ONEWAY
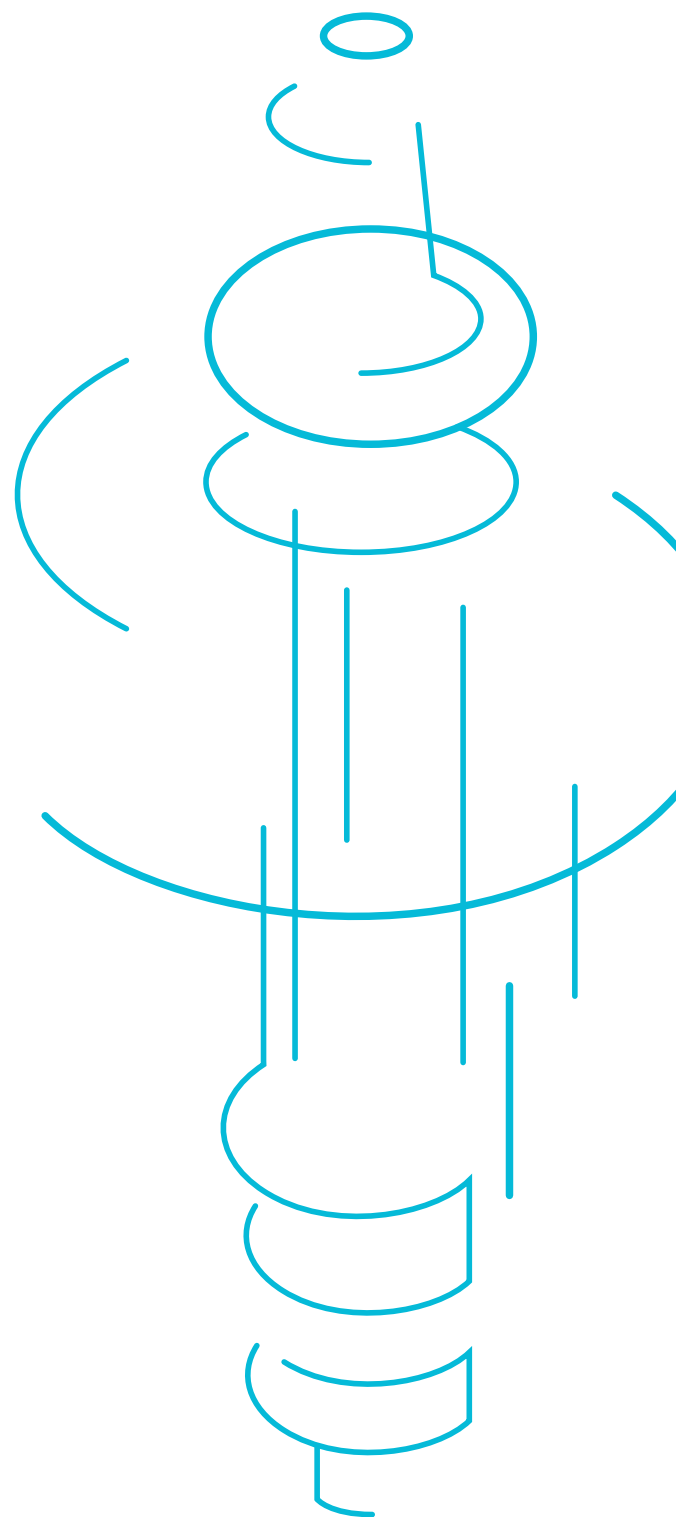# BIOMED

IMMEDIATE LOADING single part implants

DENTAL IMPLANT SYSTEM GPG® AND GPG® uno

SYMBOLS FOR IMPLANT PROPERTIES AND PROSTHETIC SOLUTIONS

Small Abutment Head

Large Abutment Head

Ball Abutment

Localicer® Abutment

Multi-Unit Abutment

Micro Thread

Bendable

Apical Wide Thread

For Screw-in Prosthetics

For Cemented Prosthetics

ONEWAY
BIOMED

THE ADVANTAGES

OF THE ENDOSSEOUS DENTAL IMPLANT SYSTEM **GPG**®

GPG® implants provide a sharp and cutting crestal thread, which engages in to the corticals of the extraction sockets. The apical compression thread provides perfect stability both in compressed spongious as well as in cortical bone. A wide range of abutments is available.

