myplant bio
Product Catalog

myplant BIO

Made in Germany

Implants inspired by biology

At **myplant GmbH**, we have made it our mission to provide patients and users with an implant system that offers the best possible conditions for long-term implant success with sustainable hard and soft tissue stability.

This goal, combined with an appealing aesthetic result, can only be achieved in harmony with biology. The implant system **myplant bio**, which is based on many years of clinical expertise and high development competence, therefore resonates with the boundary conditions set by nature. It achieves high soft tissue stability through subcrestal placement and ensures long-term protection against peri-implant diseases through a deep conical connection.

Titanium or ceramic? - Why not both?

Another advantage of **myplant bio** lies in the surface: thanks to a high-strength ceramic layer on the titanium of implant and abutment, the system has high tissue compatibility and offers excellent conditions for osseointegration. Thus, **myplant bio** combines the best of both worlds: The fatigue strength of titanium with the superior biocompatibility of ceramic materials.

Content

NOTE: Not all items contained in that catalog are available at all times and in each market.

Our ordering services

Order processing & hotline

Our order processing services and hotline are available for you at the following times:

Monday - Thursday	8:00 – 18:00 Uhr
Friday	8:00 – 16:00 Uhr

If your order is received during the following times, we guarantee that the goods will be dispatched on the same day:

Monday - Thursday	till 14:00 Uhr
Friday	till 13:00 Uhr

Delivery times & costs (Germany)

Standard delivery service

7,10 €	delivery time 1-3 working days

EXPRESS DELIVERY SERVICE

Delivery on the next working day

7,10 €*	next working day until 18:00 h
16,30 €*	till midday*[1]
21,50 €*	till 10:30 am*[1]
Public holiday	no delivery service

*The shipping costs stated do not include VAT

*[1] All stated delivery times are guidelines from our transport partner.

The stated delivery times are non-binding guidelines from our transport partners and may vary.

Right of return

- Only goods in their original packaging, in perfect condition and unopened
- Right of return within 30 days with copy of invoice (counted from the day of invoicing)

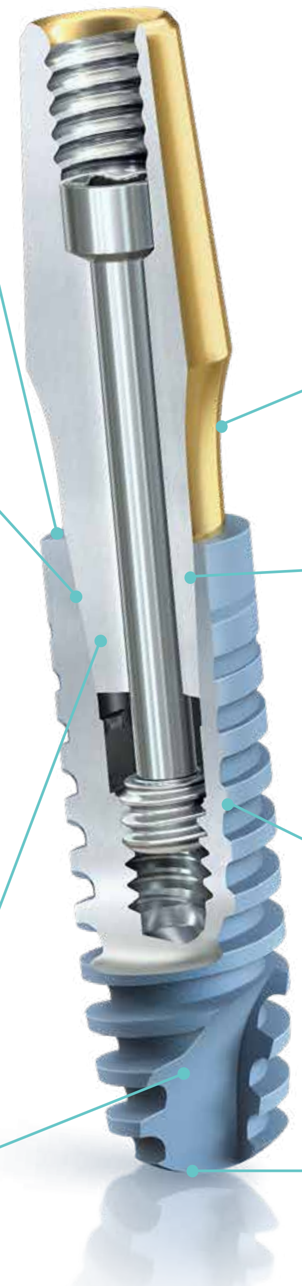
myplant bio at a glance

Most important system features

The implant system is based on design principles that have been tried and tested in clinical practice for decades: a progressive thread design and a virtually baketeria-tight, self-locking and rotation-stable conical connection between the implant and abutment. The abutment components are optionally available indexed and non-indexed.

Indexed prosthetic parts:

- **four abutment positions** available
- **easy positioning**
- **Control function of the thread** – the screw only engages after the abutment has reached its final position in the implant
- **zero tolerance** – optimized fit due to sophisticated tolerance concept for implant and abutment



Color coding

(red swatch)	Red	Implant diameter 3.5 mm
(orange swatch)	Orange	Implant diameter 4.0 mm
(yellow swatch)	Yellow	Implant diameter 4.5 mm

The implant variants can be distinguished by their diameter and length. The respective diameter is indicated by colour coding on the packaging. The digits after the number indicate the length of the implant in millimetres. The available diameters and lengths of all implants are summarised in the table below.

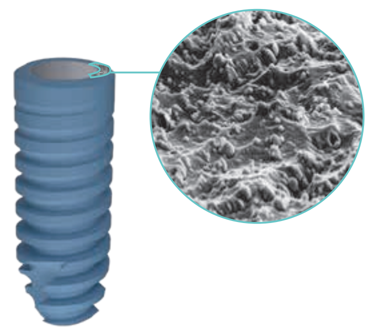
Ø [mm] \ L [mm]	6.6	8.0	9.5	11.0	14.0
3.5	K 3.5 6.6	K 3.5 8.0	K 3.5 9.5	K 3.5 11.0	K 3.5 14.0
4.0	K 4.0 6.6	K 4.0 8.0	K 4.0 9.5	K 4.0 11.0	K 4.0 14.0
4.5	K 4.5 6.6	K 4.5 8.0	K4.5 9.5	K4.5 11.0	K4.5 14.0

Implant and abutment surface

With myplant bio, myplant GmbH combines the tissue-friendly properties of a ceramic implant with the technical advantages of a titanium implant. In this process, the titanium abutment and implant are encased in a strong, biocompatible ceramic layer. The benefits of ceramic implant surfaces, with their exceptional tissue compatibility and biocompatibility, have been known about for many years and verified by numerous studies. Using a complex multi-phase high vacuum followed by a condensation process, an abrasion-resistant ceramic layer (Cerid®) is applied to the implant and a ceramic niobium layer (Niob) to the abutment section. This bioengineering process, which has undergone advanced development specifically for myplant bio dental implants, involves high-energy charging of atoms, which then penetrate deep into the surface of the titanium and thereby form the abrasion- and shear-resistant titanium/ceramic composite. The shear-resistant ceramic dioxide layer produced is approximately 4-7 micrometers thick. One of the special features of the high-strength Cerid® and niobium ceramic layer is its high biocompatibility, with an index of 1. It is well known that mucositis is frequently a prelude to peri-implantitis, resulting in implant loss. Both Cerid® and Niob exhibit the highest chemical stability of all materials used in medical applications. This all but rules out titanium corrosion involving destruction of the passivating protective titanium layer, as can occur in the acidic environment of inflammatory gingival changes.

Cerid®-coating on the enossal section

- High biological compatibility, as no titanium ions are released, nor are titanium particles abraded. This enables unhindered integration of hard and soft tissues.
- The biocompatibility index is 1. That means that the proteins on the surface retain 100% of their biochemical properties.
- Very well suited to all patient groups owing to the bioceramic coating. Can also be used in patients with titanium hypersensitivity.
- The implant suffers no particle abrasion as a result of mastication.
- Corrosion-free – whereas the corrosion rate of titanium rises in acidic environments, the Cerid® surface remains stable.
- The high-strength, nano-scale micro-roughness of the Cerid® surface ensures good bone apposition.



*This means that the proteins adsorbed on the surface retain 100% of their biochemical properties.

Niobium coating on the abutment

- The smooth Niob ceramic surface features antiplaque properties.
- Exceptional biocompatible characteristics mean that the gingival epithelial cells adhere firmly to the niobium-ceramic material.
- The surface remains unchanged even after many years of exposure.
- Biochemical and mechanical stability acting as a barrier in the transgingival region makes for an outstanding periodontal situation.
- Preventing titanium ions from being released into the tissue reduces the risk of inflammatory responses to titanium.
- As with other similarly coloured abutment coatings, the golden hue of the niobium coating, particularly in cases involving thin soft-tissue cuffs, exhibits a better colour index than conventional abutments and thus ensures natural and aesthetically pleasing appearance.

Thread design

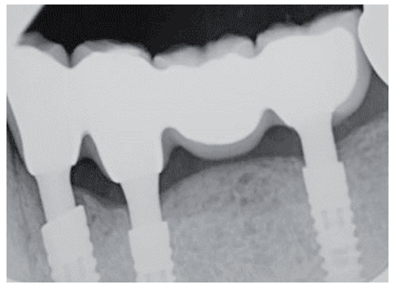
The progressive thread design of the implants leads to high primary stability, even with average bone qualities.

The depth of the thread increases apically, and the implant body is conical with an arched curvature of the thread flanks, resulting in a biomechanically favourable load distribution into the bones. Vertical and lateral forces that occur are transmitted primarily to the more elastic cancellous bone, taking the burden off the cortical bone, which is essential for the long-term preservation of the marginal bone level and the resultant appearance.

The preparation technique and the special thread design are tailored keeping the natural bone structure in mind and achieve high primary stability with maximum bone-implant contact even where bone quality is compromised.

