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.



THE ADVANTAGES

OF THE ENDOSSEOUS DENTAL IMPLANT SYSTEM BLP®

The surface of **Bone Level Plus®** implants provide a specially lasered surface with exactly defined properties. For anti-rotation an internal square connects with press-fit to the abutment. The cone in combination with the internal stare provides stability and 100% tightness. **Bone Level Plus®** implants are universally applicable for fixed and removable prosthetics.

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

www.implant.com/en/downloads

/ Safely ``antirotational thanks to its internal ``precision square /

Cone technology for a tight seal

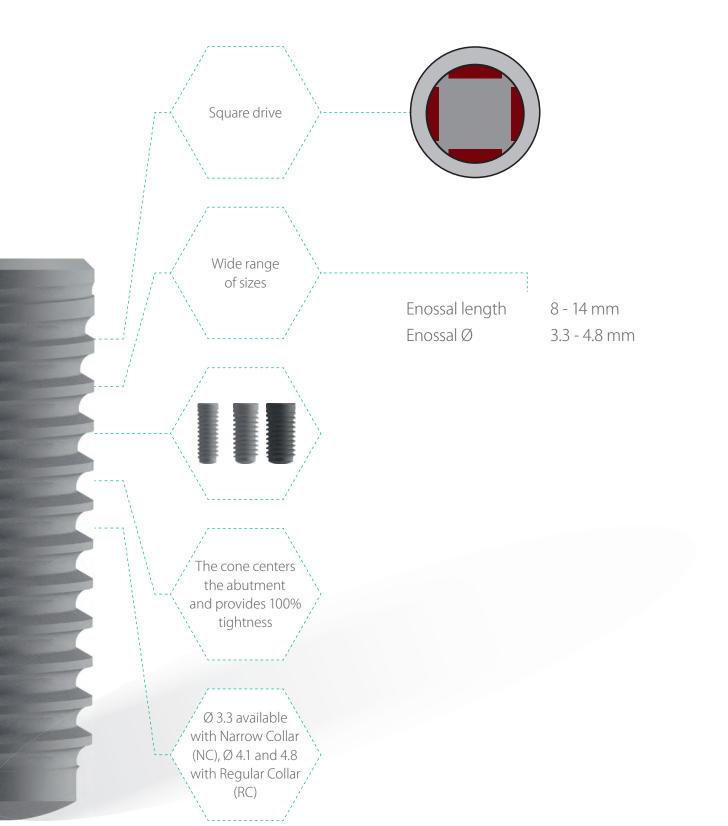
Universally suitable for fixed and removable prosthodontics

Made of highly resistant titanium alloy

Smart instrument tray



BLP®



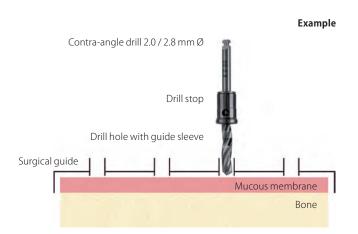
PREPARATORY STEPS WHEN USING A DRILLING TEMPLATE

- 1. Have your laboratory produce a drilling template with the appropriate drill holes for the marker bore. To be on the safe side, the laboratory might insert guide sleeves (**REF** BFH) into the drill holes to ensure that the drilling angle is correct. Use a 2 mm ø drill for pilot drilling.
- 2. For subsequent drilling sequences, drill stops can be used that are slid over the drill according to the appropriate depth of the drill hole and screwed in place. Consider the thickness of the mucosa and the height of the template as appropriate.

Thanks to the extremely high cutting efficiency of our drills, no ascending drilling sequences will usually be required.