GPG® implants may be used both in extraction sockets and in healed bone areals. They are used for circular bridges and segments. Under adequate loading conditions and if an excellent primary stability is achieved, the treatment can be performed in an immediate load protocol. **GPG**® implants are not designed for single implant reconstruction. **GPG**® implants can be used in combination with other compression screw implants (e.g. GCS®) as the basis of fixed prosthetics.

The prescribed or recommended tightening torques for implants, abutments and screws can be found on our website:
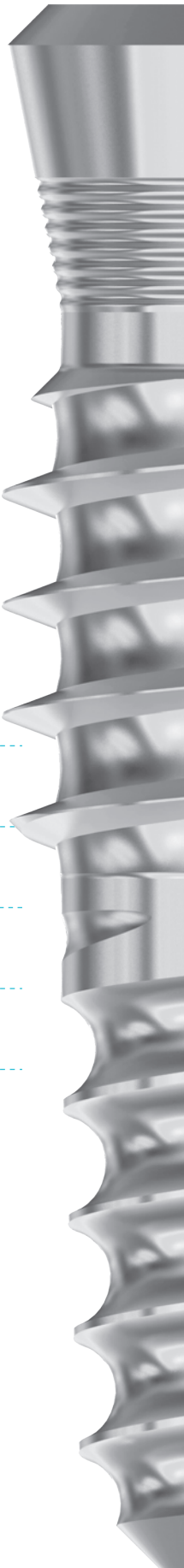
www.implant.com/en/downloads

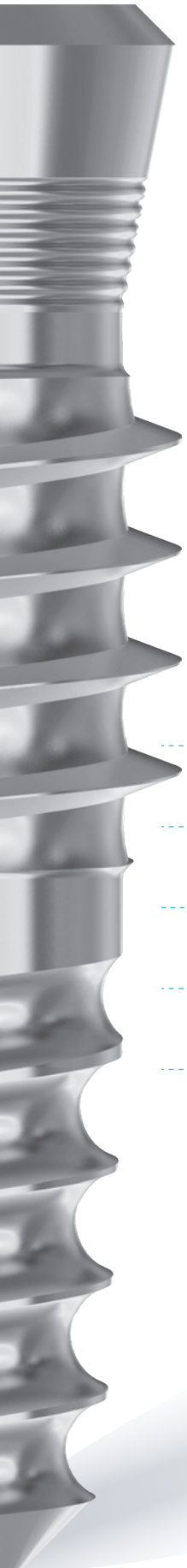Sharp and cutting
crestal thread

Apical
compression
thread provides
perfect stability

May be used
both in extraction
sockets and in healed
bone areas

Made of highly
resistant
titanium alloy

Smart
instrument tray

Wide range
of sizes:

Enossal length   8 - 23 mm
Enossal Ø   4.8 mm

Wide range
of optional
abutments

Straight   15°   20°   25°

Used for
circular bridges
and segments

Can be used in
combination with
other compression
screw implants

Extremely
resistant
against bacte-
rial colonialization/
periimplantitis
due to polished
surface

GPG® IMPLANTS

Polished, material TI6AL4V *. 8° internal conical connection.

Description	Max. Ø	Enossal Ø	Enossal length	Height above bone	REF	Price cat.
GPG 4.1 8	4.95 mm	4.8 mm	8 mm	1.8 mm	**BM4080**	**K**
GPG 4.1 10	4.95 mm	4.8 mm	10 mm	1.8 mm	**BM4081**	**K**
GPG 4.1 12	4.95 mm	4.8 mm	12 mm	1.8 mm	**BM4029**	**K**
GPG 4.1 15	4.95 mm	4.8 mm	15 mm	1.8 mm	**BM4025**	**K**
GPG 4.1 17	4.95 mm	4.8 mm	17 mm	1.8 mm	**BM4026**	**K**
GPG 4.1 19	4.95 mm	4.8 mm	19 mm	1.8 mm	**BM4027**	**K**
GPG 4.1 21	4.95 mm	4.8 mm	21 mm	1.8 mm	**BM4028**	**K**
GPG 4.1 23	4.95 mm	4.8 mm	23 mm	1.8 mm	**BM4024**	**K**