Subcrestal placement

Unlike most implant systems, the myplant bio implant was developed specifically for subcrestal implantation. As a result, the crestal bone is able to grow over the shoulder of the implant thus promoting increased implant stability and biological support of the soft tissue. Further, an aesthetically optimized result can be achieved even at low gingival thicknesses.

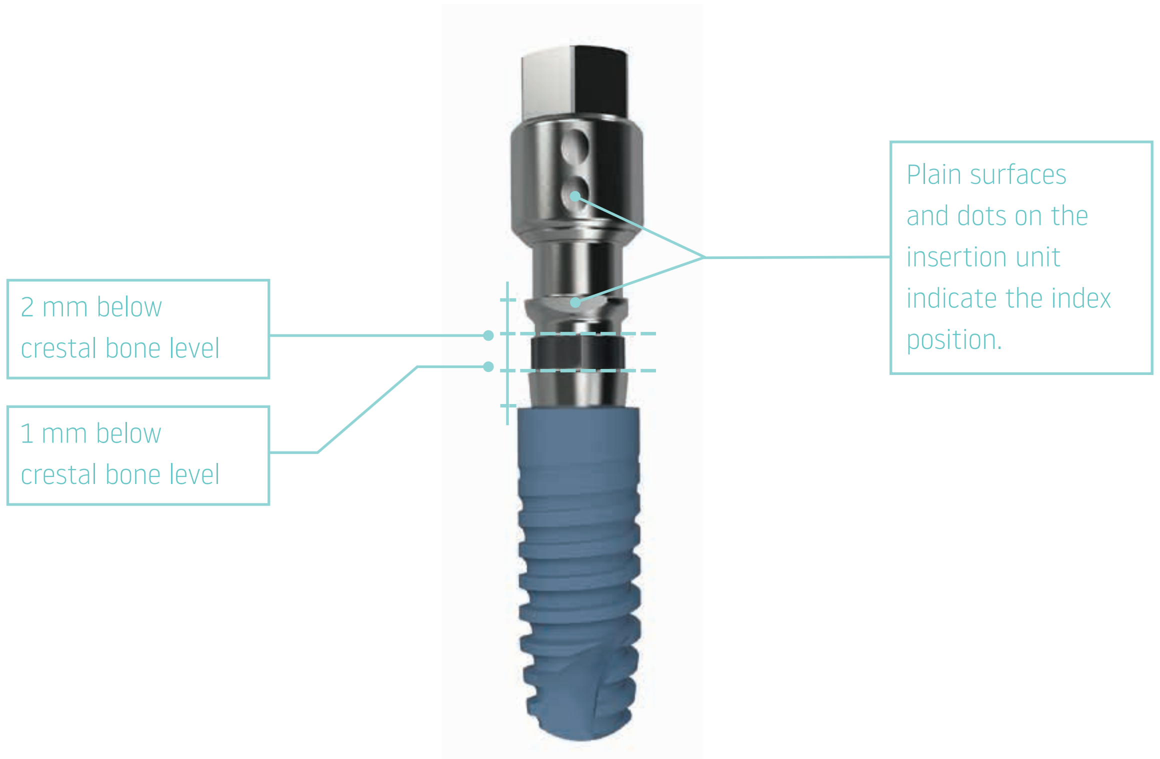


© Prof. Dr. med. dent. Georg-Hubertus Nentwig

Implant insertion

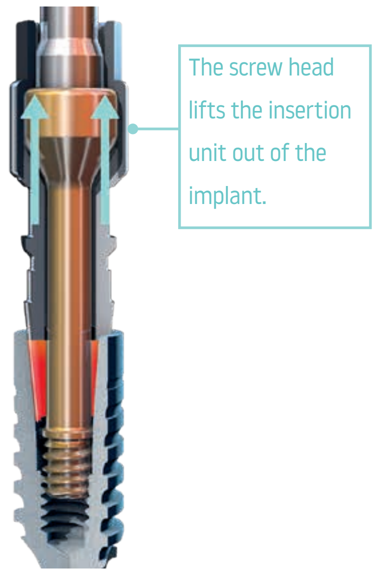
The myplant bio insertion unit ...

- ... supports subcrestal positioning of the implant.
- ... contains depth markings for controlled implant placement.
- ... enables the positioning of the index position in a controlled manner.



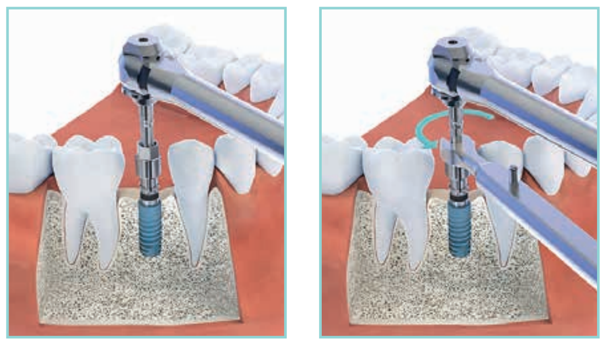
Loosening the insertion unit

After insertion of the implant, the insertion unit is removed. This can be done either mechanically or manually. It should be noted that the loosening torque of the screw increases again after a few turns when the insertion unit is lifted vertically out of the implant.



Loosening without sleeve key

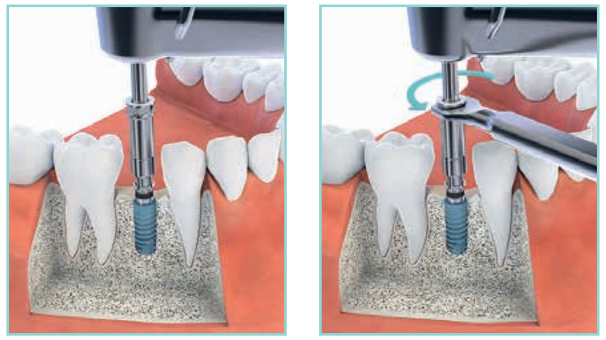
To remove the insertion unit from the implant after insertion, the insertion unit is first secured against rotation using the open-end wrench. To do this, the open-end wrench is pushed over the narrow part of the insertion instrument and then placed on the insertion unit. The open-end wrench is used to hold the insertion unit in place. The screw of the insertion unit is then loosened by turning it anti-clockwise by means of the the insertion tool.



Positioning of the open-end wrench to counter the insertion unit during its removal (machine-supported or manually)

Loosening with sleeve key

Due to limited space it can be necessary to lift the attachment position of the open-end wrench above the occlusal level. To do this, the sleeve key (ZHS01) is attached to the long insertion instrument (ZEI02) before the implant is picked up from the packaging. Once the insertion is complete, the open-end wrench is attached to the sleeve key in order to block rotation of the insertion unit. The screw of the insertion unit is loosened by rotating it anti-clockwise supported by the surgical drive unit.



Positioning of the open-end wrench at the sleeve key in order to counter the insertion unit during its removal (machine-supported)

Soft tissue support

The comparatively large offset between implant and abutment diameter and the resulting wide implant shoulder allow more proximal space at abutment level than non-tapered implant connections. In conjunction with the bone deposition on the implant shoulder, this is decisive for the establishment of a stable and healthy soft tissue cuff, the formation of the papilla and long-term satisfactory so-called red aesthetics. These results can be achieved even with closely placed implants due to the comparatively larger approximal space.

MYPLANT BIO AT A GLANCE

myplant prosthetics

One implant - two solutions

Indexed (four fixed positions) & non-indexed abutment – identical cone dimensions for all implant diameters

1

The **indexed** prosthetic components enable a defined positioning of the abutment by the laboratory.

2

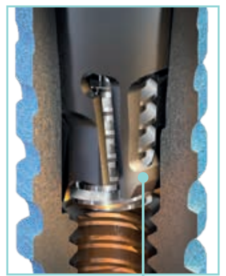
Alternatively, it is possible to use the free rotation option **(without index)** according to the patient's situation.

The index* at a glance:

- Four fixed abutment positions with cone dimensions identical for all implant diameters
- Self-centring spring element for precise and movement-free positioning
- Damage-free screwing even at high torques
- The abutment screw prevents plastic deformation of the spring element
- Chewing forces are not transmitted via the index

Spring element

Cross-section: implant / abutment with indicated spring element



Self-centering effect of the spring

The abutment screw prevents plastic deformation of the spring element

*Patent pending

Prosthetic possibilities

The stable and strongly tapered connection of myplant bio is the key to a successful restorative outcome. A major advantage of the system is that all implants have the same internal geometry so that every prosthetic component - be it indexed or non-indexed - fits in every indexed implant irrespective of its length or diameter. Thus, the selection of the implant is based only on the bone available in the implantation area and not restricted by prosthetics. As an additional result, the implant system components are reduced to a minimum number and storage space and costs are kept as low as possible. For all clinically relevant prosthetic restoration types - single crowns, bridges, partial dentures and implantsup-ported full dentures - exist suitable components within the myplant bio product range.
The various abutment series allow for friction based, screwed-in, glued or cemented attachment.

