® Mini, ø 1.9 mm	18 mm	<b>455319</b>
Drill for KOS® Mini, ø 2.3 mm	18,4 mm	<b>455320</b>

The head of the implant is prepared for the connection with two stacked titan wires of 1.5 mm Ø each by intra-oral welding.



- a) enossal length: 6 - 15 mm
- b) max. enossal Ø  
 small head: 3.3 mm  
 max. enossal Ø  
 large head: 3.9 mm
- c) neck Ø: 2.3 - 2.8 mm

Material: Ti6Al4V ELI

Minimal differences to the displayed No-Itis® implant-colour has no influence on the quality of the surface.

Description	enossal Ø	Length	Head	Neck Ø	REF
KOS Micro 3.0 10*	3.0 mm	10 mm	klein	2.3 mm	<b>455900</b>
KOS Micro 3.0 12*	3.0 mm	12 mm	klein	2.3 mm	<b>455901</b>
KOS Micro 3.2 12*	3.2 mm	12 mm	klein	2.3 mm	<b>455905</b>
KOS Micro 3.2 15*	3.2 mm	15 mm	klein	2.3 mm	<b>455906</b>
KOS Micro 3.7 6	3.7 mm	6 mm	gross	2.5 mm	<b>455910</b>
KOS Micro 3.7 8	3.7 mm	8 mm	gross	2.5 mm	<b>455911</b>
KOS Micro 3.7 10	3.7 mm	10 mm	gross	2.5 mm	<b>455912</b>
KOS Micro 3.7 12	3.7 mm	12 mm	gross	2.5 mm	<b>455913</b>
KOS Micro 3.7 15	3.7 mm	15 mm	gross	2.5 mm	<b>455914</b>
KOS Micro 4.1 8	4.1 mm	8 mm	gross	2.8 mm	<b>455920</b>
KOS Micro 4.1 10	4.1 mm	10 mm	gross	2.8 mm	<b>455921</b>
KOS Micro 4.1 12	4.1 mm	12 mm	gross	2.8 mm	<b>455922</b>
KOS Micro 4.1 15	4.1 mm	15 mm	gross	2.8 mm	<b>455923</b>
KOS Micro 5 10	5 mm	10 mm	gross	2.8 mm	<b>455925</b>
KOS Micro 5 12	5 mm	12 mm	gross	2.8 mm	<b>455926</b>

Max. torque for insertion for KOS® Micro implants is 100 Ncm.

\* For these implants the max. torque for insertion is 80 Ncm.

Impression and laboratory accessories for KOS MICRO					
	for small head			for large head	
Code	TSPA 4	P04	IA4/IAU (plastic)	PA X	POB
REF	462029	462088	462111	462136	462086
	Impression coping, castable, POM	Castable abutment	Double-analogue Pack of 5	Castable abutment Pack of 5	Castable part Pack of 5



**HEATLESS®-DRILL «DOS» FOR IMPLANTS WITH CONICAL CORE**

Surgical steel, color coded, depth coded and autoclavable. The drill is marked with laser depth markings. Use with 3.000 - 5.000 UpM without pressure.



Description	Color	max. working length	REF
DOS 1	yellow	17 mm	<b>455311</b>
DOS 2	black	17 mm	<b>455312</b>
DOS 3	red	17 mm	<b>455313</b>
DOS 5	green	17 mm	<b>455315</b>

**PATHFINDER DRILL**

Conical drill with 3 cutting edges. For use as first drill for all crestal dental implant systems. The drill finds its way between narrow corticals without pressure. Use with 800 - 1.500 UpM.



Description	Color	max. working length	REF
BCD 1	yellow	15 mm	<b>900240</b>
BCD 2	black	15 mm	<b>900241</b>
BCD 3	red	15 mm	<b>900242</b>

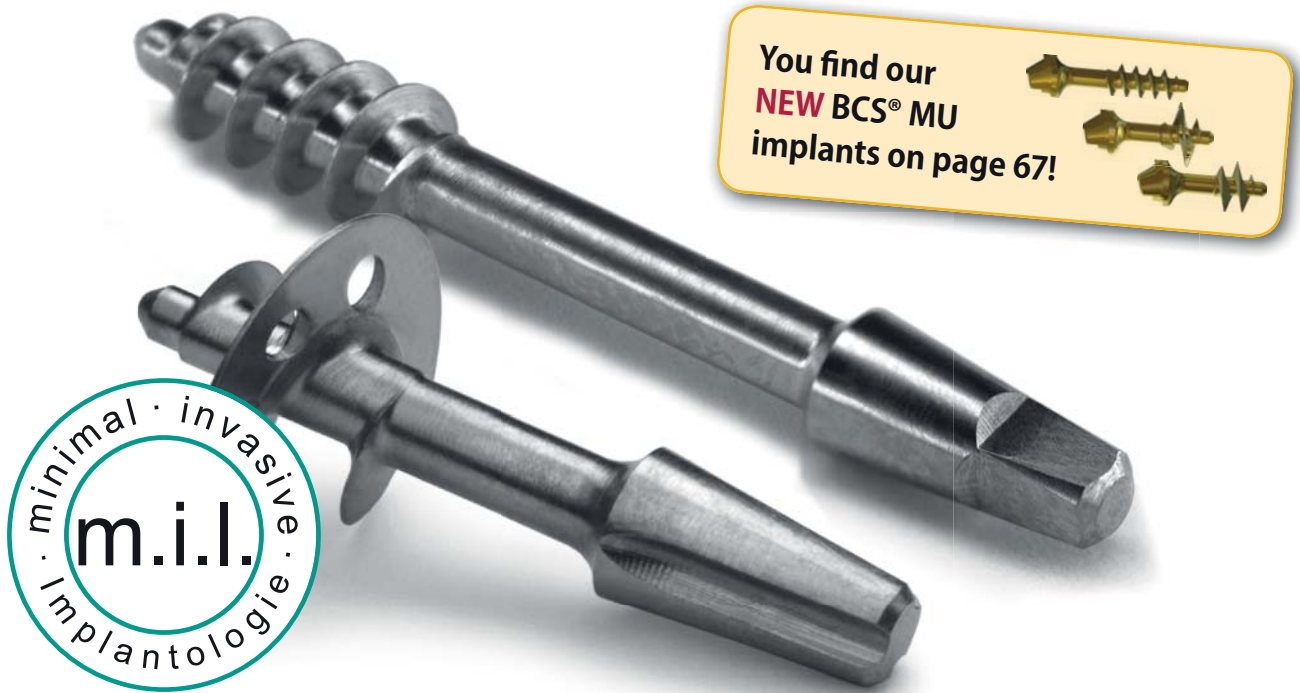
**INSTRUMENTS AND TOOLS**



Description	Type	Length	REF
Placement aid IT2 S BCS	Short, for large head. For RAT2 and TW2	7 mm	<b>900038</b>
Placement aid IT2 BCS	Medium, for large head. For RAT2 and TW2	19 mm	<b>900030</b>
Placement aid IT2W	For large head, for KOS and BCS	23 mm	<b>900039</b>
Placement aid IT K	Long, for small head. For KOS and KOS B	20 mm	<b>462320</b>
Placement aid ITS K	Short, for small head. For KOS and KOS B	7 mm	<b>462322</b>
Placement aid ITWH K *	Contra-angle/hex. For KOS and KOS B	23 mm	<b>462323</b>
Placement aid ITW K	Contra-angle. For KOS and KOS B	23 mm	<b>462331</b>
Torque wrench TW2	10 - 70 Ncm		<b>425402</b>
Adapter AHB	For large head, use with handgrip	70 mm	<b>900037</b>
Handgrip	Can be cleaned manually	110 mm	<b>311430</b>

It is recommended to have the torque ratchets recalibrated by us once a year. \* for W&H contra-angles with new connection to the contra-angle only.

# BCS<sup>®</sup>



## BCS<sup>®</sup> implants

BCS<sup>®</sup> is the ideal implant system for immediately loaded, cortically supported restorative designs. BCS<sup>®</sup> implants can be immediately placed in extraction sockets if their basal support is sufficient. The anti-reverse protection provides immediate stability, preventing rotation caused during prosthetic manipulations. The restoration should be inserted before the third day postoperatively. BCS<sup>®</sup> implants are made out of high-strength, biocompatible (Ti6Al4V) titanium alloy. A minimum of three implants should be interlocked.

The drilling sequences for this system can be found in our system application.

Mandatory, respectively recommended fastening torques for implants, abutments and fastening screws can be found on [www.implant.com/de/instructions](http://www.implant.com/de/instructions)

You could not find a specific implant system or a certain product in this catalog?  
Please have a look at [www.shop-implant.com](http://www.shop-implant.com)



BCS® - IMPLANTS



SOON - with new No-Itis® surface!

- a) diameter of thread: 3.5 - 4.5 mm
- b) endosseous length: 10 - 38 mm
- c) abutment height: 6.8 mm
- d) max. abutment diameter: 3.35 mm
- e) length of polished shaft: 3 - 29 mm
- f) max. crestal diameter of shaft: 2-2.3 mm
- g) length of thread: 5.5 - 7.5 mm
- Square for tool: 1.9 mm

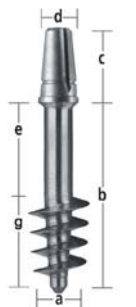
BCS® implants are delivered incl. lab-set consisting of REF462111, REF462029 and REF462088

Screw implant for bi- or multicortical placement for usage in bridge constructions. The implant may be placed into fresh extraction sockets and must splinted immediately. Completely machined/polished surface. The abutment head is identical with KOS®. Self cutting thread with anti rotation feature.

Description	a	b	e	f	g	Angulation	REF
BCS 3.5 10	3.5	10	3	2.0	5.5	-	900208
BCS 3.5 14	3.5	14	5	2.0	7.5	-	900210
BCS 3.5 17	3.5	17	8	2.0	7.5	-	900211
BCS 3.5 20	3.5	20	11	2.0	7.5	-	900212
BCS 3.5 23	3.5	23	14	2.0	7.5	-	900213
BCS 3.5 26	3.5	26	17	2.0	7.5	-	900214
BCS 3.5 29	3.5	29	20	2.0	7.5	-	900215
BCS 3.5 32	3.5	32	23	2.0	7.5	-	900216
BCS 3.5 35	3.5	35	26	2.0	7.5	-	900217
BCS 3.5 38	3.5	38	29	2.0	7.5	-	900218
BCS 4.5 14	4.5	14	5	2.3	7.5	-	900220
BCS 4.5 17	4.5	17	8	2.3	7.5	-	900221
BCS 4.5 20	4.5	20	11	2.3	7.5	-	900222
BCS 4.5 23	4.5	23	14	2.3	7.5	-	900223
BCS 4.5 26	4.5	26	17	2.3	7.5	-	900224
BCS 4.5 29	4.5	29	20	2.3	7.5	-	900225

Insertion tools: IT KOS, ITX KOS, ITS KOS, Adapter AHK

BCS® WITH LARGE HEAD



SOON - with new No-Itis® surface!

- a) thread Ø: 3.6 - 4.6 mm
- b) enossal length: 10 - 29 mm
- c) abutment height: 7.2 mm
- d) abutment Ø: 3.9 mm
- e) length of polished shaft: 3 - 20 mm
- f) crestal Ø of shaft: 2.0-2.3 mm
- g) length of thread: 5.5 - 7.5 mm



SOON - with new No-Itis® surface!

- a) thread Ø: 5.5 - 12 mm
- b) enossal length: 10 - 20 mm
- c) Abutment height: 7.2 mm
- d) Abutment Ø: 3.9 mm
- e) length of polished shaft: 3 - 13 mm
- f) Chestale diameter of shaft: 2.3 - 2.4 mm
- g) Length of thread: 5.5 - 6.5 mm

Minimal differences to the displayed No-Itis® implant-colour has no influence on the quality of the surface.