4.8 mm

1.8 mm

Inner cone

Enoss. length 8 - 23 mm

***Ti6AL4V ELI,** also called „Grade 5", is a purified version of the conventional 6/4 Ti-Alloy and is used for more than 50% of all human metallic implants. This material is the very first choice for all areas of application where high stability, corrosion resistance and mechanical resistance are important. That is why today most modern designs of dental implants are made from this material. This titanium alloy is superior to the alternative pure titanium used in terms of stability by more than 25%.
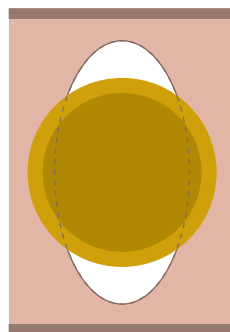
GPG® implants are delivered incl. OF5 STI abutment (BM4077)

GPG 4.1 8   GPG 4.1 10   GPG 4.1 12   GPG 4.1 15   GPG 4.1 17   GPG 4.1 19   GPG 4.1 21   GPG 4.1 23
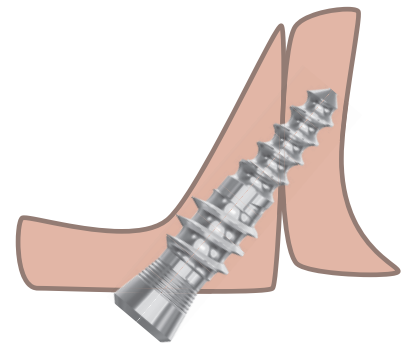
EXAMPLE FOR THE USE OF GPG® IMPLANTS

GPG® implants may be inserted into fresh extraction sockets with lateral and bi-cortical engagement.

View from top: **GPG**® implants may be inserted into fresh extraction. The voids in the extraction sockets may receive augmentation or fill with woven bone.

GPG® implants engaged in the distal maxilla and the pterygoid plate of the shenoid bone. In this indication this implant may be used for circular bridges and segments with at least three implants.

PLEASE NOTE Additional abutments, tools and accessories can be found in the GIO GCO GIW system application (REF 12-0007-05)

ABUTMENTS FOR **CEMENTED PROSTHETICS**

With conus, without anti-rotation.

Description	Code	REF	Price cat.
Straight, screw-in abutment with screw For cemented crowns and bridges Tighten with **TT 1.25**	TLA STI	BM6596	D
15° angled, screw-in abutment with screw For cemented crowns and bridges Tighten with **TT 1.25**	TLA15 STI	BM6597	E
20° angled, verschraubbares abutment with screw For cemented crowns and bridges Tighten with **TT 1.25**	TLA20 STI	BM6507	E
25° angled, verschraubbares abutment with screw For cemented crowns and bridges Tighten with **TT 1.25**	TLA25 STI	BM6508	E
One-piece abutment with solid thread, for cemented crowns or bridges, height above implant 6.0 mm, 8° incline. Can be shortened or trimmed. Flat on one side. Direct impression or transfer to lab analogue IA STI Tighten with **HT 1.25**.	TCA STI	BM6594	D

UCLA ABUTMENTS

Description	Code	REF	Price cat.
Castable abutment incl. screw **SF 215**, 10.5 mm high. For UCLA. Tighten with **HT 1.25**.	PA STI	BM4203	C

Use with impression post TSX STI (**REF**420411) and analogue IA STI (**REF**420347)

PLATFORM OFFSET ABUTMENTS

Description	Neck length	Code	REF	Price cat.
Plattform Offset abutment, with small head	1.8 mm	OF4 STI	BM4075	E
Insertion tool, Length 20 mm, for small head Tool: RAT 2, TW2		IT K	BM1336	D
Plattform Offset abutment, with large head	1.3 mm	OF5 STI	BM4077	E
Plattform Offset abutment, with large head Bendable	4 mm	OF5L STI	BM4078	E
Insertion tool, for large head Tool: RAT 2, TW2		IT2 GBC	BM2064	E

PLEASE NOTE Impression taking and laboratory accessories can be found in the **GCS® / GBC® system application**. With the abutment it is possible to make GPG® implants compatible with the GCS® / GBC® System.

