SYSTEM APPLICATION

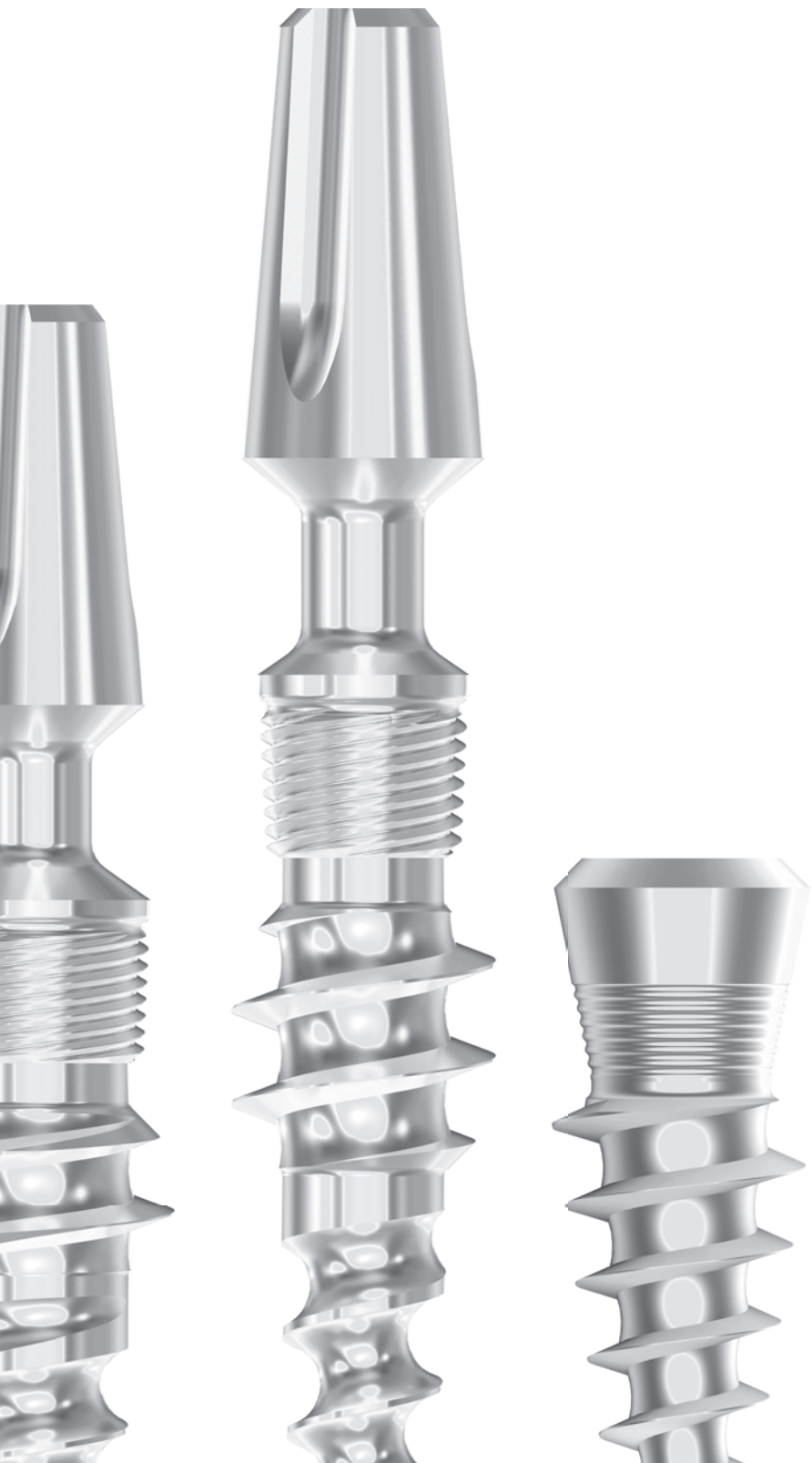**TPG**® AND   **TPG**® uno

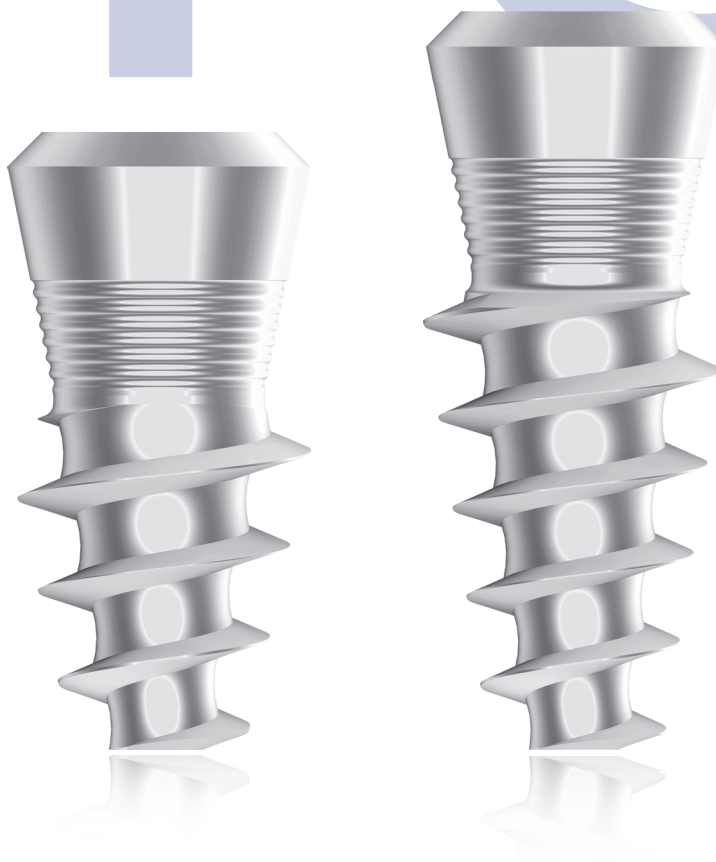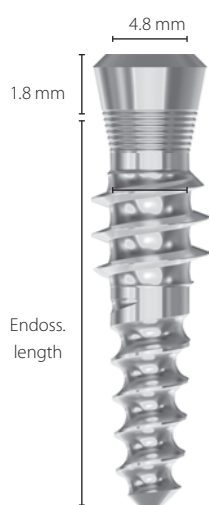# IMMEDIATE LOADING
DENTAL IMPLANT SYSTEM

SIMPLADENT®

TPG®

TPG® 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 and in cortical bone. A large variety of abutments is available. **TPG®** implants may be used both in extraction sockets and in healed bone areals. They are used for circular bridges, segments, and single tooth replacement. Under adequate loading conditions and if good primary stability is given, the treatment may be performed in an immediate load protocol. **TPG®** implants are not indicated for single tooth replacements, except if two or more implants provide antirotation for the