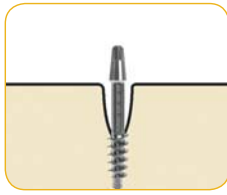
BCS® implants with large head are delivered incl. lab-set consisting of REF462111, REF462030 and REF462086

Description	a	b	c	d	e	f	g	REF
BCS 3.6 10	3.6	10	7	3.9	4	2.0	5.5	900285
BCS 3.6 12	3.6	12	7	3.9	6	2.0	5.5	900284
BCS 3.6 14	3.6	14	7	3.9	5	2.0	7.5	900286
BCS 3.6 17	3.6	17	7	3.9	8	2.0	7.5	900287
BCS 3.6 20	3.6	20	7	3.9	11	2.0	7.5	900288
BCS 3.6 23	3.6	23	7	3.9	14	2.0	7.5	900289
BCS 3.6 26	3.6	26	7	3.9	17	2.0	7.5	900290
BCS 3.6 29	3.6	29	7	3.9	20	2.0	7.5	900291
BCS 4.6 8	4.6	8	7	3.9	3	2.2	5.5	900299
BCS 4.6 10	4.6	10	7	3.9	4	2.2	5.5	900292
BCS 4.6 12	4.6	12	7	3.9	6	2.2	5.5	900300
BCS 4.6 14	4.6	14	7	3.9	5	2.2	7.5	900293
BCS 4.6 17	4.6	17	7	3.9	8	2.2	7.5	900294
BCS 4.6 20	4.6	20	7	3.9	11	2.2	7.5	900295
BCS 4.6 23	4.6	23	7	3.9	14	2.2	7.5	900296
BCS 4.6 26	4.6	26	7	3.9	17	2.2	7.5	900297
BCS 4.6 29	4.6	29	7	3.9	20	2.2	7.5	900298
BCS 5.5 8	5.5	8	7	3.9	3	2.3	5.5	900255
BCS 5.5 10	5.5	10	7	3.9	4.5	2.3	5.5	900281
BCS 5.5 12	5.5	12	7	3.9	4.5	2.3	6.0	900250
BCS 5.5 14	5.5	14	7	3.9	6.5	2.3	6.0	900251
BCS 5.5 17	5.5	17	7	3.9	9.5	2.3	6.0	900252
BCS 5.5 20	5.5	20	7	3.9	12.5	2.3	6.0	900253
BCS 7 8	7	8	7	3.9	3	2.3	5.5	900258
BCS 7 10	7	10	7	3.9	4.5	2.3	5.5	900282
BCS 7 12	7	12	7	3.9	5	2.3	5.5	900260
BCS 7 14	7	14	7	3.9	7	2.3	5.5	900261
BCS 7 17	7	17	7	3.9	10	2.3	5.5	900262
BCS 7 20	7	20	7	3.9	13	2.3	5.5	900263
BCS 9 8	9	8	7	3.9	2.4	2.3	5.5	900269
BCS 9 10	9	10	7	3.9	2.8	2.3	5.5	900270
BCS 9 12	9	12	7	3.9	4.8	2.3	5.5	900274
BCS 9 14	9	14	7	3.9	6.8	2.3	5.5	900271
BCS 10.5 10	10.5	10	7	3.9	2.8	2.4	6.5	900276
BCS 10.5 12	10.5	12	7	3.9	4	2.4	6.5	900277
BCS 10.5 14	10.5	14	7	3.9	6	2.4	6.5	900278
BCS 10.5 17	10.5	17	7	3.9	9	2.4	6.5	900280
BCS 12 8	12	8	7	3.9	2.5	2.3	5.5	900279
BCS 12 10	12	10	7	3.9	2.7	2.3	5.5	900272
BCS 12 12	12	12	7	3.9	4	2.3	6.5	900275
BCS 12 14	12	14	7	3.9	6	2.3	6.5	900273

Insertion tools: IT2 BCS, IT2 S BCS, Adapter AHB

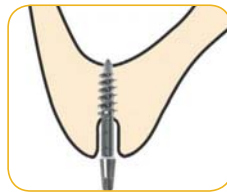
## APPLICATION

in the lower jaw



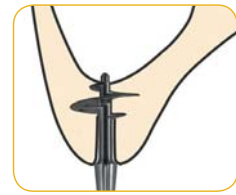
**BCS® 3.5 / 4.5 / 5.5**  
Inserted into local bone, cortical  
(basal/lateral) support

in the upper jaw



**BCS® 3.5 / 4.5 / 5.5**  
inserted into the lateral maxilla

in the upper jaw



**BCS® 12**  
Basal/sinusal and lateral support

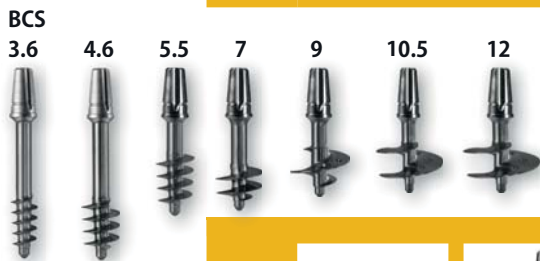
## ACCESSORIES FOR BCS® 3.5 AND BCS 4.5

BCS® sizes 3.5/4.5 are compatible with the following analogues & impression posts of the KOS®-systems:



### Impression and laboratory accessories

			or			
<b>Code REF</b>	<b>TSPA 4</b> 462029	<b>IA4/IAU</b> 462112		<b>IA4/IAU</b> 462111	<b>PO4</b> 462088	<b>TPB K</b> 455261
	Impression post castable	Double analogue (Metal)		Double analogue (Plastic)	Castable abutment 7 mm high, white internally round	Tempbase for KOS, BCS 3.5, BCS 4.5
	Internally round Pack of 5			Pack of 5	Pack of 5	PEEK



			or		or			
<b>Code REF</b>	<b>TSPA 5* (Plastic)</b> 462030	<b>IA4/IAU (Metal)</b> 462112		<b>IA4/IAU (Plastic)</b> 462111		<b>POB</b> 462086	<b>TPB B</b> 462026	<b>PA X</b> 462136
	Impression post <b>internally round</b>	Double analogue		Double analogue		Castable abutment	Tempbase for KOS X / KOS XB PEEK	Impression- and castable abutment Pack of 5
	Pack of 5			Pack of 5		Pack of 5		
<b>Price cat.</b>	<b>B</b>	<b>A</b>		<b>B</b>		<b>B</b>	<b>C</b>	<b>A</b>

Parts for BCS 3.6, 4.6, 5.5, 7, 9, 10.5, 12 and KOS X, KOS XB, as well as BOI.

## SECONDARY PART SETS

		<b>Set 4</b> 	
<b>Code</b>	<b>TSPA 4*</b>	<b>IA4/IAU</b>	<b>PO4</b>
	Impression cap, POM	Double analogue (Plastic)	Castable abutment
<b>REF</b>	462029	462111	462088
	<b>REF 462081 for the complete SET</b>		

**PATHFINDER-DRILL**

Conical drill with 3 cutting edges. For use as first drill for all crestal dental implant systems. May be used in the handgrip or at slow speed with very little pressure. The drill finds its way between corticals.



Description	Color	max. working length	REF
BCD 1	yellow	15 mm	900240
BCD 2	black	15 mm	900241
BCD 3	red	15 mm	900242
BCDX 1	yellow	15 mm	900243
BCDX 2	black	15 mm	900244
BCDX 3	red	15 mm	900245



Description	REF
BCD 1 Adapter	Pathfinder for handgrip; length 100 mm 310511

**TWIST DRILL**

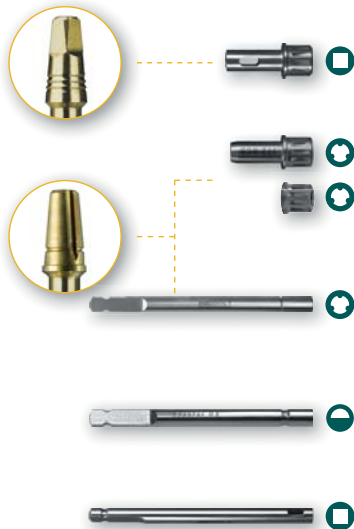


Description	Ø	max. working length	REF
Twist Drill 2.0 / 21	2.0 mm	21 mm	90022
Twist Drill 2.0 / 30	2.0 mm	30 mm	90020
Twist Drill 2.0 / 40	2.0 mm	40 mm	90019
Twist Drill 2.5 / 21	2.5 mm	21 mm	90026



Description	REF
<b>Twist Drill 2.0</b> , cylindrical Drill 2.0 mm for handgrip; length 100 mm	310512
<b>Twist Drill 2.5</b> , cylindrical Drill 2.5 mm for handgrip; length 100 mm	310513

**INSERTION TOOLS AND ADAPTERS**



Description	REF
<b>IT K</b> , for BCS implants with Ø 3.5 mm + 4.5 mm	462320
Description	REF
<b>IT2 BCS</b> , for BCS implants with Ø 3.6, 4.6, 5.5, 7, 9, 10.5, 12 mm	900030
<b>IT2 S BCS</b> , for BCS implants with Ø 3.6, 4.6, 5.5, 7, 9, 10.5, 12 mm	900038
Description	REF
<b>AHB</b> , for BCS implants with Ø 3.6, 4.6, 5.5, 7, 9, 10.5, 12 mm. For handgrips REF 311430 & 311431	900037
Description	REF
<b>Adapter</b> , for contra-angle instruments. For handgrips 311430 & 311431	310530
Description	REF
<b>AHK</b> , Adapter for BCS 3.5/4.5 & KOS®. For handgrips 311430 & 311431	462319

**WIRES FOR INTRA ORAL SYNCRYSTALLIZATION**



Description	Material	Ø	REF
Titanium wire (5 pieces á 15cm / pack)	TiSize2	1.5 mm	462001
Titanium wire (5 pieces á 15cm / pack)	TiSize2	2.0 mm	462002
Titanium wire (5 pieces á 15cm / pack)	Ti6Al4V	2.0 mm	462003

## FOR CEMENTATION

These adapters are used to change the direction of the abutment head in BCS 3.5 and BCS 4.5 mm-implants. Strong permanent cements (Fuji Plus or similar) must be used. Both the implant head and the inside of the adapter must be roughened. Over-projecting parts of the implant's head are trimmed after the cement has set. The impression is taken directly on the adapter or with the transfer PA AAA.



Description	Hight	Material	REF
AA15 KK Adapter, 15°	7.5	Ti6Al4V	<b>462036</b>
AA25 KK Adapter, 25°	7.8	Ti6Al4V	<b>462046</b>
AA5 15° Adapter short for large head		Ti6Al4V	<b>462052</b>
AA5 25° Adapter short for large head		Ti6Al4V	<b>462053</b>
ZAA15 KK Adapter, 15°	7.4	Zirconia	<b>462047</b>
ZAA25 KK Adapter, 25°	7.7	Zirconia	<b>462048</b>



## LAB ANALOGUE FOR ANGULATION ADAPTER (15° AND 25°)



Description	REF
AAA Abutment analogue for angulation adapter 15° and 25°	<b>462049</b>

## CASTABLE ABUTMENT AND IMPRESSION TRANSFER



Description	REF
PA AAA Castable abutment and transfer for AAA (Pack of 5)	<b>462050</b>

## CASTABLE ANGULATION ADAPTER

This castable is used for direct modellation. During the metal try in, over-projecting parts of the implant's head are trimmed away.



Description	Hight H	REF
AAL 15 KK Adapter, 15°, reducible (Pack of 5)	7.5	<b>462045</b>

## CEMENTING - ADAPTER

Replacement head for cementations. For BCS implants with shaft-diameter of up to 2.1mm. Larger shafts must be trimmed. Adjusts the vertical position of the abutment. Use Fuji Plus for cementing. Machined surface, with drain for cement. Material: Ti6Al4V ELI



Description	REF
B21 Replacement abutment for BCS, internal diameter 2.15 mm	<b>900316</b>
B21 ANA Anatomic replacement abutment for BCS, height above mucosa 7.5mm, tranguival height 1.5 mm, fully grindable	<b>462021</b>

## TITANIUM CROWN BASE AND BAR-PROFILES

Multi-purpose titanium caps for:

- creating immediately lasered bridge-frames, together with bar profiles (without female profiles)
- x-ray controll, controll of the modellation
- direct polymerisation into bridges
- direct veneering with Titanium-ceramics

MA4 for: KOS, KOS B, KOS A, BCS 3.5, BCS 4.5 / MA5 for: KOS x, KOS Plus, BCS 3.6, BCS 4.6 - BCS 12

Material: TiAl4V



Description	REF
MA4 Titanium-cap, radio-opaque	<b>462090</b>
MA5 Titanium-cap, radio-opaque	<b>462093</b>



Description	REF
Bar sleeve, titanium, large; 3.0 mm high, 2.2 mm wide, 55 mm long	<b>SP1</b>
Bar sleeve, titanium, small; 2.3 mm high, 1.6 mm wide, 55 mm long	<b>SP2</b>
Titanium bar matrix for SP 1, 55 mm long	<b>SP6</b>
Titanium bar matrix for SP 2, 55 mm long	<b>SP7</b>

HANDGRIPS AND ADAPTER

**HANDGRIP**

**Length** 110 mm  
**REF** 311430

Dismountable, can be cleaned manually.