HEATLESS® DRILLS FOR TPG® IMPLANTS

Surgical steel, colour-coded, depth-coded and autoclaveable. The drill is marked with laser depth markings.

-55% heat*

	Description	Colour	Max. working length	Code	REF	Price cat.
	BCD 1	yellow	15 mm	**BCD 1**	**BM2100**	C
	BCDX 1,	yellow	15 mm	**BCDX 1**	**BM2103**	C
	DOS 1 *	yellow	17 mm	**DOS 1**	**BM1330**	D
	DOS 2 *	black	17 mm	**DOS 2**	**BM1331**	D
	DOS 3 *	red	17 mm	**DOS 3**	**BM1332**	D
	Twist Drill 2.0/21, Ø 2.0 mm		21 mm	**Twist Drill 2.0/21**	**BM1370**	D
	Twist Drill 2.0/30, Ø 2.0 mm		30 mm	**Twist Drill 2.0/30**	**BM1361**	D

INSERTION TOOLS

	Description	Code	REF	Price cat.
	Insertion tool, 30 mm For contra-angle	**ITM GPG**	**BM4074**	F
	Insertion tool, short 12 mm	**IT1 GPG**	**BM4071**	F
	Insertion tool, medium 16 mm	**IT2 GPG**	**BM4072**	F
	Insertion tool, long 20 mm	**IT3 GPG**	**BM4073**	F
	Ratchet For all hex instruments and insertion tools	**RAT 2**	**BM1352**	K
	Torque wrench 10 - 70 Ncm.	**TW2**	**BM1356**	S

TOOLS FOR MANUAL INSERTION

For two part GPG®

	Description	Code	REF	Price cat.
	Engages in the internal trilobe inside the conus Must be used with max. 60 Ncm only If the bone is harder, IT1-3 GPG has to be used with RAT 2 or TW2	**Adapter GPG**	**BM4070**	**F**
	For machine reprocessing, cannot be dismantled. Clean in an ultrasonic bath at 45° with an alkaline cleaning agent. For adapter, self-locking.	**Handgrip**	**BM1360**	**V**

IMPRESSION TAKING AND **LABORATORY ACCESSORIES**

	Description	Code	REF	Price cat.
	Lab analogue With conus	**IA STI**	**BM6601**	**B**
	Transfer post Engages on the outer cone, 9 mm high Tighten with HT 1.25	**TS STI**	**BM6599**	**B**
	Transfer post Engages on the outer cone, 13 mm high Tighten with HT 1.25	**TSX STI**	**BM6600**	**B**
	Hex tool Length 21 mm, Ø 1.25 mm	**HT 1.25**	**BM3022**	**C**
	Hex tool extralong Length 45 mm, Ø 1.25 mm	**HTX 1.25**	**BM7764**	**C**
	Torx tool Length 21 mm, Ø 1.25 mm	**TT 1.25**	**BM3027**	**C**
	Synthetic base Castable, 7.4 mm high For TLA STI and TCA STI	**PS**	**BM6575**	**A**
	Synthetic base Castable, 4 mm high For TLA15 STI	**PS 15**	**BM6576**	**A**
	Synthetic base Castable, 4 mm high For TLA20 STI	**PS 20**	**BM6577**	**A**
	Synthetic base Castable, 4 mm high For TLA25 STI	**PS 25**	**BM6578**	**A**

