

Kontakt™ W

- USER MANUAL -

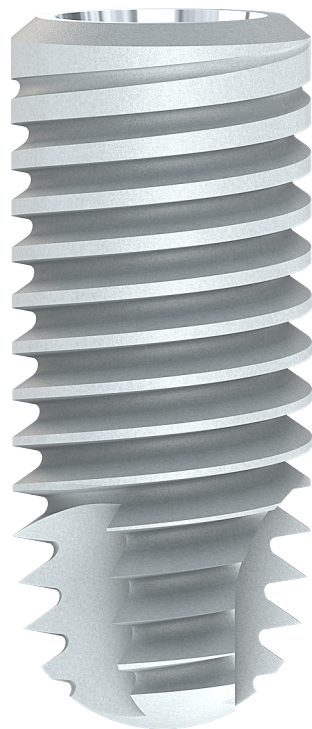


BIOTECH DENTAL

Warnings and advices

The **Kontakt™W** implant is intended to practitioners with proper implantology training. They must have the Kontakt™W dedicated surgery kit.

Information in this document are related to Kontakt™W implant only.



The Kontakt™W system must only be used with Biotech Dental's components and tools dedicated for Kontakt™W range, and in compliance with instructions, protocols and advices available in the company's documents.

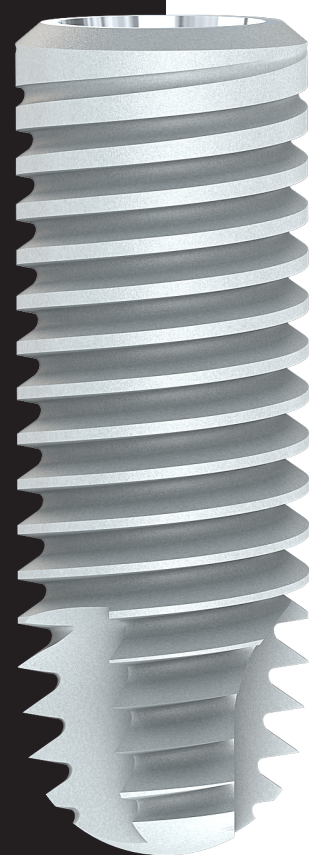
The practitioner is held responsible for any complications that may arise from non-conforming use or from a lack of asepsis. These complications cannot be attributed to Biotech Dental in any way.

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1

KONTACT™ W IMPLANTS



Principles & Benefits

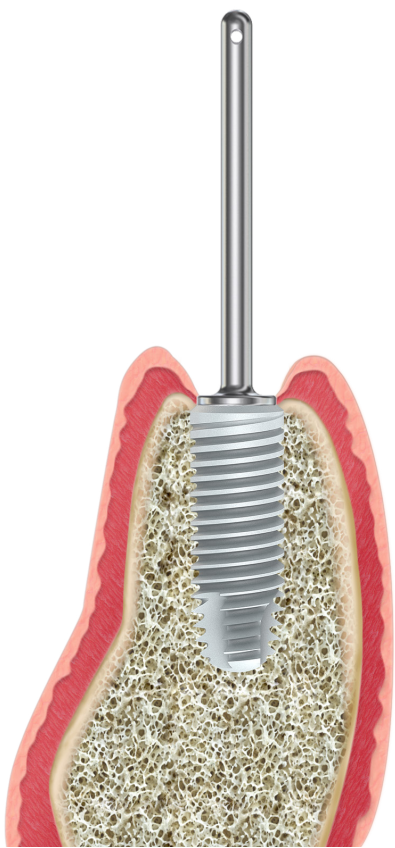
The Kontakt™ W implant was born from an innovative concept. Designed with scientific knowledge in implantology established for more than 35 years, and current manufacturing requirements. The Kontakt™ W increases technical performances with a high quality level.

The Kontakt™ W implant is manufactured to the highest standards on the market. It meets quality and control standards in force.

Production is exclusively made in France, by respecting the principles of high precision micromechanics. In this way, the Kontakt™ W implant is certified by the label "Origine France Garantie*".

A complete monitoring of products, from raw material to marketing.

Its purpose is to facilitate implantology access for both practitioners and patients, by providing all the elements necessary for high quality results.

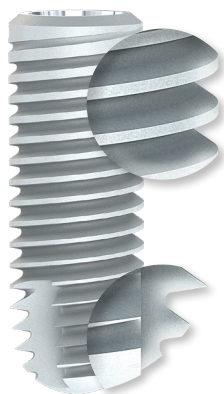


The Kontakt™ W implant has the following advantages:

- Design and production based on scientific basis
- Easy to use
- Streamlined range