**HANDGRIP**

**Length** 110 mm  
**REF** 311431

Not dismountable. Cleaning in ultrasonic bath at 45° C, with alkaline cleansing medium.



Drill



Adapter for all contra-angle-instruments, fits handgrip



KOS®  
KOS® B  
KOS® T  
KOS® KDS  
BCS 3.5  
BCS 4.5



KOS® X  
KOS® XB  
KOS® PLUS  
BCS 3.6  
BCS 4.6  
ab > 5.5



KOS MU  
BCS MU

Insertion tools

**BCD 1 ADAPTER**  
**Length** 100 mm  
**REF** 310511

**TWIST DRILL 2.0**  
**Length** 100 mm  
**REF** 310512

**TWIST DRILL 2.5**  
**Length** 100 mm  
**REF** 310513

**ADAPTER RA**  
**Length** 60 mm  
**REF** 310530

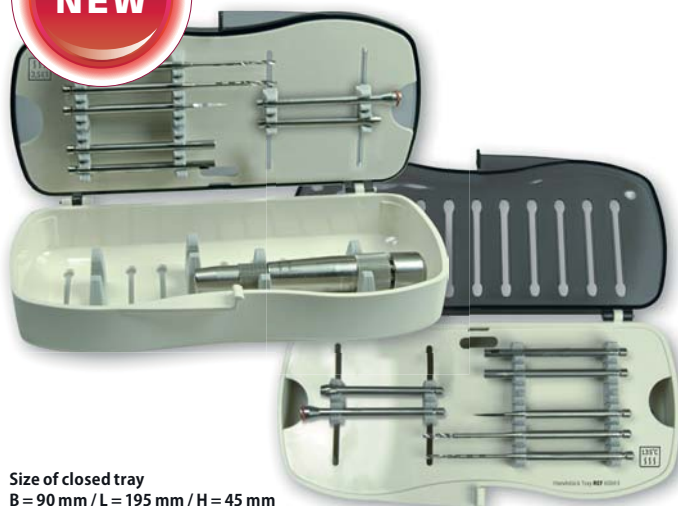
**ADAPTER AHK**  
**Length** 70 mm  
**REF** 462319

**ADAPTER AHB**  
**Length** 70 mm  
**REF** 900037

**ADAPTER IT MU 15**  
**Length** 60 mm  
**REF** 418167



**HANDGRIP - TRAY**



Size of closed tray  
B = 90 mm / L = 195 mm / H = 45 mm

Description	Length	REF
BCD 1 Adapter	100 mm	<b>310511</b>
Twist Drill 2.0	100 mm	<b>310512</b>
Twist Drill 2.5	100 mm	<b>310513</b>
Adapter RA	60 mm	<b>310530</b>
Adapter AHK	70 mm	<b>462319</b>
Adapter AHB	70 mm	<b>900037</b>
Adapter IT MU 15	60 mm	<b>418167</b>
Handgrip	110 mm	<b>311430</b>
Handgrip-Tray (empty)		<b>60043</b>
<b>Handgrip-Tray (with content)</b>		<b>S60043</b>

## METAL - TRAY

Autoclavable up to 134 °C,  
not suitable for dry heat sterilizers



**Size of closed tray**  
**B = 105 mm / L = 230 mm / H = 50 mm**  
**for all autoclaves**

## CONTENT

Description	REF	Description	REF
BCD 1-drill, yellow	900240	ITWH BCS insertion tool for contra-angle (incl. W&H hex)	462323
BCD 2-drill, black	900241	ITW BCS insertion tool for contra-angle	462331
BCD 3-drill, rot	900242	KDS 3.0 15	455214
BCDX 1-drill, yellow	900243	Adapter contra-angle	310530
BCDX 2-drill, black	900244	Universal ratchet adapter	425107
BCDX 3-drill, rot	900245	DX 2	500704
Twist drill 2.0 / 30	90020	RAT 2	425051
Twist drill 2.0 / 21	90022	AHB adapter for BCS 5.5mmd and larger	900037
Twist drill 2.5 / 21	90026	AHK adapter for BCS 3.5 / 4.5 mmd and KOS implants	462319
IT K, insertion tool, long	462320	Metal-Tray (empty)	60015
ITX K, insertion tool, extralong, for RAT2	462321	<b>Metal-Tray (with content)</b>	<b>560015</b>
ITS K, insertion tool, short	462322		
IT 2 BCS	900030		
IT 15 BCS insertion tool, long	462325		

## INSERTION TOOLS

Description	Type	Angulation	Length	for Implant	REF
IT K	long	-----	20 mm	BCS, KOS, KOS B, KDS	462320
ITX K	extralong	-----	45 mm	BCS, KOS, KOS B, KDS	462321
ITS K	short	-----	7 mm	BCS, KOS, KOS B, KDS	462322
IT 15 K	long	15°	20 mm	BCS, KOS A	462325
ITS 15 K	short	15°	7 mm	BCS, KOS A	462328
IT TB K	long	-----	20 mm	BCS, KOS K	462327
IT2 BCS	long	-----	20 mm	BCS, KOS, KOS B, KDS	900030
IT2 S BCS	short	-----	7 mm	BCS, KOS X, KOS Plus	900038
IT2W		-----	23 mm	KOS, BCS	900039
Tool E *	long	-----	20 mm	BCS, KOS B	462377
IT TCA	long	-----	20 mm	BCS, KOS E	425065

\* Emergency tool for KOS and BCS

**STARTER - TRAY**

Autoclavable up to 134 °C, not suitable for dry heat sterilizers  
 This surgical kit contains all drills and tools for first works with the BCS® system.  
 Material: autoclavable plastic



Description	REF
IT K	462320
ITS K	462322
IT2 BCS	900030
IT2 S BCS	900038
BCD 1	900240
Twist Drill 2.0 / 21	90022
Twist Drill 2.0 / 30	90020
Twist Drill 2.5 / 21	90026
IT MU 15	418166
Torque wrench TW2	425402
<b>Starter-Tray (with content)*</b>	<b>560040-K</b>

\* Empty tray upon request

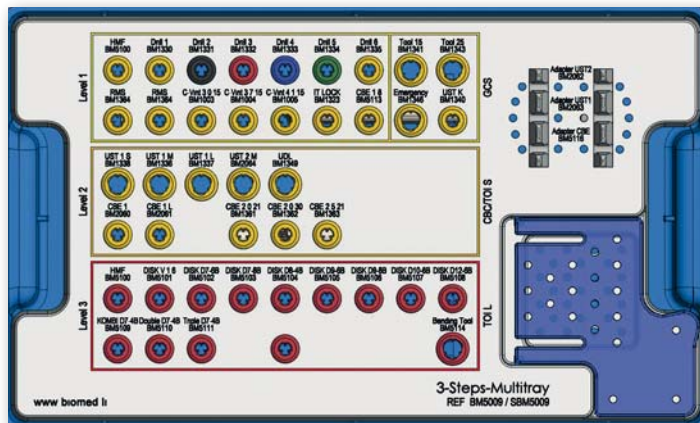
**INSTRUMENTS AND TOOLS**

	Description	Type	Length	REF
	DX 2	Drill extension, extends by 19 mm		500704
	Standardized probe PDG	1-mm scale for radiological measurements	22 mm	425400
	Radiol. measure pin CDG	Fits to DOS 1		420329
	Ratchet RAT2	For insertion tools		425051
	Ratchet RAT3	Angled, for all insertion tools		425052
	Torque wrench TW2 *	10 - 70 Ncm		425402
	UAW***	Universal ratchet adapter for all contra-angle instruments, use with ratchet (RAT2) . Max. 30 Ncm		425107
	Handgrip	For adapters, can be disassembled	110 mm	311430
	Handgrip **	For adapters, self-locking		311431

\* It is recommended to have the torque ratchets recalibrated by us once a year.  
 \*\* for cleanig this instrument an ultrasonic cleaning device and a thermo-desinfector (i.e. Miele TD-series) are required. If these devices are not available in the dental office the handle with REF 311 430 should be purchased instead.  
 \*\*\* Do not use UAW in combination with RAT2 with Heatless® bone drills. The maximum insertion torque for UAW and Heatless® bone drills is 35 Ncm. UAW may therefore be used only with TW2.

Please read our detailed instructions for cleaning and re-sterilisation of surgical instruments on [www.implant.com/de/instructions](http://www.implant.com/de/instructions) (Gebrauchsanweisungen - Implantate - Hygienemerklatt)

MULTITRAY FOR KOS®, BCS® AND BOI® - IMPLANTS



Description	REF
3 Steps Multitray, autoclavable (empty)	<b>BM5009</b>
3 Steps Multitray (incl. instruments for KOS®, BCS® and BOI®)	<b>SBM5009</b>

STEP 1: APPLICATION OF SINGLE PIECE SCREW IMPLANTS KOS®

- Step 1a: Treatment of easy cases and cases with medium difficulty: if enough vertical bone and healed bone areas are available, KOS® implants are inserted vertically.
- Step 1 b: Bendable KOS B-implants are inserted after pre-compression of the bone. If the implants are inserted non-parallel, their heads may be aligned through bending.
- Step 1c: Angulated KOS® A implants are used in those indications:
  - in the area anterior to the mental nerve
  - in the area of the maxillary sinus in order to reduce the length of the bridge span to the most distal implant

STEP 2: APPLICATION OF BICORTICAL (ENOSSAL) SCREW IMPLANTS BCS®

In order to allow safe implant placement into the fresh extraction sockets, the vertical implant part must be thin and polished. The retentive part of the implant (thread) is placed into the cortical bone.

There are various indications for BCS® implants:

- Step 2a: Application of BCS® 3.5 - 4.5 mmd in fresh extraction sockets
- Step 2b: Application of angulated BCS® 3.5 mmd implants
- Step 2c: Application of BCS 5.5 - 12 mmd in fresh extraction cases in the distal maxilla and below the maxillary sinus. Wide BCS® implants reach lateral and basal bone areas. Since BCS implant feature a thread only at the apex of the implant, the direction of insertion may be changed while the implant is screwed in. This widens the field of application.

STEP 3: APPLICATION OF LATERAL ENOSSAL IMPLANTS BOI®

For implantologists who wish to treat even in difficult cases all patients independently, without bone augmentation and in immediate load protocols, lateral implants are a good treatment option. In order to use BOI® adequately good training, profound knowledge of the anatomy and 3-dimensional understanding of the treatment situation are necessary. Good knowledge of surgical skills are required. Treatment in immediate load protocols are not only an option for BOI® implants, immediate loading is a must. BOI® and BCS® are considered to be orthopaedic implants, even though they are used in dentistry. BOI® is a system for dentists and surgeons, who want to offer the full range of today's treatment possibilities to their patients. Both systems require a valid authorization of the treatment provider.

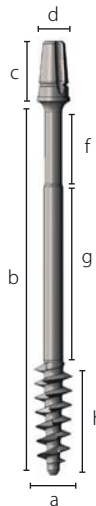


## ZSI: ZYGOMA SCREW IMPLANTS

ZSI-Implants are placed trans-sinually or below/inside the crista zygomatico-alveolaris, and in the alveolar crest of the maxilla. For cortical anchorage in the zygomatic bone. Depending on the anatomic situation the smooth parts of the implants are positioned below the Schneiderian membrane or below the oral mucosa.

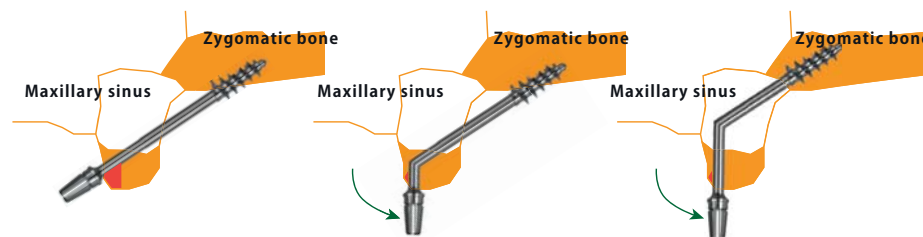
These implants are to be used only by trained surgeons. ZSI-Implants provide a bending area below the cementing abutment. Therefore they can be aligned with other abutments in the center of the crest after the implant has been placed. An additional vertical osteotomy may be necessary (see the drawing). This implant can be used in combination with tubero-ptyergoid screw implants (BCS). The treatment protocol requires immediate splinting.