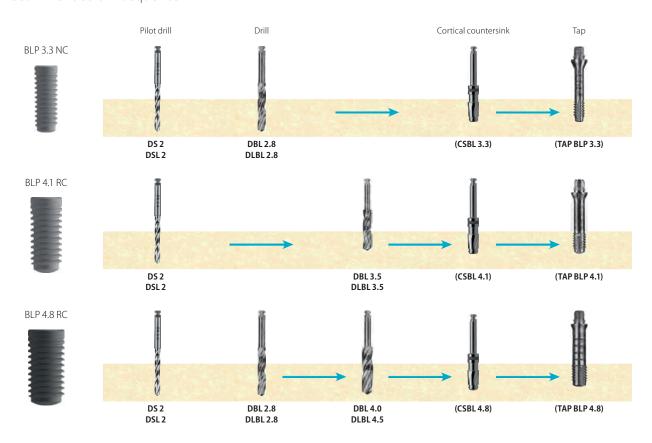
Recommended RPM: 2000-5000

Apply sufficient cooling and allow the cooling to reach the working blades of the drills. Drill stop taking from \emptyset 2.8.



SURGERY

1. Recommended drill sequence



Owing to the high quality and geometry of the blades of our drills, the final preparation may be performed immediately after the pilot drilling.

BLP®

2. Implant packaging



Original packaging



Open the sealed cover at the lid. Remove the label and place it into the patients record.



The open pack contains the implant in a sterile tube (primary packaging).

3. Remove the implant from its packaging

- 1. Open the Lid
- 2. The implant is attached to the cap and can be removed by breaking it off at the pre-determined breaking point
- 3. Remove the implant, making sure not to touch the inner wall of the tube



4. Handling

4.1 Connect

Attach the placement aid to the implant, holding the cap to which the implant is attached with the other hand.

4.2 Mounting the adapter ITV WST / contra-angle

Place the ITV Wst (angled handpiece) or IT ITV (ratchet) adapter on the ITV BLP placement aid. Mount the placement aid. Hold the cap firmly in one hand and break off the implant at the predetermined breaking line.





4.3 Alternative to 4.2:

Place the IT ITV (ratchet) adapter on the ITV BLP placement aid.

Mount the placement aid. Hold the cap firmly in one hand and break off the implant at the pre-determined breaking line.



5. Insertion

Use the angled handpiece, ratchet or shank to screw the implant into the implant bed (clockwise).

The enossal aspect of the implant must be submerged in the bone. Upon **complete** insertion, the implant may be turned back ¼ revolution to reduce the load on the bone.

The system is suitable for deep insertion (below bone level).



6. Remove insertion tool from implant

Loosen the insertion aid from the implant by pulling it off.



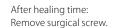
7. Result



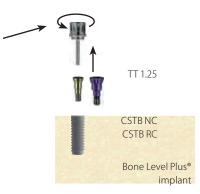
8. Aftercare

Seal the implant with a matching cover screw.





Arrow: Top view. Rotation counter clockwise.



BLP®

9

9. Pick-up impressions

9.1 Impression with perforated custom tray

Torx-instrument TT 1.25

Insert impression posts HLT BLP NC/RC

Bone Level Plus® implant



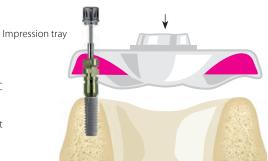
9.2 Before taking the impression

Take an impression in an A silicone. You can use the open-tray or the closed-tray technique.

It is necessary to remove the HLT BLP NC/RC impression post from the implant to be able to take out the impression tray.

Impression post HLT BLP NC/RC

Bone Level Plus® implant



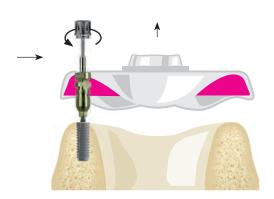
9.3 Taking the impression

Detach the HLT BLP NC/RC from the implant. HLT BLP NC/RC will stay within the impression. Use TT 1.25 to loosen screw

Relief window in the impression tray

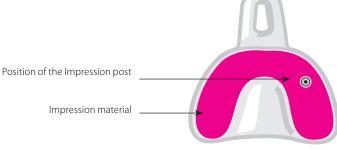
HLT BLP NC/RC

Bone Level Plus® implant



9.4

View of the impression post in the impression (pick-up technique, bottom view).



