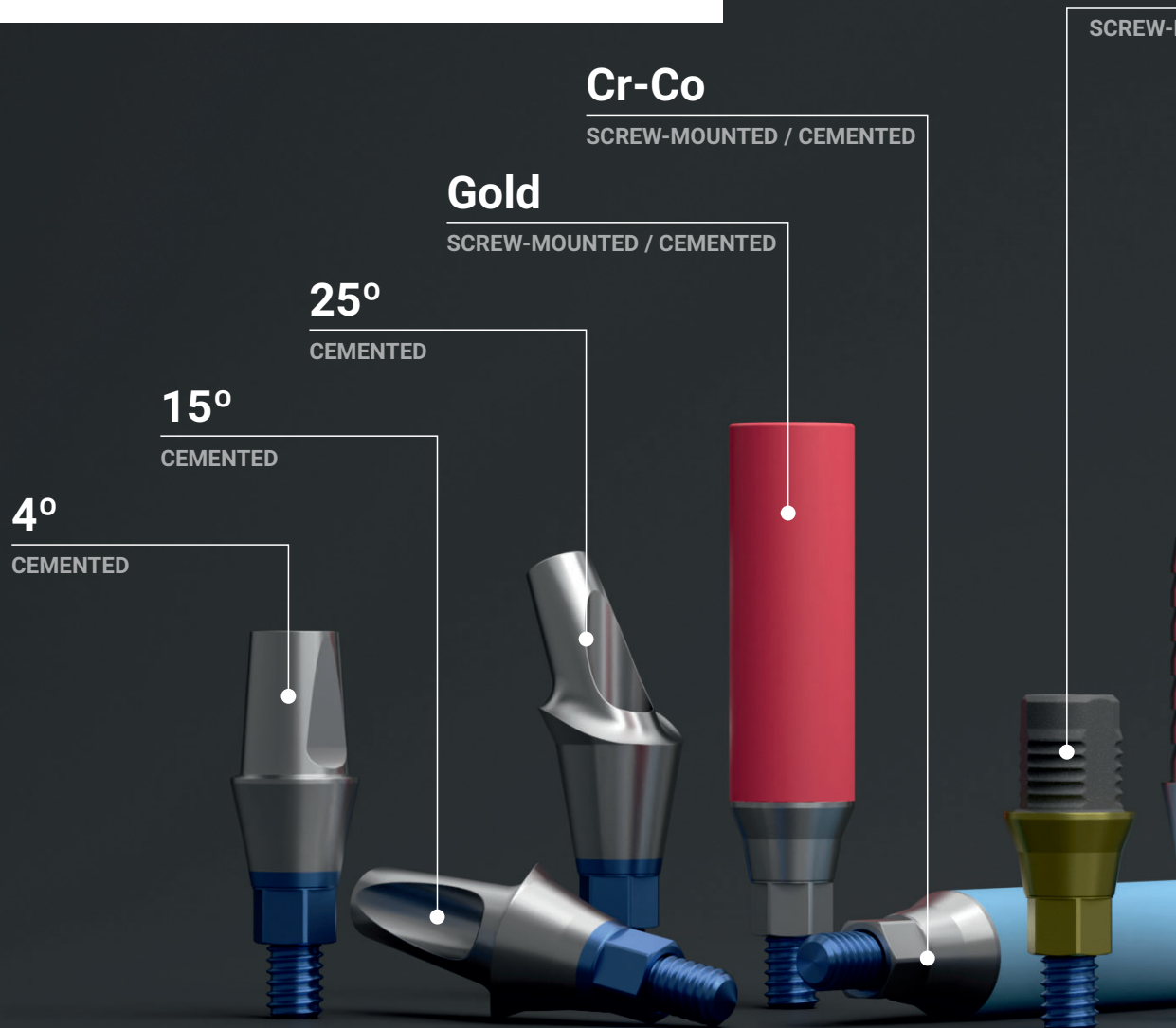




PROSTHETIC SYSTEM **RV**
VEGA® · VEGA®+

VEGA® · VEGA® +

VEGA® is the platform switching implant from KLOCKNER® Implant System for crestal level placement to individualise the treatment of hard and soft tissues.