Material: Titanium alloy, Ti6Al4V ELI.



- a) max. diameter of thread: 4.6 mm
- b) enossal length: 35 - 55 mm
- c) abutment height: 7 mm
- d) max. abutment diameter: 3.9 mm
- f) diameter of shaft: 2.0 mm
- g) upper diameter of shaft: 2.2 mm
- h) length of thread: 10 mm

Description	Enossal Ø	Length	REF
Allfit ZSI 4.6 35	4.6	35	<b>900100</b>
Allfit ZSI 4.6 37.5	4.6	37.5	<b>900101</b>
Allfit ZSI 4.6 40	4.6	40	<b>900102</b>
Allfit ZSI 4.6 42.5	4.6	42.5	<b>900103</b>
Allfit ZSI 4.6 45	4.6	45	<b>900104</b>
Allfit ZSI 4.6 47.5	4.6	47.5	<b>900105</b>
Allfit ZSI 4.6 50	4.6	50	<b>900106</b>
Allfit ZSI 4.6 52.5	4.6	52.5	<b>900107</b>
Allfit ZSI 4.6 55	4.6	55	<b>900108</b>



ZSI-Implants may be used in a trans-sinusal or sub-mucosal manner. The abutment head is aligned with the tooth arch through bending.

## TWIST DRILL-DRILL



Description	REF
Twist Drill 2.2 / 50 for Zygoma implants, SS	<b>90021</b>
Twist Drill 2.2 / 55 for Zygoma implants, SS	<b>90023</b>
Twist Drill 2.2 for handgrip for Zygoma implants, L = 100 mm	<b>310514</b>

## IMPRESSION- AND LAB ACCESSORIES FOR ZSI

			
<b>Code REF</b> TSPA 5 (Plastic) 462030	IA4/IAU (Metal) 462112	IA4/IAU (Plastic) 462111	POB 462086
Impression post internally round	Double analogue	Double analogue	Castable abutment
Pack of 5		Pack of 5	Pack of 5

# LATERAL IMPLANTS



## The demand for basal implants rapidly increases

For patients who are forced to pay for their treatment out of their own pocket, basal implants may well be the only route to implant treatment, thanks to the low-cost and efficient implant procedure. **BOI**<sup>®</sup> implants make bone augmentation measures completely unnecessary. **BOI**<sup>®</sup> implants facilitate immediate loading as standard therapy. Basal implants can be used to advantage after conventional implants have failed (see „Replacing Replace“, DVD, **REF6669**).

The drilling sequences for this system can be found in our system application.

Mandatory, respectively recommended fastening torques for implants, abutments and fastening screws can be found on [www.implant.com/de/instructions](http://www.implant.com/de/instructions)

You could not find a specific implant system or a certain product in this catalog?  
Please have a look at [www.shop-implant.com](http://www.shop-implant.com)

## BOI®-IMPLANTS

One-piece implants with longitudinal oval threaded pin (1.95 mm x 2.1 / 2.3 mm Ø); height of the implant head, 7.2 mm; width of the implant head, 3.9 mm; sandblasted head.

## BOI® BS



Description	SH1	REF
BS 7 H8	0.7 - 0.9	<b>461621</b>
BS 7 H12	0.7 - 0.9	<b>461622</b>
BS 9 H6	0.7 - 0.9	<b>461623</b>
BS 10 H4	0.7 - 0.9	<b>461624</b>
BS 10 H6	0.7 - 0.9	<b>461625</b>
BS 10 H10	0.7 - 0.9	<b>461626</b>
BS 12 H6	0.7 - 0.9	<b>461627</b>
BS 12 H8	0.7 - 0.9	<b>461628</b>
BS 12 H10	0.7 - 0.9	<b>461629</b>
BS 12 H12	0.7 - 0.9	<b>461630</b>

- Cube-shaped disks (anti-rotational)

## BOI® BAST (REPLACES BAS)



Description	SH	GD	REF
BAST 10/16 H4 0.7 - 0.9		9.5	<b>461647</b>
BAST 10/12 H6 0.7 - 0.9		9.5	<b>461642</b>
BAST 10/16 H6 0.7 - 0.9		9.5	<b>461643</b>
BAST 10/14 H8 0.7 - 0.9		9.5	<b>461646</b>
BAST 10/16 H8 0.7 - 0.9		9.5	<b>461644</b>

- GD = Maximum diameter on round side
- With cogs on the flat side
- May be rotated after placement

## BOI® BBS



Description	SH1	SH2	F	SA	REF
BBS 7 H6 0.7 - 0.9	0.7	4.4	3	<b>461655</b>	
BBS 9/7 H6 0.7 - 0.9	0.7	4.4	3	<b>461656</b>	
BBS 9/7 H10 0.7 - 0.9	0.7	4.4	3	<b>461657</b>	
BBS 9/7 H8 0.7 - 0.9	0.7	4.4	3	<b>461658</b>	
BBS 10 H4 0.7 - 0.9	0.7	4.4	3	<b>461659</b>	

## BOI® BBBS



Description	SH1 - SH3	F	SA	REF
BBBS 7 H4 0.6	7.8	3	<b>461652</b>	
BBBS 7 H6 0.6	7.8	3	<b>461653</b>	
BBBS 7 H8 0.6	7.8	3	<b>461654</b>	

## BOI® XBBS



Description	SH1	SH2	F	SA	REF
XBBS 12/ 9 H6	0.7 - 0.9	0.7	6.4	5	<b>461674</b>
XBBS 14/10 H8	0.7 - 0.9	0.7	6.4	5	<b>461676</b>

- For the upper canine region

## BOI® BAC



Description	SH1	REF
BOI BAC 9/33 H4	0.6	<b>461662</b>
BOI BAC 9/33 H6	0.6	<b>461660</b>

- In severely atrophied areas
- As a subperiosteal implant
- Use in combination with fibrin membranes (PRF)
- Retaining screws: SSF 2.4 or SSF 2.7

## BOI® BAC2



Description	SH1	REF
BOI BAC2 9/43 H4	0.6	<b>461666</b>
BOI BAC2 9/43 H6	0.6	<b>461667</b>
BOI BAC2 9/43 H8	0.6	<b>461668</b>

## BENDING AID FOR BOI® IMPLANTS



Description	REF
<b>BHB</b> Flexing aid for BOI® implants, use with RAT2	<b>462700</b>

## BREAK-OFF BONE SCREWS FOR SECURING BASAL IMPLANTS



Description	REF
SSFW 6 Break-off bone screw, short (6 mm), purple, pack of 5	<b>401570</b>
SSFW 9 Break-off bone screw, long (9 mm), blue, pack of 5	<b>401572</b>

**Note:** After securing the screw, the angled handpiece connector part is broken off through careful lateral movements. Thread diameter: 1.1 mm

## IMPRESSION- AND LAB ACCESSORIES FOR BOI® ≥ 5.5 mm Ø



Code  
REF

**TSPA 5 (Plastic)**  
**462030**

Impression post  
internally round  
Pack of 5



**IA B (Plastic)**  
**462106**

Analogue  
**scanable**  
Pack of 5



**POB**  
**462086**

Castable abutment  
Pack of 5

**ONE-PIECE BASAL IMPLANTS WITH TSD4-HEAD**

- High primary stability is achieved through turning of the the vertical implant part.

**DISKOS® 4DS**



Description			REF
4DS	12	H4	<b>461112</b>
4DS	12	H6	<b>461113</b>
4DS	12	H8	<b>461114</b>
4DS	10	H6	<b>461121</b>
4DS	10	H8	<b>461122</b>
4DS	9	H4	<b>461115</b>
4DS	9	H6	<b>461116</b>
4DS	9	H8	<b>461117</b>

**DISKOS® 4DDS**



Description			SH1	SH2	F	REF
4DDS	7	H7	0.6	0.6	4.2	<b>461118</b>

**DISKOS® 4DDDS**



Description			SH1	SH2, SH3	F	REF
4DDDS	7	H4	0.7-0.9	0.7	8.0	<b>461119</b>
4DDDS	7	H6	0.7-0.9	0.7	8.0	<b>461120</b>

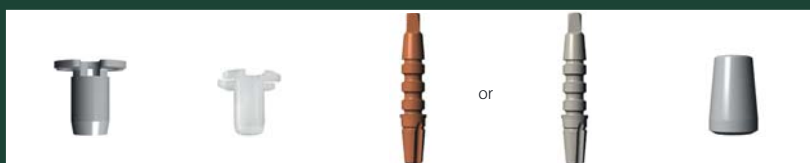
**DISKOS® T4**



Description			SH1-SH3	F	SA	REF
4T	5/7	H2	0.6	7.8	3	<b>461899</b>
4T	5/7	H3	0.6	7.8	3	<b>461900</b>
4T	5/7	H4	0.6	7.8	3	<b>461901</b>



- For immediate loading, including with SSF, use bone screws or SSFW drive screws.  
Cutters: **ICT5, ICT5-N**
- For single-tooth replacement in the incisal and premolar areas
- For longitudinal or oblique insertion
- Use impression- and lab-parts from the KOS-System (small head)

**IMPRESSION AND LABORATORY ACCESSORIES FOR DISKOS®, 4D, 4T**






Code REF	TSPA 4 462029	TSKPA 4 462028	IA4/IAU 462111	IA4/IAU 462112	PO4 462088
	internally round castable	edged inside castable	Double analogue (Plastic)	Double analogue (Metal)	internally round
	5 pieces/pack	5 pieces/pack	5 pieces/pack		5 pieces/pack

## INSTRUMENTS AND TOOLS (STAINLESS STEEL)

	Description	Code	REF
	Titanium spatula, 17 cm, individually bendable and grindable, Grade 1 titanium	TIS	425407
	Bone and insertion chisel, 13 cm long, custom-grindable	KNO	462330
	Screwdriver tip for contra-angle and adapter 36 mm long	ITW SSF	314448
	Adapter for all angled handpiece instruments, matches handgrip		310530
	Handgrip, 110 mm long (snap-on connection)		311431
	Screwdriver tip, 100 mm long, for direct insertion into the handgrip		314447
	Drill for SSF-bone screws, 1.4 mmd	SDW SSF	310520
	Hex-instrument, 45 mm, Ø 1.25 mm. Tool: HAS	HT 1.25 EO	462371
	Hex-instrument extralong, 45 mm, Ø 1.25 mm. Tool: HAS	HT X1.25 EO	462372
	Hex-tool for HT 1.25 EO and HTX 1.25 EO	HAS	463108
	Ratchet, angled for all Hex-instruments and insertion tools	RAT 3	425052
	Ratchet adapter	IT ITV	500854
	DT 1.25 EO	DT 1.25 EO	462373

## SSF BONE SCREWS

	Description	Pieces / pack		ø	L	REF
	SSF 1.5 6	5	metallic silver	1.5	6	401500
	SSF 1.5 8	5		1.5	8	401502
	SSF 2.4 6	5	anodized yellow	2.4	6	401506
	SSF 2.4 8	5		2.4	8	401508
	SSF 2.4 10	5		2.4	10	401510
	SSF 2.4 12	5		2.4	12	401512
	SSF 2.4 14	5		2.4	14	401514
	SSF 2.7 8	5	anodized blue	2.7	8	401558
	SSF 2.7 10	5		2.7	10	401560
	SSF 2.7 12	5		2.7	12	401562
	SSF 2.7 14	5		2.7	14	401564

## TOI®-IMPLANTS WITH ONE BASE-PLATE

Lateral implant for dental and maxillofacial applications.

**Compatibility:** Smart2® ATIE® (external standard hex)

### Indications:

Endosseal anchorage of maxillo-facial epitheses in the regions of the frontal bone, maxillary bone, lateral and upper regions of the nose and the ear; to be used also as tooth and jaw implants.

For rehabilitation following radiation therapy or in cases with a reduced bone supply.