Abutment type	Single tooth	Bridge	Partial denture	Full denture
Standard Abutment bio	✓	✓	✓	✓
Ti-Base Bio	✓	✓	-	-
CEREC Base bio	✓	-	-	-
OT Equator	-	-	✓	✓
Pre-Face Abutment	✓	✓	-	-

NOTE: A single-stage procedure including immediate loading must not be performed with implants of length 6.6 mm, as sufficient anchoring in the bone is not ensured. The risk of implant loss is increased for single-tooth restorations with 6.6 mm implants and for free-end bridges.

myplant bio prosthetic components

Standard Abutment bio | Ti-Base bio | CEREC Base bio | OT Equator | Pre-Face Abutment

NOTE: The abutment screw is integrated in all abutments. The majority of myplant bio abutments have a gold-colored niobium ceramic coating. This has a plaque-inhibiting effect, has excellent biocompatible properties and contributes to outstanding esthetics.

Products - implants and prosthetics

All dimension within this catalog are given in mm.
H = height, GH = gingiva height, L = length, Ø = diameter

myplant bio implants

All implants are supplied with a sterile cover screw with a height of 1.0 (KVS01).
The connection of all implants is identical in its dimensions - regardless of implant diameter or length.

	K6.6	K8	K9.5	K11	K14
Ø	3.5	3.5	3.5	3.5	3.5
L	6.6	8.0	9.5	11.0	14.0
Order No.	36**K3566**MPB000	36**K3580**MPB000	36**K3595**MPB000	36**K3511**MPB000	36**K3514**MPB000

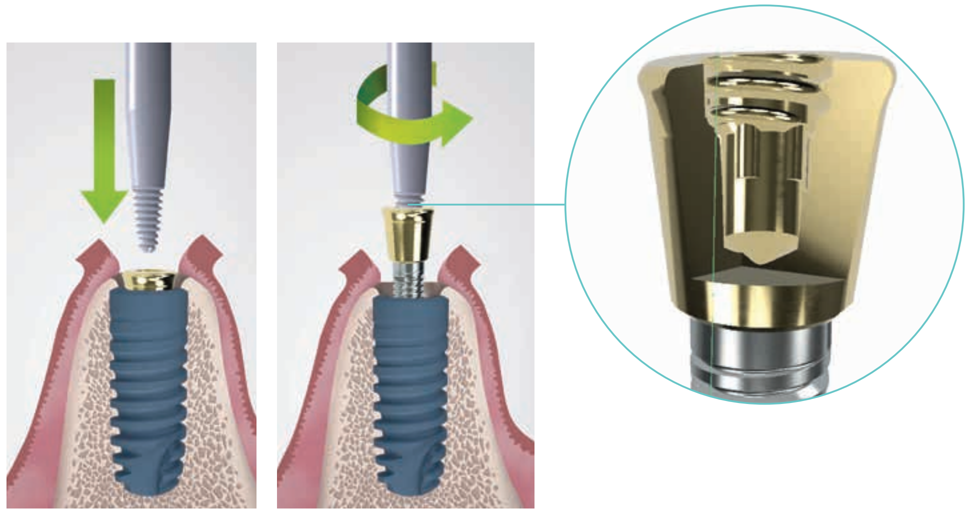
	K6.6	K8	K9.5	K11	K14
Ø	4.0	4.0	4.0	4,0	4.0
L	6.6	8.0	9.5	11.0	14.0
Order No.	36**K4066**MPB000	36**K4080**MPB000	36**K4095**MPB000	36**K4011**MPB000	36**K4014**MPB000

	K6.6	K8	K95	K11	K14
Ø	4.5	4.5	4.5	4.5	4.5
L	6.6	8.0	9.5	11.0	14.0
Order No.	36**K4566**MPB000	36**K4580**MPB000	36**K4595**MPB000	36**K4511**MPB000	36**K4514**MPB000

NOTE: A single-stage procedure including immediate loading must not be performed with implants of length 6.6 mm, as sufficient anchoring in the bone is not ensured. The risk of implant loss is increased for single-tooth restorations with 6.6 mm implants and for free-end bridges.

myplant bio prosthetics

Cover screws



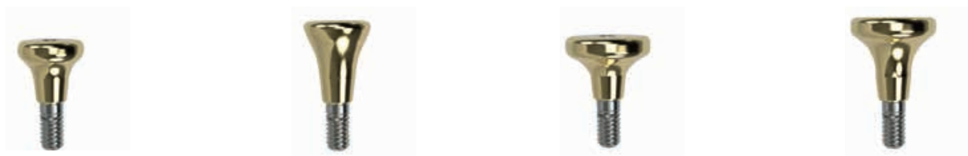
NOTE: Unlike previous versions, cover screws and healing abutments can be easily removed from the implant by means of the screw remover (ZAS01 / ZAD02). To do so, the screw remover is screwed into the cover screw or healing abutment in an anti-clockwise manner until it is released from the implant.

Description	Cover Screw bio H 0.0	Cover Screw bio H 1.0	Cover Screw bio H 2.0
Order No.	36**KVS00**MPB000	36**KVS01**MPB000	36**KVS02**MPB000

Healing abutments

Description	Healing Abutment bio GH 1.5	Healing Abutment bio GH 3.0	Healing Abutment bio GH 4.5
Order No.	36**KGF15**MPB000	36**KGF30**MPB000	36**KGF45**MPB000

Gingivaformer Schulterabutments



Description	Healing Abutment Shoulder Abutment bio Ø 4.3 GH 1.5	Healing Abutment Shoulder Abutment bio Ø 4.3 GH 3.0	Healing Abutment Shoulder Abutment bio Ø 5.7 GH 1.5	Healing Abutment Shoulder Abutment bio Ø 5.7 GH 3.0
Order No.	36**KGF71**MPB000	36**KGF72**MPB000	36**KGF21**MPB000	36**KGF22**MPB000

PRODUCTS

Impression taking

Transfer post open tray

Description	Transfer Post S Open Tray Index	Transfer Post L Open Tray Index	Transfer Post S Open Tray	Transfer Post L Open Tray
Order No.	36**XUP01**MP2000	36**XUP02**MP2000	36**PUP01**MP2000	36**PUP02**MP2000

The transfer posts are screwed in by hand.

Repositioning post closed tray

Description	Repositioning Post Closed Tray Index	Repositioning Post Closed Tray	Repositioning Post Narrow Closed Tray
Order No.	36**XRP01**MP2000	36**PRP01**MP2000	36**PRP02**MP2000

The repositioning posts are screwed in manually or by means of a screwdriver.

Laboratory implant

Description	Laboratory Implant
Order No.	36**PLI01M**P2000

Base Abutments

Scan Base Index

Description	Scan Base Index
Order No.	36**XSB11**MP2000

DIM Analog

Description	DIM Analog
Order No.	39**XDIM1**MP2000

PRODUCTS

Standard Abutments bio Index

Description	Standard Abutment bio 0° GH 1.5 H 4.0 Index	Standard Abutment bio 0° GH 1.5 H 6.0 Index	Standard Abutment bio 0° GH 3.0 H 4.0 Index	Standard Abutment bio 0° GH 3.0 H 6.0 Index	Standard Abutment bio 0° GH 4.5 H 4.0 Index	Standard Abutment bio 0° GH 4.5 H 6.0 Index
Order No.	36**YAB01**MPB000	36**YAB02**MPB000	36**YAB03**MPB000	36**YAB04**MPB000	36**YAB05**MPB000	36**YAB06**MPB000

Description	Standard Abutment bio 7.5° GH 1.5 H 4.0 Index	Standard Abutment bio 7.5° GH 1.5 H 6.0 Index	Standard Abutment bio 7.5° GH 3.0 H 4.0 Index	Standard Abutment bio 7.5° GH 3.0 H 6.0 Index	Standard Abutment bio 7.5° GH 4.5 H 4.0 Index	Standard Abutment bio 7.5° GH 4.5 H 6.0 Index
Order No.	36**YAB21**MPB000	36**YAB22**MPB000	36**YAB23**MPB000	36**YAB24**MPB000	36**YAB25**MPB000	36**YAB26**MPB000

Description	Standard Abutment bio 15° GH 1.5 H 4.0 Index	Standard Abutment bio 15° GH 1.5 H 6.0 Index	Standard Abutment bio 15° GH 3.0 H 4.0 Index	Standard Abutment bio 15° GH 3.0 H 6.0 Index	Standard Abutment bio 15° GH 4.5 H 4.0 Index	Standard Abutment bio 15° GH 4.5 H 6.0 Index
Order No.	36**YAB51**MPB000	36**YAB52**MPB000	36**YAB53**MPB000	36**YAB54**MPB000	36**YAB55**MPB000	36**YAB56**MPB000