PROSTHETIC SYSTEM RV

Ti Base

SCREW-MOUNTED / CEMENTED

Ti

PROVISIONAL

Aesthetic

PROVISIONAL

PERMANENT[®] Straight

SCREW-MOUNTED

PERMANENT[®] 18°

SCREW-MOUNTED

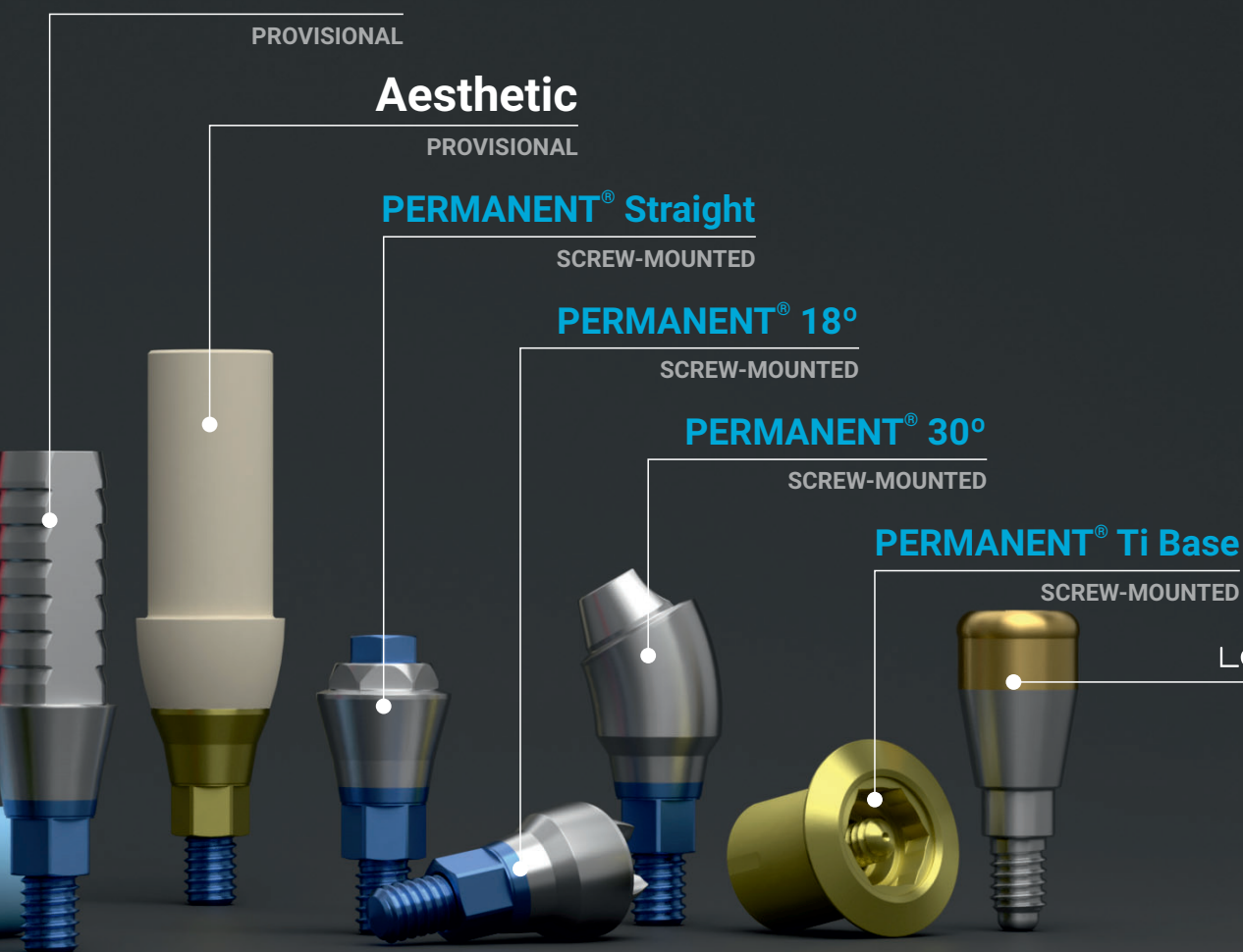
PERMANENT[®] 30°

SCREW-MOUNTED

PERMANENT[®] Ti Base

SCREW-MOUNTED

LOCATOR[®]
OVERDENTURE



"The PERMANENT[®] abutment enables its placement on the day the implant is inserted..."

PROSTHETIC SYSTEM **RV**

Analogue impression

18 09 12



18 09 13



18 09 13 L



18 09 13.2 XL



18 09 21



Digital impression

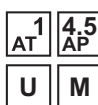
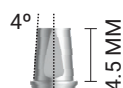
82 21 01 02



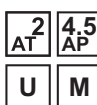
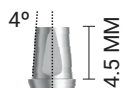
PROSTHETIC SYSTEM 4°

CEMENTED

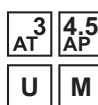
18 10 48



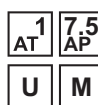
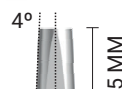
18 10 49



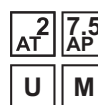
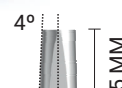
18 10 50



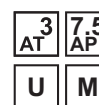
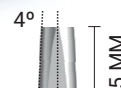
18 10 66



18 10 67



18 10 68



18 12 11



18 12 12



4°
15°
25°
Gold
Cr-Co
Ti Base
Ti
Aesthetic

18 11 02



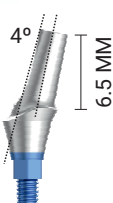
Do not apply tightening forces to the abutments and/or screws during the manufacturing process of the prosthesis. During final insertion of the prosthesis, a torque of 30 Ncm must be applied to all abutments and 15 Ncm to superstructure fixation screws Ref. 10 11 21. The abutments include screw Ref. 18 11 02.

PROSTHETIC SYSTEM 15° · 25°

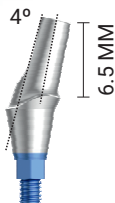
CEMENTED

15°

18 10 55

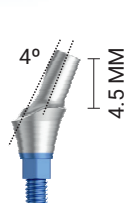


18 10 56

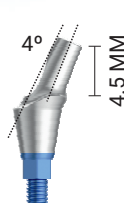


25°

18 10 57



18 10 58



PROSTHETIC SYSTEM Gold · Cr-Co · Ti Base

SCREW-MOUNTED / CEMENTED

SPECIFICATIONS OF GOLD SOLUTIONS

Composition	Au 60%, Pt 19%, Pd 20%, Ir 1%.
Melting range	1415°-1495°
Thermal expansion	[CTE 25-600°C] 12.2 µm/m°C
Colour	Red (18 10 51) /Yellow (18 10 52)
Elasticity limit	(Rp 0.2%) >640N/mm ²
Vickers Hardness	>230
Elongation	>2%
Mass 18 10 51	0.53 gr.*

*INDICATIVE MASSES. DEPENDS ON THE MANUFACTURING CHARACTERISTICS

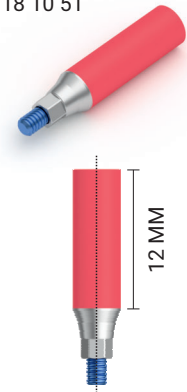
SPECIFICATIONS OF Cr-Co SOLUTIONS

Composition	Cr 26.00 - 30.00%, Mo 5.00 - 7.00%, Si ≤ 1.00%, Mn ≤ 1.00%, Ni ≤ 1.00%, Fe ≤ 0.75%, N ≤ 0.25%, C ≤ 0.14%, Co (balance)
Melting range	1390 - 1415 °C
Coefficient of thermal expansion	13.2 µm/m°C
Colour	Blue (18 10 53) / Green (18 10 54)
Elasticity limit	(Rp 0.2 %) >827 Mpa
Vickers Hardness Test	< 320 HV10
Elongation	> 12 %
Mass 18 10 13	0.25 gr*