TOI® implants may be used also as jaw implant and in bi-cortical anchorage.



a) Enossal Ø: 2.3 mm  
 b) Diameter: 2.7 mm  
 c) Head Ø: 3.7 mm  
 GD: Max. Ø on round side

Description	SH1	SH2	SA	GD	REF
TOI IE 5/7	H6	0.6		5x7 mm	<b>461370</b>
TOI IE 9	H8	0.7 - 0.9		9.5 mm	<b>461359</b>
TOI IE 9	H6	0.7 - 0.9		9 mm	<b>461364</b>
TOI IE 9/12	H2	0.7 - 0.9		9.5	<b>461350</b>
TOI IE 9/12	H4	0.7 - 0.9		9.5	<b>461351</b>
TOI IE 9/14	H8	0.7 - 0.9		9.5	<b>461352</b>
TOI IE 9/14	H10	0.7 - 0.9		9.5	<b>461353</b>
TOI IE 9/16	H8	0.7 - 0.9		9.5	<b>461360</b>
TOI IE 10/20	H2	0.7 - 0.9		10	<b>461354</b>
TOI IE 10/20	H4	0.7 - 0.9		10	<b>461355</b>

## TOI®-IMPLANTS WITH TWO BASE-PLATE




Description	SH1	SH2	SA	GD	REF
TOI IED 10	H4	0.6	0.6	3	10 mm <b>461358</b>
TOI IED 5/7	H4	0.6	0.6	3	5x7 mm <b>461362</b>
TOI IED 5/7	H6	0.6	0.6	3	5x7 mm <b>461363</b>

## TOI®-IMPLANTS WITH THREE BASE-PLATE



Description	SH1 - SH3	SA	GD	REF
TOI IET 5/7	H2	0.6	3	5x7 mm <b>461356</b>
TOI IET 5/7	H4	0.6	3	5x7 mm <b>461357</b>
TOI IET 5/7	H6	0.6	3	5x7 mm <b>461361</b>

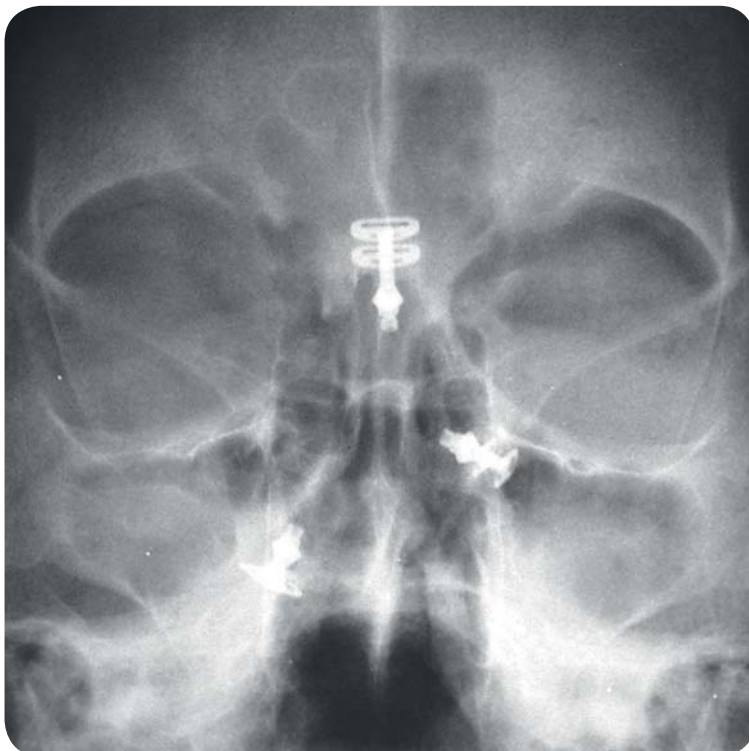
## Accessories for TOI® and Smart®

				
<b>Code</b>	<b>HLT EO</b>	<b>HLTX EO</b>	<b>SFL EO</b>	<b>IA EO</b>
<b>REF</b>	<b>461365</b>	<b>461366</b>	<b>462361</b>	<b>461373</b>
	Transfer post with screw SF EO	Transfer post with screw SF EO	Screw for HLT EO and HLTX EO for pickup-impressions	Implant analogue with Hex

## Lab accessories

						
<b>Code</b>	<b>PAA EO</b>	<b>HSE EO 3</b>	<b>HSE EO 5</b>	<b>HSE EO 7</b>	<b>HT 1.25 EO</b>	<b>HTX 1.25 EO</b>
<b>REF</b>	<b>462360</b>	<b>461367</b>	<b>461368</b>	<b>461369</b>	<b>462371</b>	<b>462372</b>
	Castable abutment, edged inside	Surgical screw, incl. SF EO	for 3 mm transmucosal height, incl. SF EO	for 5 mm transmucosal height, incl. SF EO	Hex-instrument Tool: HAS	Hex-instrument extralong Tool: HAS

Gingivaformer



Radiograph after placement of three basal implant in the midface. The implants will be splitted through a bar which then holds the epithesis to replace the nose.

The implants utilize the width of the bone.

The treatment will be finished in a delayed load protocol, because the swelling of the soft tissues must cease first.

### Literature:

Konstantinovic VS, Lazic V, Ihde S.  
Disk implants retained nasal epithesis. Case report and literature review.  
J Craniofac Surg 2010;21: (1) 33-36



## CUTTER FOR BOI®, TOI® AND DISKOS® - IMPLANTS

### VERTICAL CUTTER (VC)



Description	L	DV **	REF
VC 1.9 *	32	1.9	<b>462214</b>
VC 1.6 *	32	1.6	<b>462215</b>
VC 1.9-W ***		1.9	<b>462214-W</b>

\* FG for turbine or red contra-angle  
 \*\* DV = Diameter Vertikalcutter  
 \*\*\* for contra-angle

### COMBINATION CUTTER SIMULTANEOUS CUTTING ON VERTICAL AND HORIZONTAL PART



KCD combi double cutter contra-angle

Description	L	SH	SA	D	REF
KC 7-4W	32	0.4		7	<b>462221-4W</b>
KC 8-4W	32	0.4		8	<b>462222-4W</b>
KCD 7-4W	32	0.4	3	7	<b>462237-4W</b>
KCXD 9-6W	32	0.6	5	9	<b>462245-6W</b>

### LATERAL CUTTER CUTS ONLY AT THE DISC



LC 7 Lateral Cutter contra-angle



LCD 7 Lateral Double Cutter contra-angle



LCT Lateral Tripple Cutter contra-angle

Description	L	SH	SA	D	REF
LC 7-4W	32	0.4		7	<b>462259-4W</b>
LC 7-6W	32	0.6		7	<b>462259-6W</b>
LC 7-8W	32	0.8		7	<b>462259-8W</b>
LC 8-4W	32	0.4		8	<b>462260-4W</b>
LC 9-4W	32	0.4		9	<b>462261-4W</b>
LC 9-6W	32	0.6		9	<b>462261-6W</b>
LC 9-8W	32	0.8		9	<b>462261-8W</b>
LC 10-4W	32	0.4		10	<b>462262-4W</b>
LC 10-6W	32	0.6		10	<b>462262-6W</b>
LC 10-8W	32	0.8		10	<b>462262-8W</b>
LC 12-4W	32	0.4		12	<b>462264-4W</b>
LC 12-6W	32	0.6		12	<b>462264-6W</b>
LC 15-4W	32	0.4		15	<b>462266-4W</b>
LCD 7-4W	32	0.4	3	7	<b>462252-4W</b>
LCT 7-4W	32	0.4	3		<b>462255-4W</b>

### CUTTER FOR DISKOS®4T AND TOI®IET - IMPLANTS



ICD Cutter



ICT Cutter

Description	L	SH	SA	D	REF
ICD5-N	26.7	0.6	3	5	<b>462437-W</b>
ICT5-N	30.3	0.6	3	5	<b>462415-W</b>

L = Length in mm; SH = disk height; SA = disk spacing; D = disk diameter

## BOI® LIGHT - TRAY

Autoclavable up to 134 °C, not suitable for dry heat sterilizers



Size of closed tray  
B = 105 mm / L = 230 mm / H = 55 mm  
for all autoclaves

## CONTENT FOR THE BOI® LIGHT - TRAY

Description	REF	Description	REF	Description	REF
BHB	462700	LC 9-4W	462261-4W	BCD 1	900240
IT K	462320	LC 9-6W	462261-6W	Ratchet RAT2	425051
ITS K	462322	LC 9-8W	462261-8W	AHB	900037
ITX K	462321	LC 10-4W	462262-4W	AHK	462319
SDW SSF	310520	LC 10-6W	462262-6W	TIS Titanium spatula	425407
ITW SSF	314448	LC 12-6W	462264-6W	Handgrip	311430
DX 2	500704	KC 7-4W	462221-4W	KNO bone chisel	462330
ITW K	462331	LCD 7-4W	462252-4W	Contra-angle adapter	310530
IT2 BCS	900030	LCT 7-4W	462255-4W		
HMF	411581	KDS 3.0	KDS 3.0	BOI® Light-Tray (empty)	60011
VC	462215	Twist Drill 2.0 / 21	90022		
LC 7-6W	462259-6W	Twist Drill 2.0 / 30	90020	<b>BOI® Light-Tray (with content)</b>	<b>S60011</b>
LC 7-8W	462259-8W	Twist Drill 2.5 / 21	90026		

## STARTER - TRAY

Autoclavable up to 134 °C, not suitable for dry heat sterilizers  
This surgical kit contains all drills and tools for first works with the BOI® system.  
Material: autoclavable plastic



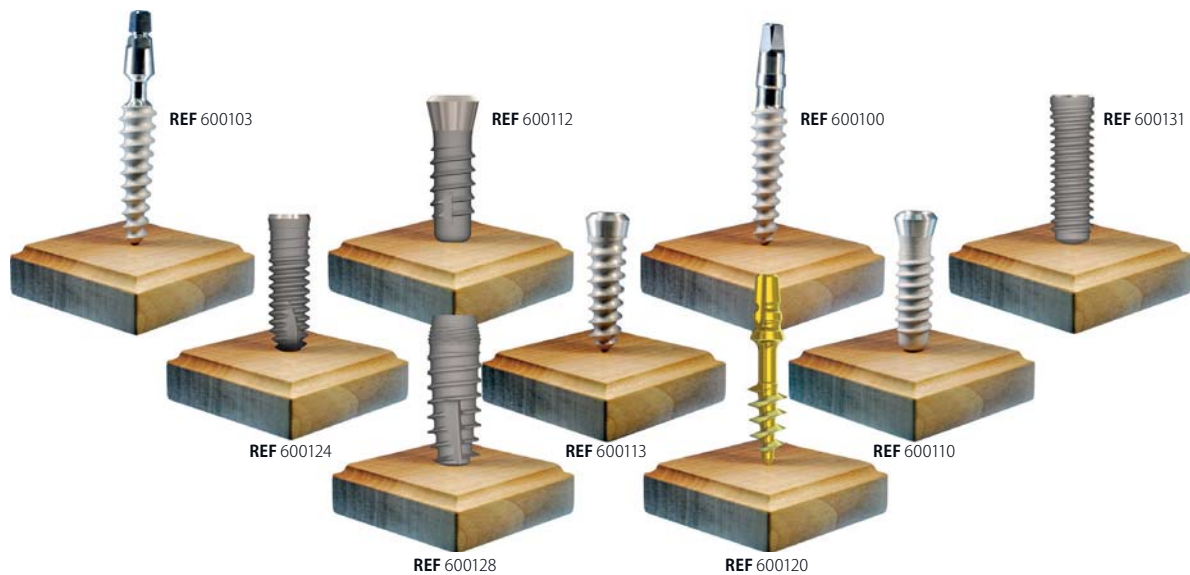
Description	REF
VC	462215
KC 7-4W	462221-4W
LCD 7-4W	462252-4W
LCT 7-4W	462255-W
ICT5-N	462415-W
LC 9-6W	462261-6W
LC 10-4W	462262-4W
LC 12-4W	462264-4W
BHB	462700
Torque wrench TW2	425402
<b>Starter-Tray (with content)*</b>	<b>S60046-K</b>

\* Empty tray upon request

# ACCESSORIES

## IMPLANT DEMO MODELS FOR PATIENT INFORMATION

These models are helpful in demonstrating the properties of dental implants to patients. They are made of aluminium (5 : 1 enlarged). The implants are mounted on an attractive wooden base with a protective felt bottom.



