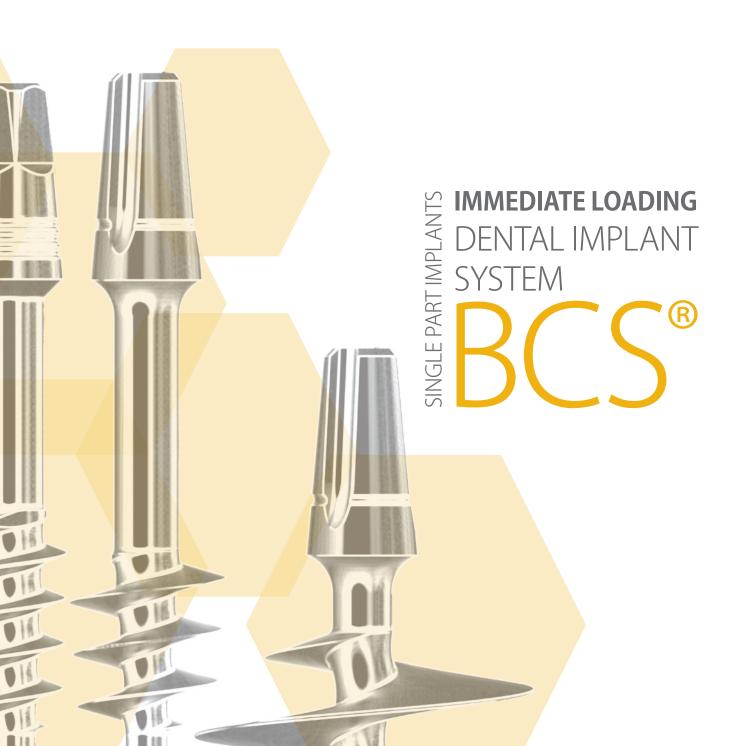
IHDEDENTAL?





Dr. Ihde Dental has been a reliable partner for over 60 years providing a wide range of implant systems and consumables. 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 allround 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 phone numbers provided. Further information can be found on our websites:

www.implant.com | www.ihde-dental.de | www.ihde.com

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 four locations in Europe and over 45 countries. 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 to us means – available for you!

- 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 upon request.

Please call us to arrange an appointment or send us an email.



Dorfplatz 11 CH - 8737 Gommiswald / SG Tel. +41 (0)55 293 23 23 contact@implant.com

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





APPLICATION AREAS OF THE STRATEGIC IMPLANT® FOR ANCHORAGE IN THE UPPER AND LOWER JAW

BCS° implants can be used immediately in extraction sockets if the basal support is sufficient. The anti-rotation protection ensures immediate stability against unintentional unscrewing before prosthetic loading. The prosthesis should be inserted before the 3rd post-operative day. **BCS**° implants are made of strong, biocompatible titanium alloy Ti6Al4V. **BCS**° implants are used typically for segments and circular bridges in an immediate splinting protocol. Their use is permitted only for authorized users.

The prescribed or recommended tightening torques for implants, abutments and screws can be found on our website:

www.implant.com/en/downloads





BCS® 7

FITTING AND CEMENTING OF PROSTHETICS

The lower border of the abutment head of the Strategic implant® is (only) used as a margin to hold the transfer during impression-taking. Because the implant and the abutment head are both polished, the lower margin of the implant does not typically serve as a crown margin as we know it from teeth or conventional 2-stage implants. There are no medical or technical reasons why the crown margin (or the margin of the technical abutment) should reach the lower border of the abutment head

It is important however that enough distance between the lower margin of the prosthetic workpiece and the gums (or the bone respectively) is left after cementation. We recommend to use only strong permanent cements (e.g. Fuji Plus, GC Corp.) and to have a vertical cementing surface/zone of at least 4 mm on the abutments. The abutment head may be shortened/adjusted vertically and/or laterally in order to achieve a good aesthetic result and to allow good phonetics.

Those surfaces on the abutment head which will provide retention for the cement must be roughened and cleaned before cementation. All other surfaces of the abutment head must remain fully polished.

The main aim of this step of the treatment is the incorporation of a prosthetic workpiece which is easily cleanable or which allows self-cleaning (on the lingual or palatal side) in function.



Fig. 1

The transfer cap (3) is positioned on the abutment head until the lower border of the abutment head (1) is reached. The transfer will sit firmly in this position. Then the impression is taken with silicone putty or heavy body silicone material. This allows the transfer of the implant position to the model.



g. 2

The implant head was placed approximately 1.8 mm above the bone level (4). The mucosa level (5) reaches higher than the lower border of the abutment head (1). The level of the crown margin (6) and the lower border of the abutment head (1) are in a distance to each other. This avoids retention of cements and debris in the submucosal area. This is a correct result. On the x-ray the crown will appear however as "too short", considering not applicable criteria from conventional dentistry.



Fig. 3

The crown margin (6) will be the same level as the lower border of the abutment head (1) if the abutment head sits on the mucosa line (5).

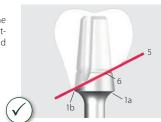


Fig. 4

If the abutment head is positioned on a mucosal slope, the lower border of the abutment head is on one side (1a) deeper in the mucosa than on the other side (1b). In such a case the crown margin (6) will also run oblique, in order to avoid submucosal position of parts of the crown. See the clinical example in Fig. 9. Also in this case the crown may appear as "too short" on the x-ray, considering not applicable criteria from conventional dentistry.



Fig. 5

For aesthetic reasons it may be necessary to create vestibular overhangig portions of the prosthetic workpiece (7).

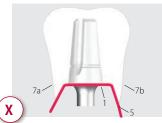


Fig. 6

It is not allowed to create such prosthetic overhangs (7a, 7b) on both sides of the prosthetic workpice, because this would lead to an non-hygienic situation without the possibility of self cleaning. Food and debris will get stuck in the area of the mucosal penetration area of the implant and this will create an inflammation.

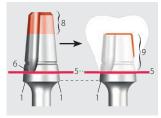


Fig. 7

If vertical height is missing, the top part of the abutment head may be shortened (region 8 is removed). At the same time it might be necessary to keep a distance between the lower margin of the abutment head (1) and the lower crown margin (6). Nevertheless the vertical cementation area (9) should be not less than 4 mm heigh.

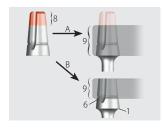


Fig. 8

If abutment heads are used as technical abutments, they are shortened after the final cementation of the prosthetic wor piece (region 8 is removed) and after the cement has fully set. This adjustment may be done at the first control appointment. They remain «open». The height of the cementing surface (9) should be not less than 4 mm. The lower margin of the crown does not necessarily concide with the lower border of the abuttment head



Fig. 9

The implant crowns 43 and 44 have been shortened more than 3 mm on the lingual side and on the vestibular side an overhang has been modelled. The necessary height for cementation is given both on the vestibular and the lingual side on the abutment head.

CONCLUSION

The question if the prosthetic construction is propperly fitted to the abutment of the Strategic implant® depends on the spational relationship between the crown margin to the mucosa much more than on anything else. Relevant for any judgement about the length of the crown is the moment of the cementation. Only for selected bridge materials and bridge designs, subgingival connection between implant abutment and prosthetics is possible. In such cases the final connection between the two components requires an open surgical cementation.

THE ADVANTAGES OF BCS° IMPLANTS For anchorage in the 1st, 2nd and if necessary 3rd cortical For the cortical anchorage of dental prostheses **SMALL HEAD LARGE HEAD** Can be used in sockets for a given indication immediately after extraction and loaded immediately in many cases Mechanically smoothed surface in all areas Self-tapping thread with endosseous anti-rotation protection For implant Ø from 3.5 to 4.6 mm, not less than **ten** implants should Conditionally be used for the complete upper jaw. suitable for For implant Ø from 3.5 to 4.6 mm, not less than **eight** implants should individual tooth be used for the complete **mandible**. prostheses The phase of adaptation and consolidation of the cortical bone in

which these implants are anchored (2nd or 3rd cortical) must be considered to be 24 months after the insertion of the implants. So there is a significant difference to the healing times for implants that are used according to the method of "osseointegration", for which the healing times are assumed to be 3-6 months.