INSTRUMENT TRAY

| Description	For System	Code	REF	Price €
Insertion tool	**GPG**® and **GPG**® **uno**	IT2 GBC	BM2064	
Insertion tool, length 20 mm	**GPG**® and **GPG**® **uno**	IT K	BM1336	
Hex instrument, long	**GPG**®	HT 1.25	BM3022	
Pathfinder drill	**GPG**® and **GPG**® **uno**	BCD 1	BM2100	
Pathfinder drill	**GPG**® and **GPG**® **uno**	BCDX 1	BM2103	
Heatless drill for implants with conical core	**GPG**® and **GPG**® **uno**	DOS 1	BM1330	
Heatless drill for implants with conical core	**GPG**® and **GPG**® **uno**	DOS 2	BM1331	
Heatless drill for implants with conical core	**GPG**® and **GPG**® **uno**	DOS 3	BM1332	
Countersink heads	**GPG**®	DRA 4.1 CS	BM1379	
Standardized probe	**GPG**®	PDG	BM1350	
Twist drill	**GPG**®	Twist Drill 2.0	BM1370	
Insertion tool, short 12 mm	**GPG**®	IT1 GPG	BM4071	
Insertion tool, medium 16 mm	**GPG**®	IT2 GPG	BM4072	
Insertion tool, long 20 mm	**GPG**®	IT3 GPG	BM4073	
Insertion tool for contra-angle, 30 mm	**GPG**®	ITM GPG	BM4074	
Ratchet for all hex instruments and insertion tools	**GPG**® and **GPG**® **uno**	RAT 2	BM1352	
Instrument tray with content			BM6499	upon request

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

SINGLE AND TWO PIECE
DENTAL IMPLANT SYSTEM
GPG® & GPG® uno
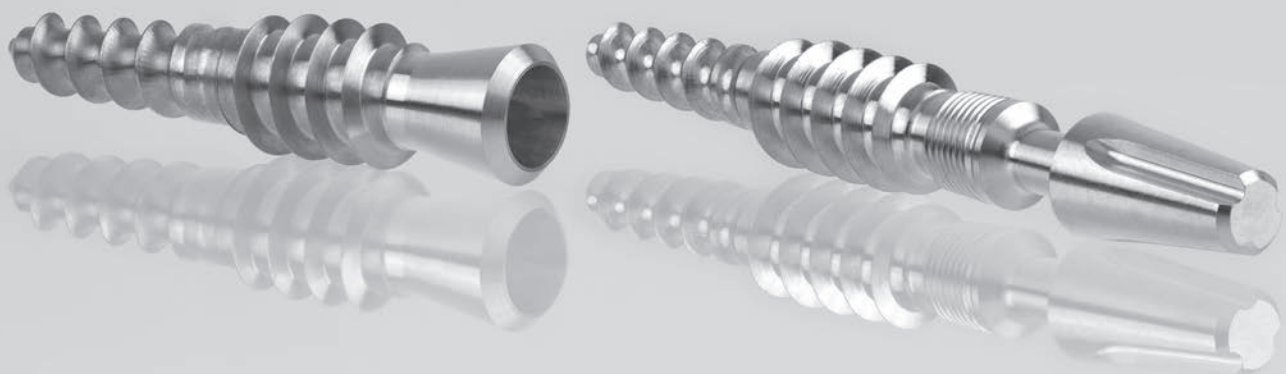
THE ADVANTAGES

OF THE ENDOSSEOUS DENTAL IMPLANT SYSTEM **GPG® uno**

GPG® uno implants provide a sharp and cutting central thread part, which engages in to the corticals of the extraction sockets. The apical compression thread provides perfect stability both in compressed spongious and in cortical bone. The coronal micro-thread seals the 1st cortical if the implant is used in healed bone areas. **GPG® uno** implants may be used both in extraction sockets and in healed bone areas. They are used for circular bridges and segments. Under adequate loading conditions and if enough implants are splinted, the treatment can be performed in an immediate load protocol. Due to their polished surface, **GPG® uno** implants are extremely resistant against bacterial colonialization and they avoid periimplantitis. **GPG® uno** implants are not designed for single implant reconstruction.