Description	Scale	REF
Implant demo model SSO® 4.1 13	5:1	<b>600110</b>
Implant demo model SSO 3.3 13	5:1	<b>600111</b>
Implant demo model SSO® 4.1 11	5:1	<b>600112</b>
Implant demo model STO® 4.1 13	5:1	<b>600113</b>
Implant demo model STW® 4.8 11	5:1	<b>600116</b>
Implant demo model BCS 4.5 14	5:1	<b>600120</b>
Implant demo model KOS E 3.7 12	5:1	<b>600126</b>
Implant demo model Bone Level Plus 4.1 13	5:1	<b>600131</b>
Implant demo model KOS® 4.1 15	5:1	<b>600100</b>
Implant demo model KOS®A 4.1 15-15	5:1	<b>600101</b>
Implant demo model KOS®A 4.1 15-25	5:1	<b>600102</b>
Implant demo model KOS®B 4.1 15	5:1	<b>600103</b>
Implant demo model KOS®K 4.1 15	5:1	<b>600104</b>
Implant demo model KDS	5:1	<b>600105</b>
Implant demo model Hexacone® HC 4.5 13	5:1	<b>600128</b>
Implant demo model Xigñ® 3.4 13	5:1	<b>600123</b>
Implant demo model Xigñ® 3.8 13	5:1	<b>600124</b>
Implant demo model Xigñ® 3.4 13	5:1	<b>600125</b>
Solid abutment OSA STO	5:1	<b>600200</b>
Solid abutment TLA STO	5:1	<b>600201</b>
Solid abutment TCA STI	5:1	<b>600202</b>
Solid abutment TLA STI	5:1	<b>600207</b>
Solid abutment TLA BLP	5:1	<b>600209</b>
Solid abutment TLA 15 STO	5:1	<b>600203</b>
Instrument HT 1.25	5:1	<b>600204</b>
Demo model of centering ball for KOS® (TKK3)	5:1	<b>600208</b>
Torx-tool TT 1.25	5:1	<b>600205</b>

**OSTEOTOMES**

**For gentle preparation of implant beds and for bone-spreading procedures**

Instead of drilling, these osteotomes displace and compress the bone. This leads to an improvement of primary stability. Manufactured from surgical steel.

Instrument diameters: 2 mm, 2.5 mm, 3.2 mm, 3.7-mm and 4.3-mm  
 Depth markings: 8 mm, 10 mm, 13 mm, 16 mm



**Osteotome for Bone Spreading**

Description	Type	Tip Ø	REF
Osteotom Size 1	straight	2 mm	<b>IO 2.0</b>
Osteotom Size 2	straight	2.5 mm	<b>IO 2.5</b>
Osteotom Size 3	straight	3.2 mm	<b>IO 3.2</b>
Osteotom Size 4	straight	3.7 mm	<b>IO 3.7</b>
Osteotom Size 5	straight	4.3 mm	<b>IO 4.3</b>

Description	REF
Complete set / 5 instruments	<b>IO</b>

**STRAIGHT INSTRUMENTS**

Specially designed for uncomplicated minor sinus lift procedures in every dental office. The upper, working end of the osteotome punches a hole in the sinus floor, facilitating careful lifting of the sinus membrane and subsequent introduction of bone or bone replacement material. Made of surgical steel. With adjustable stop guide.

Instrument diameters: 2 mm, 2.5 mm, 3.2 mm and 3.7 mm  
 Depth markings: 8 mm, 10 mm, 13 mm, 16 mm.



**Osteotomes for minor sinus lift procedures**

Description	Type	Tip Ø	REF
Osteotom Size 1	straight	2 mm	<b>KO 2.0</b>
Osteotom Size 2	straight	2.5 mm	<b>KO 2.5</b>
Osteotom Size 3	straight	3.2 mm	<b>KO 3.2</b>
Osteotom Size 4	straight	3.7 mm	<b>KO 3.7</b>

Description	REF
Complete set / 4 instruments	<b>KO</b>



for schräge Sinusbodenbereiche

Description	Type	Tip Ø	REF
Osteotom	beveled	3 mm	<b>KO 3S</b>

**ANGLED INSTRUMENTS**



**Osteotomes for minor sinus lift procedures**

Description	Type	Tip Ø	REF
Osteotom Size 1	beveled	2 mm	<b>KO 2.0 W</b>
Osteotom Size 2	beveled	2.5 mm	<b>KO 2.5 W</b>
Osteotom Size 3	beveled	3.2 mm	<b>KO 3.2 W</b>
Osteotom Size 4	beveled	3.7 mm	<b>KO 3.7 W</b>
Osteotom Size 5	beveled	4.0 mm	<b>KO 4.0 W</b>

Description	Type	Tip Ø	REF
Complete set	beveled	3 mm	<b>KOW</b>

## PERITOMES



Often the question of immediate implantation is decided by the possibility of removing the roots gently and atraumatically. This set of instruments offers the best conditions for this.

The four available tool head configurations can cope with all anatomical situations. The peritomes are of different colours and can therefore be easily found at the operating site

Gold / blue: for buccal / palatal / lingual applications.  
Black and green: for mesial and distal applications.



Description	Color	REF
Set with 4 Instruments		<b>PT 400</b>
angled	black	<b>PT 302</b>
straight	blue	<b>PT 301</b>
straight	gold	<b>PT 303</b>
angled	green	<b>PT 350</b>



**SURGICAL TIP**

Single-packed, sterile surgical suction tips. For single use only. The surgical tips are supplied including a universal suction-hose adapter (for 11mmd and 16 mmd hoses). This adapter is re-usable and may be autoclaved at 135° C.

**NEW - Pressure regulation**

By pulling out the red bent tip a small hole can be opened. This reduces the strength of the suction activity. The hole may be closed and opened easily with one finger to adjust the strength of the suction in different phases of the operation.

Description	REF
20 pieces / pack	<b>300310</b>



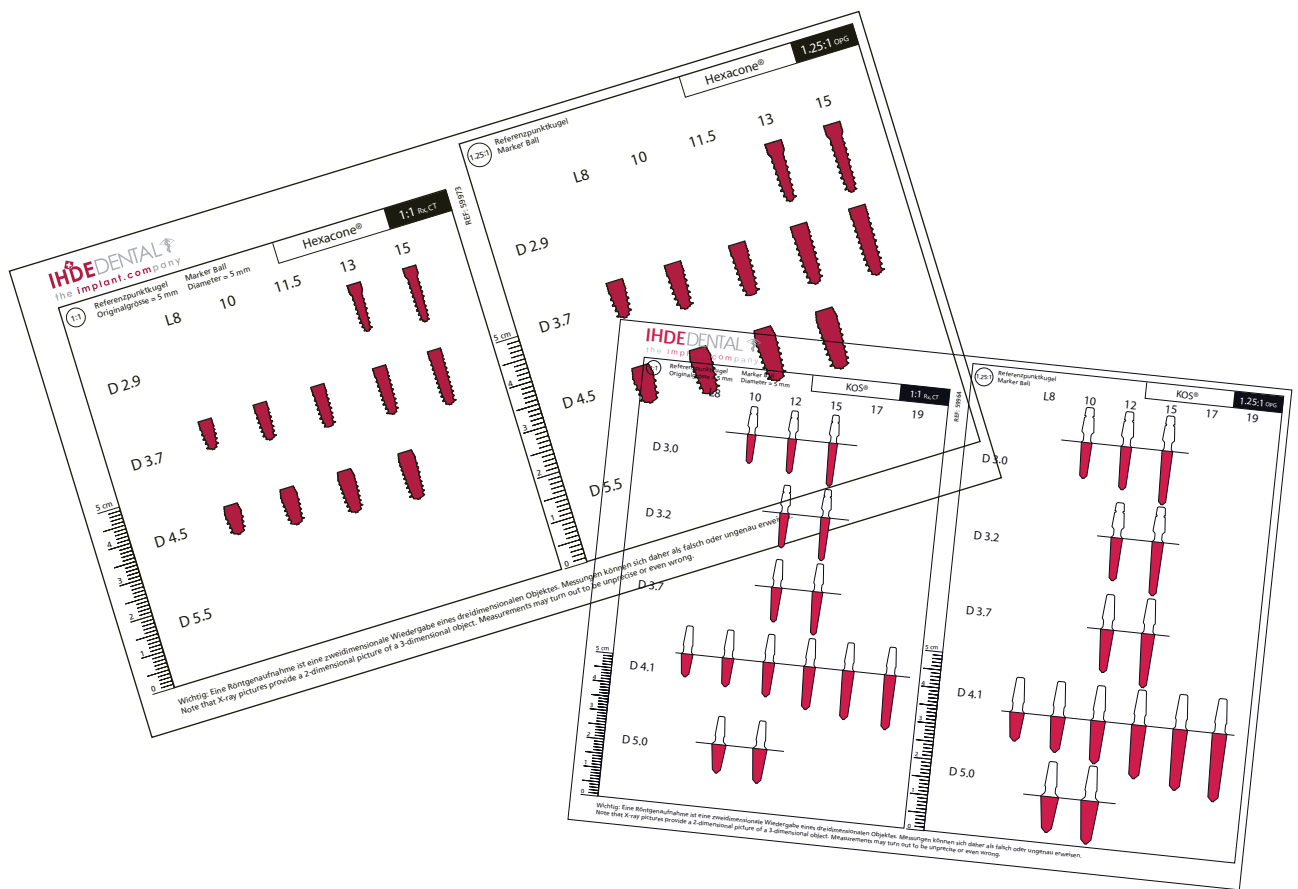
**SINGLE USE SURGICAL KIT**



2 gowns (blue), sizes M and L, in sterile packaging,  
1 patient cover 100 x 180 cm

Description	REF
Set	<b>1002</b>
as of 4 sets	

## RADIOGRAPHIC STENT FOR IMPLANTS



Description	REF
Radiographic stent KOS® LOC Mini / KOS® D	59979
Radiographic stent KOS® Plus	59976
Radiographic stent KOS® MU / BCS® MU	59978
Radiographic stent KOS® / KOS® LOC / KOS® B / KOS® X / KOS® XB	59964
Radiographic stent KOS®A	59965
Radiographic stent KOS®E / BE	59972
Radiographic stent KOS®K	59966
Radiographic stent BCS® 3.5 - 4.5 / 3.6 - 4.6	59962
Radiographic stent BCS® 5.5 - 12	59975
Radiographic stent BOI®	59963
Radiographic stent Hexacone®	59973
Radiographic stent Bone Level Plus®	59974
Radiographic stent Place®	59977
Radiographic stent Xign®	59971
Radiographic stent SSO	59969
Radiographic stent STO®	59968
Radiographic stent STW®	59970

**Do not hesitate to request the radiographic stents you require, free of charge.**



**NANOS®**

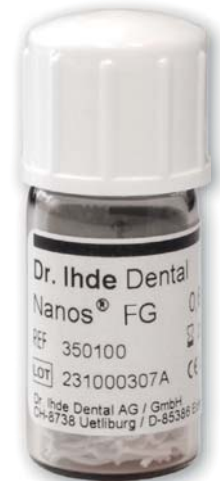
Synthetic bone regeneration material based on nanocrystalline calcium phosphate (HA and beta-TCP) in a silicon dioxide matrix. The material presents an interconnecting nano scale pore system. Its internal surface area is approximately 90 m<sup>2</sup>/g. Nanos® is completely resorbed as part of the normal bone remodeling process. By contrast with materials of bovine origin, there is no infection risk.

Supplied in sterile vials in a blister pack.  
Nanos can be used with all Allfit® implant systems.

Indications:

Filling bone defects and reconstructing bone structures in the oral and maxillofacial region, such as

- Multiple-wall socket defects
- Defects following tooth extractions
- Sinus floor augmentation in connection with implant procedure
- Defects following apical resections
- Defects following cystectomies
- Defects following osteotomies



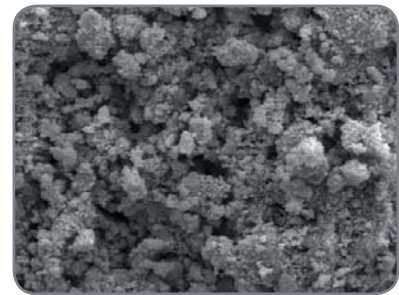
**PRESENTATION**



**Nanos® RG:** Coarse particles, 0,6 x 4 mm



**Nanos® FG:** Fine particles, 0,6 x 0,3 mm (powder-like)



**Nanos® FG:** Perfect nanostructure and microstructure



**Application example:**

Nanos® RG has been mixed with autologous blood, achieving an easily shaped, lasting consistency. The blood fills the micropores, building the foundation for subsequent woven-bone formation.