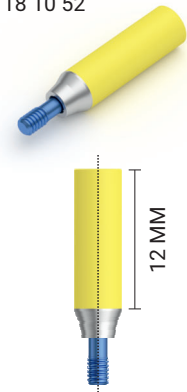
*INDICATIVE MASSES. DEPENDS ON THE MANUFACTURING CHARACTERISTICS

Gold

18 10 51

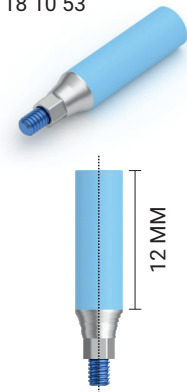


18 10 52

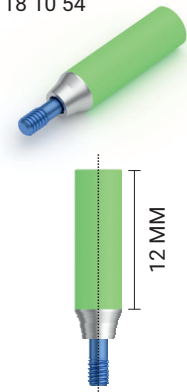


Cr-Co

18 10 53

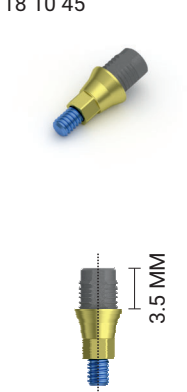


18 10 54

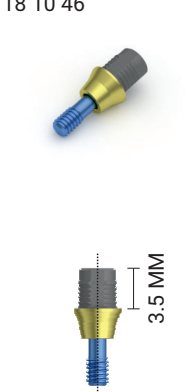


Ti Base

18 10 45



18 10 46



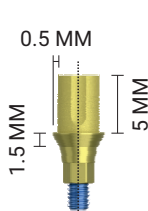
PROSTHETIC SYSTEM Base Ti

SCREW-MOUNTED / CEMENTED

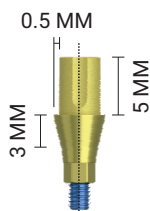
TiBase
medpro



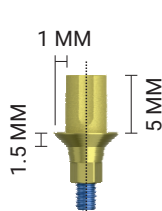
84 01 05 1



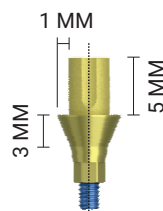
84 01 06 1



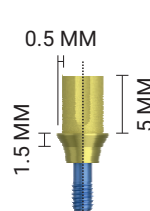
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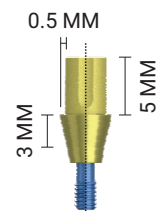
84 01 08 1



84 01 09 1



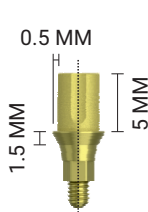
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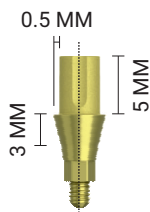
TiBase
medpro



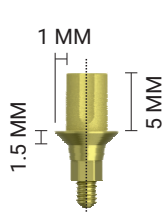
84 01 05 2



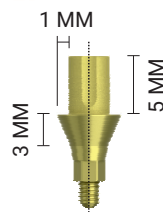
84 01 06 2



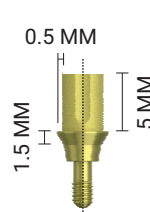
84 01 07 2



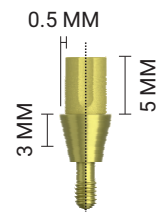
84 01 08 2



84 01 09 2



84 01 10 2



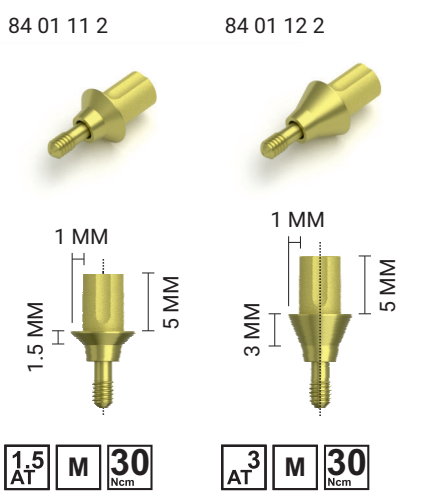
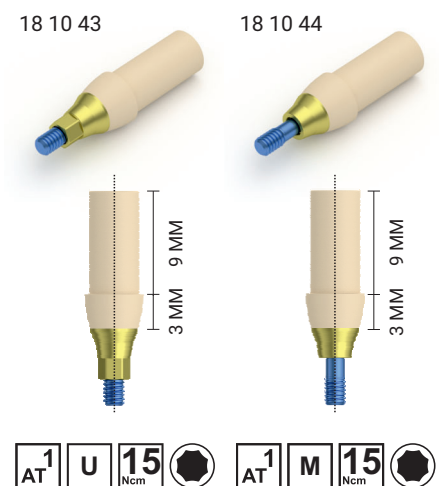
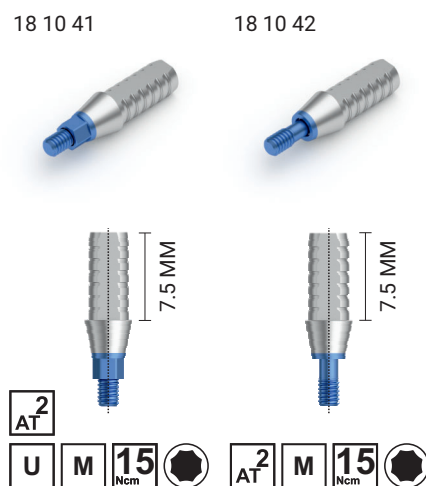
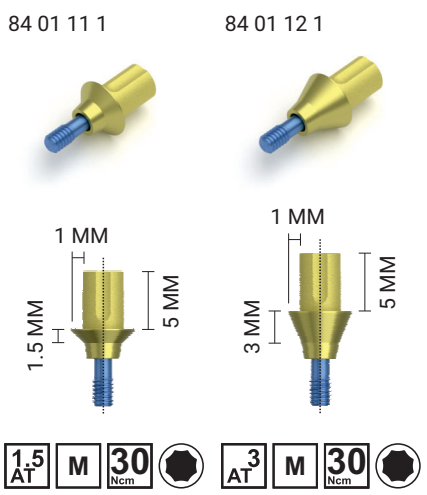
PROSTHETIC SYSTEM

Ti · Aesthetic

PROVISIONAL

Ti

Aesthetic

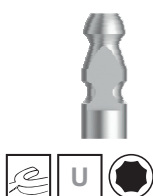


PERMANENT[®]

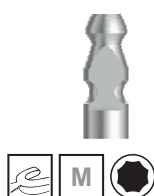
The PERMANENT[®] abutment enables its placement on the day the implant is inserted, thus facilitating work on the abutment in the manufacturing process of the prosthesis. The different transepithelial heights that are available facilitate abutment selection depending on the requirements of each case and according to the peri-implant soft tissue characteristics or treatment objectives. Using the final abutment from the moment the implant is placed helps preserve the crestal bone surrounding the implants, preventing its removal and placement during the different manufacturing stages of prosthetic restoration.