Design

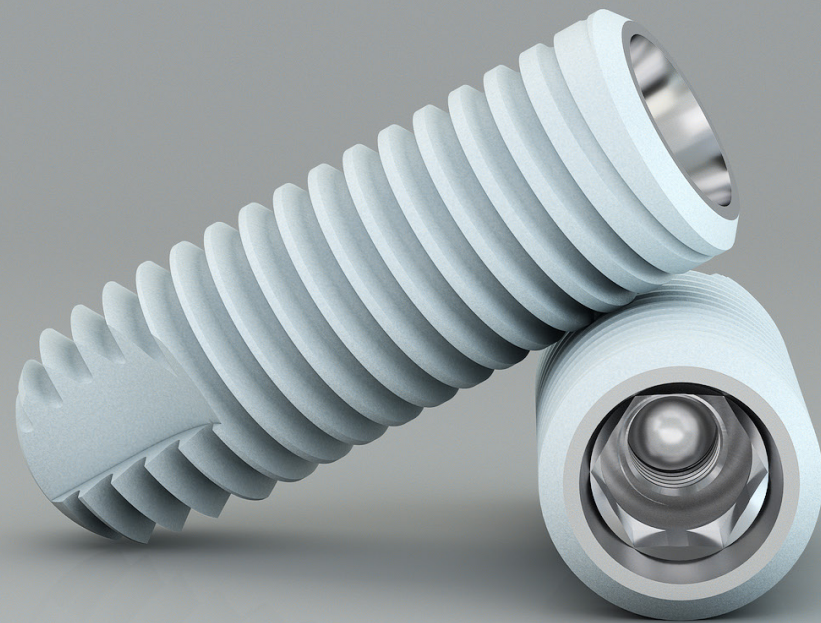
Cylindrical-conical implant
Double thread
Conical pitch thread



1. Technical features

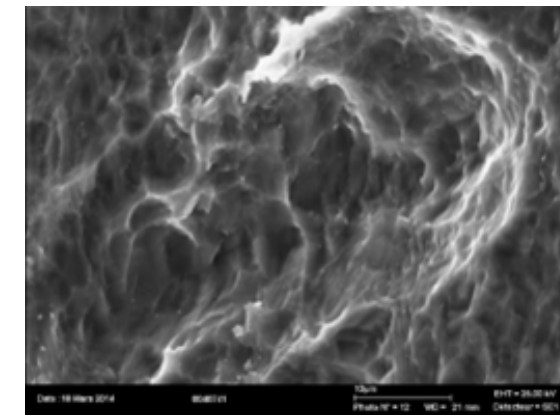
The Kontakt™ W implant could be used in any dental implantology clinical indications, whatever the bone density.

- ✓ Material: Pure grade 4B (T60) titanium combining biocompatibility and strength
- ✓ Double thread
- ✓ Variable pitch thread
- ✓ Atraumatic spherical apex
- ✓ Use of a single surgery kit for all **Kontakt™ W** implants

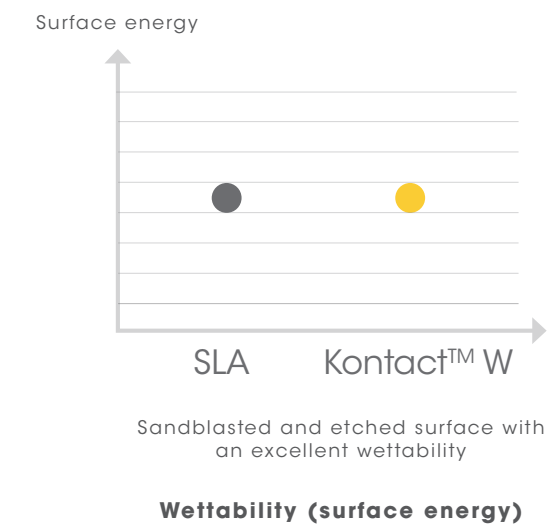


2. Surface

Its sandblasted and etched surface, **Sa from 1.7 +/- 0.7 µm**, provides an excellent wettability for a **better osseointegration and promotes bone healing**.



Surface x 2,000



3. Connection

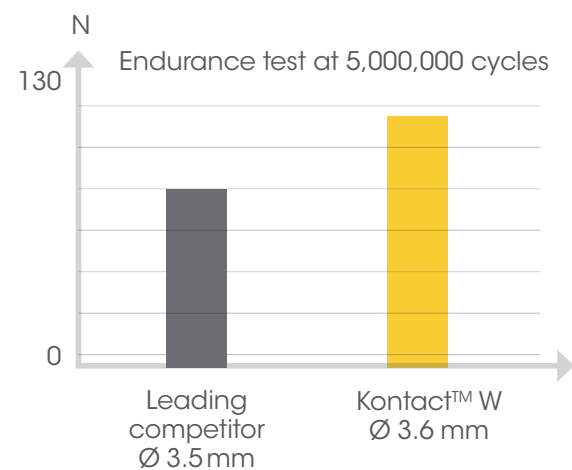
All prosthetic parts are compatible with the different implant diameters because the **implants internal connection is common to all references** (3.6 – 4.2 and 4.8 mm diameters).

Conical connection with hexagonal indexing.

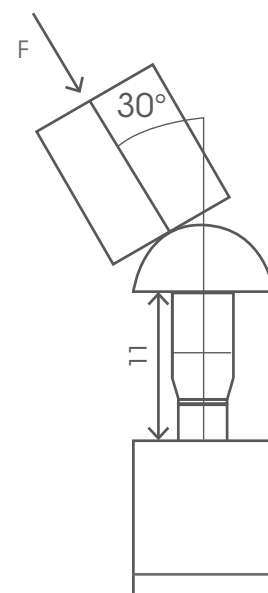


Mechanical strength

Cylindrical-conical implant



Mechanical test on Kontakt™ W implant:
"CET0112913"



4. Implants packaging

Kontakt™ W packaging features

- ✓ External packaging in cardboard with a double sterile barrier
- ✓ Traceability label containing all the implant information
- ✓ Stable implant holder to place it on the operating area
- ✓ Cover screw delivered with the implant
- ✓ Titanium collar and stop on both sides of the implant to avoid contact with the plastic
- ✓ The reminder label with the implant size is on the implant holder