Description	Particle size	Package size	REF
Nanos® FG	0,6 x 0,3 mm	0,25 g (ca. 0,5 cm <sup>3</sup> )	<b>350100</b>
Nanos® RG	0,6 x 4 mm	0,25 g (ca. 0,5 cm <sup>3</sup> )	<b>350105</b>
Nanos® RG	0,6 x 4 mm	0,5 g (ca. 1 cm <sup>3</sup> )	<b>350110</b>
Nanos® RG	0,6 x 4 mm	1,0 g (ca. 2 cm <sup>3</sup> )	<b>350115</b>

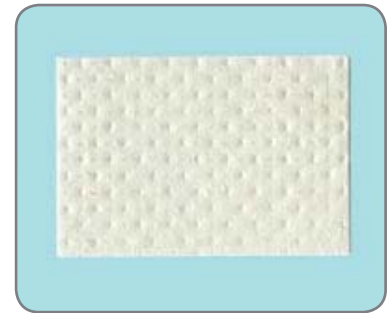
## HYPRO-SORB® F

### Advantages of the two-layered collagen membrane

- Tear-resistant fiber structure for optimal preparation (cutting and fixation required)
- Fully adapts to the defect
- Highly pure, Type 1 bovine collagen fiber
- Smooth side that functions as a barrier to the soft tissue
- Rough, porous side that promotes integration of the bone tissue
- Fully resorbable (resorption time approx. 6 months)
- Promotes healing of the soft tissue



smooth side



rough side

### Indications

Hypro-Sorb® F wird in der Kieferchirurgie und Implantologie zur Behandlung von Knochendefekten eingesetzt:

- Cystectomy
- Segmental growth of the alveolar process
- Sinus floor elevation
- Apicoectomy
- Filling the alveoli following extraction in preprosthetic surgical practice
- Peri-implant defects
- Plastic surgery of the oroantral system

The two-layered collagen membrane is supplied sterile. It is available in the following sizes:

Article	Size	Description	REF
Hypro-Sorb® F	15 x 20 mm	Two-layered membrane for GTR / GBR	<b>58040</b>
Hypro-Sorb® F	20 x 30 mm	Two-layered membrane for GTR / GBR	<b>58041</b>
Hypro-Sorb® F	30 x 40 mm	Two-layered membrane for GTR / GBR	<b>58042</b>

## IMPLANT PASS

Clearly laid out document for personal data, operation date and placed implants as well as checkups.

Etikett Datum   Regio	Etikett Datum   Regio	Etikett Datum   Regio	<b>IHDE DENTAL</b> IMPLANTAT-PASS Vorname   Name Strassen-Nr. PLZ/Dorf Gebietskürzel © IHDE Dental AG D-82031 Garmisch-Partenkirchen Tel: 089 292 29 20 contact@ihde-dental.com www.ihde-dental.com
Etikett Datum   Regio	Etikett Datum   Regio	Etikett Datum   Regio	
Etikett Datum   Regio	Etikett Datum   Regio	Etikett Datum   Regio	

Description	REF
German / Set (10 pieces/pack)	<b>11-0003-11_DE</b>
English / Set (10 pieces/pack)	<b>11-0003-11_EN</b>
Russian / Set (10 pieces/pack)	<b>11-0003-11_RU</b>

**CENTRIFUGE EBA20 AND ACCESSORIES**

**For the manufacture of autologous fibrin membranes\***



Membranes (PRF membranes) manufactured using the patient's blood and fibrin coagel are used for covering augmentation regions and in the maxillary sinus.

Autogenous membranes fabricated in the practice are used as scaffolding for rapid formation of woven bone.

Thrombocytes are enriched in and with the membrane and so that they are available for wound healing in an easily applied form.

The procedure avoids biological risks and costs of foreign body membranes.

The membranes are fully resorbed.

**\*References**

Dohan MD et al Platelet-rich Fibrin:  
A second generation platelet concentrate  
Oral Surg, Oral Med, Oral Pathol, Oral Radiol Endod (2006); 101: E37-44

Description	REF
Centrifuge EBA 20	<b>EBA 20</b>

**RECOMMENDED ACCESSORIES**



Terumo blood collection set 21 Gx 3/4  
10 pieces/unit

**REF MN-SV2102**



Vacutainer Precision Glide  
(Becton Dickinson)  
100 pieces/unit

**REF 360213**



Vacutainer single-use holder,  
white for tubes 13 and 16 mm  
10 pieces/unit

**REF 03.920.47**



Venosafe VF-109SP 10 ml red plastic P.  
100 pieces/unit

**REF 03.907.04**



Skin cleaning pads «ALKOTIP»  
contains isopropanol 70% V/V  
100 pieces/unit

**REF G6 02**

**Invoicing recommendation**  
(according to § 2 Paragraph 3 GOZ  
[German dentist's scale of charges]  
private dental treatment)

**PRF small**  
**PRF large**

Placing the membrane is invoiced  
separately according to GOZ 413,  
GOZ 2442, as at 02/07.

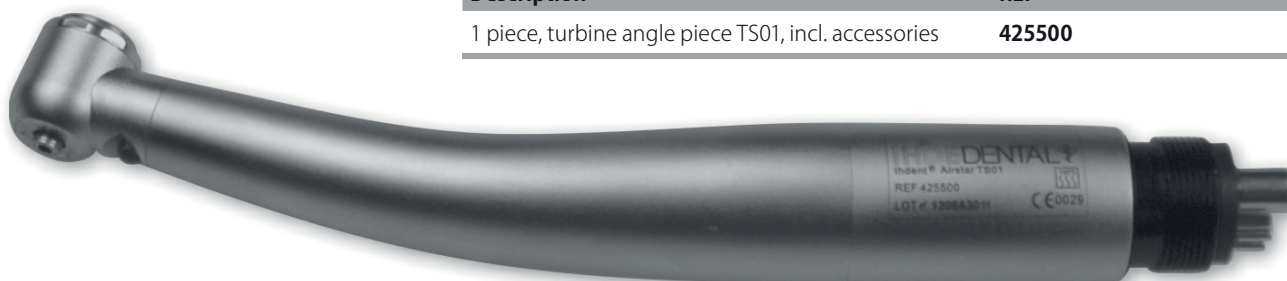
Literature and application recom-  
mendations are available at:

**www.implant.com**

## IHDENT® AIRSTAR TS01

Turbine angle piece with internal spray- and air channel. With press button voltage. Autoclavable up to 135° C. LED-light. This turbine does not need a power supply, since the power is being generated by the integrated generator. 4-hole connection.

Description	REF
1 piece, turbine angle piece TS01, incl. accessories	425500



## IHDENT® AIRSTAR TK01

Turbine angle piece with internal spray- and air channel. With press button voltage. Autoclavable up to 135° C. The light supply happens by the express coupling KQD1, REF425508.

Description	REF
1 piece, turbine angle piece Airstar TK01	425501



## IHDENT® KQD1 EXPRESS COUPLING

Express coupling for turbine angle piece TK01, autoclavable up to 135° C. KAVO-compatible, with LED.

Description	REF
1 piece, express coupling 6-hole	425508



**The turbine angle pieces must not be used with hard metal drills, since this derogates the life span of the welding tongs.**

**CONDITIONS OF GUARANTY** A six month guaranty is allowed upon all instruments. Later repairs will be executed efficiently. Instruments must be cleaned and oiled on a regular base. Please read the instructions. Dirty and/or unlubricated instruments can not be fixed as a case of warranty during the period of guaranty.

**IHDENT® ANGLE PIECE**



Ihdent® angle pieces can be used with all customary air motors and surgical units. Autoclavable up to 135° C.

Description	REF
Ihdent® Bluestar EC, 1:1, with external spray channel Angle piece voltage	<b>425502</b>
Ihdent® Bluestar IC, 1:1, with internal spray channel Angle piece voltage	<b>425503</b>

**IHDENT® HANDGRIP (STRAIGHT)**



Straight handpiece for surgical use and for dental tasks at the dentist's chair. Fits the Ihdent® Airmotor and all current motors and surgical units. Autoclavable up to 135° C.

Description	REF
Ihdent® Straight Star 1:1	<b>425509</b>

**IHDENT® AIR MOTOR**

Ihdent® Airmotor with 4-hole connection. 20.000 UpM. Available with internal (IC) or external (EC) water supply. Autoclavable up to 135° C.

Description	REF
Ihdent® Airmotor EC	<b>425506</b>
Ihdent® Airmotor IC	<b>425507</b>



**EXTERNAL SPRAY CHANNEL WITH CLIP**

Description	REF
Clip for Bluestar EC, incl. tube	<b>425510</b>



## BOI® - Maxillary Implant Placement

### Crestal and Basal Implants

This DVD demonstrates a complete surgical and prosthodontic maxillary rehabilitation using BOI, KOS and BCS implants. All treatment steps are explained in detail together with their theoretical background.

The DVD contains spoken commentary in German and in English.

Description	REF
DVD BOI-Life Implantation	<b>6667</b>



## BOI® - Maxillary Implant Placement

### Replacing Replace\*

The replacement of damaged or lost screw-type implants requires an increasing amount of the implantologist's time, since the number of implants that have been in situ over a longer period is rising drastically. As a rule, the amount of bone available for the second implant will be less than for the first one. To save the patient the ordeal of lengthy bone augmentation procedures and intermediate removable denture phases, basal implants are available today and can be used to much advantage. This DVD shows how a failed reconstruction supported by screw-type implants is converted to a new, immediately loaded prosthetic rehabilitation supported by BOI® and BCS implants.

Playing time: Approximately 20 minutes, choice of English or German commentary

Description	REF
DVD BOI «Replacing Replace»	<b>6669</b>

## LITERATURE

## International Implant Foundation Publishing

This book shows how a great increase in productivity in dental implantology can be achieved at the same time as a gain in treatment safety.

These gains can be utilised in several ways:

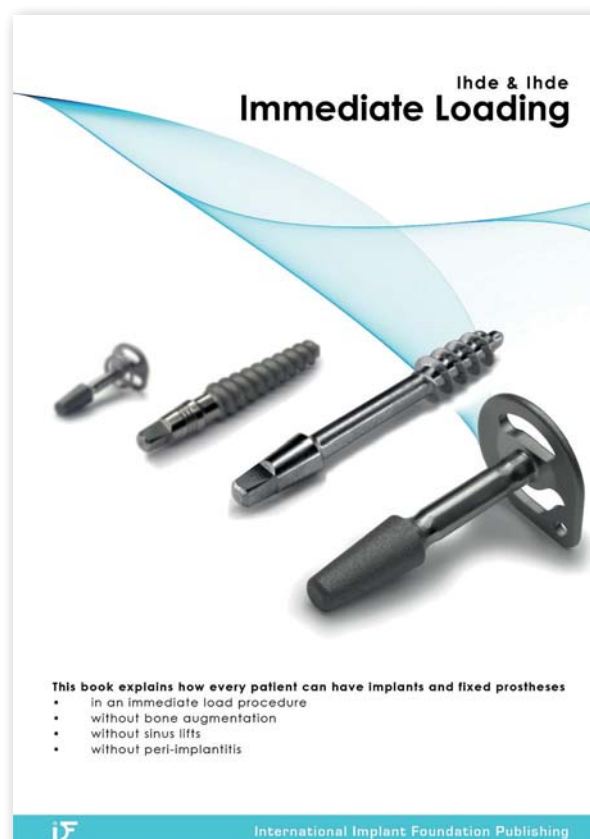
- to increase the number of patients treated
- to increase practice turnover / time units

In any event the quality of life of the treated patient is increased. Making the fullest use of this technology means saying goodbye to most of the previous "rules" of dental implantology and opening your mind to the new treatment options.

The rules of «basal implantology» have always been valid, and in principle they are easy to understand. However, the possibilities of the procedure described here have so far been recognised by only a few practitioners, and its practical application has not been described cohesively until now.