Analogue Impression

18 09 08



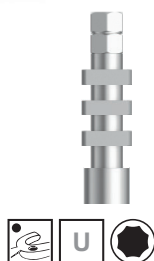
18 09 07



18 09 06



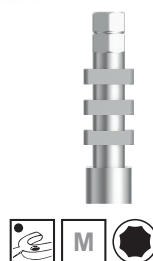
18 09 06 L



18 09 05



18 09 05 L

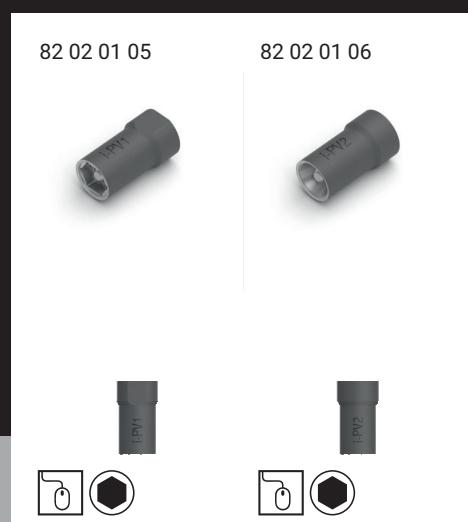


18 09 04



The VEGA® implant, along with prosthesis components that are designed for its restoration, seeks to preserve the peri-implant bone tissue and thus to achieve greater soft tissue stability; it is the preferred method of use in aesthetic sites. This objective is optimised if insertion of the implant is combined with placement of the prosthesis abutment. PERMANENT® abutments and their family of components facilitate the restorative dentist's job by not requiring removal once installed, for the purpose of performing each of the manufacturing stages of the prosthesis.

Digital Impression



PERMANENT® Straight

SCREW-MOUNTED

18 10 70 U



AT¹ U 30
Ncm

18 10 71 U



AT² U 30
Ncm

18 10 72 U



AT³ U 30
Ncm

18 10 70 M



AT¹ M 30
Ncm

18 10 71 M



AT² M 30
Ncm

18 10 72 M



AT³ M 30
Ncm

20°

1.8 MM

18 12 03



18 13 01



18 12 04



18 13 02



10 11 21



15
Ncm

PERMANENT[®] 18°
SCREW-MOUNTED

18 10 59



18 10 60



18 10 61



18 12 04



18 13 02



10 11 21



PERMANENT[®] abutments of 18° and 30° include screw Ref. 18 11 02.

PERMANENT® 30°

SCREW-MOUNTED

18 10 62



18 10 63



18 10 64



2
AT

M

30
Ncm



3
AT

M

30
Ncm



4
AT

M

30
Ncm



18 12 04



18 13 02



10 11 21



15
Ncm



PERMANENT® abutments of 18° and 30° include screw Ref. 18 11 02.

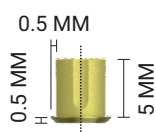
PERMANENT® Ti Base

SCREW-MOUNTED

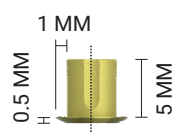
TiBase
medpro®



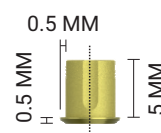
84 01 13 1



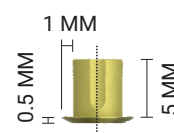
84 01 14 1



84 01 15 1



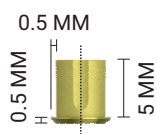
84 01 16 1



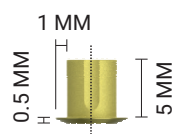
TiBase
medpro®



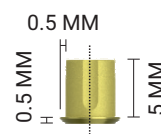
84 01 13 2



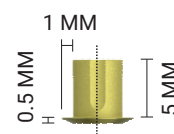
84 01 14 2



84 01 15 2



84 01 16 2



OVERDENTURES


LOCATOR®



18 16 11



18 16 12



18 16 13



18 16 14



18 16 15



AT² M 25
Ncm



AT³ M 25
Ncm



AT⁴ M 25
Ncm



AT⁵ M 25
Ncm



AT⁶ M 25
Ncm

ZD ZEST DENTAL
SOLUTIONS

10 16 14



10 16 15



10 16 19



10 16 08



10 16 17



10 16 18



10 16 20



10 16 16



10 16 07



10 16 09



10 16 10



10 16 11



10 16 12



10 16 13



LABORATORY

SCREW AND CHIMNEY PROTECTOR

10 11 08 LABORATORY SCREW M1.4

A long screw that fixes screw-mounted structures to PERMANENT® abutments during the manufacturing process. It is used manually or with the star adapter. It makes it possible to perform pick-up impressions.

10 11 09 CHIMNEY PROTECTOR

Abutment of cylindrical geometry that protects the chimney that provides access to the screw, preventing material from entering it during the wax-up process.

The castable height can be raised, keeping the access chimney clear, using the protector as a guide.

10 11 08



10 11 09



REAMERS

A manual instrument that eliminates rough surfaces caused by the casting process.

10 15 01 CHIMNEY REAMER

Once the castables have been cast, the reamer is used to buff the seating area of the screws and remove the roughness caused by the casting process. This reamer can connect to the prosthetic screwdriver handle Ref. 9060, thus facilitating its use during the reaming process.

10 15 02 SHOULDER REAMER

Castables intended to make cemented prostheses are over-contoured ["click"], which must be removed once cast. The shoulder reamer is used to buff the seating area of the superstructures and remove the roughness caused by the casting process. This reamer can connect to the prosthetic screwdriver handle Ref. 9060, thus facilitating its use during the reaming process.

10 15 01



10 15 02



9060



Reaming is indispensable when using castables that have been cast.



PROSTHETIC PLANNING KIT

A specific planning kit for the VEGA® and VEGA® + systems to easily plan the restoration inside the mouth and in the model, offering the dentist and laboratory technician a selection of abutments of the appropriate shape and size for each patient.