Nevertheless BCS® implants are designed to be used (solely by specially trained and authorized users) in immediate functional loading protocols.

Made of highly resistant titanium alloy

BCS®

BCS® IMPLANTS 2.7 MMD WITH SMALL ABUTMENT HEAD

These implants are used for the following indications

- Supporting (additional) implants for cortical anchorages of bridges and crowns
- Creation of a three-point support for the cortical anchorage of dental prostheses









Description	c	d	е	g	Drill	REF	Price cat.
BCS 2.7 10	10 mm	4.5 mm	2.7 mm	2.55 mm	Twist Drill 1.8	900190	G
BCS 2.7 12	12 mm	4.5 mm	2.7 mm	2.95 mm	Twist Drill 1.8	900191	G
BCS 2.7 14	14 mm	5.5 mm	2.7 mm	2.95 mm	Twist Drill 1.8	900192	G
BCS 2.7 17	17 mm	5.5 mm	2.7 mm	2.95 mm	Twist Drill 1.8	900193	G
BCS 2.7 20	20 mm	5.5 mm	2.7 mm	2.95 mm	Twist Drill 1.8	900194	G
BCS 2.7 23	23 mm	5.5 mm	2.7 mm	2.95 mm	Twist Drill 1.8	900195	G
BCS 2.7 26	26 mm	5.5 mm	2.7 mm	2.95 mm	Twist Drill 1.8	900196	G
BCS 2.7 29	29 mm	5.5 mm	2.7 mm	2.95 mm	Twist Drill 1.8	900197	G
BCS 2.7 32	32 mm	5.5 mm	2.7 mm	2.95 mm	Twist Drill 1.8	900198	G

USE LIMITATIONS BCS 2.7 must not be used as an implant for single tooth replacement, however two or more BCS 2.7 may serve as such. If only BCS 2.7 is used in very thin jaws, the surgeon should try to insert at least eight, but better more (up to 12 implants) for this jaw. BCS 2.7 are considered additional dental implants and they are used with other BCS implants 3.5 mm - 12 mm in order to increase the stability of the implant-prosthetic system.

a) Max. abutment Ø 3.35 mm b) Abutment height 6.8 mmh c) Nominal length 10 - 32 mm d) Length of apical thread 4.5 / 5.5 mm e) Enossal Ø max. 2.7 mm f) Neck \emptyset in bending zone 1.9 mm g) Length of bending zone 2.55 - 2.95 mm h) Square AF (across flats) 1.9 mm



BCS® implants are delivered incl. lab-set REF 462353, consisting of



Tool

Double analogue, plastic

ITK, AHK

IA4/IAU

462111



Impression post castable, internally edged, for large head

PA X

462136



Impression post castable, internally round, for small head TSPA 4

462029

NOTE This is a standard lab-set and therefore contains parts for both LARGE abutment heads (PA X) and SMALL abutment heads (TSPA 4).

TWIST DRILL



Description Ø Max. working length REF Price cat. Twist Drill 1.8/23 1.8 mm 23 mm 90024 D

BCS® IMPLANTS 3.0 MMD WITH SMALL ABUTMENT HEAD

These implants are used for the following indications

- Supporting (additional) implants for cortical anchorages of bridges and crowns
- Creation of a three-point support for the cortical anchorage of dental prostheses









Description	c	d	e	g	Drill	REF	Price cat.
BCS 3.0 10	10 mm	4.5 mm	3.0 mm	2.55 mm	Twist Drill 1.8	900480	G
BCS 3.0 12	12 mm	4.5 mm	3.0 mm	2.95 mm	Twist Drill 1.8	900481	G
BCS 3.0 14	14 mm	5.5 mm	3.0 mm	2.95 mm	Twist Drill 1.8	900482	G
BCS 3.0 17	17 mm	5.5 mm	3.0 mm	2.95 mm	Twist Drill 1.8	900483	G
BCS 3.0 20	20 mm	5.5 mm	3.0 mm	2.95 mm	Twist Drill 1.8	900484	G
BCS 3.0 23	23 mm	5.5 mm	3.0 mm	2.95 mm	Twist Drill 1.8	900485	G
BCS 3.0 26	26 mm	5.5 mm	3.0 mm	2.95 mm	Twist Drill 1.8	900486	G
BCS 3.0 29	29 mm	5.5 mm	3.0 mm	2.95 mm	Twist Drill 1.8	900487	G
BCS 3.0 32	32 mm	5.5 mm	3.0 mm	2.95 mm	Twist Drill 1.8	900488	G

USE LIMITATIONS BCS 3.0 must not be used as an implant for single tooth replacement, however two or more BCS 3.0 may serve as such. If **only** BCS 3.0 is used in very thin jaws, the surgeon should try to insert at least eight, but better more (up to 12 implants) for this jaw. BCS 3.0 are considered additional dental implants and they are used with other BCS implants 3.5 mm - 12 mm in order to increase the stability of the implant-prosthetic system.

a) Max. abutment \varnothing 3.35 mm b) Abutment height 6.8 mm c) Nominal length 10 - 32 mm

d) Length of apical thread 4.5 / 5.5 mm (depending on the endosseous implant length)

e) Enossal Ø max. 3.0 mm

f) Neck Ø in bending zone 1.9 mm

g) Length of bending zone 2.55 - 2.95 mm

h) Square AF (across flats) 1.9 mm

Tool IT K, AHK

TWIST DRILL



Description	Ø	Max. working length	REF	Price cat.
Twist Drill 1.8/23	1.8 mm	23 mm	90024	D

ICLUSIVE

BCS® implants are delivered incl. lab-set REF 462353, consisting of



Double analogue, plastic

IA4/IAU 462111



Impression post castable, internally edged, for large head

PA X

462136



Impression post castable, internally round, for small head

TSPA 4

462029

NOTE This is a standard lab-set and therefore contains parts for both **LARGE** abutment heads (**PA X**) and **SMALL** abutment heads (**TSPA 4**).

PATHFINDER DRILLS



Conical 3-edge drill as initial drill, ideally suited for all crestal implant systems. The drill also passes between narrow cortical areas without pressure.

Description	Colour	Max. working length	REF	Price cat.
BCDX 1	yellow	15 mm	900243	C

BCS® IMPLANTS 3.5 - 4.5 MMD WITH SMALL ABUTMENT HEAD

For anchorage in the 1st, 2nd and if necessary 3rd cortical, for the cortical anchorage of dental prostheses. BCS® implants can be used in sockets for a given indication immediately after extraction and loaded immediately in many cases. Mechanically smoothed surface in all areas. The abutment head is identical $to the head of KOS \verb§§ implants. Self-tapping thread with endosseous anti-rotation protection. Conditionally suitable for individual tooth prostheses. \textbf{Insertion}$ tools: IT KOS, ITX KOS, ITS KOS, Adapter AHK.