Description	Standard Abutment bio 22.5° GH 1.5 H 4.0 Index	Standard Abutment bio 22.5° GH 1.5 H 6.0 Index	Standard Abutment bio 22.5° GH 3.0 H 4.0 Index	Standard Abutment bio 22.5° GH 3.0 H 6.0 Index	Standard Abutment bio 22.5° GH 4.5 H 4.0 Index	Standard Abutment bio 22.5° GH 4.5 H 6.0 Index
Order No.	36**YAB71**MPB000	36**YAB72**MPB000	36**YAB73**MPB000	36**YAB74**MPB000	36**YAB75**MPB000	36**YAB76**MPB000

Standard Abutments bio

Description	Standard Abutment bio 0° GH 1.5 H 4.0	Standard Abutment bio 0° GH 1.5 H 6.0	Standard Abutment bio 0° GH 3.0 H 4.0	Standard Abutment bio 0° GH 3.0 H 6.0	Standard Abutment bio 0° GH 4.5 H 4.0	Standard Abutment bio 0° GH 4.5 H 6.0
Order No.	36**KAB01**MPB000	36**KAB02**MPB000	36**KAB03**MPB000	36**KAB04**MPB000	36**KAB05**MPB000	36**KAB06**MPB000

Description	Standard Abutment bio 7.5° GH 1.5 H 4.0	Standard Abutment bio 7.5° GH 1.5 H 6.0	Standard Abutment bio 7.5° GH 3.0 H 4.0	Standard Abutment bio 7.5° GH 3.0 H 6.0	Standard Abutment bio 7.5° GH 4.5 H 4.0	Standard Abutment bio 7.5° GH 4.5 H 6.0
Order No.	36**KAB21**MPB000	36**KAB22**MPB000	36**KAB23**MPB000	36**KAB24**MPB000	36**KAB25**MPB000	36**KAB26**MPB000

Description	Standard Abutment bio 15° GH 1.5 H 4.0	Standard Abutment bio 15° GH 1.5 H 6.0	Standard Abutment bio 15° GH 3.0 H 4.0	Standard Abutment bio 15° GH 3.0 H 6.0	Standard Abutment bio 15° GH 4.5 H 4.0	Standard Abutment bio 15° GH 4.5 H 6.0
Order No.	36**KAB51**MPB000	36**KAB52**MPB000	36**KAB53**MPB000	36**KAB54**MPB000	36**KAB55**MPB000	36**KAB56**MPB000

Description	Standard Abutment bio 22.5° GH 1.5 H 4.0	Standard Abutment bio 22.5° GH 1.5 H 6.0	Standard Abutment bio 22.5° GH 3.0 H 4.0	Standard Abutment bio 22.5° GH 3.0 H 6.0	Standard Abutment bio 22.5° GH 4.5 H4	Standard Abutment bio 22.5° GH 4.5 H6.0
Order No.	36**KAB71**MPB000	36**KAB72**MPB000	36**KAB73**MPB000	36**KAB74**MPB000	36**KAB75**MPB000	36**KAB76**MPB000

NOTE:
Both the straight and the angled abutments have occlusal screw channels for cement-free cementation.

NOTE:
If the primary stability is sufficient, a temporary restoration can be fabricated and placed on the standard abutments using the healing caps. However, a primary stability of > 35 Ncm is required for this.

NOTE:
The abutment screw is integrated in all abutments.

Additional items for Standard Abutments

Impression caps for Standard Abutments

Description	Impression Cap H 4.0	Impression Cap H 6.0
Order No.	39**PAK01**MP2000	39**PAK02**MP2000

Healing caps for Standard Abutments

NOTE:
The healing caps are used for producing temporary restorations. Care must be taken to ensure that they are not exposed to occlusal loads.

Description	Healing Cap H 4.0	Healing Cap H 6.0
Order No.	39**PHK01**MP2000	39**PHK02**MP2000

Description	Healing Cap H 4.0 Secured Against Rotation	Healing Cap H 6.0 Secured Against Rotation
Order No.	39**PHK03**MP2000	39**PHK04**MP2000

Laboratory Analogs for Standard Abutments

Description	Laboratory Analog One-Piece 0° H 4.0	Laboratory Analog One-Piece 0° H 6.0	Laboratory Analog One-Piece 7.5° H 4.0	Laboratory Analog One-Piece 7.5° H 6.0
Order No.	36**PLA04**MP2000	36**PLA06**MP2000	36**PLA24**MP2000	36**PLA26**MP2000

Description	Laboratory Analog One-Piece 15° H 4.0	Laboratory Analog One-Piece 15° H 6.0	Laboratory Analog One-Piece 22.5° H 4.0	Laboratory Analog One-Piece 22.5° H 6.0
Order No.	36**PLA54**MP2000	36**PLA56**MP2000	36**PLA74**MP2000	36**PLA76**MP2000

Wax-Up Copings for Standard Abutments

Description	Wax-Up Coping H 4.0	Wax-Up Coping H 6.0	Wax-Up Coping H 4.0 Secured Against Rotation	Wax-Up Coping H 6.0 Secured Against Rotation
Order No.	39**PMK01**MP2000	39**PMK02**MP2000	39**PMK03**MP2000	39**PMK04**MP2000

Occlusal Screws

Description	Occlusal Screw	Occlusal Screw for Ceramic Restorations
Order No.	36**POS01**MP2000	36**POSK1**MP2000

Abutment Aligning Tool

Description	Abutment Aligning Tool
Order No.	39**ZAPS1**MP2000

Revision Sleeve

Description	Revision Sleeve
Order No.	39**ZRH01**MP2000

NOTE:
The Revision Sleeve is normally used in combination with the Abutment Remover. Alternatively, the Revision Sleeve can further be used as parallelisation tool when placing angulated abutments.

PRODUCTS

Selection posts

Kit of Selection Posts (Order No. 76**PAP00**MP2000) contains the following items:

Selection posts straight (without index)

Description	Selection Post 0° GH 1.5 H 4.0	Selection Post 0° GH 1.5 H 6.0	Selection Post 0° GH 3.0 H 4.0	Selection Post 0° GH 3.0 H 6.0
Pcs per kit	4	4	4	4
Order No.	36**PAP01**MP2000	36**PAP02**MP2000	36**PAP03**MP2000	36**PAP04**MP2000

Description	Selection Post 0° GH 4.5 H 4.0	Selection Post 0° GH 4.5 H 6.0
Pcs per kit	4	4
Order No.	36**PAP05**MP2000	36**PAP06**MP2000

Selection posts angulated (without index)

Description	Selection Post 15° GH 1.5 H 4.0	Selection Post 15° GH 1.5 H 6.0	Selection Post 15° GH 3.0 H 4.0	Selection Post 15° GH 3.0 H 6.0
Pcs per kit	4	4	4	4
Order No.	36**PAP51**MP2000	36**PAP52**MP2000	36**PAP53**MP2000	36**PAP54**MP2000

Ti-Base Bio

Ti-Base Bio Index

Description	Ti-Base Bio 0° GH 0.75 H 6.0 Index	Ti-Base Bio 0° GH 1.5 H 6.0 Index	Ti-Base Bio 0° GH 3.0 H 6.0 Index
Order No.	36**YTB01**MPB000	36**YTB02**MPB000	36**YTB03**MPB000

Description	Ti-Base Bio 0° GH 0.75 H 4.0	Ti-Base Bio 0° GH 1.5 H 4.0	Ti-Base Bio 0° GH 3.0 H 4.0
Order No.	36**YTB04**MPB000	36**YTB05**MPB000	36**YTB06**MPB000

Ti-Base Bio

Description	Ti-Base Bio 0° GH 0.75 H 6.0	Ti-Base Bio 0° GH 1.5 H 6.0	Ti-Base Bio 0° GH 3.0 H 6.0
Order No.	36**KTB01**MPB000	36**KTB02**MPB000	36**KTB03**MPB000

Description	Ti-Base Bio 0° GH 0.75 H 4.0	Ti-Base Bio 0° GH 1.5 H 4.0	Ti-Base Bio 0° GH 3.0 H 4.0
Order No.	36**KTB04**MPB000	36**KTB05**MPB000	36**KTB06**MPB000

CEREC* Base

CEREC* Base bio Index

Description	CEREC Base bio GH 0.75 Index	CEREC Base bio GH 1.5 Index	CEREC Base bio GH 3.0 Index
Order No.	36**YTBC1**MPB000	36**YTBC2**MPB000	36**YTBC3**MPB000

* CEREC is a registered trademark of Dentsply Sirona, Inc.