KIT 18 00 01 PROSTHETIC PLANNING KIT VEGA®

10 08 11 L LONG STAR TORQUE WRENCH ADAPTER
10 11 08 EC 30° MUTI-CONE LAB SCREW

MV

18 11 03 MV STAR SCREW

18 10 84 LAB MV ZERO ABUTMENT TRIAL

18 10 85 LAB MV ANATOMICAL STRAIGHT ABUTMENT [2.0 MM] TRIAL
18 10 86 LAB MV ANATOMICAL STRAIGHT ABUTMENT [3.0 MM] TRIAL
18 10 87 LAB MV ANATOMICAL STRAIGHT ABUTMENT [4.0 MM] TRIAL



NV

18 11 01 NV STAR SCREW

18 10 07 LAB NV ZERO ABUTMENT TRIAL

18 10 08 LAB NV STRAIGHT ABUTMENT [AT1-AP4.5] TRIAL
18 10 09 LAB NV STRAIGHT ABUTMENT [AT2-AP4.5] TRIAL
18 10 10 LAB NV STRAIGHT ABUTMENT [AT3-AP4.5] TRIAL

18 10 15 LAB NV 15° ANGLED ABUTMENT [2.0 MM] TRIAL
18 10 16 LAB NV 15° ANGLED ABUTMENT [3.0 MM] TRIAL
18 10 17 LAB NV 25° ANGLED ABUTMENT [2.0 MM] TRIAL
18 10 18 LAB NV 25° ANGLED ABUTMENT [3.0 MM] TRIAL

18 10 19 LAB NV 15° ANGLED PERMANENT ABUTMENT [2.0 MM] TRIAL
18 10 20 LAB NV 18° ANGLED PERMANENT ABUTMENT [3.0 MM] TRIAL
18 10 21 LAB NV 15° ANGLED PERMANENT ABUTMENT [4.0 MM] TRIAL

18 10 22 LAB NV 30° ANGLED PERMANENT ABUTMENT [2.0 MM] TRIAL
18 10 23 LAB NV 30° ANGLED PERMANENT ABUTMENT [3.0 MM] TRIAL
18 10 24 LAB NV 30° ANGLED PERMANENT ABUTMENT [4.0 MM] TRIAL

18 10 30 M LAB NV MULTI STRAIGHT PERMANENT ABUTMENT [1.0 MM] TRIAL
18 10 31 M LAB NV MULTI STRAIGHT PERMANENT ABUTMENT [2.0 MM] TRIAL
18 10 32 M LAB NV MULTI STRAIGHT PERMANENT ABUTMENT [3.0 MM] TRIAL

RV

18 11 02 RV STAR SCREW

18 10 48 LAB RV STRAIGHT ABUTMENT [AT1-AP4.5] TRIAL
18 10 49 LAB RV STRAIGHT ABUTMENT [AT2-AP4.5] TRIAL
18 10 50 LAB RV STRAIGHT ABUTMENT [AT3-AP4.5] TRIAL

18 10 55 LAB RV 15° ANGLED ABUTMENT [2.0 MM] TRIAL
18 10 56 LAB RV 15° ANGLED ABUTMENT [3.0 MM] TRIAL

18 10 57 LAB RV 25° ANGLED ABUTMENT [2.0 MM] TRIAL
18 10 58 LAB RV 25° ANGLED ABUTMENT [3.0 MM] TRIAL

18 10 59 LAB RV 15° ANGLED PERMANENT ABUTMENT [2.0 MM] TRIAL
18 10 60 LAB RV 15° ANGLED PERMANENT ABUTMENT [3.0 MM] TRIAL
18 10 61 LAB RV 15° ANGLED PERMANENT ABUTMENT [4.0 MM] TRIAL

18 10 62 LAB RV 30° ANGLED PERMANENT ABUTMENT [2.0 MM] TRIAL
18 10 63 LAB RV 30° ANGLED PERMANENT ABUTMENT [3.0 MM] TRIAL
18 10 64 LAB RV 30° ANGLED PERMANENT ABUTMENT [4.0 MM] TRIAL

18 10 70 M LAB RV MULTI STRAIGHT PERMANENT ABUTMENT [1.0 MM] TRIAL
18 10 71 M LAB RV MULTI STRAIGHT PERMANENT ABUTMENT [2.0 MM] TRIAL
18 10 72 M LAB RV MULTI STRAIGHT PERMANENT ABUTMENT [3.0 MM] TRIAL

PRODUCT WARNINGS

IMPRESSIONS

General comments:

- Individual trays must be used for impressions, made for each case.
- In addition, use quality materials and follow the manufacturer's instructions for use.
- Check that the implant connection is clean (blood, residue...).
- Take the necessary precautions to prevent items coming undone within the oral cavity, which could lead to possible swallowing or choking.

18 09 12 / 18 09 08 / 18 09 07

In case of a single unit, check that the flat faces are perfectly recorded in the impression.

18 09 05 / 18 09 06 / 18 09 13 / 18 09 13 L

- Keep the screw area clear, removing any excess impression material before it sets.
- According to the relationship between the antagonist and adjacent teeth, the gingival height, select the appropriate transfer, long or short, according to product availability.
- The correct transfer seating in the implant and/or abutment must be confirmed when choosing the direct impression technique for the latter.

EMPTYING

Check the stability of the replica-transfer assembly in the impression before emptying. Use quality materials and follow the manufacturer's instructions for use.

RV ABUTMENTS

General comments:

- Do not apply tightening forces [maximum 5 Ncm] to the abutments during the manufacturing process of the prosthesis until their final insertion, when a torque of 30 Ncm should be applied.
- It is important that the torque should never exceed 30 Ncm.
- In case of provisional solutions, the torque to be applied for placement is 15 Ncm.
- Use of the corresponding castable and reamer is crucial for obtaining a superstructure with an optimal fit.

STRAIGHT RV ABUTMENTS

18 10 48 / 18 10 49 / 18 10 50 / 18 10 66 / 18 10 67 / 18 10 68

Do not drill at a height below 4 mm.

ABUTMENTS OF 15° AND 25° RV

18 10 55 / 18 10 56 / 18 10 57 / 18 10 58

Do not drill at a height below 4 mm.

GOLD BASE ABUTMENT RV

18 10 51 / 18 10 52

An alloy must be chosen for cast-to, pursuant to ISO 9693-1 and ISO 22674 standards. The gold base abutment can be drilled 4 mm from the connection gap at most, and the diameter of this area may not be lowered to prevent metal exposure. The maximum length of the restoration must not exceed 14mm. The maximum angulation must be below 30° with respect to the dental implant axis. [See metal specifications].