a	Description	C	d	е	REF	Price cat.
g	BCS 3.5 10	10 mm	5.5 mm	3.5 mm	900208	G
	BCS 3.5 12	12 mm	5.5 mm	3.5 mm	900226	G
	BCS 3.5 14	14 mm	7.5 mm	3.5 mm	900210	G
	BCS 3.5 17	17 mm	7.5 mm	3.5 mm	900211	G
f f	BCS 3.5 20	20 mm	7.5 mm	3.5 mm	900212	G
III	BCS 3.5 23	23 mm	7.5 mm	3.5 mm	900213	G
III	BCS 3.5 26	26 mm	7.5 mm	3.5 mm	900214	G
Щ	BCS 3.5 29	29 mm	7.5 mm	3.5 mm	900215	G
<u> </u>	BCS 3.5 32	32 mm	7.5 mm	3.5 mm	900216	G
₩	BCS 3.5 35	35 mm	7.5 mm	3.5 mm	900217	G
缸	BCS 3.5 38	38 mm	7.5 mm	3.5 mm	900218	G
THE STATE OF THE S	BCS 4.5 10	10 mm	7.5 mm	4.5 mm	900238	G
e	BCS 4.5 12	12 mm	7.5 mm	4.5 mm	900239	G
	BCS 4.5 14	14 mm	7.5 mm	4.5 mm	900220	G
3.35 mm	BCS 4.5 17	17 mm	7.5 mm	4.5 mm	900221	G
6.8 mm	BCS 4.5 20	20 mm	7.5 mm	4.5 mm	900222	G
10 - 38 mm	BCS 4.5 23	23 mm	7.5 mm	4.5 mm	900223	G
5.5 / 7.5 mm	BCS 4.5 26	26 mm	7.5 mm	4.5 mm	900224	G
3.5 / 4.5 mm	BCS 4.5 29	29 mm	7.5 mm	4.5 mm	900225	G
2.0 mm						
	3.35 mm 6.8 mm 10 - 38 mm 5.5 / 7.5 mm 3.5 / 4.5 mm	BCS 3.5 10 BCS 3.5 12 BCS 3.5 14 BCS 3.5 17 BCS 3.5 20 BCS 3.5 23 BCS 3.5 26 BCS 3.5 29 BCS 3.5 32 BCS 3.5 35 BCS 3.5 35 BCS 3.5 35 BCS 4.5 10 BCS 4.5 10 BCS 4.5 12 BCS 4.5 14 3.35 mm BCS 4.5 17 6.8 mm BCS 4.5 20 10 - 38 mm BCS 4.5 23 5.5 / 7.5 mm BCS 4.5 29	BCS 3.5 10 10 mm BCS 3.5 12 12 mm BCS 3.5 14 14 mm BCS 3.5 17 17 mm BCS 3.5 20 20 mm BCS 3.5 23 23 mm BCS 3.5 26 26 mm BCS 3.5 29 29 mm BCS 3.5 32 32 mm BCS 3.5 32 32 mm BCS 3.5 35 35 mm BCS 3.5 35 35 mm BCS 4.5 10 10 mm BCS 4.5 10 10 mm BCS 4.5 11 14 mm 3.35 mm BCS 4.5 12 12 mm BCS 4.5 14 14 mm 3.35 mm BCS 4.5 17 17 mm 6.8 mm BCS 4.5 20 20 mm 10 - 38 mm BCS 4.5 23 23 mm 5.5 / 7.5 mm BCS 4.5 26 26 mm 3.5 / 4.5 mm BCS 4.5 29 29 mm	BCS 3.5 10 BCS 3.5 12 BCS 3.5 14 BCS 3.5 14 BCS 3.5 17 BCS 3.5 20 BCS 3.5 20 BCS 3.5 23 BCS 3.5 26 BCS 3.5 26 BCS 3.5 29 BCS 3.5 32 BCS 3.5 32 BCS 3.5 35 BCS 3.5 35 BCS 3.5 35 BCS 3.5 36 BCS 3.5 37 BCS 3.5 38	BCS 3.5 10 BCS 3.5 12 BCS 3.5 14 BCS 3.5 14 BCS 3.5 17 BCS 3.5 20 BCS 3.5 20 BCS 3.5 23 BCS 3.5 23 BCS 3.5 26 BCS 3.5 26 BCS 3.5 29 BCS 3.5 32 BCS 3.5 32 BCS 3.5 32 BCS 3.5 35 BCS 3.5 35 BCS 3.5 36 BCS 3.5 36 BCS 3.5 37 BCS 3.5 38	BCS 3.5 12 12 mm 5.5 mm 3.5 mm 900208 BCS 3.5 14 14 mm 7.5 mm 3.5 mm 900210 BCS 3.5 17 17 mm 7.5 mm 3.5 mm 900211 BCS 3.5 20 20 mm 7.5 mm 3.5 mm 900212 BCS 3.5 23 23 mm 7.5 mm 3.5 mm 900214 BCS 3.5 26 26 mm 7.5 mm 3.5 mm 900214 BCS 3.5 29 29 mm 7.5 mm 3.5 mm 900215 BCS 3.5 32 32 mm 7.5 mm 3.5 mm 900216 BCS 3.5 35 35 35 mm 7.5 mm 3.5 mm 900216 BCS 3.5 36 35 mm 7.5 mm 3.5 mm 900216 BCS 3.5 37 38 38 mm 7.5 mm 3.5 mm 900216 BCS 3.5 38 38 mm 7.5 mm 3.5 mm 900217 BCS 3.5 38 38 mm 7.5 mm 3.5 mm 900218 BCS 4.5 10 10 mm 7.5 mm 4.5 mm 900239 BCS 4.5 14 14 mm 7.5 mm 4.5 mm 900239 BCS 4.5 14 14 mm 7.5 mm 4.5 mm 900220 3.35 mm BCS 4.5 17 17 mm 7.5 mm 4.5 mm 900221 10 -38 mm BCS 4.5 20 20 mm 7.5 mm 4.5 mm 900222 10 -38 mm BCS 4.5 26 26 mm 7.5 mm 4.5 mm 900224 3.5 7.5 mm BCS 4.5 26 26 mm 7.5 mm 4.5 mm 900224 3.5 7.5 mm BCS 4.5 29 29 mm 7.5 mm 4.5 mm 900224

FIELD OF APPLICATION Enossal dental implant for cortical anchorage.

g) Square AF (across flats) 1.9 mm Max. insertion torque 80 Ncm

> BCS® implants are delivered incl. lab-set REF 462353, consisting of



Double analogue, plastic

IA4/IAU

462111



Impression post castable, internally edged, for large head

PA X

462136



Impression post castable, internally round, for small head

TSPA 4

462029

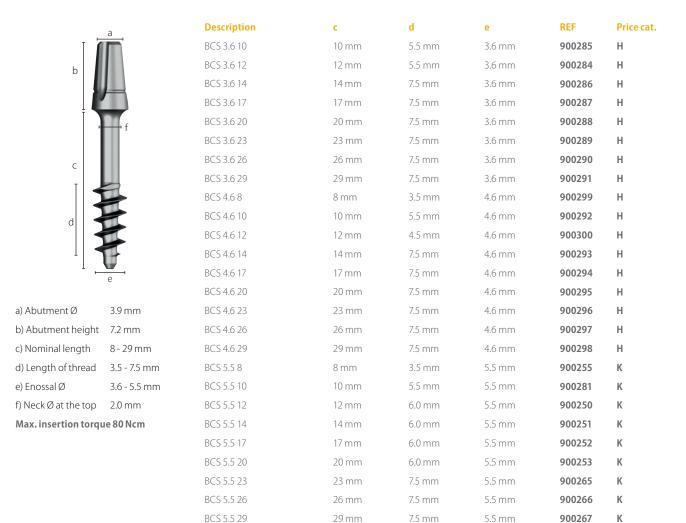
NOTE This is a standard lab-set and therefore contains parts for both LARGE abutment heads (PA X) and SMALL abutment heads (TSPA 4).