PRODUCTS

Pre-Face Abutments

Pre-Face Abutments Index


Description	Pre-Face Abutment Ø 11.5 Index	Pre-Face Abutment Ø 16.0 Index
Order No.	36**XPMB3**MP2000	36**XPMB4**MP2000

Pre-Face Abutments


Description	Pre-Face Abutment Ø 11.5	Pre-Face Abutment Ø 16.0
Order No.	36**PPMB3**MP2000	36**PPMB4**MP2000

Revision instruments



Description	Abutment Remover Manual	Manual Abutment Remover RA Shank Short	Manual Abutment Remover RA Shank Long
Order No.	39**ZAI01**MP2000	39**ZAI51**MP2000	39**ZAI52**MP2000

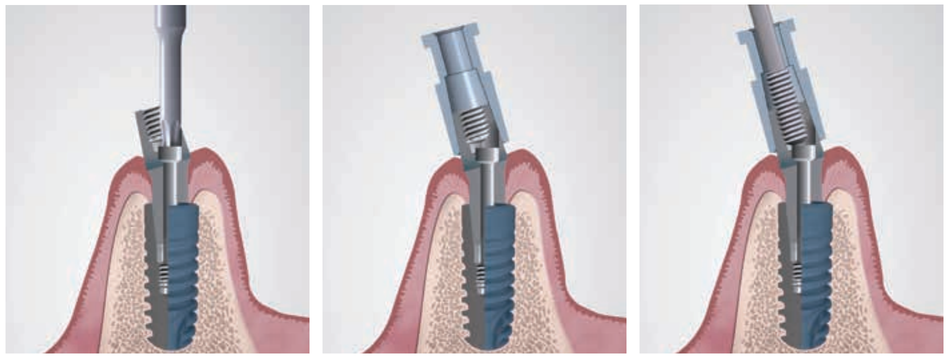
Description	Revision Sleeve
Order No.	39**ZRH01**MP2000

Revision of an abutment

The self-locking cone enables a rotationally stable connection between the implant and abutment. This connection can be loosened using the revision instrument.

First, the Screwdriver (ZSD0L) is inserted into the (lateral) screw channel of the (angulated) abutment in order to completely loosen it. The Revision Sleeve (ZRH01) is now placed over the abutment. The Abutment Remover (ZAI51 or ZAI52) is screwed into the Revision Sleeve in a clockwise manner until the abutment is released from the cone of the implant. The Revision Sleeve is suitable for loosening all Standard Abutments, Ti-bases, and Shoulder Abutments (Ø 4.3 mm). The Revision Sleeve can further be used as parallelisation tool when placing angulated abutments.

NOTE: If the abutment screw is not fully loosened, the Abutment Remover may become blocked within in the sleeve. In this case, remove the sleeve and loosen the abutment screw completely.



IMPORTANT: To avoid clamping in the case of angulated abutments, it is essential to ensure that the Abutment Remover is screwed into the screw channel of the occlusal screw.

OT Equator

OT Equator Abutments




Description	OT Equator GH 1.5	OT Equator GH 3.0	OT Equator GH 4.5	OT Equator GH 6.0
Order No.	36**POT01**MP2000	36**POT02**MP2000	36**POT03**MP2000	36**POT04**MP2000

OT Equator Sets
(contains OT Equator and Caps Assortment Kit)




Description	OT Equator Set GH 1.5	OT Equator Set GH 3.0	OT Equator Set GH 4.5	OT Equator Set GH 6.0
Order No.	39**POTC2**MP2000	39**POTC3**MP2000	39**POTC4**MP2000	39**POTC5**MP2000

OT Equator Kits

Description	Caps Assortment Kit corrects implant divergence of up to 30°
Order No.	39**POTC1**MP2000

Description	Smart Box Equator Kit corrects implant divergence of up to 50°
Order No.	39**POTK1**MP2000

RHEIN83, Via E. Zago, 10/ABC, 40128 (Bologna) Italy (for all items on pages 24 and 25)

PRODUCTS

Overview of retention inserts and pull-off weights




Description	OT Equator Yellow Cap	OT Equator Pink Cap	OT Equator Clear Cap	OT Equator Purple Cap
Pull-off weights according to color	extra low retention - 600 g	low retention - 1200 g	standard retention - 1800 g	strong retention - 2700 g
Pieces per kit	1	1	1	1

Additional tools for OT Equator Abutments





Description	Laboratoy Implant	Transfer Cap	Square Screwdriver Manual Insertion	Cap Insertion / Extraction Tool for retention inserts	Square Screwdriver RA Shank
Order No.	39**POTA1**MP2000	39**POTT1**MP2000	39**ZOT01**MP2000	39**ZOT02**MP2000	39**ZOT03**MP2000

PRODUCTS

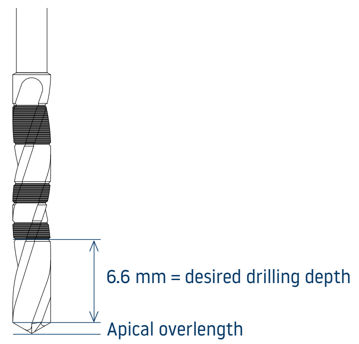
Surgical instruments

Apical overlength

During preparation of the implant bed it must be remembered that the effective drilling depth varies apically by 0.4 to 0.7 mm depending on the diameter of the implant drill. This additional length of the drill hole must be taken into account when planning the implantation.

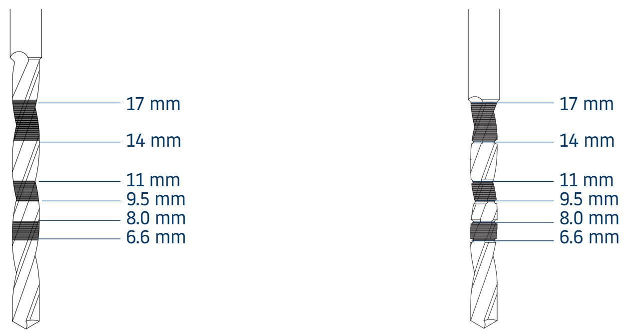
	Tri-Spade Drill A		Tri-Spade Drill M		Tri-Spade Drill B	
Diameter	Ø 2.4 mm	Ø 2.9 mm	Ø 2.9 mm	Ø 3.3 mm	Ø 3.3 mm	Ø 3.8 mm
Apical overlength	0.4 mm	0.5 mm	0.5 mm	0.6 mm	0.6 mm	0.7 mm

Example for apical overlength

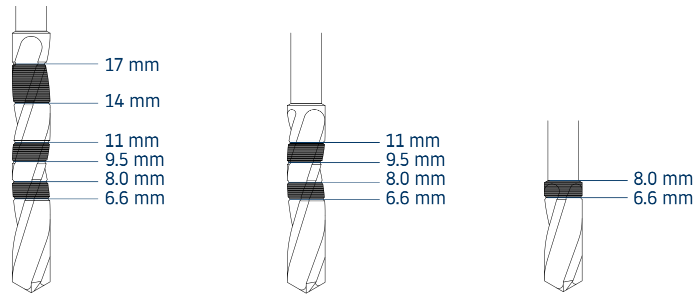


Explanation of laser markings

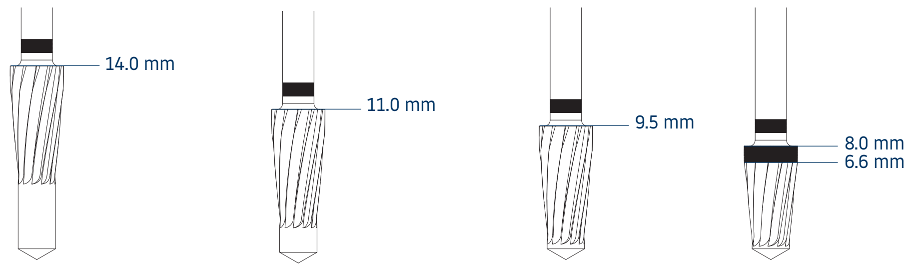
Twist drills



Tri-Spade drill

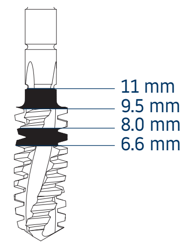


Conical reamers



Cortical countersinks

Taps

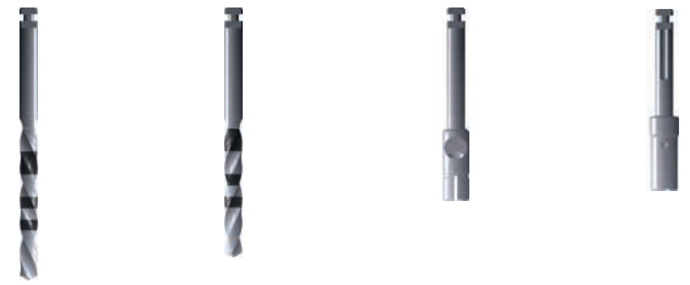


PRODUCTS

PRODUCTS

General instruments

Description	Round Bur	Initial Bur Short	Initial Bur Short Long	Parallel Pin
Order No.	39**0RB01**MP2000	39**0IB01**MP2000	39**0IB02**MP2000	39**0RL01**MP2000