1



Open the cardboard packaging, held closed with tamper-proof seals

2



Open the blister pack containing the implant holder (2nd sterile barrier)

3



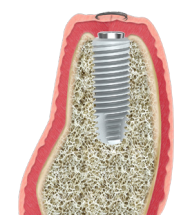
Place the implant holder on the sterile area and open the second cap (1st sterile barrier)

4



Grip the implant with the dedicated mountdriver

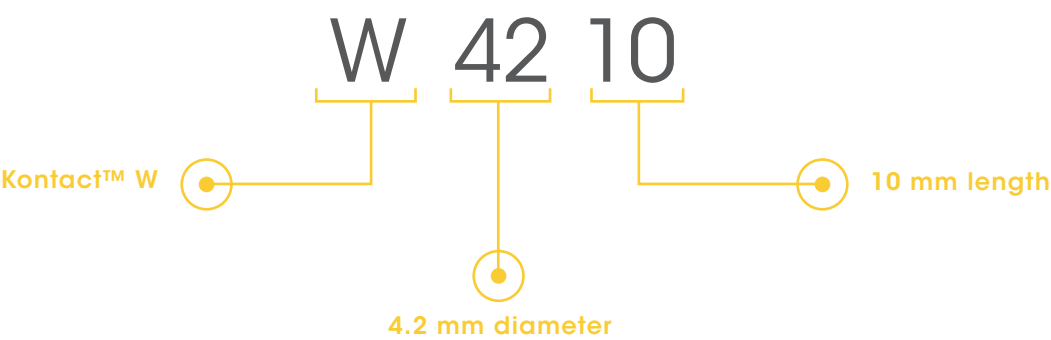
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Implant placement juxta-crestal or slightly sub-crestal (0.5mm)

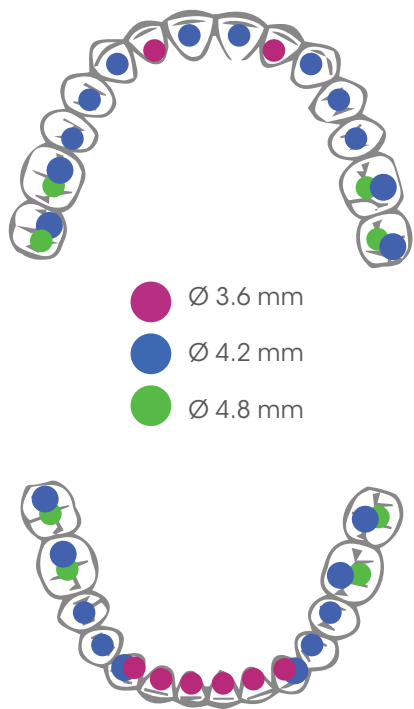
5. Referencing system and range

Each Kontakt™ W implant has its own reference and colour

















Recommended implant diamteres

The different diameters should be chosen according to the tooth to be replaced (see drawing below)



The Kontakt™W implant has 3 diameters and 5 lengths:

Lengths	Diameters		
	● Ø 3.6 mm	● Ø 4.2 mm	● Ø 4.8 mm
6mm		 W4206	 W4806
8mm	 W3608	 W4208	 W4808
10mm	 W3610	 W4210	 W4810
12mm	 W3612	 W4212	 W4812
14mm	 W3614	 W4214	 W4814

SURGERY

2

SURGICAL KIT



- ✓ **Compact** for minimal space requirements and optimal storage.
- ✓ **Quick** and easy identification of the instruments thanks to the colour marking.
- ✓ **Convenient** with an easy and fast access to the instruments.
- ✓ **Complete dismantling** for easy cleaning.

1. Ancillaries features

Drills and reamers

- Complete range of drills and reamers
- Innovative treatment: matt drill body to avoid scyalitic reflection
- Drills with 2 lengths to adapt any clinical situations
- Clear and precise marking on drills and reamers, to indicate different drilling depths
- Removable and reusable stops for the perfect management of drilling depths

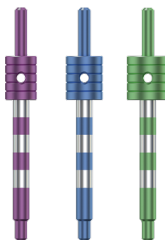


Gauges

Different gauges with clear, precise identical markings to the drills are available for better evaluation:

Axial gauges

- Control the drilling axis and depth
- Visualise the future implant position
- Estimate the gingival height regardless of the implant diameter