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

www.implant.com/en/downloads

Sharp and cutting crestal thread

Apical compression thread provides perfect stability

May be used both in extraction sockets and in healed bone areals

Made of highly resistant titanium alloy

Extremely resistant against bacterial colonialization/ periimplantitis due to polished surface

Bendable up to 15°

Wide range
of sizes:

GPG® uno

GPG® uno
implants are
delivered incl.
lab-set:

Enossal length   12 - 29 mm
Enossal Ø   3.5, 4.1 mm

GPG® **uno** IMPLANTS

Polished surface and triple thread, Material TI6AL4V ELI.

		Description	Max. Ø	Max. enoss. Ø mm	Enossal length	REF	Price cat.
GPG uno 3.5 15		GPG uno 3.5 12	4.25 mm	3.5	12	**BM4100**	**K**
		GPG uno 3.5 15	4.25 mm	3.5	15	**BM4101**	**K**
		GPG uno 3.5 17	4.25 mm	3.5	17	**BM4102**	**K**
		GPG uno 3.5 19	4.25 mm	3.5	19	**BM4103**	**K**
GPG uno 3.5 17		GPG uno 3.5 21	4.25 mm	3.5	21	**BM4104**	**K**
		GPG uno 3.5 23	4.25 mm	3.5	23	**BM4105**	**K**
		GPG uno 3.5 26	4.25 mm	3.5	26	**BM4106**	**K**
		GPG uno 3.5 29	4.25 mm	3.5	29	**BM4107**	**K**
GPG uno 4.1 15		GPG uno 4.1 12	4.95 mm	4.1	12	**BM4110**	**K**
		GPG uno 4.1 15	4.95 mm	4.1	15	**BM4111**	**K**
		GPG uno 4.1 17	4.95 mm	4.1	17	**BM4112**	**K**
		GPG uno 4.1 19	4.95 mm	4.1	19	**BM4113**	**K**
GPG uno 4.1 17		GPG uno 4.1 21	4.95 mm	4.1	21	**BM4114**	**K**
		GPG uno 4.1 23	4.95 mm	4.1	23	**BM4115**	**K**

INCLUSIVE

GPG® **uno** implants are delivered incl. lab-set REF 462353, consisting of

Double analogue, plastic
IA4/IAU
BM5118

Impression post castable, internally edged, for large head
PA X
BM1429

Impression post castable, internally round, for small head
TSPA 4
BM1394

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

Dimensionen for all GPG uno

Neck height	3.5 mm
Neck Ø	2 mm (bendable up to 15°)
Abutment	3.9 B x 7.2 H (mm)

Cemented   Large Head   Micro Thread   Wide Thread

GPG® uno SH IMPLANTS

Polished surface and triple thread, Material TI6AL4V ELI.

GPG Uno 3.5 15 SH

Description	Max. Ø	Max. enoss. Ø mm	Enossal length	REF	Price cat.
GPG Uno 3.5 12 SH	4.95 mm	3.5	12	**420170**	**K**
GPG Uno 3.5 15 SH	4.95 mm	3.5	15	**420171**	**K**
GPG Uno 3.5 17 SH	4.95 mm	3.5	17	**420172**	**K**
GPG Uno 3.5 19 SH	4.95 mm	3.5	19	**420173**	**K**
GPG Uno 3.5 21 SH	4.95 mm	3.5	21	**420174**	**K**
GPG Uno 3.5 23 SH	4.95 mm	3.5	23	**420175**	**K**
GPG Uno 3.5 26 SH	4.95 mm	3.5	26	**420176**	**K**
GPG Uno 3.5 29 SH	4.95 mm	3.5	29	**420177**	**K**

INCLUSIVE

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

Double analogue, plastic
IA4/IAU
BM5118

Impression post castable, internally edged, for large head
PA X
BM1429

Impression post castable, internally round, for small head
TSPA 4
BM1394

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

Dimensionen for all GPG uno SH

Neck height	3.5 mm
Neck Ø	2 mm (bendable up to 15°)
Abutment	3.9 B x 7.2 H (mm)