9.5

Once the impression has been taken, the implant is closed with a healing abutment, while the impression is sent to the laboratory.

TT 1.25

Arrow: Top view.
Rotation clockwise

Surgical screw CSTB NC/RC

Bone Level Plus® implant

10. Closed tray impression taking

10.1 Impression with closed tray

Impression with custom tray.

Securing the impression post with the thumbscrew

TS BLP NC/RC

Bone Level Plus® implant



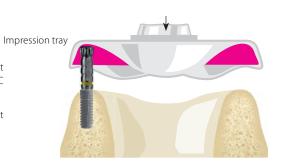
10.2 Before taking the impression

Take an impression in an A silicone. You can use the open-tray or the closed-tray technique.

With the closed impression technique, the TS BLP NC/RC will always remain on the implant when removing the impression.

Impression post
TS BLP NC/RC

Bone Level Plus® implant



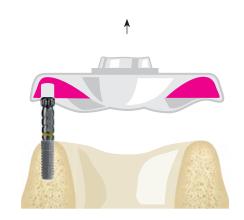
10.3 Removing the impression

In the case of closed impressions, the TS BLP NC/RC impression post will remain on the implant after removing the impression tray.

The impression post will be removed afterwards.

Impression post TS BLP NC/RC

Bone Level Plus® implant

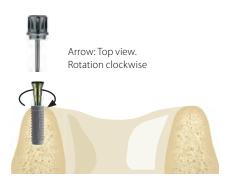


10.4

Once the impression has been taken, the implant is closed with an HA NC/RC healing abutment, while the impression is sent to the laboratory.

TT 1.25 insert surgical screw CSTB NC/RC

Bone Level Plus® implant



11. Procedures in the laboratory

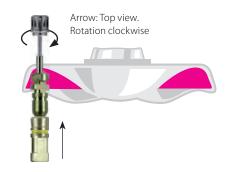
11.1 Pick-up technique

Tighten the IAB against the HLT BLP (NC/RC) impression post.

Use the TT 1.25 to insert the lab analogue

HLT BLP NC/RC

IAB NC or IAB RC



11.2 Closed technique

Secure the IAB NC/RC against the TS BLP (NC or RC) ${\color{red} (\rm A)}$

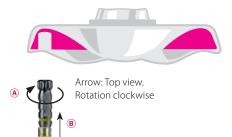
Reposition the impression post inside the impression ${\color{red} {\bf B}}$

Pour the impression.

Use the thumbscrew to tighten the impression post on the lab analogue.

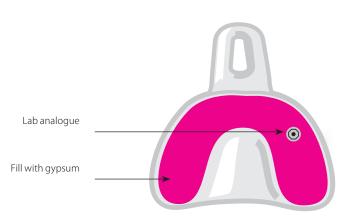
TS BLP NC/RC

IAB NC or IAB RC



11.3

Pour the impression in dental stone, then remove the impression posts from the lab analogues.



11.4

The lab analogueue will now be embedded in the gypsum in the correct position.

IAB NC/RC



11.5

Positioning of the screw-retained TLA2 15 BLP RC abutment, determining its optimal position and correct angulation.

NOTE The square end must be inserted completely into the analogue.

TT 1.25

Insert screw

TLA2 15 BLP NC/RC Watch out for the correct square end position

IAB NC/RC



11.6

The correct position of the abutment must be ensured during transfer to the mouth.

TLA2 15 BLP NC/RC



11.7

If multiple angled abutments are used, the laboratory will produce a removable resin splint (e.g. from pattern resin) to facilitate positioning within the mouth.