Axial and depth gauges

To view the drilling depth according to the implant diameter










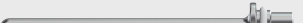
Parallelism gauge for direct implant

This gauge confirms the implant axis once placed in the bone



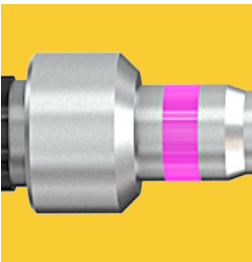
2. Instruments references

	References	Designations
	1001SI	Marking drill Ø1.5mm without irrigation
	WFE20	Short drill Ø2.0mm
	WFE20L	Long drill Ø2.0mm
	WFE30	Short drill Ø 3.0 mm
	WFE30L	Long drill Ø3.0mm
	WFE36	Short drill Ø 3.6 mm
	WFE36L	Long drill Ø3.6mm
	WFE42	Short drill Ø 4.2 mm
	WFE42L	Long drill Ø4.2mm
	WFE48	Short drill Ø 4.8 mm
	WFE48L	Long drill Ø4.8mm
	WF36	Short reamer drill Ø3.6mm
	WF36L	Long reamer drill Ø3.6mm
	WF42	Short reamer drill Ø4.2mm
	WF42L	Long reamer drill Ø4.2mm
	WF48	Short reamer drill Ø4.8mm
	WF48L	Long reamer drill Ø4.8mm
	1028	Drill extension
	WMPI	Chuck and screwdriver
	WMPIL	Manual long chuck and screwdriver
	WMPICA	Chuck and screwdriver for contra angle
	WMPICAL	Long chuck and screwdriver for contra angle
	KCCD	Torq wrench key (for surgery) Kontakt
	1032	Hexagonal prosthesis screwdriver
	1032L	Long hexagonal manual screwdriver

	References	Designations
	WJA36	Axial and depth gauge Ø3.6mm
	WJA42	Axial and depth gauge Ø4.2mm
	WJA48	Axial and depth gauge Ø4.8mm
	WJP36	Terminal drilling depth gauge Ø3.6mm
	WJP42	Terminal drilling depth gauge Ø4.2mm
	WJP48	Terminal drilling depth gauge Ø4.8mm
	WJP30	Axial and depth gauge Ø3.0mm
	WJAI	Axial gauge for implant

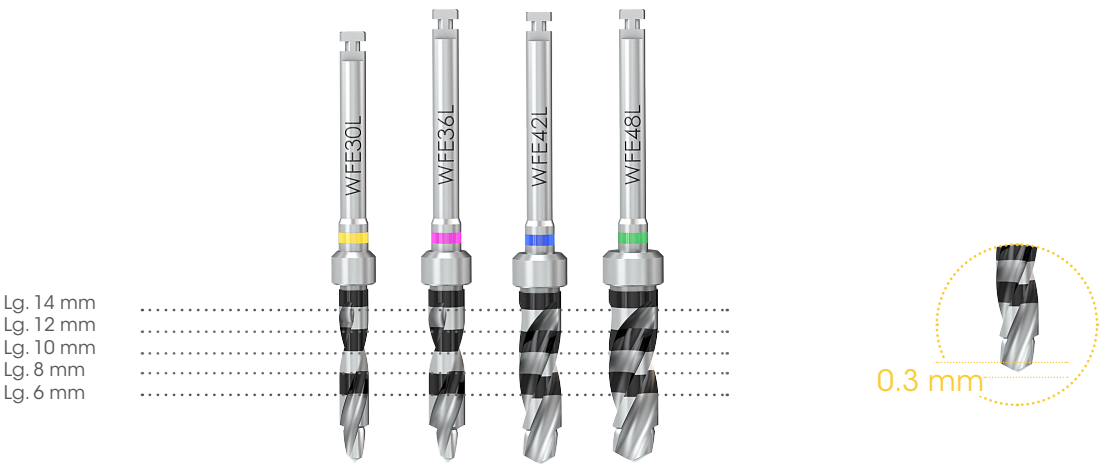
1. Drilling sequences

A coloured ring on the drills makes it easy to identify which diameter they correspond to.



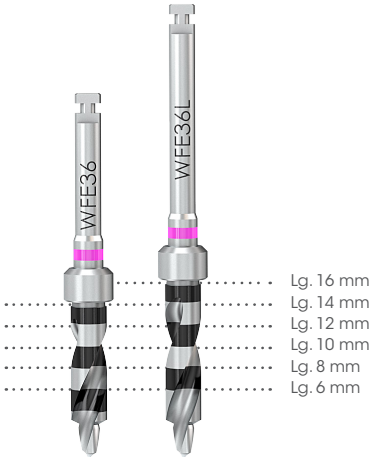
Colours	Ø (mm)
Yellow	3.0
Magenta	3.6
Blue	4.2
Green	4.8

The drilling diameter and depth are determined when establishing the treatment plan.
There is a clear and precise marking on the drills to indicate the different lengths.



An 0.3 mm over-drilling is planned to prepare the apical cavity.
Calibration films are provided to ease the selection of implant lengths and diameters.