BCS® IMPLANTS WITH LARGE ABUTMENT HEAD



ICLUSIVE

BCS® implants are delivered incl. lab-set REF 462353, consisting of



Double analogue, plastic

IA4/IAU

462111



Impression post castable, internally edged, for large head

PA X

462136



Impression post castable, internally round, for small head **TSPA 4**

462029

NOTE This is a standard lab-set and therefore contains parts for both **LARGE** abutment heads (**PA X**) and **SMALL** abutment heads (**TSPA 4**).







ACCESSORIES

Analogue IAB
Pack of 5
REF 462106

Price cat. B



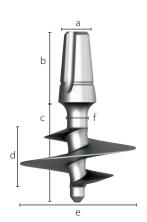
Impression post **TSPA 5**Pack of 5 **REF** 462030

Price cat. B

The red impression cap and the red analogue are round (not secured against rotation).

1

BCS® IMPLANTS WITH LARGE ABUTMENT HEAD



a) Abutment Ø	3.9 mm
b) Abutment height	7.2 mm
c) Enossal length	8 - 20 mm
d) Length of thread	5.5 / 6.5 mm
e) Enossal Ø	7 - 12 mm
f) Neck \emptyset at the top	2.0 / 2.1 mm
Max. insertion torque 80) Ncm

Description	c	d	e	f	REF	Price cat.
BCS 7.0 8	8 mm	5.5 mm	7 mm	2.0 mm	900258	K
BCS 7.0 10	10 mm	5.5 mm	7 mm	2.0 mm	900282	K
BCS 7.0 12	12 mm	5.5 mm	7 mm	2.0 mm	900260	K
BCS 7.0 14	14 mm	5.5 mm	7 mm	2.0 mm	900261	K
BCS 7.0 17	17 mm	5.5 mm	7 mm	2.0 mm	900262	K
BCS 7.0 20	20 mm	5.5 mm	7 mm	2.0 mm	900263	K
BCS 9.0 8	8 mm	5.5 mm	9 mm	2.1 mm	900269	M
BCS 9.0 10	10 mm	5.5 mm	9 mm	2.1 mm	900270	M
BCS 9.0 12	12 mm	5.5 mm	9 mm	2.1 mm	900274	M
BCS 9.0 14	14 mm	5.5 mm	9 mm	2.1 mm	900271	M
BCS 10.5 10	10 mm	6.5 mm	10.5 mm	2.1 mm	900276	M
BCS 10.5 12	12 mm	6.5 mm	10.5 mm	2.1 mm	900277	M
BCS 10.5 14	14 mm	6.5 mm	10.5 mm	2.1 mm	900278	M
BCS 10.5 17	17 mm	6.5 mm	10.5 mm	2.1 mm	900280	M
BCS 12.0 8	8 mm	5.5 mm	12 mm	2.1 mm	900279	0
BCS 12.0 10	10 mm	5.5 mm	12 mm	2.1 mm	900272	0
BCS 12.0 12	12 mm	6.5 mm	12 mm	2.1 mm	900275	0
BCS 12.0 14	14 mm	6.5 mm	12 mm	2.1 mm	900273	0

 $\textbf{insertion tools} : \mathsf{IT2}\ \mathsf{BCS}, \mathsf{IT2}\ \mathsf{S}\ \mathsf{BCS}, \mathsf{Adapter}\ \mathsf{AHB}$



BCS° implants are delivered incl. lab-set REF 462353, consisting of







Double analogue, plastic

IA4/IAU

462111



Impression post castable, internally edged, for large head

PA X

462136



Impression post castable, internally round, for small head **TSPA 4**

462029

NOTE This is a standard lab-set and therefore contains parts for both **LARGE** abutment heads (**PA X**) and **SMALL** abutment heads (**TSPA 4**).

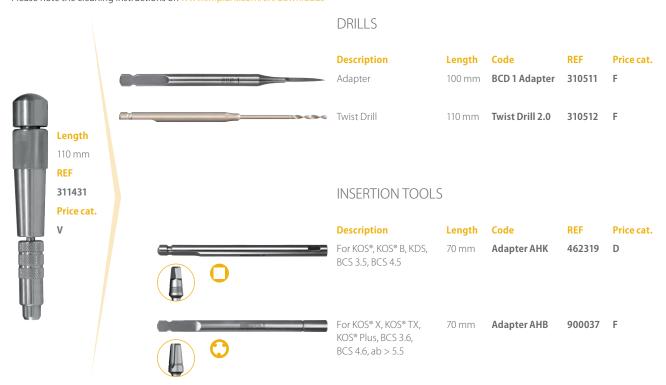




The red impression cap and the red analogue are round (not secured against rotation).

HANDGRIP SELF LOCKING

For machine reprocessing, cannot be dismantled. Clean in an ultrasonic bath at 45° with an alkaline cleaning agent. For adapter, self-locking. Please note the cleaning instructions on www.implant.com/en/downloads



USE OF THE HANDGRIP

ON THE EXAMPLE OF A LARGE ABUTMENT HEAD BCS® IMPLANT







HANDGRIP TRAY



Size of closed tray **W** 195 mm **D** 90 mm **H** 45 mm For all autoclaves

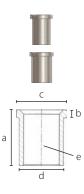
Description	Length	REF	Price €	
BCD 1 Adapter	100 mm	310511		
Twist Drill 2.0	110 mm	310512		
Adapter AHK	70 mm	462319		
Adapter AHB	70 mm	900037		
Handgrip	110 mm	311431		
Handgrip tray w/o content		60043	upon request	
Handgrip tray with content		S60043	upon request	

Please read our detailed instructions for cleaning and re-sterilization of surgical instruments on https://implant.com/en/downloads

IMPRESSION TAKING AND **LABORATORY ACCESSORIES** FOR BCS® AND KOS® IMPLANTS

	7	Description Impression post castable, POM For small head Internally round	Unit Pack of 5	Code TSPA 4	REF 462029	Price cat.
ALTERNATIVE	T	Impression post castable, POM For small head Internally round	Pack of 5	TSPA 4	462027	В
		Impression post castable, POM For large head Internally round	Pack of 5	TSPA 5	462030	В
		Impression post castable Internally edged	Pack of 5	PA X	462136	В
		Double analogue, metal	1 piece	IA4/IAU	462112	Α
		Double analogue, plastic	Pack of 5	IA4/IAU	462111	В
		Castable abutment and base for provisionals For small head 7 mm high, white, internally round	Pack of 5	PO4	462088	В
		Castable abutment For large head Internally round	Pack of 5	РОВ	462086	В

GUIDE JACKET



Description	Unit	Material	REF	Price cat.
BFH 2.0 guide jacket 2.0 mmd	Pack of 5	Ti6Al4V	425410	В
BFH 2.5 guide jacket 2.5 mmd	Pack of 5	Ti6Al4V	425411	В
a) Length	5 mm			
b) Height of step	0.7 mm			
c) Max. Ø top	3.7 / 4 mm			
d) Nominal Ø	3/3.35 mm			
e) \emptyset of drilling in the drill template	2.05 / 2.55 mm			



Model with residual teeth for the fabrication of a drill guide for creating cavities for fixating the later drill guide for implant cavities.



Drill guide for creating cavities for later fixation of the surgical drill guide.



Surgical drill guide for safe BCS® placement. The drill sleeves are designed for 2.0 mm Twist drills.

PATHFINDER DRILLS

Conical 3-edge drill as initial drill, ideally suited for all crestal implant systems. The drill also passes between narrow cortical areas without pressure.