2. revised edition

Description	REF
Immediate Loading Russian	4456
Immediate Loading English., 2nd edition 2012	4445



# CONSUMABLES



SILK (12 IN 1 BOX)



Wire	Needle shape	Needle length	REF
3.0		14	SK23014B4
3.0	1/2 ▼	16	SK23016B4
3.0		21	SK23021B4
3.0		16	SK23016F4
3.0	3/8 ▼	18	SK23018F4
3.0		21	SK23021F4
3.0		26	SK23026F4
4.0		14	SK24014B4
4.0	1/2 ▼	16	SK24016B4
4.0		21	SK24021B4
4.0		16	SK24016F4
4.0	3/8 ▼	18	SK24018F4
4.0		21	SK24021F4
4.0		26	SK24026F4
5.0		14	SK25014B4
5.0	1/2 ▼	16	SK25016B4
5.0		21	SK25021B4
5.0		16	SK25016F4
5.0	3/8 ▼	18	SK25018F4
5.0		21	SK25021F4
5.0		26	SK25026F4

POLYESTER (12 IN 1 BOX)



Wire	Needle shape	Needle length	REF
4.0		14	PB24014B4
4.0	1/2 ▼	16	PB24016B4
4.0		21	PB24021B4
4.0		16	PB24016F4
4.0	3/8 ▼	18	PB24018F4
4.0		21	PB24021F4
5.0		14	PB25014B4
5.0	1/2 ▼	16	PB25016B4
5.0		21	PB25021B4
5.0		16	PB25016F4
5.0	3/8 ▼	18	PB25018F4
5.0		21	PB25021F4

FAST DEGRADABLE (12 IN 1 BOX)



Wire	Needle shape	Needle length	REF
4.0		16	PGAR21640F4
4.0	3/8 ▼	18	PGAR21840F4
5.0		16	PGAR21650F4
5.0	3/8 ▼	18	PGAR21850F4



at [www.implant.com](http://www.implant.com)

Thread length: 75 cm  
 Sterilization: Silk and polyester gamma-sterilized  
 Fast degradable material: EO-sterilized, for usage in the oral-surgical area

## ALLFIT® PROV

### Semi-permanent luting cement



**Allfit® Prov** is a dual-curing, semi-permanent luting cement based on a multifunctional methacrylate. Suitable for all implant systems. Allfit® Prov is used for luting implant-supported crowns and bridges.

The material possesses good elastic properties and produces an excellent seal due to its controlled minimal expansion. Allfit® Prov does not affect the setting of composite cements and composites used at a later stage.

Description	REF
Double, 5 ml double syringe and 5 mixing cannulas	<b>2135</b>
Shade: universal A3	
Mixing cannulas à 25 pieces	<b>2129</b>

## DENTATREND® HAND DISINFECTION\*



Ready to use hand disinfectant (alcohol based) for surgical and hygienic hand disinfection acc. To VAH / DGHM, EN 1500 and EN 12791. To render harmful organisms harmless.

### Application

For a hygienic hand disinfection, rub hands with the disinfectant and keep hands wet for the contact time indicated below. To act as a coolant add an equal amount of water to the solution and mix before use.

Description	REF
1 L Bottle	<b>D0070</b>
5 L Canister	<b>D0071</b>
Dispenser for 1 L Eurobottle	<b>D0202</b>

## DENTATREND® HAND DISINFECTION-GEL\*



Ready to use hand disinfectant (alcohol based) for surgical and hygienic hand disinfection. To render harmful organisms harmless.

### Application

For a hygienic hand disinfection, rub hands with the disinfectant and keep hands wet for 30 seconds. In case of skin with numerous sebaceous glands, thoroughly rub skin with the disinfectant and keep hands wet for a period of 10 minutes. To act as a coolant add an equal amount of water to the solution and mix before use.

Description	REF
500 ml Bellbottle	<b>D0101</b>
1 L Bottle	<b>D0101-1</b>

\* Biozide sicher verwenden. Vor Gebrauch stets Etikett und Produktinformationen lesen / Safety use of biocides. Always read the label and product information prior to use / Utilisez les biocides en toute sécurité. Avant l'utilisation, lisez l'étiquette et l'information sur les produits / Utilizzare i biocidi in modo sicuro. Leggere sempre l'etichetta e le informazioni sul prodotto prima dell'uso.

**IHDENT® ZIRKONBRIDGE ST 98.5 MM BLANK WITH STANDARD NOTCH, SUPER-TRANSLUCENT**



Hight	REF
12 mm	7689
12 mm/A2*	7689A2
12 mm/A3*	7689A3
14 mm	7690
14 mm/A2*	7690A2
14 mm/A3*	7690A3
18 mm	7691
18 mm	7691A2
22 mm	7692
25 mm	7693

\* pre-dyed in Vita®- colors

**FOR AMMANGIRRBACH CNC WITH PLASTIC FRAME, SUPER-TRANSLUCENT**



Hight	REF
14 mm	7810
18 mm	7811
22 mm	7812
25 mm	7813

**95IGER BLANK - FOR ZIRKONZAHN®, SUPER-TRANSLUCENT**



Hight	REF
14 mm	7820
18 mm	7821
22 mm	7822
25 mm	7823

**DENTATREND® IMPRESSION DISINFECTION**

This ready-to-use Impression disinfectant is used for disinfection and cleaning of all dental impression materials such as prosthetic materials.

**Application**

The respective impression is to be laid in the solution for 2 minutes, paying attention to the fact that it must be totally covered in the ready-to-use solution. In case of Alginate and Hydrocolloid a short dipping in the solution followed by a minimum of 2 minutes of drying up is recommended. After that, rinse the impression with cold water. Do not mix with other cleansers or disinfectant.



Description	REF
2,5 L Bottle	D0210
5 L Canister	D0211

## DENTATREND® LATEX GLOVES



- non-sterile
- powder free
- rolling edges
- manufactured according to EN 455, T. 1-3, EN 374
- AQL 1,5
- comestible goods approved

Description (100 pieces/pack)	REF
Size XS	300020
Size S	300021
Size M	300022
Size L	300023
Size XL	300024

## DENTATREND® NITRILE GLOVES



- non-sterile
- powder free
- latex free
- rolling edges
- roughened palms
- manufactured according to EN 455, T. 1-3
- AQL 1,5
- comestible goods approved

Description (100 pieces/pack)	REF
Size S	300010
Size M	300011
Size L	300012

## DENTATREND® FACE MASK



- soft non-irritating elastic bands
- latex free
- 3-layered, non-fiber-glass filter medium
- filtration efficiency exceeds 99 %
- integrated nose bridge

Description (50 pieces/pack)	REF
Color white	300001
Color green	300002
Color blue	300003

## oneway® CareOil



oneway® CareOil is a fully synthetic special oil of the highest purity, which was specially developed for the care of turbines, handpieces and contra-angles, surgical instruments, air scalers and air-driven motors.

Tested for all current brands.

Description	REF
400 ml	OW1000

Description	REF
Adapter A	Universally applicable adapter for the INTRAmatic interface of hand- and contra-angle pieces <b>OW1001</b>
Adapter B	Special adapter for the Roto Quick interface of turbines, e.g. W+H, Sirona <b>OW1002</b>
Adapter C	Special adapter for the Multiflex interface of turbines, e.g. KaVo <b>OW1003</b>
Adapter D	Universally applicable adapter for the ISO-interface and/or contra-angle heads of dental handpieces (ISO 9168) <b>OW1004</b>

## oneway® DISPOSABLE FILTER FOR SUCTION SYSTEMS



Description (12 pieces/pack)	REF
Disposable filter, red	OW1010

For suction systems, separators and manifolds.



System application S-SYSTEM REF 6640



System application Hexacone® REF 6646



System application XIGN® REF 6645



System application KOS® BCS® BOI® REF 6701



System application Bone Level Plus® REF 6643



System application Place® REF 6642



System application TOI® SMART²® ZSI REF 6644

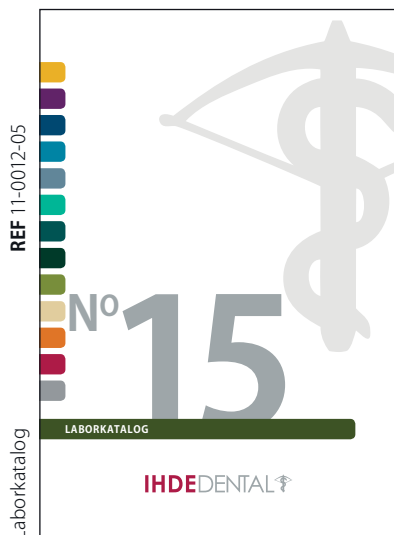
For all our implant systems we provide system applications, which show the available parts / tools and their usage. Please call us for a free system application brochure.  
**Tel. +41 (0)55 293 23 23**



### CONSUMABLES CATALOG

Includes all materials the user needs for the daily practice routine:

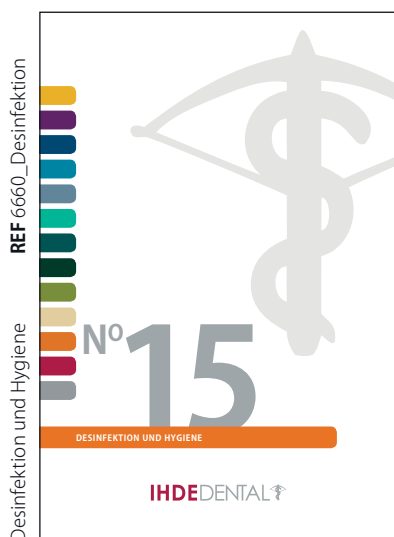
- Composites / Compomers
- Impression materials
- Glas ionomer cements
- etc.



### LABORATORY CATALOG

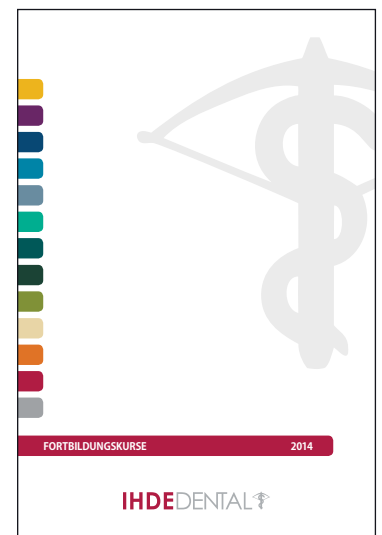
Includes all materials the user needs for the daily lab routine:

- Tray plates
- Casting materials
- Duplicating silicones
- NEM-alloys
- Zirconia blanks
- etc.



### DISINFECTION CATALOG

A complete assortment of disinfection products for all kinds of needs.



### COURSE SCHEDULE

You would like to know more about one of our implant systems? Come and visit our advanced training courses!

**Call us or send us an Email**

Tel. +41 (0)55 293 23 23

[contact@implant.com](mailto:contact@implant.com)

## GENERAL TERMS AND CONDITIONS JANUARY 2014

With the publication of this catalog all previous editions, price lists and brochures expire. The delivery of our products takes place to dentists and dentistry laboratories only.

### **ORDERS**

You can reach us monday - friday from 8 a.m. to 5 p.m. Each order that is placed before 3 p.m. will be processed the same day.

### **PRICES – PAYMENT – DELIVERY**

All prices are excl. taxes. Payments must be made within 10 days net after date of invoice.

### **GERMANY / SWITZERLAND**

Delivery is free of charge if the net value is 150,00 EUR / 250,00 CHF or more. Delivery is made by courier / mail within 24 - 48 hours.

### **RETURN POLICY – LIABILITY**

Please find our complete general terms and conditions for Germany and Switzerland, depending on your location, on our webpage <http://www.implant.com/index.php/de/agb>

### **NOTE**

Due to technical reasons the product dimensions shown in this brochure might deviate from reality. Technical modifications, improvements, errors and price alterations are subject to change without prior notice.



Contact

CH

**Dr. Ihde Dental AG**

Dorfplatz 11

CH - 8737 Gommiswald / SG

Tel. +41 (0)55 293 23 23

Fax +41 (0)55 293 23 00

contact@implant.com

www.implant.com

D

**Dr. Ihde Dental GmbH**

Erfurter Str. 19

D - 85386 Eching / Munich

Tel. +49 (0)89 319 761-0

Fax +49 (0)89 319 761-33

info@ihde-dental.de

www.ihde-dental.de



[www.implant.com](http://www.implant.com)

We are certified according to DIN EN ISO 13485/46001 as well as Attachment of the Directive 93/42 EWG. Due to technical reasons the product dimensions shown in this brochure might deviate from reality.

Symbols on the packs

Production No.	Sterilized by gamma radiation	Sterilization Ethylene oxide	Non-sterile	Intended for use by dentists or surgeons only	Single-use product	Instruction for use	Expiry date	Store in a dry place	Temperature range from -5 °C to 35 °C	Store tightly keep closed	Do not use if packing is damaged	Do not resterilize	Manufacturer	Production date

**IHDE**DENTAL