TLA2 15 BLP RC

Pattern Resin



BONE LEVEL PLUS® IMPLANTS

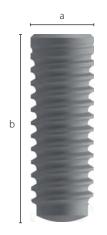
With No-Itis® Laser Surface. The implant body is made of Ti6Al4V.











a) Enossal Ø	3.3 - 4.8 mm
b) Enossal length	8 - 14 mm
NC	Narrow Colla
RC	Regular Colla

Descripti	on
BLP 3.3 8	NC
BLP 3.3 10) NC
BLP 3.3 12	2 NC
BLP 3.3 14	1 NC
BLP 4.1 8 I	RC
BLP 4.1 10) RC
BLP 4.1 12	! RC
BLP 4.1 14	RC
BLP 4.88	RC

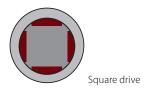
BLP 4.8 10 RC

BLP 4.8 12 RC

BLP 4.8 14 RC

Enossal Ø	Enossal length	REF	Price cat.
3.3 mm	8 mm	900500	Н
3.3 mm	10 mm	900501	Н
3.3 mm	12 mm	900502	Н
3.3 mm	14 mm	900503	Н
4.1 mm	8 mm	900504	Н
4.1 mm	10 mm	900505	Н
4.1 mm	12 mm	900506	Н
4.1 mm	14 mm	900507	Н
4.8 mm	8 mm	900508	Н
4.8 mm	10 mm	900509	Н
4.8 mm	12 mm	900510	Н
4.8 mm	14 mm	900511	Н

Min. Insertion torque 35 Ncm



Delivery inclusive insertion tool ITV BLP and surgical screw REF 900518 or 900519





- Safely anti-rotational thanks to its internal precision square
- Cone technology for a tight seal
 Universally suitable for fixed and removable prosthodontics
- The cone centers the abutment and provides 100% tightness

SURGICAL SCREWS



Description	Code	REF	Price cat.
Surgical screw for BLP 3.3	CSTB NC	900518	В
Surgical screw for BLP 4.1 and 4.8	CSTB RC	900519	В

GINGIVAFORMER



Description		Code	REF	Price cat.
Gingivaformer	conical	GF NC 3.6 2	900590	В
Gingivaformer	conical	GF NC 3.6 3.5	900591	В
Gingivaformer	conical	GF NC 4.8 3.5	900594	В
Gingivaformer	conical	GF RC 4.5 2	900596	В
Gingivaformer	conical	GF RC 4.5 4	900597	В
Gingivaformer	conical	GF RC 4.5 6	900598	В
Gingivaformer	conical	GF RC 6 2	900599	В
Gingivaformer	bottle shape	GFB NC 3.3 3.5	900602	В
Gingivaformer	bottle shape	GFB NC 3.3 5	900603	В
Gingivaformer	bottle shape	GFB RC 4.4 4	900604	В
Gingivaformer	bottle shape	GFB RC 4.7 6	900605	В

BUR CYLINDER



Description Bur cylinder for BLP 3.3 for telescope crowns	Code FZB NC	REF 900524	Price cat.
Bur cylinder for BLP 4.1 and 4.8 for telescope crowns	FZB RC	900527	D
Recommended insertion torque 30 Ncm			

ANALOGUES





Description	Code	REF	Price cat.
Implant analogue for BLP 3.3	IA BLP NC	900525	В
Implant analogue for BLP 4.1 and 4.8	IA BLP RC	900526	В

BLP® 15

STANDARD ABUTMENTS

	Description	Code	REF	Price cat.
	Abutment for cementing on BLP 3.3, step 1 mm high Height above step 4 mm, incl. screw SFBC NC	CAB 1 NC	900554	E
1	Abutment for cementing on BLP 3.3, step 3 mm high Height above step 4 mm, incl. screw SFBC NC	CAB 3 NC	900555	E
•	Abutment for cementing on BLP 4.1 and 4.8, step 1 mm high Height above step 5.5 mm, incl. screw SFBC RC	CAB 1 RC	900551	Е
*	Abutment for cementing on BLP 4.1 and 4.8, step 3 mm high Height above step 5.5 mm, incl. screw SFBC RC	CAB 3 RC	900552	E
Ψ	Recommended insertion torque 20 Ncm			

SCREW-RETAINED ABUTMENTS (REDUCIBLE, GRINDABLE)