		Description	Colour	Max. working length	REF	Price cat.
(4)	I 15 mm I 39 mm I	BCD 1	yellow	15 mm	900240	С
		BCD 2	black	15 mm	900241	С
		BCD 3	red	13 mm	900242	С
H	SDX I	BCDX 1	yellow	15 mm	900243	С
1		BCDX 2	black	15 mm	900244	С
M	47 mm I	BCDX 3	red	15 mm	900245	С
	308.1	BCD 1 Adapter Pathfinder for handgrip Length 100 mm			310511	F

TWIST DRILLS

	Description Twist Drill 1.8/23	Ø 1.8 mm	Max. working length 23 mm	REF 90024	Price cat.
(*************************************	Twist Drill 2.0/21	2.0 mm	21 mm	90022	D
Accommunity (CAM CAM CAM CAM CAM CAM CAM CAM CAM CAM	Twist Drill 2.0/30	2.0 mm	30 mm	90020	D
(0310)	Twist Drill 2.0/40	2.0 mm	40 mm	90019	D
THE PROPERTY OF THE PARTY OF TH	Twist Drill 2.5/21	2.5 mm	21 mm	90026	D
		Description	Max. working length	REF	Price cat.
		Description Twist Drill 2.0 Cylindrical drill 2.0 mm For handgrip, length 110 mm	Max. working length 35 mm	REF 310512	Price cat. F
~ · · · · · · · · · · · · · · · · · · ·		Twist Drill 2.0 Cylindrical drill 2.0 mm			

HARD METAL CUTTER

Description	Length	Code	REF	Price cat.
Hard metal bone cutter short, for FG	30 mm	SHMCS	90030	F
Hard metal bone cutter long, for FG	36 mm	SHMC L	90031	F

INSERTION TOOLS AND **ADAPTER**

	Description	Code	REF	Price cat.
	For BCS® implants with Ø 3.5 mm + 4.5 mm	IT K	462320	D
	Insertion tool short, for small head Use with RAT 2 and TW2	IT K	462320	D
	Adapter for BCS 3.5 / 4.5 Use with handgrip REF 311431	АНК	462319	D
	Insertion tool long, for large head Use with RAT 2 and TW2	IT2 BCS	900030	Е
	For BCS® implants with Ø 3.6, 4.6, 5.5, 7, 9, 10.5, 12 mm	IT2 S BCS	900038	Е
0	For BCS® implants with Ø 3.6, 4.6, 5.5, 7, 9, 10.5, 12 mm Use with handgrip REF 311431	АНВ	900037	F

Price cat.

В

В

WIRES FOR INTRA-ORAL WELDING



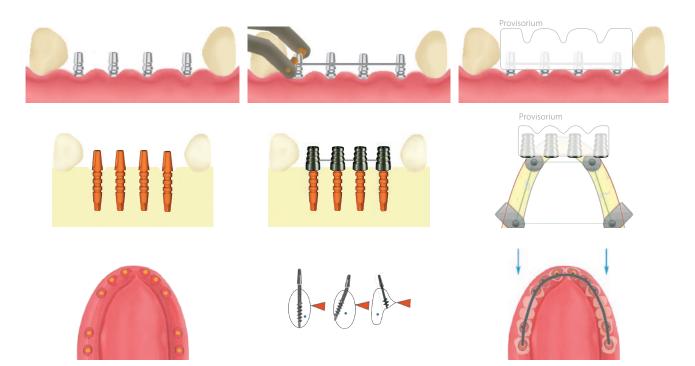
TITANIUM CAPS FOR LASER CONNECTION

$\hbox{Multi-use titanium caps for:} \\$

- use in immediately lasered bridge frames, together with the bar profiles (without bar matrices)
- the radiological control of plastic modeling
- for direct Polymerization into the bridge prosthesis
- direct veneering with titanium ceramics
- material: Ti Grade 4



INTRA-ORAL WELDING



 $Nanda\,S., Ihde\,S., Nanda\,P.\,Intra-oral\,welding-A\,usefull\,adjunct\,in\,immediate\,loading\,implantology\,using\,BCS\,implants.\,CMF\,Impl.\,Dir.\,Vol\,9, No.2, 13-24, 2014$

SCANBODIES



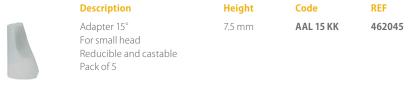
CEMENTABLE ANGULATION ADAPTER (TI6AL4V)

These adapters are mounted on **BCS®** implants to compensate for the insertion direction. Plastic cements are preferably used. The implant head must be roughened beforehand. The protruding head parts are then removed. The impression is taken directly on the adapter.



CASTABLE CROWN BASE

These adapters are used by the dental technician for modeling of bridge frames. In the metal try-in, the protruding head parts are removed by the dentist.



LAB ANALOGUE



Description	Code	REF	Price cat.
Abutment analogue for angulation adapter For small head 15° and 25°	AAA	462049	В

Price cat.

C

CASTABLE ABUTMENT AND IMPRESSION TRANSFER



Description	Code	REF	Price cat.
Castable abutment and transfer for AAA Pack of 5	PA AAA	462050	В

CEMENTING ABUTMENT

Replacement abutment for cementing. For BCS implants up to a shaft diameter of 2.1 mm. Larger shafts must be ground down. Allows the vertical correction of the abutment position. Mounting e.g. with Fuji Plus. With drain hole, machined surface. Material **Ti6Al4V**.



Description	Code	REF	Price cat.
Replacement abutment for BCS	B21	900316	Α
internal diameter 2.15 mm			

INSTRUMENT TRAY FOR KOS® AND BCS®



Size of closed tray **W** 175 mm **D** 145 mm **H** 65 mm For all autoclaves. Autoclavable up to 134° C, not suitable for dry heat sterilizers.

Description	System	Head	REF	Description	System	REF	Price €
IT2 BCS	KOS/BCS	large	900030	Twist Drill 2.0 30	BCS	90020	
IT2 S BCS	KOS/BCS	large	900038	Twist Drill 2.0 21	BCS	90022	
IT2 W	KOS/BCS	large	900039	Twist Drill 2.5 21	BCS	90026	
IT K	KOS/BCS	small	462320	Twist Drill 1.8/23	BCS	90024	
ITS K	KOS/BCS	small	462322	BCD 1	KOS/BCS	900240	
ITW K	KOS/BCS	small	462331	BCD 2	KOS/BCS	900241	
ITWH K	KOS/BCS	small	462323	BCD 3	KOS/BCS	900242	
DOS 1	KOS*		455311	BCDX 1	KOS/BCS	900243	
DOS 2	KOS*		455312	BCDX 2	KOS/BCS	900244	
DOS 3	KOS*		455313	BCDX 3	KOS/BCS	900245	
DOS 4	KOS*		455314	CDG	KOS/BCS	420329	
DOS 5	KOS*		455315	CDG	KOS/BCS	420329	
C-Drill KM 1	KOS*		455300	DX 2	KOS/BCS	500704	
C-Drill KM 2	KOS*		455301	TW2	KOS/BCS	425402	
C-Drill KM 3	KOS*		455302	Instrument tray w/o	content	60006-K	upon request
DS 2	KOS*		425001	Instrument tray with	content	S60006-K	upon request
IT TB K	KOS*		462327				

^{*} The content for the system KOS® is optional

INSERTION TOOLS

	Description	Type	Length	For implant	REF	Price cat.
	IT K	long	20 mm	BCS, KOS, KOS B, KDS	462320	D
	ITX K	extralong	45 mm	BCS, KOS, KOS B, KDS	462321	D
	ITS K	short	7 mm	BCS, KOS, KOS B, KDS	462322	D
	IT2 BCS	long	19 mm	BCS, KOS, KOS B, KDS	900030	Е
	IT2 S BCS	short	7 mm	BCS, KOS X, KOS Plus	900038	Е
F	IT2W		23 mm	KOS, BCS	900039	Е