implant-to-prosthetic construction when replacing one tooth. **TPG®** implants may be used in combination with other compression screw implants (e.g. KOC®) as a base for fixed prosthetics.

TPG® IMPLANTS II POLISHED, MATERIAL TI6AL4V *

4.8 mm

1.8 mm

Endoss. length

Description	Max. Ø	Endosseous Ø	Endosseous length	Height above bone	REF	Price cat.
TPG 4.1 8	4.95 mm	4.8 mm	8 mm	1.8 mm	13-420106	K
TPG 4.1 10	4.95 mm	4.8 mm	10 mm	1.8 mm	13-420107	K
TPG 4.1 12	4.95 mm	4.8 mm	12 mm	1.8 mm	13-420104	K
TPG 4.1 15	4.95 mm	4.8 mm	15 mm	1.8 mm	13-420100	K
TPG 4.1 17	4.95 mm	4.8 mm	17 mm	1.8 mm	13-420101	K
TPG 4.1 19	4.95 mm	4.8 mm	19 mm	1.8 mm	13-420102	K
TPG 4.1 21	4.95 mm	4.8 mm	21 mm	1.8 mm	13-420103	K
TPG 4.1 23	4.95 mm	4.8 mm	23 mm	1.8 mm	13-420105	K

Internal Cone Connection
8 degr.