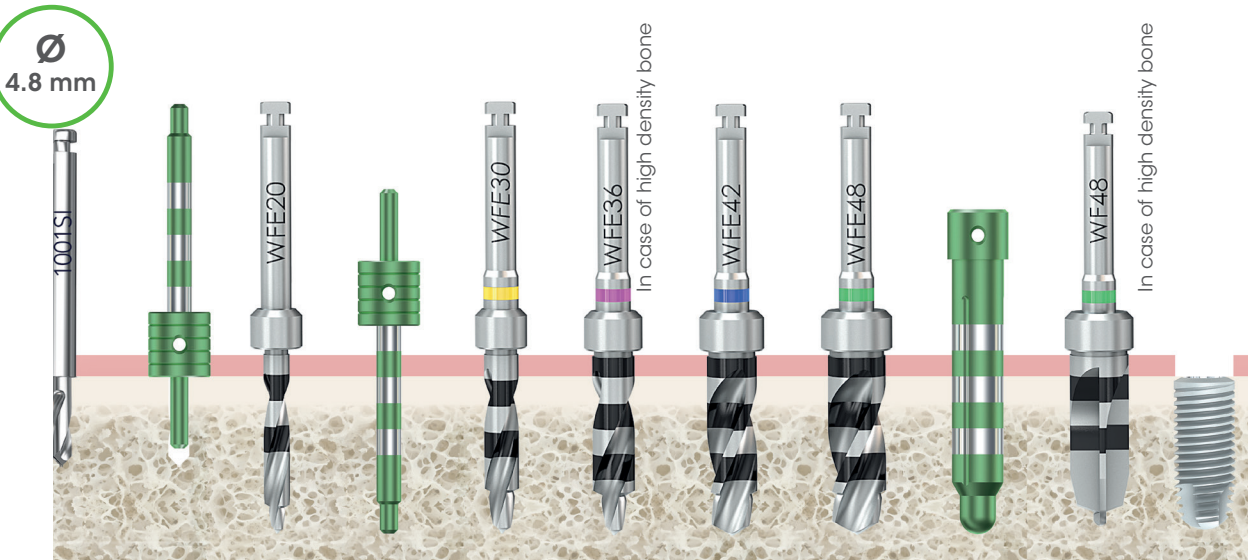
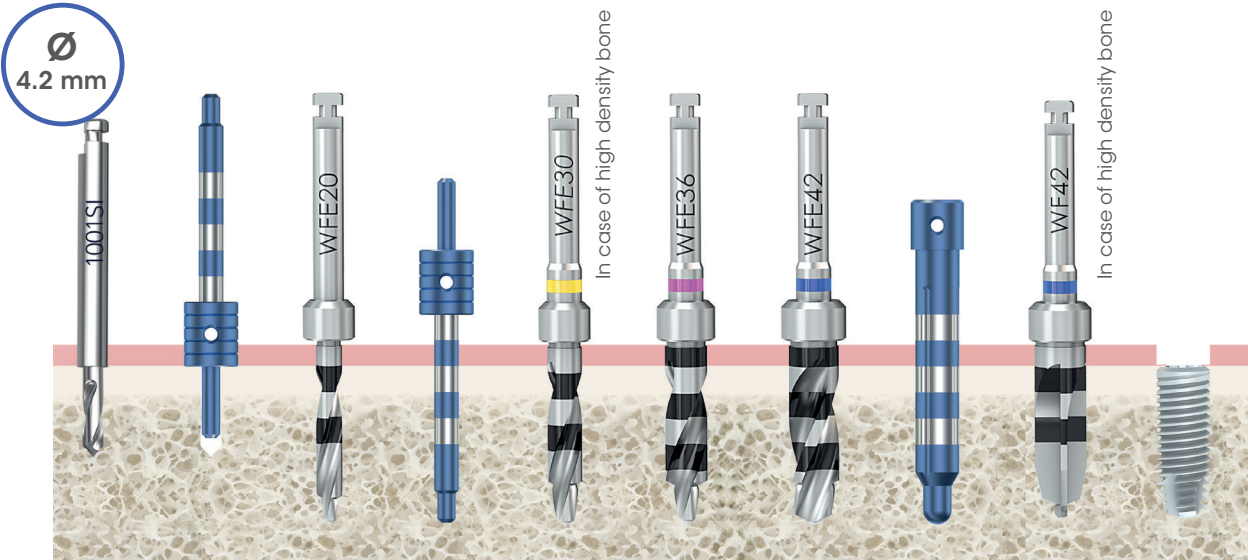
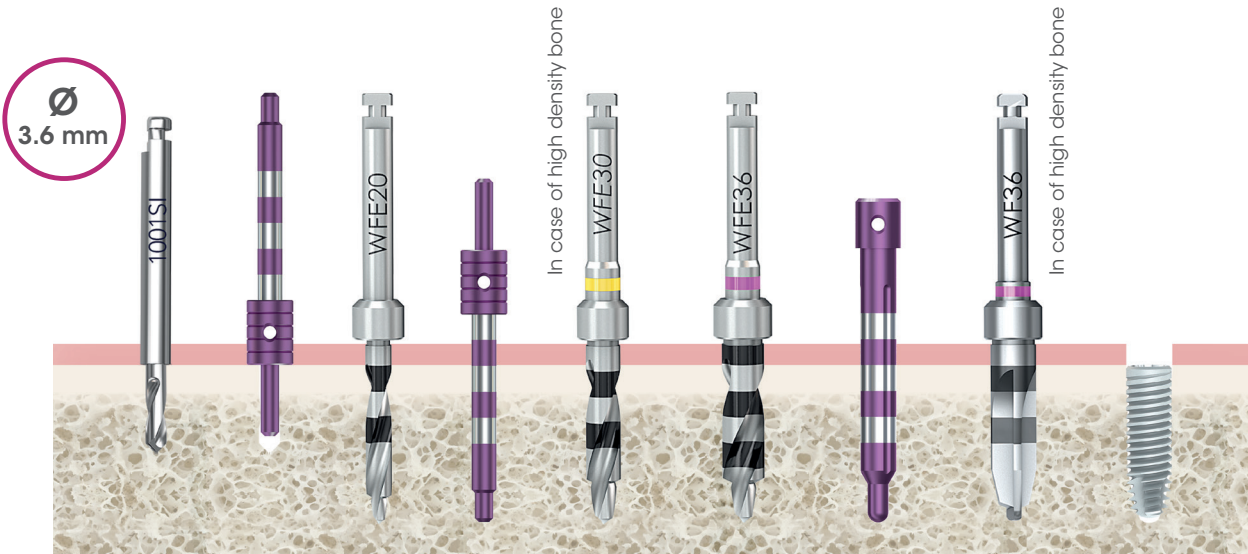
- Two sorts of drills: short and long.**
- Short drills can reach a 14 mm drilling while long drills could go deeper.
 - With low density bone, it is recommended to subdrill with a smaller diameter.
E.g. Placement of a 3.6 mm diameter implant, subdrilling with a 3.0 mm diameter implant.