Cr-Co-BASED ABUTMENTS RV

18 10 53/18 10 54

An alloy must be chosen for cast-to, pursuant to ISO 9693-1 and ISO 22674 standards. The Cr-Co base abutment can be drilled 4 mm from the connection gap at most, and the diameter of this area may not be lowered to prevent metal exposure. The maximum length of the restoration must not exceed 14 mm. The maximum angulation must be below 30° with respect to the dental implant axis. [See metal specifications].

PERMANENT® RV ABUTMENTS · OCCLUSAL SCREW

18 10 59 / 18 10 60 / 18 10 61 / 18 10 62 / 18 10 63 / 18 10 64 / 18 10 70 M /

18 10 71 M / 18 10 72 M / 18 10 70 U / 18 10 71 U / 18 10 72 U

Do not apply tightening forces [maximum 5 Ncm] to the PERMANENT® RV Abutments during the manufacturing process of the prosthesis until their final insertion, when a torque of 30 Ncm should be applied. A torque of 15 Ncm must be applied to the superstructure fixation screws, the occlusal screw. Exceeding the torque of 15 Ncm may result in the screw breaking. The PERMANENT® RV abutments [occlusal screw] are not drillable.

PROVISIONAL ABUTMENTS

18 10 42 / 18 10 41

Manufactured in titanium, they must be drilled with appropriate drills. Provisional solutions must remain in the mouth for a maximum of 90 days. The torque to be applied for final placement is 15 Ncm.

AESTHETIC PROVISIONAL ABUTMENTS

18 10 43/18 10 44

Manufactured in PMMA with the titanium interface to the implant and a titanium fixation screw. Drilling must respect the titanium interface to prevent the aesthetic coating material from breaking. Provisional solutions must remain in the mouth for a maximum of 28 days. The torque to be applied for final placement is 15 Ncm.

OVERDENTURES · RV LOCATOR®

18 16 11/18 16 12/18 16 13/18 16 14/18 16 15

Indicated for manufacturing implant-retained overdentures on VEGA® RV implants.

General comments: A torque of 30 Ncm must be applied during its final placement. The shoulder support of the retentive connector must remain exposed in all cases. The cavities that will completely house the retentive connectors must not be filled in as excess acrylic material is not advisable. It is better to make a lingual canal to ensure the excess does not prevent the correct seating of the overdenture. In case splinting of the connectors takes place in the mouth, a protector should be placed [for example, a rubber dam] to prevent possible excess resin from seeping under the neck of the Locator® retentive abutment. Different transmucosal heights facilitate the use of the Locator® system, whether in the case of gums with a fine biotype or hypertrophic gums.

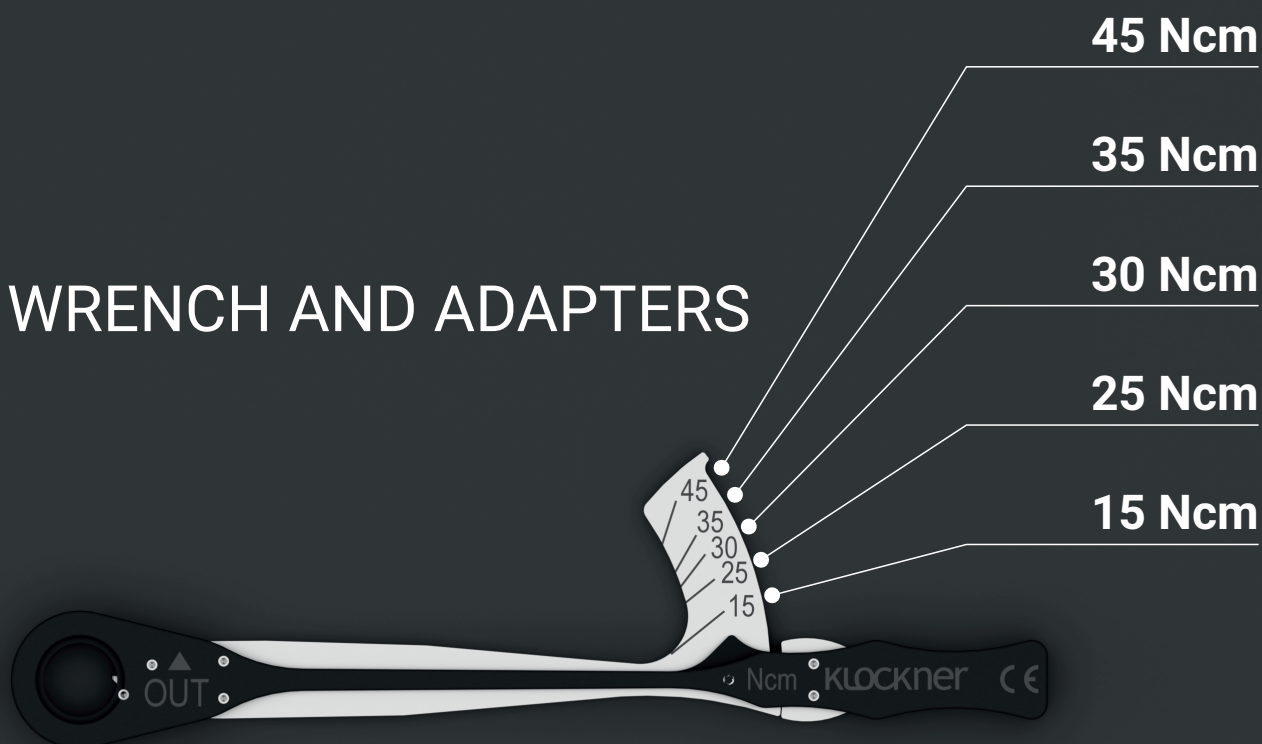
PROSTHETIC PLANNING KIT

The items included in the prosthetic study kit must be cleaned, disinfected and sterilised, if they are to be used in the oral cavity [steam sterilisation at 134 °C, 4 min]. The abutments included in the prosthetic study kit are unsuitable for the manufacture of dental prostheses.