All **TPG®** implants are delivered incl. OF5 STI abutment (**REF** 13-420426)

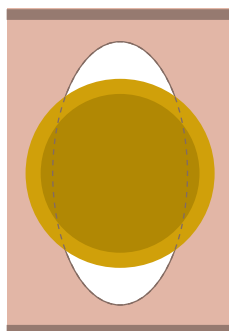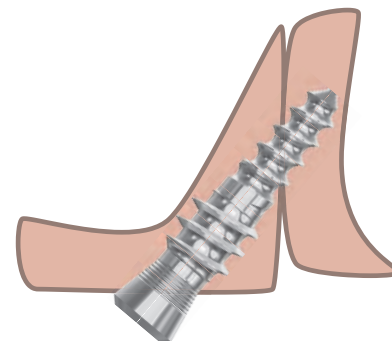TPG 4.1 8   TPG 4.1 10   TPG 4.1 12   TPG 4.1 15   TPG 4.1 17   TPG 4.1 19   TPG 4.1 21   TPG 4.1 23

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

EXAMPLE FOR THE USE OF **TPG®** IMPLANTS

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

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

TPG® implant 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 3 implants.

Please note: Additional abutments, tools and accessories can be found in the Simpladent® **Two-Part** system application (**REF 13-0004-05**)

ABUTMENTS FOR CEMENTED PROSTHETICS II WITH CONUS, WITHOUT ANTI-ROTATION

	Description	Code	REF	Price cat.
	Straight, screw-in abutment with pre-assembled screw for cemented crowns or bridges. Tighten with **TT 1.25**.	TLA STI	13-425110	D
	15°angled, screw-in abutment with pre-assembled screw for cemented crowns or bridges. Tighten with **TT 1.25**.	TLA 15 STI	13-425111	E
	20°angled, screw-in abutment with pre-assembled screw for cemented crowns or bridges. Tighten with **TT 1.25**.	TLA 20 STI	13-425112	E
	25°angled, screw-in abutment with pre-assembled screw for cemented crowns or bridges. Tighten with **TT 1.25**.	TLA 25 STI	13-425113	E
	One-piece abutment with solid thread, for cemented crowns or bridges, height above implant 6.5 mm, 8°incline. Can be shortened or trimmed. Flat on one side. Direct impression or transfer to lab analog IA STI. Tighten with **HT 1.25**.	TCA STI	13-420313	D

UCLA ABUTMENTS

	Description	Code	REF	Price cat.
	Castable abutment incl. **SF 215** replacement screw, 10.5 mm high. For ULCA. Tighten with **HT 1.25**.	PA STI	13-420358	C

Use with impression post TSX STI (**REF**13-420411) and analog IA STI (**REF**13-420347)

PLATFORM OFFSET ABUTMENTS

	Description	Neck	Code	REF	Price cat.
	Platform offset abutment. Tool: IT K (**REF** 13-462320)*	1.5 mm	OF 4 STI	13-420424 *	E
	Platform offset abutment, large head.	1.3 mm	OF 5 STI	13-420426	E
	Platform offset abutment, large head.	4 mm	OF 5L STI	13-420427	E
	Insertion tool, length 20 mm. Tool: RAT, RAT2, TW2		IT K	13-462320	C
	Insertion tool for large head		IT2 BCS	13-900030	E

* Laboratory accessories can be found in the Simpladent **Single-Piece** system application (**REF 13-0003-05**)

SIMPLADENT®

HEATLESS® DRILLS „DOS" FOR **TPG®** IMPLANTS

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

-55%
heat

Description	max. working length	Code	REF	Price cat.
BCD 1, yellow	15 mm	BCD 1	13-900240	C
BCDX 1, yellow	15 mm	BCDX 1	13-900243	C
DOS 1, yellow	17 mm	DOS 1	455311	D
DOS 2, black	17 mm	DOS 2	455312	D
DOS 3, red	17 mm	DOS 3	455313	D
Twist Drill 2.0 / 21, Ø 2.0 mm	21 mm	Twist Drill 2.0	13-90022	D
Countersink head, for implant-Ø 4.1 mm		DRA 4.1 CS	13-425047	D

CORTICAL MILLING

Description		Code	REF	Price cat.
C-Drill KM1 3.0 - 3.2	Cortical milling	C-Drill KM1	13-455300	E
C-Drill KM2 3.7 - 4.1	Cortical milling	C-Drill KM2	13-455301	E
C-Drill KM3 5.0	Cortical milling	C-Drill KM3	13-455302	E