Description	Twist Drill Long	Twist Drill Short	Drill Extension	HT Drill Extension
Order No.	39**0SB01**MP2000	39**0SB02**MP2000	39**ZBV01**MP2000	39**ZBV02**MP2000

PRODUCTS

Tri-Spade drills

Description	Tri-Spade Drill A Ø 2.4 XS	Tri-Spade Drill A Ø 2.4 S	Tri-Spade Drill A Ø 2.4 M	Tri-Spade Drill A Ø 2.9 S	Tri-Spade Drill A Ø 2.9 M
Order No.	39**ATS01**MP2000	39**ATS02**MP2000	39**ATS03**MP2000	39**ATS12**MP2000	39**ATS13**MP2000

Description	Tri-Spade Drill M Ø 2.9 XS	Tri-Spade Drill M Ø 2.9 S	Tri-Spade Drill M Ø 2.9 M	Tri-Spade Drill M Ø 3.3 S	Tri-Spade Drill M Ø 3.3 M
Order No.	39**MTS01**MP2000	39**MTS02**MP2000	39**MTS03**MP2000	39**MTS12**MP2000	39**MTS13**MP2000

Description	Tri-Spade Drill B Ø 3.3 XS	Tri-Spade Drill B Ø 3.3 S	Tri-Spade Drill B Ø 3.3 M	Tri-Spade Drill B Ø 3.8 S	Tri-Spade Drill B Ø 3.8 M
Order No.	39**BTS01**MP2000	39**BTS02**MP2000	39**BTS03**MP2000	39**BTS12**MP2000	39**BTS13**MP2000

PRODUCTS

Conical reamers

Description	Conical reamer A 6.6 / 8.0	Conical reamer A 9.5	Conical reamer A 11.0	Conical reamer A 14.0
Order No.	39**AKA01**MP2000	39**AKA02**MP2000	39**AKA03**MP2000	39**AKA04**MP2000

Description	Conical reamer M 6.6 / 8.0	Conical reamer M 9.5	Conical reamer M 11.0	Conical reamer M 14.0
Order No.	39**MKA01**MP2000	39**MKA02**MP2000	39**MKA03**MP2000	39**MKA04**MP2000

Description	Conical reamer B 6.6 / 8.0	Conical reamer B 9.5	Conical reamer B 11.0	Conical reamer B 14.0
Order No.	39**BKA01**MP2000	39**BKA02**MP2000	39**BKA03**MP2000	39**BKA04**MP2000

Cortical countersinks

NOTE:
The Cortical Countersink is an optional instrument that can be used depending on the bone quality.

Description	Cortical countersink A	Cortical countersink M	Cortical countersink B
Order No.	39**AKS01**MP2000	39**MKS01**MP2000	39**BKS01**MP2000

Taps

Description	Tap A (Ø 3.5)	Tap M (Ø 4.0)	Tap B (Ø 4.5)
Order No.	39**AGS01**MP2000	39**MGS04**MP2000	39**BGS02**MP2000

PRODUCTS

Additional items and kits

Ratchets

Description	Ratchet	Torque Control Device	Torque Ratchet	Torque Ratchet with Bending Arm
Order No.	39**ZRA01**MP2000	39**ZDMA1**MP2000	39**ZRA02**MP2000	39**ZRA03**MP2000

Various tools

Description	Open-End Wrench	Sleeve Key	High Torque Adapter S	High Torque Adapter M
Order No.	39**ZGS01**MP2000	39**ZHS01**MP2000	39**ZHTOS**MP2000	39**ZHTOM**MP2000

Description	Screwdriver S	Screwdriver L	Screwdriver One-Piece L	Screwdriver One-Piece XS
Order No.	39**ZSD0S**MP2000	39**ZSD0L**MP2000	39**ZSD1S**MP2000	39**ZSDXS**MP2000

Description	Drill Extension	HT Drill Extension
Order No.	39**ZBV01**MP2000	39**ZBV02**MP2000

PRODUCTS

PRODUCTS

Description	Insertion Instrument RA Shank S	Insertion Instrument RA Shank L
Order No.	39**ZEI01**MP2000*	39**ZEI02**MP2000*

Description verpackt à Order No.	Rubber Ring for Insertion Instrument 10 82**ZEIOR**MP2000

NOTE:
The Rubber Ring of the Insertion Instrument must be checked upon each use. If it's damaged, it must be replaced by a new one. Otherwise, there is a risk that there is not sufficient grip between the instrument and the implant.

*

Description	Abutment Remover Manual	Abutment Remover RA Shank Short	Abutment Remover RA Shank Long	Revision Sleeve
Order No.	39**ZAI01**MP2000	39**ZAI51**MP2000	39**ZAI52**MP2000	39**ZRH01**MP2000

NOTE:
The self-locking cone of the enables a rotationally stable connection between implant and abutment. This tight connection can be loosened using on of the instrument for abutment romoval.

Description	Reverse Implant Driver
Order No.	39**ZRDI1**MP2000

Description	Screw Remover Short	Screw Remover Long
Order No.	39**ZAD01**MP2000*	39**ZAD02**MP2000*

*

Description	Handwheel Ratchet	Handwheel Screwdriver	Laboratory Handle
Order No.	39**ZHR01**MP2000	39**ZHR02**MP2000	39**ZHG01**MP2000

Surgical Kit myplant

Order No. 76**0CK02**MP2000

All instruments for surgical implant bed preparation are available in the Surgical Kit myplant. The kit allows for structured and user-friendly storage of the instruments and facilitates easy use during implantation thanks to the color-coding of the instruments.

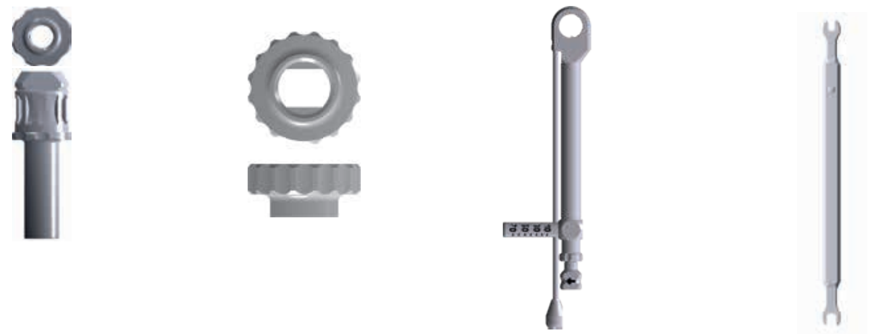
The kit contains the following items:

Description	Insertion Instrument RA Shank S	Insertion Instrument RA Shank L	Sleeve Key
Pcs per kit	1	1	1
Order No.	39**ZEI01**MP2000*	39**ZEI02**MP2000*	39**ZHS01**MP2000

*

Description	Screwdriver S	Screwdriver L	Screwdriver One-Piece L	Screwdriver One-Piece XS
Pcs per kit	1	1	1	1
Order No.	39**ZSD0S**MP2000	39**ZSD0L**MP2000	39**ZSD1S**MP2000	39**ZSDXS**MP2000

Description	High Torque Adapter M	High Torque Adapter S	Drill Extension	HT Drill Extension
Pcs per kit	1	1	1	1
Order No.	39**ZHT0M**MP2000	39**ZHT0S**MP2000	39**ZBV01**MP2000	39**ZBV02**MP2000



Description	Reverse Implant Driver	Handwheel Ratchet	Torque Ratchet with Bending Arm	Open-End Wrench
Pcs per kit	1	1	1	1
Order No.	39**ZRDI1**MP2000	39**ZHR01**MP2000	39**ZRA03**MP2000	39**ZGS01**MP2000

Description	Round Bur	Initial Bur Short	Twist Drill Long	Twist Drill Short	Parallel Pin
Pcs per kit	1	1	1	1	2
Order No.	39**0RB01**MP2000	39**0IB01**MP2000	39**0SB01**MP2000	39**0SB02**MP2000	39**0RL01**MP2000

More content on the next page

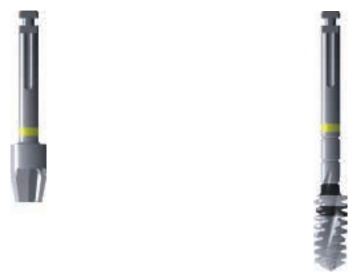
Description	Tri-Spade Drill A Ø 2.4 M	Tri-Spade Drill A Ø 2.9 M	Conical Reamer A 6.6 / 8.0	Conical Reamer A 9.5	Conical Reamer A 11.0	Conical Reamer A 14.0
Pcs per kit	1	1	1	1	1	1
Order No.	39**ATS03**MP2000	39**ATS13**MP2000	39**AKA01**MP2000	39**AKA02**MP2000	39**AKA03**MP2000	39**AKA04**MP2000