Kontakt™ W implants	Ø 1,6 mm marking drill	Ø 2 mm pilot drill	Ø 3 mm drill	Ø 3.6 mm drill	Ø 4.2 mm drill	Ø 4.8 mm drill	Reamers*
	1,500 rpm		1,000 - 1,200 rpm			700 - 900 rpm	200 rpm
 Ø 3.6 mm							 WF36(L)
 Ø 4.2 mm	 1001SI	 WFE20(L)	 WFE30(L)	 WFE36(L)			 WF42(L)
 Ø 4.8 mm					 WFE42(L)	 WFE48(L)	 WF48(L)

*Reamers must be used in high density bone only

Protocols according to diameter



2. Stops

Using the Kontakt™ W stops kit

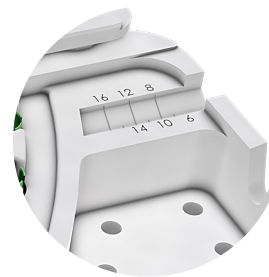
Delivered in a specific and sterilisable kit.

Prion cycle is recommended: 134° for 18 minutes (maximum temperature of 135°).

Removable and reusable stops are available for the perfect management of drilling depths. These elements are placed in a way that the practitioner can easily pick them with its contraangle, and clip them on the drill.



Ref. WBKV



The kit is equipped with a ruler allowing the surgeon to check the length of the working drill, in case of any doubt.

Stops marking

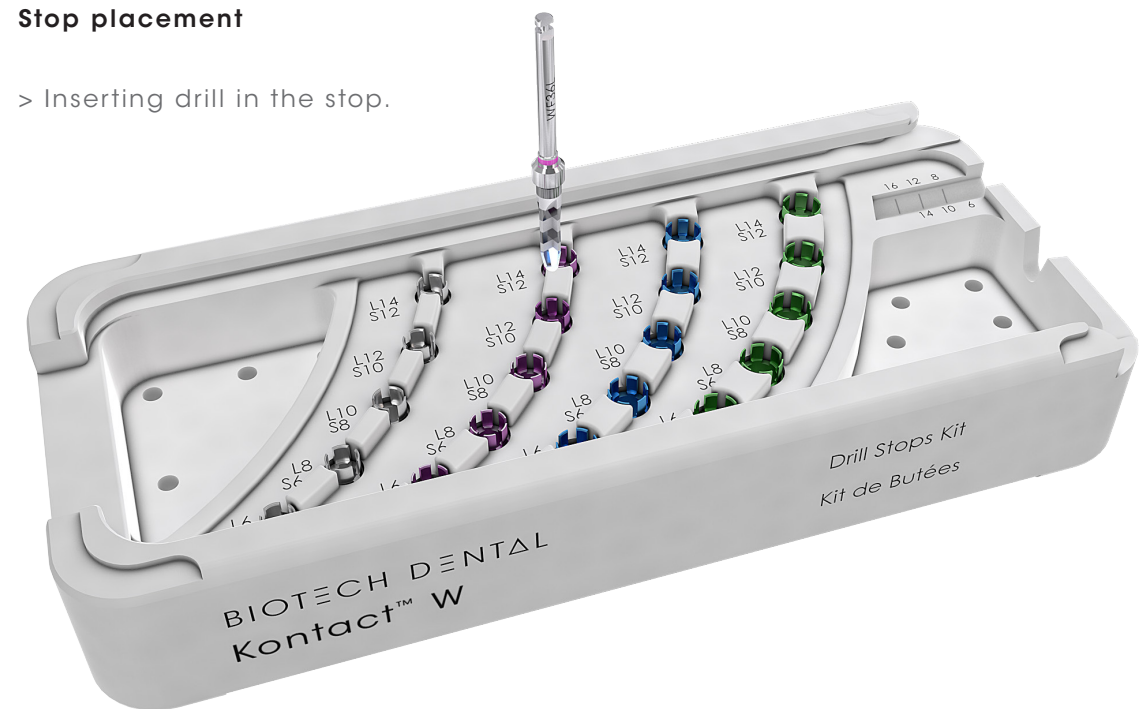
For example L12S10:

- On a long drill, possibility to place a 12 mm implant (L12),
- On a short drill, possibility to place a 10 mm implant (S10).



Stop placement

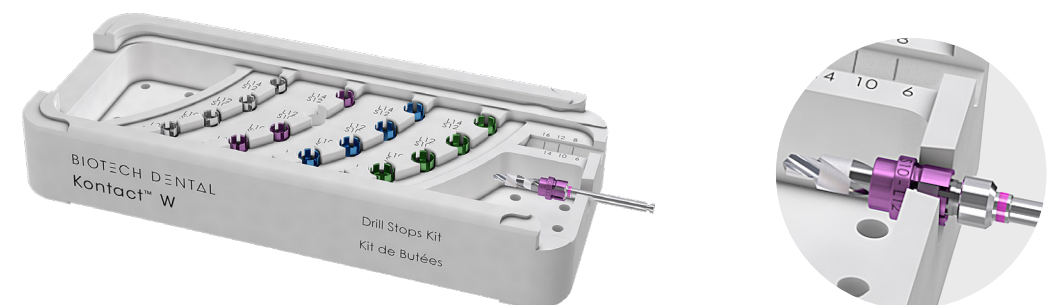
> Inserting drill in the stop.