INSERTION TOOLS FOR RATCHET

Description	Code	REF	Price cat.
Insertion tool, short 12 mm	IT1 TPG	13-425116	K
Insertion tool, medium 16 mm	IT2 TPG	13-425117	K
Insertion tool, long 20 mm	IT3 TPG	13-425118	K
Insertion tool for contra-angle, 30 mm	ITM TPG	13-425119	B
Ratchet, for all Hex tools and insertion tools	RAT 2	13-425051	K
Torque wrench 10 - 70 Ncm. **It is recommended to have the torque ratchets recalibrated by us once a year.**	TW2	13-425402	S

TOOLS FOR MANUAL INSERTION

For two part TPG®

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 TPG has to be used with RAT 2 or TW2.	Adapter TPG	13-425106	D
Adapter short, for large head	AA5 15°	13-462052	C
Adapter short, for large head	AA5 25°	13-462053	C
Handgrip, not demountable. Cleaning in ultrasonic bath at 45°, with alkaline cleansing medium. For adapters, self-locking.	Handgrip	13-311431	V

AA5 15°
AA5 25°

IMPRESSION AND LABORATORY ACCESSORIES

Description	Code	REF	Price cat.
Lab analog, with cone	IA STI	13-420347	B
Transfer post, engages on the outer cone, 9 mm high Tighten with HT 1.25	TS STI	13-420345	B
Transfer post, engages on the outer cone, 13 mm high Tighten with HT 1.25	TSX STI	13-420411	B
Hex tool. Length 21 mm, Ø 1.25 mm	HT 1.25	13-425100	C
Hex tool extra long. Length 45 mm, Ø 1.25 mm	HTX 1.25	13-425102	C
Torx tool. Length 21 mm, Ø 1.25 mm	TT 1.25	13-425105	C
Synthetic base castable, 7.4 mm high. For TLA STI and TCA STI	PS	13-420354	A
Synthetic base castable, 4 mm high. For TLA15 STI	PS 15	13-420355	A
Synthetic base castable, 4 mm high. For TLA20 STI	PS 20	13-420356	A
Synthetic base castable, 4 mm high. For TLA25 STI	PS 25	13-420357	A

SIMPLADENT®

TPG® AND TPG® UNO SMALL TRAY

Size of closed tray
W 110 mm **L** 110 mm **H** 60 mm
for all autoclaves

Autoclaveable up to 134 °C, not suitable for dry heat sterilizers.
Contains all drills and tools for first works with the **TPG®** system.
Material: autoclaveable plastic

Description	For system	Code	REF	Price €
Insertion tool	**TPG®** & **TPG® uno**	IT2 BCS	13-900030	
Insertion tool, length 20 mm	**TPG®** & **TPG® uno**	IT K	13-462320	
Hex instrument, long	**TPG®**	HT 1.25	13-425100	
Pathfinder drill	**TPG®** & **TPG® uno**	BCD 1	13-900240	
Pathfinder drill	**TPG®** & **TPG® uno**	BCDX 1	13-900243	
Heatless drill for implants with conical core	**TPG®** & **TPG® uno**	DOS 2	13-455312	
Heatless drill for implants with conical core	**TPG®**	DOS 4	13-455314	
Heatless drill for implants with conical core	**TPG®**	DOS 5	13-455315	
Countersink heads	**TPG®**	DRA 4.1 CS	13-425047	
Standardized probe	**TPG®**	PDG	13-425400	
Twist drill	**TPG®**	Twist Drill 2.0	13-90022	
Insertion tool, short 12 mm	**TPG®**	IT1 TPG	13-425116	
Insertion tool, medium 16 mm	**TPG®**	IT2 TPG	13-425117	
Insertion tool, long 20 mm	**TPG®**	IT3 TPG	13-425118	
Insertion tool for contra-angle, 30 mm	**TPG®**	ITM TPG	13-425119	
Ratchet for all Hex tools and insertion tools	**TPG®** & **TPG® uno**	RAT 2	13-425051	
Small tray with **TPG®** content			13-60047-K	upon request
Small tray with **TPG® uno** content			13-60047-K	upon request
optional Adapter TPG for handgrip			13-425106	D
optional Adapter TPG for abutments OF5 STI, OF 5L STI			13-310530	D
optional Handgrip for adapters, self-locking			13-311431	V
Small tray **with adapter** and **handgrip**			13-60047-K	upon request

TPG® uno

TPG® uno 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 and in the 2nd cortical. **TPG® uno** 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.