Description	Cortical Countersink A	Tap A
Pcs per kit	1	1
Order No.	39**AKS01**MP2000	39**AGS01**MP2000

Description	Tri-Spade Drill M Ø 2.9 M	Tri-Spade Drill M Ø 3.3 M	Conical Reamer M 6.6 / 8.0	Conical Reamer M 9.5	Conical Reamer M 11.0	Conical Reamer M 14.0
Pcs per kit	1	1	1	1	1	1
Order No.	39**MTS03**MP2000	39**MTS13**MP2000	39**MKA01**MP2000	39**MKA02**MP2000	39**MKA03**MP2000	39**MKA04**MP2000

Description	Cortical Countersink M	Tap M
Pcs per kit	1	1
Order No.	39**MKS01**MP2000	39**MGS04**MP2000

Description	Tri-Spade Drill B Ø 3.3 M	Tri-Spade Drill B Ø 3.8 M	Conical Reamer B 6.6 / 8.0	Conical Reamer B 9.5	Conical Reamer B 11.0	Conical Reamer B 14.0
Pcs per kit	1	1	1	1	1	1
Order No.	39**BTS03**MP2000	39**BTS13**MP2000	39**BKA01**MP2000	39**BKA02**MP2000	39**BKA03**MP2000	39**BKA04**MP2000



Description	Cortical Countersink B	Tap B
Pcs per kit	1	1
Order No.	39**BKS01**MP2000	39**BGS02**MP2000

PRODUCTS

Surgical Kit 4.0

Order No. 76**CKB40**MP2000

Contains the following items:

Description	Insertion Instrument RA Shank	Screwdriver S	Reverse Implant Driver
Pcs per kit	1	1	1
Order No.	39**ZEI01**MP2000*	39**ZSD0S**MP2000*	39**ZRDI1**MP2000

Description	High Torque Adapter M	Drill Extension	Initial Bur Short	Twist Drill Long	Open-End Wrench
Pcs per kit	1	1	1	1	1
Order No.	39**ZHT0M**MP2000	39**ZBV01**MP2000	39**0IB01**MP2000	39**0SB01**MP2000	39**ZGS01**MP2000

*

Description	Tri-Spade Drill A Ø 2.4 XS	Tri-Spade Drill A Ø 2.4 M	Tri-Spade Drill M Ø 2.9 XS	Tri-Spade Drill M Ø 2.9 M
Pcs per kit	1	1	1	1
Order No.	39**ATS01**MP2000	39**ATS03**MP2000	39**MTS01**MP2000	39**MTS03**MP2000

Description	Conical Reamer M 6.6 / 8.0	Conical Reamer M 9.5	Conical Reamer M 11.0	Conical Reamer M 14.0	Tap M
Pcs per kit	1	1	1	1	1
Order No.	39**MKA01**MP2000	39**MKA02**MP2000	39**MKA03**MP2000	39**MKA04**MP2000	39**MGS04**MP2000

PRODUCTS

Prosthodontic Kits

Prosthodontics Kit

Order No. 76**PPB03**MP2000

Contains the following items:

Description	Torque Ratchet	Screwdriver S	Screwdriver L	Screw Remover Short	Screw Remover Long
Pcs per kit	1	1	1	1	1
Order No.	39**ZRA02**MP2000	39**ZSD0S**MP2000	39**ZSD0L**MP2000	39**ZAD01**MP2000*	39**ZAD02**MP2000*

Description	High Torque Adapter S	Handwheel Screwdriver	Abutment Remover RA Shank Short	Abutment Remover RA Shank Long	Revision Sleeve
Pcs per kit	1	1	1	1	2
Order No.	39**ZHT0S**MP2000	39**ZHR02**MP2000	39**ZAI51**MP2000	39**ZAI52**MP2000	39**ZRH01**MP2000

*

Laboratory Kit

Order No. 76**PLB01**MP2000

Contains the following items:

Description	High Torque Adapter M	Screwdriver S	Screwdriver L	Handwheel Ratchet
Pcs per kit	1	1	1	1
Order No.	39**ZHT0M**MP2000	39**ZSD0S**MP2000	39**ZSD0L**MP2000	39**ZHR01**MP2000

Further information

Order number

The order number of each item is the bold printed part of the code given in the table below the image.

	K8
Ø	3.5
L	8.0
Order No.	36**K3580**MPB000

myplant instruments for implant bed preparation

The appropriate position and number of implants as well as a suitable implant diameter and length should be selected individually for each patient, taking into account the anatomical conditions.

A systematic surgical technique for preparing the implant bed has been developed to achieve enhanced primary stability (EPS). The implant bed can be prepared in three steps according to the given bone quality. This gradually leads to an optimisation of the primary stability. If regular primary stability (RPS) is required or the bone quality is very good, the RPS tri-spade drills can be used.

Quick overview of the surgical procedure

	Ø 3.5mm	Ø 4.0mm	Ø 4.5mm
Smoothing the alveolar ridge	Round Bur ORB01		
Initial drilling	Initial Drill OIB01 OIB02		
Marking the implant axis Ø 2.0 mm	Twist Drill OSB01 OSB02		
EPS (Enhanced Primary Stability) 1. expansion of the implant bed Ø 2.4 mm for A, M & B Implants	Tri-Spade Drill A Ø 2.4 ATS01 ATS02 ATS03		
RPS (Regular Primary Stability) 1. expansion of the implant bed Ø 2,9 mm for A, M & B Implants	Tri-Spade Drill A Ø 2.9 ATS12 ATS13		
EPS (Enhanced Primary Stability) 2. expansion of the implant bed Ø 2.9 mm for M & B Implants		Tri-Spade Drill M Ø 2.9 MTS01 MTS02 MTS03	
RPS (Regular Primary Stability) 2. expansion of the implant bed Ø 3,3 mm for M & B Implants		Tri-Spade Drill M Ø 3.3 MTS12 MTS13	
EPS (Enhanced Primary Stability) 3. expansion of the implant bed Ø 3.3 mm for B Implants			Tri-Spade Drill B Ø 3.3 BTS01 BTS02 BTS03
RPS (Regular Primary Stability) 3. expansion of the implant bed Ø 3,8 mm for B Implants			Tri-Spade Drill B Ø 3.8 BTS12 BTS13
Conical expansion fo the implant bed	Conical Reamer A AKA01 / AKA02 / AKA03 / AKA04	Conical Reamer M MKA01 / MKA02 / MKA03 / MKA04	Conical Reamer B BKA01 / BKA02 / BKA03 / BKA04
Optional: conical expansion of the implant bed for cases indicated in the surgical protocol	Cortical Countersink A AKS01	Cortical Countersink B MKS01	Cortical Countersink C BKS01
Cutting of the implant thread*	Tap A AGS01	Tap M MGS04	Tap B BGS02
Implant insertion	Implant A K3566 / K3580 / K3595 / K3511 / K3514	Implant M K4066 / K4080 / K4095 / K4011 / K4014	Implant B K4566 / K4580 / K4595 / K4511 / K4514

*not recommended in case of soft bone.

Recommended torques for prosthetics

	Item	Torque
	Cover Screw	hand-tight (5-7 Ncm)
	Healing Abutment	
	Tranfer Post	
	Repositioning Post	
	Scan Base	
	Screw for Scan Base	
	Occlusal Screw	10 Ncm
	Occlusal Screw for Ceramic Restorations	
	Standard Abutment	15 Ncm
	Ti-Base	
	Pre-Face Abutment	
	OT Equator	25 Ncm

NOTE: The illustrations in the table above are examplary images. The torque specifications are valid for all variants of the mentioned products.

FURTHER INFORMATION

Material overview

Non-alloyed Titanium grade 4

Titanium grade 4 is used for implant (myplant two), covers screws, healing abutments, and further secondary components.

Technical information

Titanium grade 4 generally complies with the ISO 5832-2 and ASTM F67 standards.

Titanium alloy grade 5-ELI / grade 23

Titanium grade 5-ELI / grade 23 is used for implants (myplant bio) and secondary components.

Technical information

Titanium grade 5-ELI / grade 23 generally complies with the ISO 5832-3 and ASTM F136 standards.

Stainless steel 1.4197

Stainless steel 1.4197 is used for instruments for implant bed preparation.

Technical information

Stainless steel 1.4197 generally complies with the ISO 13504 and ASTM F899 standards.

TECAPEEK MT CLASSIX white

PEEK is used for impression and healing caps.

CAS: 7440-48-4

Contains hazardous substances: Cobalt, CAS: 7440-48-4

This product contains cobalt in more than 0.1 percent by mass and is therefore, in accordance with current regulations, to be labeled as CMR material class 1B (carcinogenic, mutagenic and/or reproto-xic). It has been proven that there is no increased risk of cancer or adverse reproductive or genetic effects when the product is used according to the directions for its intended use.