STARTER TRAY

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

This surgical kit contains all drills and tools for first works

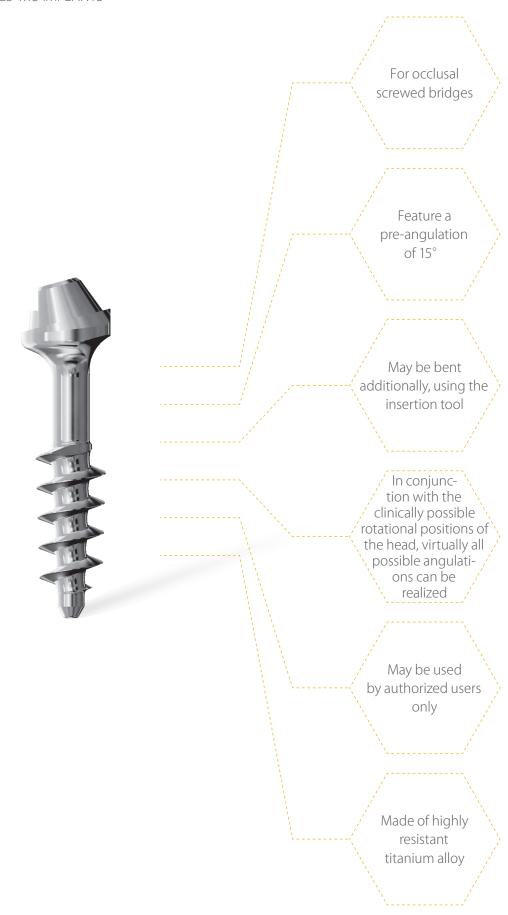
withthe system BCS® and BCS® MU.

Material: autoclavable plastic.



Description	REF	Price €
IT K	462320	
ITS K	462322	
IT 2 BCS	900030	
IT 2 S BCS	900038	
BCD 1	900240	
Twist Drill 2.0 21	90022	
Twist Drill 2.0 30	90020	
Twist Drill 2.5 21	90026	
Twist Drill 1.8/23	90024	
BCDX 1	900243	
HT 1.25	425100	optional
ITX MU 15	418203	con
Torque wrench TW2	425402	
Starter tray w/o content	60040-K	upon request
Starter tray with content	S60040-K	upon request

THE ADVANTAGES OF BCS° MU IMPLANTS



BCS® MU IMPLANTS

BCS° MU implants feature a pre-angulation of 15 degrees. BCS° MU may be bent additionally, using the insertion tool. In conjunction with the clinically possible rotational positions of the head, virtually all possible angulations can be realized. BCS° MU implants may be used by authorized users only. Material Ti6Al4V.







	a
b	a
c :	13
d	
	e

a) Abutment Ø	4.8 mm
b) Abutment height	3.7 mm
c) Trans-mucosal height	0.8 mm
d) Enossal length	8 - 38 mm
e) Enossal Ø	3.6 - 7.0 mm
f) Neck Ø	2 mm
g) Height of connecting pa	rt 2 mm
Prosthetic screw	SFK MU

Description	REF	Price cat.
BCS MU 3.6 8	900397	N
BCS MU 3.6 10	900398	N
BCS MU 3.6 12	900376	N
BCS MU 3.6 14	900330	N
BCS MU 3.6 17	900331	N
BCS MU 3.6 20	900332	N
BCS MU 3.6 23	900333	N
BCS MU 3.6 26	900377	N
BCS MU 3.6 29	900378	N
BCS MU 3.6 32	900399	N
BCS MU 3.6 35	900339	N
BCS MU 3.6 38	900340	N
BCS MU 4.6 8	900379	N
BCS MU 4.6 10	900380	N
BCS MU 4.6 12	900381	N
BCS MU 4.6 14	900382	N
BCS MU 4.6 17	900383	N
BCS MU 4.6 20	900384	N

Description	REF	Price ca
BCS MU 4.6 23	900385	N
BCS MU 4.6 26	900386	N
BCS MU 4.6 29	900387	N
BCS MU 4.6 32	900388	N
BCS MU 4.6 35	900389	N
BCS MU 5.5 10	900334	N
BCS MU 5.5 12	900335	N
BCS MU 5.5 14	900336	N
BCS MU 5.5 17	900357	N
BCS MU 5.5 20	900358	N
BCS MU 5.5 23	900341	N
BCS MU 5.5 26	900342	N
BCS MU 7.0 10	900337	N
BCS MU 7.0 12	900338	N
BCS MU 7.0 14	900360	N
BCS MU 7.0 17	900361	N
BCS MU 7.0 20	900362	N

MULTI-UNIT LAB SET



Description	Code	REF	Price cat.
Titanium base Use with SF K MU	T-Base MU	418188	
Castable abutment Use with T-Base and SF KMU	PA2 MU	418189	
Prosthetic screw for KOS® MU and BCS® MU	SF K MU	418164	
COMPLETE SET		418289	E

ACCESSORIES SINGLE-PIECE MULTI-UNIT IMPLANTS

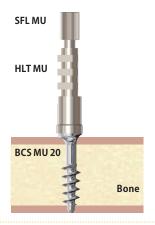
	Description		Code	REF	Price cat.	
		Insertion tool for KOS® MU, BCS® MU and Hexacone® Plus MU 15° Use with IT2 BCS, IT2 S BCS, AH MU Tool HT 1.25		ITX MU15	418203	G
112 005	0	Insertion tool long For large head Use with RAT2 and TW2, length 19 mm		IT2 BCS	900030	E
	0	Insertion tool short For large head Use with RAT2 and TW2, length 7 mm		IT2 S BCS	900038	E
	0	Adapter for handgrip Fits ITX MU15 (REF 418203)		AH-MU	900041	F
		Description		Code	REF	
	_	Hex Instrument 1.25, length 14 mm	short	HTS 1.25	425101	С
	_	Hex Instrument 1.25, length 21 mm	medium	HT 1.25	425100	С
-		Hex Instrument 1.25, length 45 mm	long	HTX 1.25	425102	С
		Scan abutment for MU implants Incl. screw SSA MU Sterilisable, two-part, material Ti6Al4V		SAB MU	418205	D
		Prosthetic screw for KOS® MU and BCS® MU		SF K MU	418164	В
Parts for passive connection of the bridge frame		Castable abutment Use with T-Base and SF K MU		PA2 MU	418189	В
	A	Titanium base * Use with SF K MU (REF 418164) For KOS® MU, BCS® MU and Hexacone® Plus MU		T-Base MU	418188	В
	•	Prosthetic screw For KOS® MU and BCS® MU		SF K MU	418164	В
Parts for UCLA technique		Castable abutment UCLA For direct use on MU implants SF K MU sold separately		PA MU	418119	В
Part for UCLA technique & passive connection	1	Digital lab analogue for MU implants* For KOS® MU, BCS® MU and Hexacone® MU		IA K MU	418159	В
T T		Long screw for prosthetic use or as pick-up screw for use with HLT MU Tool: HT 1.25, material Ti6Al4V		SFL MU	418168	В
		Transfer for pick-up impressions Straight Delivery incl. SFL MU	Works with all MU implants	HLT MU	418162	С
		Temporary base SF K MU or SFL MU sold separately		TC MU	418161	D

APPLICATION OF SINGLE-PIECE MULTI-UNIT IMPLANTS

1.

Tighten screw SFL MU with the tool HT 1.25.

Fix the transfer with the long screw, then take pick-up-im-pression.



4.

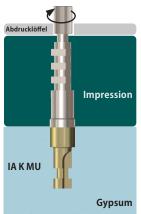
T-Base is sandblasted **from the outside** and cleaned.

The bridge frame is sandblasted from below in the area of the implants.



2.

Connect the transfer to the implant analogue (IA K MU) and pour the impression with gypsum.



5.

All T-Base are fixed to the implants with SF K MU or the long screw SFL MU. Then all T-Base are glued with adhesive cement to the bridge frame.

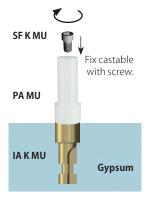
This guarantees a passive fit. Composite excess is removed and the site is polished.