Due to their polished surface, **TPG®** and **TPG® uno** implants are extremely resistant against bacterial colonialization and peri-implantitis. **TPG®** and **TPG® uno** implants are not designed for single implant reconstruction.

SIMPLADENT®

TPG® uno IMPLANTS II POLISHED SURFACE, MATERIAL TI6AL4V ELI, TRIPLE THREAD

	Description	Max. Ø	Max. endoss. Ø mm	Endosseous length	REF	Price cat.
TPG Uno 3.5 15	TPG Uno 3.5 12	4.25 mm	3.5	12	**13-420120**	**K**
	TPG Uno 3.5 15	4.25 mm	3.5	15	**13-420121**	**K**
	TPG Uno 3.5 17	4.25 mm	3.5	17	**13-420122**	**K**
	TPG Uno 3.5 19	4.25 mm	3.5	19	**13-420123**	**K**
TPG Uno 3.5 17	TPG Uno 3.5 21	4.25 mm	3.5	21	**13-420124**	**K**
	TPG Uno 3.5 23	4.25 mm	3.5	23	**13-420125**	**K**
	TPG Uno 3.5 26	4.25 mm	3.5	26	**13-420126**	**K**
	TPG Uno 3.5 29	4.25 mm	3.5	29	**13-420127**	**K**
TPG Uno 4.1 15	TPG Uno 4.1 12	4.95 mm	4.1	12	**13-420130**	**K**
	TPG Uno 4.1 15	4.95 mm	4.1	15	**13-420131**	**K**
	TPG Uno 4.1 17	4.95 mm	4.1	17	**13-420132**	**K**
	TPG Uno 4.1 19	4.95 mm	4.1	19	**13-420133**	**K**
TPG Uno 4.1 17	TPG Uno 4.1 21	4.95 mm	4.1	21	**13-420134**	**K**
	TPG Uno 4.1 23	4.95 mm	4.1	23	**13-420135**	**K**
TPG Uno 3.5 15 SH	TPG Uno 3.5 12 SH	4.95 mm	3.5	12	**13-420170**	**K**
	TPG Uno 3.5 15 SH	4.95 mm	3.5	15	**13-420171**	**K**
	TPG Uno 3.5 17 SH	4.95 mm	3.5	17	**13-420172**	**K**
	TPG Uno 3.5 19 SH	4.95 mm	3.5	19	**13-420173**	**K**
	TPG Uno 3.5 21 SH	4.95 mm	3.5	21	**13-420174**	**K**
	TPG Uno 3.5 23 SH	4.95 mm	3.5	23	**13-420175**	**K**
	TPG Uno 3.5 26 SH	4.95 mm	3.5	26	**13-420176**	**K**
	TPG Uno 3.5 29 SH	4.95 mm	3.5	29	**13-420177**	**K**

Dimensions for all TPG uno

Neck height	3.8 mm
Neck diameter	2 mm (bendable up to 15°)
Abutment	3.9 w x 7.2 h (mm)

TPG® uno implants are delivered **incl. lab-set REF 13-462353** consisting of

Double analogue, plastic
IA4/IAU
13-462111

Impression post castable, internally edged
PA X
13-462136

Impression post castable, internally round
TSPA 4
13-462029

INSERTION TOOL

For single-piece TPG® uno

Description	Code	REF	Price cat.
Adapter, for handgrips **REF**13-311430 & **REF**13-311431	**Adapter Wst**	**13-310530**	D
Insertion tool short, for large head. Use with RAT2 and TW2. Length 7 mm	IT2 S BCS	13-900038	E
Insertion tool medium, for large head. Use with RAT2 and TW2. Length 19 mm	IT2 BCS	13-900030	E
Insertion tool for large head. Use with angle piece. Length 23 mm	IT2W	13-900039	C
Torque wrench 10 - 70 Ncm. **It is recommended to have the torque ratchets recalibrated by us once a year.**	TW2	13-425402	S
Ratchet for all hex instruments and insertion tools	RAT2	13-425051	K