FURTHER INFORMATION

General notes

Depending on regulatory approval, not all products or services contained in this catalog may be available worldwide. Please contact your local sales partner for myplant products in that regard.

Please note that images and illustrations are examplary. Color, symbols, design and information on the labels and / or packaging shown may differ from reality.

Our products are subject to continuous further development. We therefore reserve the right to make changes.

myplant-Garantie

The myplant warranty includes a lifetime warranty on all implants. This is effective in the event of manufacturing and material defects as well as non-osseointegrated implants. Hager & Meisinger GmbH will provide a free replacement implant at no additional charge.

Exclusion criteria

Hager & Meisinger GmbH will reject any type of warranty and liability claims for damage caused by inappropriate handling and failure to comply with the manufacturer's instructions. Responsibility rests exclusively with the user and clinician.

Further exclusion criteria

Implant loss due to external factors (accidents, traumas, mistreatment etc.) and implant loss caused by ignoring contraindications (use of medication, drug and alcohol abuse, tobacco consumption, illnesses) are further exclusion criteria. For more detailed information, we refer to the instructions for use.
Further claims and consequential damage such as laboratory costs and clinical follow-up treatment are excluded from the warranty.

Guidelines

All myplant items are to be used according to the instructions for use provided by the manufacturer. The use of components from outside the system as well as any type of modification may impair the function of the implant system and precludes any warranty or replacement by Hager & Meisinger GmbH. This applies in particular to other application procedures that are not recommended. System faults due to confusion between tools and implants are to be minimized. Colour coding and / or labelling should therefore be observed. The processing and application of myplant products take place outside our control and are solely the responsibility of the user. No liability will be accepted for damage caused during such activities. Technical advice on the application of our products is provided verbally, in writing, via electronic media or through demonstrations. This is based on state-of-the-art science and technology as known to us at the time of going to market. It does not absolve the user of the responsibility of personally checking the product, its suitability in relation to the indication, and training in the field of dentoalveolar surgery / implantology.

Availability

Some of the products contained in this document may not be available in all countries. Detailed information is available upon request.

FURTHER INFORMATION

Caution

In addition to the warnings included in this document, our products are to be protected against aspiration when used intraorally. Please observe the appropriate instructions for use as well as the manual for surgical and prosthodontic procedures.

Validity

The publication of this document voids all previous versions.

Documentation

Further information on the implant system can be obtained from the instructions for use documents or our local sales partner.

Regulatory requirements

MEISINGER has been a byword for high-quality medical devices since 1888. The quality management system of a company that manufactures medical devices needs to meet special requirements. These particularly exacting requirements are defined by ISO 13485 and our company works meticulously to meet them. An MDSAP certificate according to ISO 13485:2016 confirms compliance with the requirements of international authorities in the USA (FDA), Canada (Health Canada), Australia (TGA), Japan (MHLW) and Brazil (ANVISA). All medical devices that you purchase from us as a customer comply with all applicable requirements of the Medical Device Directive (93/42/EEC) and the Medical Device Regulation (EU 2017/745, MDR). Our company is certified by an independent notified body according to standard specifications. Current certificates can be found on our homepage at www.meisinger.de.

myplant

In case of a screw break, please only fill in sections marked with *

WARRANTY FORM
Implantology

1. Customer information *

Name of physician: ____________ Customer No.: ____________

Address: ____________ Telephone: ____________

____________ Email: ____________

____________ Documented by: ____________

2. Product information *

REF No. Implant:	LOT No. Implant:	Date inserted:	Date removed:	Regio:
		D D M M Y Y	D D M M Y Y	
		D D M M Y Y	D D M M Y Y	
		D D M M Y Y	D D M M Y Y	

3. Patient information

Patient ID: ____________ Age: ______ ☐ F ☐ M

Bone density ☐ D1 ☐ D2 ☐ D3 ☐ D4 Smoker? ☐ No ☐ Yes

Medical history:

☐ Alcohol or drug abuse ☐ Blood coagulation disorder ☐ Chemotherapy during implantation

☐ Diabetes mellitus ☐ Compromised immune resistance ☐ Treatment with corticosteroids

☐ Lymphatic disorder ☐ Untreated endocrine disorders ☐ Psychic disorders

☐ Xerostomy ☐ Radiation therapy in head/neck region ☐ No relevant findings

☐ Immunological disorders ☐ Known allergies: ____________

☐ Other relevant disorders: ____________

4. Surgical information

If the implant was inserted and removed on the same day, was another implant inserted successfully in the same place? ☐ No ☐ Yes LOT: ________

How was the implant inserted? ☐ Hand wheel ☐ Ratchet ☐ Angled handpiece Torque: ______ Ncm

Did problems occur with the pre-mounted transfer part? ☐ No ☐ Yes ____________

Was one of the following points evident at the time of the intervention? ☐ Complication during preparation of the implant bed

☐ Periodontal disease ☐ Mucosal disease ☐ Local infection / subacute chronic osteitis

What was the maximum speed employed during preparation? min^{-1}

Which drill was used last? ________ Ø ________ mm

Was the thread tapped? ☐ No ☐ Yes

Was the enossal region covered completely by bone? ☐ No ☐ Yes

Was a holding key used? ☐ No ☐ Yes

Was primary stability achieved? ☐ No ☐ Yes ________ Ncm

Was osseointegration achieved? ☐ No ☐ Yes

Was augmentation performed during surgery? ☐ No ☐ Yes

if yes: ☐ Sinus lift ☐ Horizontal augmentation Material used: ____________

Was a membrane used? ☐ No ☐ Yes

if yes: ☐ Absorbable ☐ Not absorbable Material used: ____________

5. Information about the event

What was the hygienic status around the implant? ☐ Very good ☐ Good ☐ Average ☐ Poor

Were one or more of the following factors involved in the event?

☐ Biomechanical overload ☐ Peri-implantitis ☐ Bone resorption ☐ Bruxism
☐ Implant fracture ☐ Overheating of the bone ☐ Immediate implantation ☐ Infection
☐ Nerve compression ☐ Trauma or accident ☐ Insufficient bone quality ☐ Sinus perforation
☐ Prior bone graft ☐ Adjacent endodontically treated tooth
☐ Other: ____________________

The following was observed at implant loss

☐ Abscess ☐ Numbness ☐ Increased sensitivity ☐ Fistula
☐ Inflammation ☐ Hypersensitivity ☐ Pain ☐ Swelling
☐ Instability ☐ Asymptomatic ☐ Bleeding

Had the implant already been prosthetically restored? ☐ Yes (please answer point 6) ☐ No

What was the reason for implant loss in your opinion? ____________________

6. Information on the prosthetics

Type of restoration: ☐ Full prosthesis (max.) ☐ Partial prosthesis (max.) ☐ Crown ☐ Bridge
☐ Full prosthesis (mand.) ☐ Partial prosthesis (mand.) ☐ Other: ____________________

REF No. prosthetics: ☐☐☐☐☐ LOT No. prosthetics: ☐☐☐☐☐☐

When was the abutment placed? D D M M Y Y Date of final restoration D D M M Y Y

Date of temporary restoration D D M M Y Y Date of removal D D M M Y Y

Was a torque attachment used? ☐ Yes ______ Ncm ☐ No ☐ Not known

Were check-ups performed? ☐ Yes ☐ No

Case description: ____________________

7. Information in case of screw break *

REF No. Abutment: ☐☐☐☐☐ LOT No. Abutment: ☐☐☐☐☐☐ Date of screw breakage: D D M M Y Y Date of remaining screw removal: D D M M Y Y

Was a torque attachment used? ☐ Yes ______ Ncm ☐ No ☐ Not known

Type of restoration: ____________________

Case description: ____________________

8. Instruments

Approximate number of applications ☐ First time ☐ 2-5 ☐ 6-10 ☐ >10

Method of cleaning ☐ Manual ☐ Ultrasonic ☐ Thermal disinfector

Method of sterilization ☐ Autoclaving ☐ Dry heat ☐ Chemical autoclaving

Which cleaning agent has been used: ____________________

9. Confirmation *

All returned products are to be autoclaved and labelled as "sterile".

Please add all the information necessary about the disputed products in this warranty form under consideration of the Hager & Meisinger GmbH warranty conditions and send this form including the autoclaved products and any X-rays back to Hager & Meisinger GmbH. Please use a padded bag for shipment - the loss of individual parts during shipment voids the warranty.

Date: ____________________

Signature of physician: ____________________

myplant

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All dimension within this catalog are given in mm.

H = height, GH = gingiva height, L = lenght, Ø = diameter

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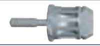
ZAI01	Abutment Remover manual	35	
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