3. a

Connect PA MU with SF K MU on the analogue IA K MU. Tighten screw SFL MU with the tool HT 1.25.

Now the modulation can be created and the frame is veneered. Veneering is possible with acryl, composite and ceramics.



6.

Now the bridge may be screwed on passive with SF K MU.

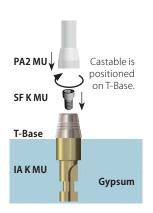
Screw canals are closed with temporary filling material or composite, taking into consideration that later access must be possible.



3. b

T-Base is positioned over the analogue and screwed on with SF K MU. The cartable PA2 MU is then fitted on top of the T-Base.

Now the modulation is made. Veneering is possible with acryl, composite and ceramics.



Application of insertion tool MU

Example for insertion tool ITX MU15 on the implant BCS® MU / KOS® MU.



REF

900100 900101

900102

900103

900104

900105

900106

900107

900108

Price cat.

K

K

K

K

K

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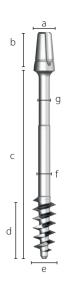
ZSI ZYGOMA SCREW IMPLANTS

ZSI implants are inserted either trans-sinusally (between the membrane and outer bones) or submucosal in the lateral upper jaw and anchored in the area of the Os Zygomaticum. In this case, the smooth parts of the implant are submucosal.

These implants are only used by experienced practitioners with a good knowledge of anatomy. ZSI implants have a bending area below the cementing abutment and can therefore be inserted into the dental arch according to the axis even after palatal insertion into the upper jaw. A separate vertical osteotomy may be necessary for this. See scheme. In one-sided free-end situations, it can be combined with one or more BCS implants in the area of the tubero-pterygoid region.

The treatment should be carried out in immediate loading protocol. Immediate splinting of the implants is necessary.

Material Highly resistant titanium alloy Ti6Al4V.



Description	Enossal Ø	Length		
Allfit ZSI 4.6 35	4.6	35		
Allfit ZSI 4.6 37.5	4.6	37.5		
Allfit ZSI 4.6 40	4.6	40		
Allfit ZSI 4.6 42.5	4.6	42.5		
Allfit ZSI 4.6 45	4.6	45		
Allfit ZSI 4.6 47.5	4.6	47.5		
Allfit ZSI 4.6 50	4.6	50		
Allfit ZSI 4.6 52.5	4.6	52.5		
Allfit ZSI 4.6 55	4.6	55		
a) Abutment Ø	3.9 mm			
b) Abutment height	7.2 mm			
c) Enossal length	35 - 55 mm			
d) Length of thread	10 mm			
e) Enossal Ø	4.6 mm			
f) Neck Ø above thread	2.2 mm			
g) Neck Ø at the top	2.0 mm			



ZSI implants are delivered incl. lab-set REF 462353, consisting of



Double analogue, plastic

IA4/IAU

462111



Impression post castable, internally edged, for large head

PA X 462136

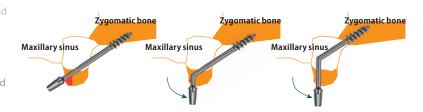


Impression post castable, internally round, for small head

TSPA 4

462029

NOTE This is a standard lab-set and therefore contains parts for both **LARGE** abutment heads (**PA X**) and **SMALL** abutment heads (**TSPA 4**).



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 DRILLS

Description	REF	Price cat.
Twist Drill 2.2 / 50 for Zygoma implants, SS	90021	F
Twist Drill 2.2 / 55 for Zygoma implants, SS	90023	F
Twist Drill 2.2 for handgrip for Zygoma implants Length 100 mm	310514	F

IMPRESSION TAKING AND **LABORATORY ACCESSORIES** FOR ZSI

Description	Unit	Code	REF	Price cat.
Impression post castable, POM Internally round	Pack of 5	TSPA 5	462030	В
Double analogue, metal For large and small head	1 piece	IA4/IAU	462112	A
Double analogue, plastic For large and small head	Pack of 5	IA4/IAU	462111	В
Castable abutment For large head Internally round	Pack of 5	РОВ	462086	В

SINGLE PIECE IMPLANT PRO KIT

All trays are delivered **WITHOUT CONTENT.** The tray offers a quick overview of the different lengths and diameters at hand, as well as the available amount of the corresponding implants.



AUXILIARY TOOL

Auxiliary tool for determining the plane of bite in relation to the Camper's plane and the bipupillary line during the creation of the upper jaw part of the bite registration. Can be used with wax or silicone.



REPROCESSING OF TOOLS AND DRILLS



IHDEDENTAL®

MANUFACTURER'S INFORMATION regarding the preparation of resterilisable medical devices complies with SO 17664

Please read carefully!

Medical devices which may be re-processed are

Please read carefully!

Medical devices which may be re-processed are took for abutments and screws

torques control instruments and racteds

Instruments for preparing endosseous bone cavilies

bene expansion screws and distractors

Diffigured sleaves

Diffigured sleaves

The pollor of the decision of re-using and re-processing of instruments and racted the pollor of the decision of re-using and re-processing of instruments and racted the pollor its responsible for the decision of re-using and re-processing of instruments shall recommend the pollor of the mountains. Damaged instruments are applied with responsible for the decision of re-using and re-processing of instruments. Damaged instruments are not regarded.

Legal bases

The following legal bases, regulations and recomments for the products are applied with regard to the products are applied with regard to the products are based systems. The following legal bases, regulations and recomments for the decision of re-using and re-processing of calcaning distingencian of the struments and reaction times given by the manufacturer is void, if these restrictions are not regarded.

Legal bases

The following legal bases, regulations and recomments are applied with regard to the products ment.

Directive 93/42 EEC.

Medical device regulations (which is valid in the struments and disinfection units).

the Robert-Noci instructions the Robert Azinemitted und Medicial Devices (Bundesministeriums für Zeralimitted und Medician produktel).

| Robert |

valid for advising patients before and after the placement of the limplaints.

Senseal principles
Aftensiable products must be cleaned, disinfected and stellised before each use; this also applies to the initial use of products that or explpied nonstrelle. Efficient cleaning and disinfection is essential for effective stellisations, Special cleaning/stellisation instructions should be obtained from the instructions for use. The operating interactions from the instructions from the control of the product of the control of the

Care instructions of surgical steel instruments Surgical steel instruments can quickly become dama

Care instructions of surgical steel instruments Surgical steel instruments can quickly become domacically available solvents should be used for surgical steel if in doubt contact Dr. Inhe Dental AG. The following are not recommended:

Distinction/cleaning agent with a high chlorine
Distinction/cleaning agent with a high chlorine
Distinction/cleaning agent with a high chlorine.
Distinction/cleaning agent with a high chlorine.
Distinction/cleaning agent with a high oxalic acid content.
The following are not recommended for instruments with colour coding.

In good with the ingredients mentioned above 100 high emperatures with mechanical cleaning and sterlisation; never higher than 135° C.

• loo high temperatures with mechanical cleaning and stenisication; never higher than 135° CC.
Conditioning.
Corse impurities must be removed from the products immediately after use (within 1-2 hrs maximum), surgical residue (blood, secretors, sixue residue) should be placed in a disinfectant solution immediately after surgery. For temporary storage and pre-disinfection/cleaning immediately after use on patients the instruments can be placed in an interins stand filled in the instruments can be placed in an interins stand filled in the instruments can be placed in an interins stand filled in the instruments and expensive the instruments of the placed in an interins standing in the disinfectant solution: the disinfectant solution the disinfectant solution the disinfectant should be oldehyde-free (otherwise fixation of blood and contamination), have proven efficient of blood and contamination, and proven the disinfectant instrument (significant and compatible with the instrument (significant and instrument). Pollow the disinfectant instructions for use, for manual or a clean soft cloth which is used specifically for this purpose. Never use metal brushes or steel wool.
• Rease note that the disinfectant used for conditioning is only for personal protection and cannot reformed after cleaning.
• Never allow instruments to remain wer or moist for a longer period of time.
• Corroded, rushy instruments in to remain the or moist for a longer period of time.
• Corroded, rushy instruments is or main were or moist for a longer period of time.
• Corroded, rushy instruments is corrosing cannot be removed, the instrument should be discarded and may no longer be used.

dations are applied with regard to the products ment.