IMPRESSION TAKING AND LABORATORY ACCESSORIES

Description	Code	REF	Price cat.
Titanium cap, radio opaque Ti6Al4V, weldable	MA5	13-462093	B
Impression post castable, POM Internally round. Pack of 5	TSPA 5	13-462030	B
Castable abutment Pack of 5	POB	13-462086	B
Double analog, plastic Pack of 5	IA4/IAU	13-462111	B
Double analog, metal	IA4/IAU	462112	A

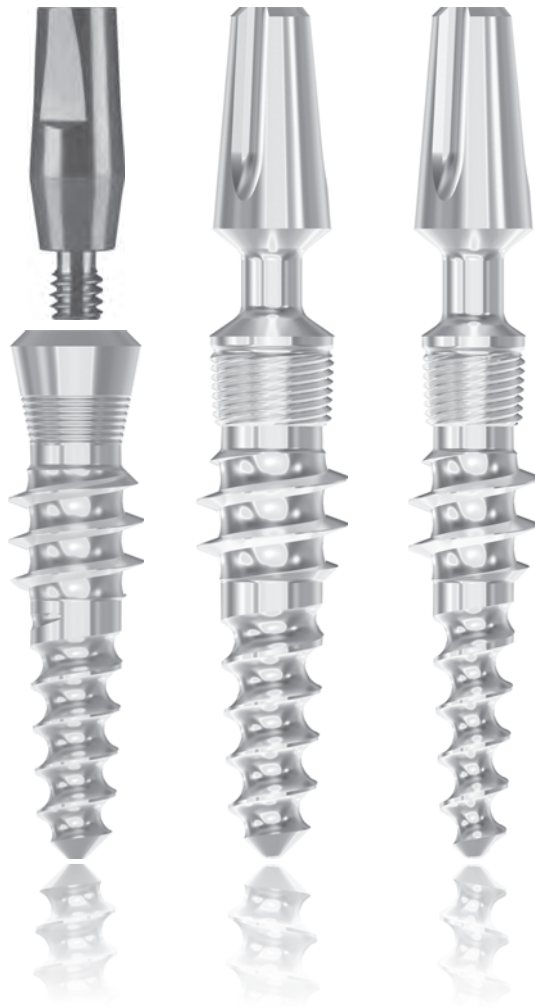## HEATLESS® DRILLS **DOS** FOR IMPLANTS WITH CONICAL CORE

Surgical steel, color-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	13-455311	D
	DOS 2	black	17 mm	DOS 2	13-455312	D
	DOS 3	red	17 mm	DOS 3	13-455313	D
	BCDX 1	yellow	15 mm	BCDX 1	13-900243	C
	BCDX 2	black	15 mm	BCDX 2	13-900244	C

DRILLS FOR THE PREPARATION OF THE 1ST CORTICAL

	Description		Code	REF	Price cat.
	C-Drill KM1 3.0 - 3.2	Cortical milling	C-Drill KM1	13-455300	E
	C-Drill KM2 3.7 - 4.1	Cortical milling	C-Drill KM2	13-455301	E
	C-Drill KM3 5.0	Cortical milling	C-Drill KM3	13-455302	E

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

The relative dimensions of parts on the pictures in this prospectus may differ from the reality (for technical reasons, or because items may have been further developed).

TPG® is a registered trade-mark. If implants are cleaned and re-sterilized in the dental office, the danger of creating infections is immanent, because in a dental office no processes for validated cleaning 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	REF	NON STERILE	Rx ONLY	⊘2	📖i	⧗
Batch No.	Sterilized by radiation	Catalogue number	Nonsterile	Intended for use by dentists or surgeons only	Single use product	Instruction for use	Expiry date

☂	🔒	⊘	⊘STERILIZE	Manufacturer symbol	Production date symbol
Store in a dry place	Store tightly keep closed	Do not use if packing is damaged	Do not re-sterilize	Manufacturer	Production date

SIMPLADENT®