Description	Code	REF	Price cat.
Abutment Incl. screw SF B	TAB BLP NC/RC	900521	D
Abutment for BLP 3.3, 15° angled Anti-rotational, incl. screw SFB NC	TLA2 15 BLP NC	900528	F
Abutment for BLP 4.1 and 4.8, 15° angled Anti-rotational, incl. screw SFB RC	TLA2 15 BLP RC	900523	F
Recommended insertion torque 20 Ncm			

ANATOMICAL ABUTMENTS



Description Anatomical abutment for BLP 3.3 Anti-rotational, incl. screw SFB NC	Code ANAB NC	REF 900544	Price cat. F
Anatomical abutment for BLP 4.1 and 4.8 Anti-rotational, incl. screw SFB RC	ANAB RC	900543	F

Recommended insertion torque **20 Ncm**

TITANIUM BASE FOR CAD CAM



Description	Code	REF	Price cat.
Titanium base for BLP 3.3, anti-rotation Incl. screw SFB NC	MB BLP NC	900560	D
Titanium base for BLP 4.1 and 4.8, anti-rotation Incl. screw SFB RC	MB BLP RC	900562	D

CASTABLE ABUTMENTS



Description	Material	Code	REF	Price cat.
Castable abutment for BLP 3.3 Incl. metal base and screw	CoCrMo/plastic	PLAB2 BLP NC	900621	G
Castable abutment for BLP 4.1 and 4.8 Incl. metal base and screw	CoCrMo/plastic	PLAB2 BLP RC	900623	G

PICK-UP IMPRESSION POST FOR PICK-UP IMPRESSIONS



Description Impression post for BLP 3.3	Code HLT BLP NC	REF 900584	Price cat.
Impression post for BLP 4.1 and 4.8	HLT BLP RC	900585	С

IMPRESSION POST FOR CONVENTIONAL IMPRESSIONS



Description Impression post for BLP 3.3	Code TS BLP NC	REF 900586	Price cat.
Impression post for BLP 4.1 and 4.8	TS BLP RC	900587	С
Impression post long for BLP 3.3	TSL BLP NC	900588	С
Impression post long for BLP 4.1 and 4.8	TSL BLP RC	900589	С

ABUTMENTS FOR SCREW-ON PROSTHETIC



Description Gingiva height 0.5 mm	Code TCT BLP NC 0.5	REF 900635	Price cat.
Gingiva height 1.5 mm	TCT BLP NC 1.5	900636	D
Gingiva height 3.5 mm	TCT BLP NC 3.5	900637	D
Gingiva height 0.5 mm	TCT BLP RC 0.5	900632	D
Gingiva height 1.5 mm	TCT BLP RC 1.5	900633	D
Gingiva height 3.5 mm	TCT BLP RC 3.5	900634	D

Tighten with **HT 1.77**

IMPRESSION TAKING AND LABORATORY ACCESSORIES

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



	Transfer post	Long screw Tighten with HT 1.25	TCT analogue	Castable abutment 12mm high Internally round Pack of 5	Castable abutment 12mm high Internally edged Pack of 5	Fastening screw Tighten with HT 1.25
Code	TST	SFL	ВТТ	PSTR (grey)	PSTA	SF
REF	418147	420428	418100	418124	418123	418151
Price cat.	В	В	В	В	В	В

LOCALICER® FOR REMOVABLE PROSTHETIC

If LOC abutments are used in the upper jaw, we recommend to place at least six implants and to splint them through prosthetics in a stable manner. Tighten with **HT 1.77**.