Ti BASE

The titanium base is used to design the ceramic prosthesis through the CAD/CAM system. Use the Ti base to create a customised structure and combine an optimal anatomical contour with an aesthetic finish in the supragingival area.

WRENCH AND ADAPTERS

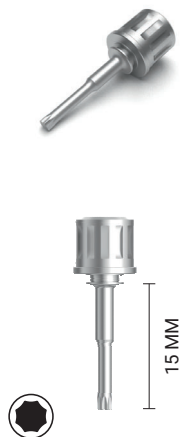


TORQUE WRENCH

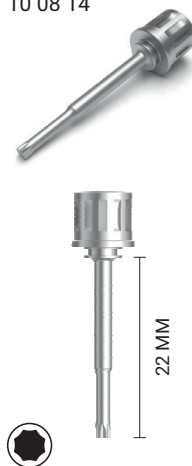
10 08 11



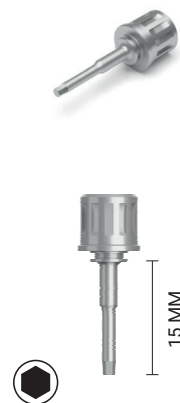
10 08 11 L



10 08 14



50 08 04

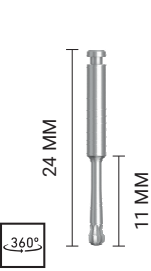



50 08 05

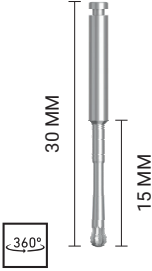



CONTRA-ANGLE



86 000 01



86 000 02



86 000 03



18 07 30

18 07 31

JDTWKL







LISTADO DE REFERENCIAS

Impressions

18 09 12	RV TRANSFER [CLOSED TRAY]
18 09 13	RV TRANSFER [OPEN TRAY]
18 09 13 L	RV LONG TRANSFER [OPEN TRAY]
18 09 13.2 XL	RV EXTRA LONG SCREW TRANSFER [OPEN TRAY]
18 09 21	RV ANALOG

82 21 01 02	i-RV 1 SCAN ABUTMENT
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Straight

18 10 48	RV STRAIGHT ABUTMENT [AT1-AP4.5]
18 10 49	RV STRAIGHT ABUTMENT [AT2-AP4.5]
18 10 50	RV STRAIGHT ABUTMENT [AT3-AP4.5]
18 10 66	RV STRAIGHT ABUTMENT [AT1-AP 7,5]
18 10 67	RV STRAIGHT ABUTMENT [AT2-AP7,5]
18 10 68	RV STRAIGHT ABUTMENT [AT3-AP7,5]

18 12 11	RV CASTABLE FOR STRAIGHT ABUT. [SINGLE][AP4.5]
18 12 12	RV CASTABLE FOR STRAIGHT ABUT. [MULTIPLE][AP4.5]

15°

18 10 55	RV 15° ANGLED ABUTMENT [2.0 MM]
18 10 56	RV 15° ANGLED ABUTMENT [3.0 MM]

25°

18 10 57	RV 25° ANGLED ABUTMENT [2.0 MM]
18 10 58	RV 25° ANGLED ABUTMENT [3.0 MM]

Gold

18 10 51	RV GOLD ABUTMENT [SINGLE]
18 10 52	RV GOLD ABUTMENT [MULTIPLE]

Cr-Co

18 10 53	RV Cr-Co ABUTMENT [SINGLE]
18 10 54	RV Cr-Co ABUTMENT [MULTIPLE]

Ti Base

18 10 45	RV TITANIUM BASE ABUTMENT [SINGLE]
18 10 46	RV TITANIUM BASE ABUTMENT [MULTIPLE]

84 01 05 1	RV VEGA® TiBASE [S-TH1,5-W0,5]
84 01 06 1	RV VEGA® TiBASE [S-TH3-W0,5]
84 01 07 1	RV VEGA® TiBASE [S-TH3-W0,5]
84 01 08 1	RV VEGA® TiBASE [S-TH3-W1]
84 01 09 1	RV VEGA® TiBASE [M-TH1,5-W0,5]
84 01 10 1	RV VEGA® TiBASE [M-TH3-W0,5]
84 01 11 1	RV VEGA® TiBASE [M-TH1,5-W1]
84 01 12 1	RV VEGA® TiBASE [M-TH3-W1]

84 01 05 2	RV VEGA® TiBASE [S-TH1,5-W0,5] MP360
84 01 06 2	RV VEGA® TiBASE [S-TH3-W0,5] MP360
84 01 07 2	RV VEGA® TiBASE [S-TH1,5-W1] MP360
84 01 08 2	RV VEGA® TiBASE [S-TH3-W1] MP360
84 01 09 2	RV VEGA® TiBASE [M-TH1,5-W0,5] MP360
84 01 10 2	RV VEGA® TiBASE [M-TH3-W0,5] MP360
84 01 11 2	RV VEGA® TiBASE [M-TH1,5-W1] MP360
84 01 12 2	RV VEGA® TiBASE [M-TH3-W1] MP360

Ti

18 10 42	RV TITANIUM TEMPORARY ABUTMENT [MULTIPLE]
18 10 41	RV TITANIUM TEMPORARY ABUTMENT [SINGLE]

Aesthetic

18 10 43	RV PMMA TEMPORARY ABUTMENT [SINGLE]
18 10 44	RV PMMA TEMPORARY ABUTMENT [MULTIPLE]

18 11 02	RV STAR SCREW
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PERMANENT®

Impressions

18 09 08	SINGLE TRANSFER FOR PERMANENT® ABUTMENT [CT]
18 09 07	MULTIPLE TRANSFER FOR PERMANENT® ABUTMENT [CT]
18 09 06	SINGLE TRANSFER FOR PERMANENT® ABUTMENT [OT]
18 09 06 L	NV LONG SINGLE TRANSFER FOR PERMANENT® ABUT [OT]
18 09 05	MULTIPLE TRANSFER FOR PERMANENT® ABUTMENT [OT]
18 09 05 L	NV LONG MULTIPLE TRANSFER FOR PERMANENT® ABUT [OT]
18 09 04	ALOG FOR PERMANENT® ABUTMENT