Stop removal

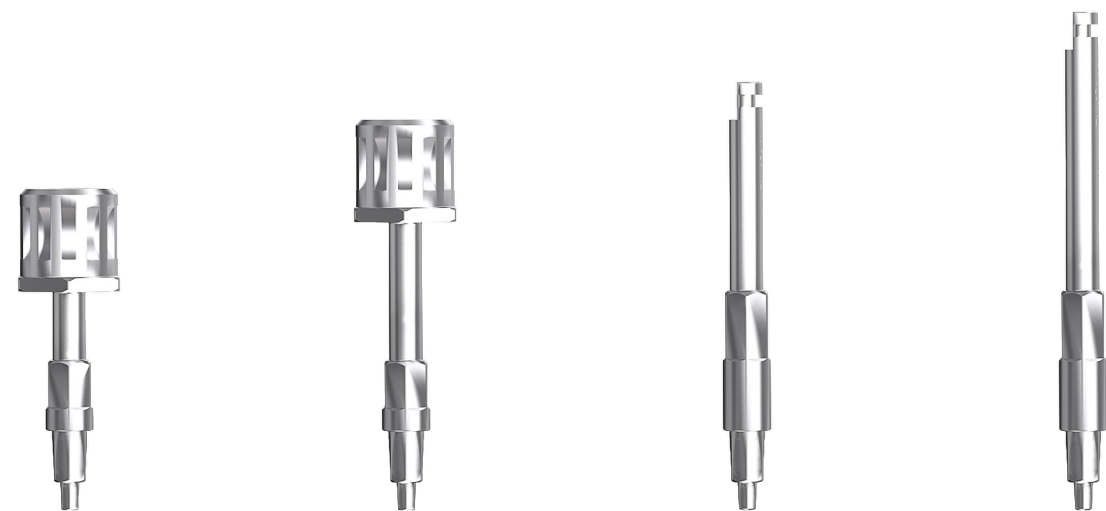
A system adapted to all stops diameters, in order to remove the drill components **without damaging the practitioners' gloves**. Insert the drill and stop into the notch on the right side of the kit, and pull the drill to the right to release the stop.

Once removed, the stop falls into the space provided for this purpose.



3. Implants positioning

Implants are placed with the drivers dedicated to Kontakt™ W: manual driver **Ref. WMPI(L)** or contra-angle screwdriver **Ref. WMPICA(L)**



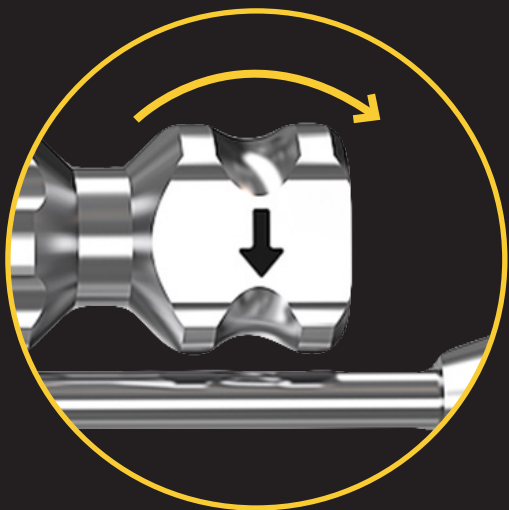
Ref.: WMPI	Ref.: WMPIL	Ref.: WMPICA	Ref.: WMPICAL
Chuck and screwdriver	Manual long chuck and screwdriver	Chuck and screwdriver for contra angle	Long chuck and screwdriver for contra angle



SURGICAL TORQUE WRENCH



The surgical torque wrench **Ref.: KCCD** comes in the Kontakt™ W surgical kit. Screwing torque measurement is possible (up to **70 Ncm**). Refer to the manufacturer's instructions available at www.josefganter.de for dismantling and cleaning the torque wrench.



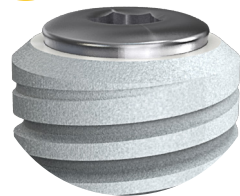
Reversible within a single movement, possibility to screw or unscrew the implant without removing the key.

4. Screws

Cover screw

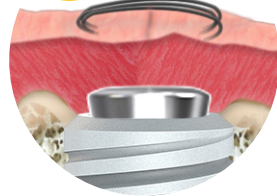
Ref. **WVRC**, in TA6V ELI, M1,8, manual screwing

1











Screw placement in the implant
with the manual screwdriver
Ref. 1032x

2



Suture and healing time

Manual screwing

Heights	Ø 4.2 mm	Ref.	Ø 5.5 mm	Ref.
1 mm		WVC421		WVC551
2 mm		WVC422		WVC551
3 mm		WVC423		WVC553
4 mm		WVC424		WVC554

Healing screw

Healing screws are individually **provided under blister pack and must be used only once**.
A sterilised storage kit is available to **easily store the screws**.