Description	Height	Code	REF	Price cat.
Localicer* for BLP 3.3	2 mm	LOC BLP NC 2	900539	D
Localicer*for BLP 3.3	3 mm	LOC BLP NC 3	900606	D
Localicer*for BLP 3.3	4 mm	LOC BLP NC 4	900607	D
Localicer* for BLP 4.1 and 4.8	2 mm	LOC BLP RC 2	900540	D
Localicer* for BLP 4.1 and 4.8	3 mm	LOC BLP RC 3	900608	D
Localicer* for BLP 4.1 and 4.8	4 mm	LOC BLP RC 4	900609	D

ACCESSORIES FOR LOCALICER®



Description	Code	REF	Price cat.
Analogue + impression set	AA LOC	462337	C
Set with 5 caps + 1 housing (EXTERNAL PRODUCT)	NCS	462338	D

Pull-off force

Yellow 600 g, Pink 1.200 g, Transparent 1.800 g, Violet 2.700 g Black has no retention and is designed for temporary solutions for up to one month

MULTI-UNIT ABUTMENTS

Insertion of the angled MU2 abutments with \mathbf{HT} 1.25. Insertion of the straight MU2S abutments with \mathbf{HT} 1.77



Description	Material	Code	REF	Price cat.
Abutment 17° angled Incl. screw SFB RC	Ti6Al4V	MU2 17 BLP RC	900640	L
Abutment 35° angled Incl. screw SFB RC	Ti6Al4V	MU2 35 BLP RC	900641	L
Abutment straight Gingiva height 0.5 mm	Ti6Al4V	MU2S 0.5 BLP RC	900642	G
Abutment straight Gingiva height 1.5 mm	Ti6Al4V	MU2S 1.5 BLP RC	900643	G
Abutment straight Gingiva height 2.5 mm	Ti6Al4V	MU2S 2.5 BLP RC	900644	G
Gingivaformer incl. SF MU2 Height above abutment shoulder 6 mm	Ti6Al4V	GF MU 2	418286	С
Localicer® incl. SF MU2 Height above abutment shoulder 6.7 mm Use with NCS Set REF 462338	Ti6Al4V	MU 2	418287	С
Prosthetic screw for MU2	Ti6Al4V	SFB RC	900532	В

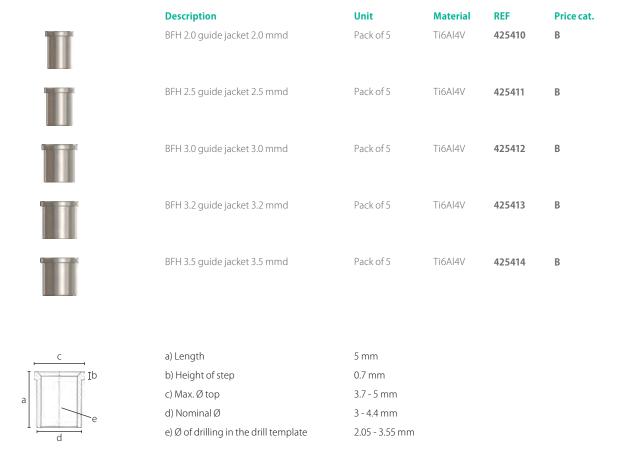
ACCESSORIES FOR MULTI-UNIT ABUTMENTS



INSTRUMENTS

	Description	Code	REF	Price cat.
	Pilot drill short/long 2.0 mm Ø	DS 2 / DSL 2	425001 / 425002	D
·····	Pilot drill short/long 2.8 mm Ø	DS 2.8 / DSL 2.8	425005 / 425006	D
	Form drill short 2.8 mm Ø	DBL 2.8	900570	Е
, DELLE	Form drill short 3.5 mm Ø	DBL 3.5	900571	Е
THE REPORT OF THE PARTY OF THE	Form drill short 4.0 mm Ø	DBL 4.0	900572	Е
711 T.7	Cortical countersink 3.3	CSBL 3.3	900576	D
	Cortical countersink 4.1	CSBL 4.1	900577	D
	Cortical countersink 4.8	CSBL 4.8	900578	D
	Тар	TAP BLP 3.3	900579	D
	Тар	TAP BLP 4.1	900580	D
	Тар	TAP BLP 4.8	900581	D