To and only filtered air for drying, instruments that connot oned above. (Germany)

Directive 93/42 EEC.

Medical device regulations (which is valid in the country where the medical device is used for treatvice is being evaluated).

Bundesgesundheitsblatt (Federal Health Gazette)
2001: 44: III.5-1126

Hygiene requirements often of the Commission for tides the Robert-Koch Institute and the Federal Ministry for Journal Hygiene (Rommission fur Krankenhaushyliene) at the Robert-Koch Institute and the Federal Ministry for Drugs and Medical Devices (Bundesministeriums fur Azzneimittel und Medizinprodukte).

Mechanical cleaning
Cleaning, disinfection and diving in accordance with
DIN EN ISO 18883-12006 and DIN EN 15883-22006
DIN EN 150 18883-12006 and DIN EN 15883-22006
DIN EN 150 18883-12006 and DIN EN 15883-22006
DIN EN 150 18883-12006
DIN EN 150 18883-1

- Important points

 All instruments must be sterilised after cleaning.

 All instruments must be sterilised after cleaning.

 When sterilising multi-part instruments in an autoclave without a drying programme, it is essential that the instruments are always sterilised in a disassembled state!

 The instruments should always be checked for corrosion after sterilisation.

 The scaling of the instruments must still be visible after sterilisation; otherwise the instruments should he renized.

after sterilisation: otherwise the instruments should be replaced. New instruments must be cleaned and sterilised without pockoging before using for the first time. Preparation of all instruments with cavities is particularly critical. This applies especially to internally cooled drills, placement aids and instruments with blind holes. As the water supply cavity cannot be another than the state of the placement and debris could be carried from patient to patient, we recommend using these instruments as single-use products only or using them exclusively on one patient. With all other instruments it must be ensured that the cavities are completely clean. Multi-part placement aids should be disassembled for cleaning, if possible.

Control
Check oil instruments after cleaning and cleaning/dis-infection for corrosion, damaged surfaces, chipping, damage to the shape (e.g. bent and non-concenturunning instruments, damaged or blunt blades) as well as contamination and discard any damaged instruments. Instruments that are still contaminated must be cleaned and disinfected again. Then check the function and integrity of the instruments. It is not necessary to apply care products (e.g. oil) to instruments and abutments or screws.

abulments or screws.

Special aspects to Sevre with drills and cutter to be cutting instruments for a maximum of 10 times. Thoroughly check these instruments after each use for horoughly check these instruments after each use for horoughly check these instruments after each use for horoughly check they are so that the each of the particular) and the shapens of the bolades. The wear of bone drills depends on the hardness of the bone at the site. If in doubt, drills should only be used once. There is a considerable loss of cutting performance if her tips dramaged. To ensure care of the drills it is the tips of the standard of the st

Packaging Sort out the instruments in the sterilisation tray and then pack them in single-use sterilisation packaging (single or double packaging) and/or sterilisation con-tainer, which

- complies with DIN EN 868-2ff/DIN EN ISO/ANSI AAMI ISO 11607
- ISO 11407

 Is sultable for steam sterilisation (temperature resistant up to min. 137° C (279° F), odequote steam permeability of the control of the control

Sterilisation
Method:

Fractional pre-vacuum procedure
(according to ISO 17665 or ISO 13060)
In a unit that complies with EN 285
Temperature:
Healt in 132° C. mox. 137° C.
Pressure:

Spic-vaccoum stages with min. 60 milliHold time:
Drying time:
Drying time:
Iminimum 3 min. at 132° C.
In minimum 10 min. at 132° C.
In a valid staining and corrosion the steam must not
loaved to the process of the steam of the stage of the stage
star to have been thoroughly temoved. The recommended threshold limits of the ingredients for dinking
water and steam condensate are specified in EN 285.
Sterilisation using hot-air sterilizers and/or glass bead
sterilizers in a divised, as the high temperatures blunt
the cutting surfaces of the critic. The trays recommended by the autoclave manufacturers if there is not a
system-specific instrument tray available.

Storage
After stellistation, the instruments must be stored dry and dust-free in the sterilisation packaging. The instruments should also be protected against sunlight and heat. The maximum storage period (expiry date) depends on several factors and must be determined and validated by the user.

Information on handling multi-part instruments
Multi-part instruments must be disassembled before
sterilisation. Please note the schematic diagram be-

stellisation. Please note the schematic diagram user-low.
RAIZ/Unscrewthecoverscrewandremovethepush-rod.
The push-rod and ratchet housing (liner and outer)
must be thoroughly cleaned and then dried. The Individual components of the ratchet are shiftink-wrapped
together in a stellisticion bog and stellisted. Ensure
so that the water vapour can escape and that the ratchet or its parts are not lying in water. After stellisation,
generally just before the beginning of limplant placement, the ratchet should be thinly lubricated using a silicone oil and reassembled. The function of the ratchet
should then be checked before beginning surgery.

Dr. Ihde Dental AG reserves the right to change the design of the products and components or their packaging, adapt instructions for use as well as renegotate prices and delivery conditions. Liability is limited to the use of defective products. Any further claims are excluded.

Further information about the preparation of medical products is available in the Internet at www.rki.de or www.a-k-i.org.

STERILE LOT LOT Charge number Keep in a dry place Store tightly keep closed Manufacturer **C E** 1936

Read instructions

Expiration date

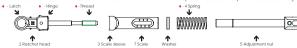
Only use once

non sterile

STERILE R Y Gamma-sterilized

Schematic diagram of the TW/TW2 torque wrench

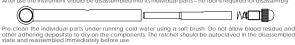
After use the instrument should be disassembled into its individual parts – no tool is required for disassembly



Pre-clean the individual parts under running cold water using a soft brush. Do not allow blood residue and other adhering deposits to dry on the components.

Schematic diagram of the RAT2 ratchet

· After use the instrument should be disassembled into its individual parts - no tool is required for disassembly



Schematic diagram of the handle REF 311430 (can be disassembled)

After use the instrument should be disassembled into its individual parts – no tool is required for disassembly



Pre-clean the individual parts under running cold water using a soft brush. Do not allow blood residue and other adhering deposits to dry on the components. The handle should be autoclaved in the disassembled mendiately before use.

Schematic diagram of the handle REF 311431 (cannot be disassembled)



- Pre-clean the instrument under running cold water using a soft brush. Do not allow blood residue and other adhering deposits to dry on the handle. The handle should be thoroughly cleaned manually using an ultrasonic cleaner before mechanical cleaning. Manual cleaning including ultrasonic cleaner (see above) and mechanical cleaning should be performed in sequence.



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

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

Basal implants may only be used and operated by qualified persons with valid authorisation (para. 2 MedProdAnw Verordnung). We are certified according to DIN EN ISO 13485 and Annex II of Directive 93/42 EEC.

The product dimensions shown in this brochure may differ from reality for technical reasons.

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

Compilation and explanation of symbols on the packaging:



Batch No.



Sterilized by gamma radiation



Non-sterile



Intended for use by dentists or surgeons only



Single use product



Instruction for use



Expiry date



Store in a dry place



Store tightly keep closed



Do not use if packing is damaged



Do not resterilize



Manufacturer



Production date



Catalogue number



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