82 02 01 05	i-PV 1 SCAN ABUTMENT
82 02 01 06	i-PV 2 SCAN ABUTMENT

Straight

18 10 70 U	RV SINGLE STRAIGHT PERMANENT® ABUTMENT [1.0 MM]
18 10 71 U	RV SINGLE STRAIGHT PERMANENT® ABUTMENT [2.0 MM]
18 10 72 U	RV SINGLE STRAIGHT PERMANENT® ABUTMENT [3.0 MM]
18 10 70 M	RV MULTIPLE STRAIGHT PERMANENT® ABUTMENT [1.0 MM]
18 10 71 M	RV MULTIPLE STRAIGHT PERMANENT® ABUTMENT [2.0 MM]
18 10 72 M	RV MULTIPLE STRAIGHT PERMANENT® ABUTMENT [3.0 MM]

18°

18 10 59	RV 18° ANGLED PERMANENT® ABUTMENT [2.0 MM]
18 10 60	RV 18° ANGLED PERMANENT® ABUTMENT [3.0 MM]
18 10 61	RV 18° ANGLED PERMANENT® ABUTMENT [4.0 MM]

30°

18 10 62	RV 30° ANGLED PERMANENT® ABUTMENT [2.0 MM]
18 10 63	RV 30° ANGLED PERMANENT® ABUTMENT [3.0 MM]
18 10 64	RV 30° ANGLED PERMANENT® ABUTMENT [4.0 MM]

18 12 03	CASTABLE FOR PERMANENT® ABUTMENT [SINGLE]
18 13 01	TITANIUM FITTING FOR PERMANENT® ABUTMENT [SINGLE]

18 12 04	CASTABLE FOR PERMANENT® ABUTMENT [MULTIPLE]
18 13 02	TITANIUM FITTING FOR PERMANENT® ABUTMENT [MULTIPLE]

Ti Base

84 01 13 1	PERMANENT® VEGA® TiBASE [U-AT0,5-A0,5]
84 01 14 1	PERMANENT® VEGA® TiBASE [S-TH0,5-W1]
84 01 15 1	PERMANENT® VEGA® TiBASE [M-TH0,5-W0,5]
84 01 16 1	PERMANENT® VEGA® TiBASE [M-TH0,5-W1]

84 01 13 2	PERMANENT® VEGA® TiBASE [S-TH0,5-W0,5] MP360
84 01 14 2	PERMANENT® VEGA® TiBASE [S-TH0,5-W1] MP360
84 01 15 2	PERMANENT® VEGA® TiBASE [M-TH0,5-W0,5] MP360
84 01 16 2	PERMANENT® VEGA® TiBASE [M-TH0,5-W1] MP360

10 11 21	MICRO STAR SCREW
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LOCATOR®

18 16 11	RV ABUTMENT LOCATOR® [2.0 MM]
18 16 12	RV ABUTMENT LOCATOR® [3.0 MM]
18 16 13	RV ABUTMENT LOCATOR® [4.0 MM]
18 16 14	RV ABUTMENT LOCATOR® [5.0 MM]
18 16 15	RV ABUTMENT LOCATOR® [6.0 MM]
10 16 07	LOCATOR® DENTURE CAP MALE PACKAGE
10 16 09	LOCATOR® REPLACEMENT MALE [WHITE]
10 16 10	LOCATOR® LIGHT RETENTION REPLACEMENT MALE [PINK]
10 16 11	LOCATOR® EXTRA LIGHT RETENTION REPLACEMENT MALE [BLUE]
10 16 12	LOCATOR® EXTENDED RANGE REPLACEMENT MALE [GREEN]
10 16 13	LOCATOR® EXTRA LIGHT EXTENDED RANGE MALE [RED]
10 16 09	LOCATOR® REPLACEMENT MALE [WHITE]
10 16 14	LOCATOR® IMPRESSION COPING
10 16 15	LOCATOR® FEMALE ANALOG [5 MM DIAM.]
10 16 16	LOCATOR® CORE TOOL
10 16 17	LOCATOR® 30 NCM TORQUE WRENCH DRIVER [15 MM]
10 16 18	LOCATOR® 30 NCM TORQUE WRENCH DRIVER [21 MM]
10 16 19	LOCATOR® PARALLEL POST
10 16 20	ANGLE MEASUREMENT GUIDE

LABORATORY

10 11 08	EC 30° MUTI-CONE LAB SCREW
10 11 09	CHIMNEY PROTECTOR
10 15 01	CHIMNEY REAMER
10 15 02	SHOULDER REAMER
9060	PROSTHETIC DRIVER HANDLE






















WRENCHES AND ADAPTERS

JDTWKL	JDTORQUE® TORQUE WRENCH
10 08 11	STAR TORQUE WRENCH ADAPTER
10 08 11 L	LONG STAR TORQUE WRENCH ADAPTER
10 08 14	EXTRA LONG STAR TORQUE WRENCH ADAPTER
18 07 30	PERMANENT® ABUTMENT ADAPTER [MULTIPLE]
18 07 31	PERMANENT® ABUTMENT ADAPTER [SINGLE]
50 08 04	1.2 MM HEX LONG TORQUE WRENCH ADAPTER
50 08 05	1.2 MM HEX TORQUE WRENCH ADAPTER

CONTRA-ANGLE WRENCH

86 000 01	MEDPRO360° CONTRA ANGLE LONG TIP
86 000 02	MEDPRO360° CONTRA ANGLE EXTRA LONG TIP
86 000 03	MEDPRO360° CONTRA ANGLE TIP ADAPTER

SYMBOLS AND NOTES

	Closed tray		Transmucosal height 0.5 mm		Anatomical abutment body
	Open tray		Transmucosal height 1.0 mm		Single solution
	Digital		Transmucosal height 1.5 mm		Multiple solution
	Star tip		Transmucosal height 2.0 mm		
	Hexagonal tip		Transmucosal height 3.0 mm		MEDPRO 360° System
	Placement at 15 Ncm		Transmucosal height 4.0 mm		Prosthetic height 4.5 mm
	Placement at 25 Ncm		Transmucosal height 5.0 mm		Prosthetic height 7.5 mm
			Transmucosal height 6.0 mm		

All KLOCKNER® IMPLANT SYSTEM products follow the laws and regulations applicable to medical devices, such as: European directives MDD 93/42/EEC, amended by 2007/47/EC · US FDA 21 CFR Part 820 Regulations · EN ISO 13485 Quality Standards and other applicable standards and regulations.



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