GUIDE JACKET



ADAPTER

Description	For	Length	Code	REF	Price cat.
Adapter short / contra-angle	ITV BLP	22 mm	ITV S WST	500851	D
Adapter long / contra-angle	ITV BLP	32 mm	ITV L WST	500852	D
Adapter medium / contra-angle	ITV BLP	27 mm	ITV M WST	500853	D
Ratchet adapter	Adapter for ITV BLP		ITITV	500854	D
 Drill extension Contra-angle, extends by 19 mm			DX2	500704	D
Universal adapter For all contra-angle instruments Use with ratchet TW2 or RAT 2, max. 30	Ncm		UAW	425107	E

INSTRUMENTS AND **TOOLS**

	Description	Туре	REF	Price cat.
(our	Ratchet RAT 2	For all Hex instruments and insertion tools	425051	K
	TW2	Torque wrench, 10 - 70 Ncm. For all insertion tools, hex- and torxinstruments It is recommended to have the torque ratchets recalibrated by us once a year.	425402	S
	TT 1.25	Torx instrument (for all screws)	425105	С
	TT 1.25 M	Torx instrument (all screws) for contra-angle	425115	С
	HT 1.77	Hex instrument, long	425103	С
	HTX 1.77	Hex instrument, extralong	425104	С
1 222	PUW1	Punch	425404	С

STARTER TRAY



Description	Code	REF	Price €
Adapter contra-angle short	ITV S	500851	
Adapter contra-angle medium	ITV M	500852	
Ratchet adapter for IT V	IT ITV	500854	
Torx instrument	TT 1.25	425105	
Cortical countersink 3.3	CSBL 3.3	900576	
Cortical countersink 4.1	CSBL 4.1	900577	
Cortical countersink 4.8	CSBL 4.8	900578	
Pilot drill	DS 2.0	425001	
Form drill	DBL 2.8	900570	
Form drill	DBL 3.5	900571	
Form drill	DBL 4.0	900572	
Тар	TAP BLP 3.3	900579	
Тар	TAP BLP 4.1	900580	
Тар	TAP BLP 4.8	900581	
Torque wrench	TW2	425402	
Starter tray empty		60045-K	upon request
Starter tray with content		S60045-K	upon request

INSTRUMENT TRAY



Description	Code	REF	Price €
Pilot drill	DS 2	425001	
Form drill	DBL 2.8	900570	
Form drill	DBL 3.5	900571	
Form drill	DBL 4.0	900572	
Standardized probe	PDG	425400	
Standardized probe	PDG	425400	
Standardized probe	PDG	425400	
Cortical countersink 3.3	CSBL 3.3	900576	
Cortical countersink 4.1	CSBL 4.1	900577	
Cortical countersink 4.8	CSBL 4.8	900578	
Тар	TAP BLP 3.3	900579	
Тар	TAP BLP 4.1	900580	
Тар	TAP BLP 4.8	900581	
Ratchet adapter for IT V	ITITV	500854	
Adapter contra-angle short	ITV S	500851	
Adapter contra-angle medium	ITV M	500853	
Adapter contra-angle long	ITV L	500852	
Universal adapter	UAW	425107	
Punch	PUW 1	425404	
Torx instrument	TT 1.25	425105	
Drill extension	DX 2	500704	
Torque wrench	TW2	425402	
Instrument tray empty		60018-K	upon request
Instrument tray with content		S60018-K	upon request



(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.

We are certified DIN EN ISO 13485, and annex II of EEC Directive 93/42 EWG (2007).

Product dimension described in this brochure may differ from reality for technical reasons.

Bone Level Plus® implants are protected by patents. Bone Level Plus® is a registered trademark.

In case that implants would be reprocessed (cleaned, resterilized) infections could occur, because no validated procedures for reprocessing are available.

Compilation and clarification of symbols on the pack:



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



Safely anti-rotational thanks to its internal precision square

Cone technology for a tight seal

Universally suitable for fixed and removable prosthodontics

The cone centers the abutment and provides 100% tightness

IHDEDENTAL ?

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