Cemented   Small Head   Micro Thread   Wide Thread

INSERTION TOOL

For single-piece GPG® uno

Description	Code	REF	Price cat.
Adapter for implants with large head For handgrip 311431	**AHB**	**BM2063**	**F**
Insertion tool short, for large head Use with RAT 2 and TW2 Length 7 mm	**IT2 S GBC**	**BM2110**	**E**
Insertion tool medium, for large head Use with RAT 2 and TW2 Length 19 mm	**IT2 GBC**	**BM2064**	**E**
Insertion tool, for large head Use with contra-angle Length 23 mm	**IT2W**	**BM3339**	**E**
Torque wrench 10 - 70 Ncm	**TW2**	**BM1356**	**S**
Ratchet for all hex instruments and insertion tools	**RAT 2**	**BM1352**	**K**

IMPRESSION TAKING AND LABORATORY ACCESSORIES

Description	Unit	Code	REF	Price cat.
Titanium cap, radio opaque Ti6Al4V, weldable		**MA5**	**BM6025**	**B**
Impression post castable, POM Internally round	Pack of 5	**TSPA 5**	**BM1393**	**B**
Castable abutment For large head Internally round	Pack of 5	**POB**	**BM5121**	**B**
Double analogue, plastic For large and small head	Pack of 5	**IA4/IAU**	**BM5118**	**B**
Double analogue, metal For large and small head	1 piece	**IA4/IAU**	**BM5119**	**A**

HEATLESS® DRILSL FOR GPG® UNO IMPLANTS

Surgical steel, colour-coded, depth-coded and autoclaveable. The drill is marked with laser depth markings.
Use between 3,000 and 5,000 rpm with good cooling and intermittent drill technique.
Due to the extremely high cutting performance, you can work without pressure.

-55% heat*

	Description	Colour	Max. working length	Code	REF	Price cat.
	DOS 1 *	yellow	17 mm	**DOS 1**	**BM1330**	**D**
	DOS 2 *	black	17 mm	**DOS 2**	**BM1331**	**D**
	DOS 3 *	red	17 mm	**DOS 3**	**BM1332**	**D**
	BCDX 1	yellow	15 mm	**BCDX 1**	**BM2103**	**C**
	BCDX 2	black	15 mm	**BCDX 2**	**BM2104**	**C**
	Twist Drill 2.0/21, Ø 2.0 mm		21 mm	**Twist Drill 2.0/21**	**BM1370**	**D**
	Twist Drill 2.0/30, Ø 2.0 mm		30 mm	**Twist Drill 2.0/30**	**BM1361**	**D**

DRILLS FOR THE PREPARATION OF THE 1ST CORTICALIS

	Description		Code	REF	Price cat.
	C-Drill KM1 3.0 - 3.2	Cortical milling	**C-Drill KM1**	**BM1071**	**E**
	C-Drill KM2 3.7 - 4.1	Cortical milling	**C-Drill KM2**	**BM1072**	**E**
	C-Drill KM3 5.0	Cortical milling	**C-Drill KM3**	**BM1073**	**E**

PROFESSIONAL KIT GPG® uno

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

Description	Suitable for implant size	REF	Price cat.
Professional Kit GPG® uno 3.5 / 4.1	GPG® uno 3.5 / 4.1	**BM2500**	**R**

Quick and easy check of implant legths thanks to the measurement chart

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We are certified DIN EN ISO 13485, and annex II of EEC Directive 93/42 EWG (2007).
Due to technical reasons the product dimensions shown in this brochure might deviate from reality.
GPG® and GPG® uno are registered trademarks.
In case that implants would be reprocessed (cleaned, resterilized) infections could occur,
because no validated procedures for reprocessing are available.

(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.

Compilation and explanation of symbols on the packaging:

LOT	STERILE R	NON STERILE	Rx ONLY	(single use symbol)	(instruction symbol)	(expiry symbol)
Batch No.	Sterilized by gamma radiation	Non-sterile	Intended for use by dentists or surgeons only	Single use product	Instruction for use	Expiry date

(umbrella symbol)	(lock symbol)	(do not use if damaged symbol)	STERILIZE	(manufacturer symbol)	(production date symbol)	REF
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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