Ref. **WVCKV**

Compatible with all prosthetic phases

A range of screws adapted to abutments' gingival profiles:

- 1. Slightly oversized compare to abutments to overcome tissues retraction.
- 2. Marking with a laser (gingival diameter and height for which the screw is intended).



PROTHESIS

4

PROSTHETIC KIT

Use of the Kontakt™ W prosthetic kit

The ancillaries required for the prosthetic part are grouped together in a dedicated kit.

This kit also includes a torque wrench covering all torque ranges required for the prosthesis (10 to 30 Ncm).



Ref. WPKV

Prosthetic screwdriver

Manual hexagonal screwdriver for screwing prosthetic parts.

Available in short, standard and long.

Ref. 1032S
Ref. 1032
Ref. 1032L



Contra-angle screwdriver.

Available in short, standard and long.

Ref. TCAS
Ref. TCA
Ref. TCAL

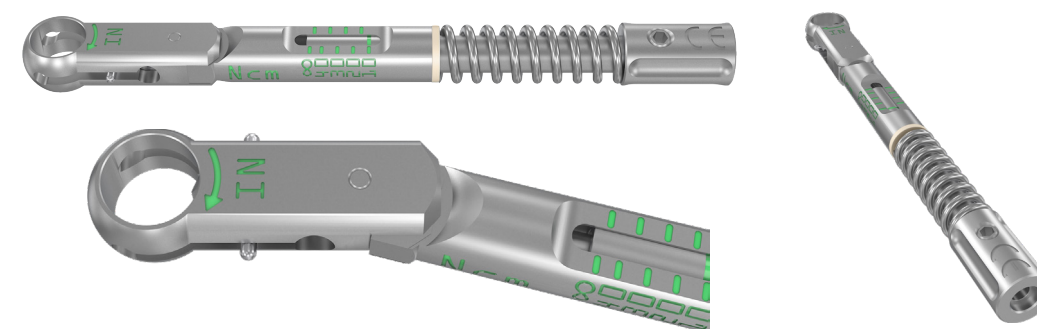


Prosthetic torque wrench

- For prosthetic parts screwed manually.
- Includes torque ranges required for the prosthesis (10 to 30 Ncm).
- Can be disengaged when the torque is reached.







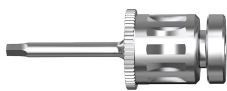


Warning: prosthetic parts must be screwed according to this manual requirements.
After use, set the torque wrench to 10Ncm

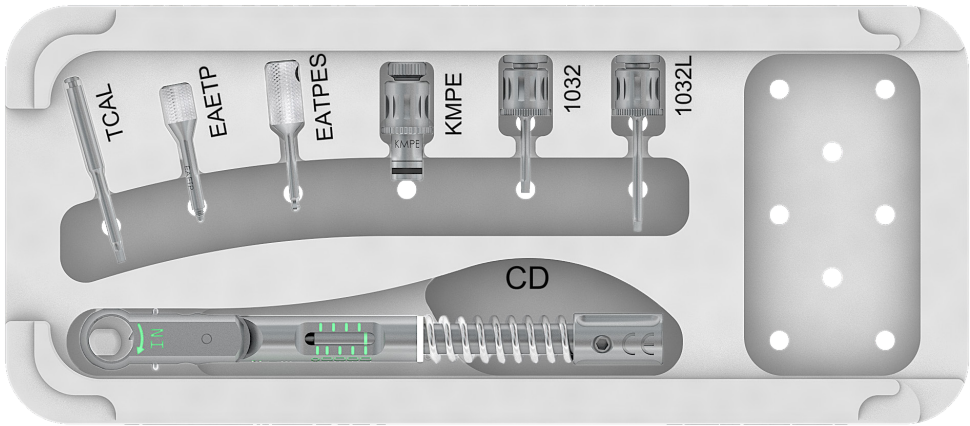


Refer to the manufacturer's IFU available on www.josefganter.de for dismantling and cleaning the torque wrench.



Tools kit details

	References	Designations
	EAETP	Prehensile screwdriver for conical abutment
	TCA	Contra-angle hexagonal screwdriver
	EATPES	Hexagonal screwdriver with spherical-tipped end
	KMPE	Chuck holder for conical abutment
	1032	Hexagonal prosthesis screwdriver
	1032L	Long hexagonal manual screwdriver
	CD	Torq wrench key 10-30 N



5

PROSTHETIC PHASE

1. Overview

The **Kontakt™W range**, provides different options for cemented, screw-retained or removable prosthetic restorations stabilised on attachments.


Possibilities of digital impression with an intraoral scanner or conventional with impression transfers.

	Designations	Descriptions
	Digital impression	Scanbody Scanbody for conical abutments
	Conventional impression	Impression transfers open-tray technique
	Conventional impression	Impression transfers closed-tray technique
	CAD CAM prosthesis (Ti-Bases)	Ti-Bases
	Prothèse par technique de coulée	Indexed castable abutments Non-indexed castable abutments
	Cemented prosthesis	Standard abutments
	Screwed prosthesis	Conical abutments Angulated conical abutments
	Stabilisation of removable prosthesis	Spherical attachments

2. Impression

You can use two techniques to take impressions for the Kontakt™ W implants:


DIGITAL



Scanbody

Digital impression on scanbody by intraoral scanner

CONVENTIONAL



Pick up transfer


Transfer for conical abutments

Pop up transfer

Conventional impression: Pick Up and Pop Up

Scanbody for conical abutment

Scanning caps for PEEK conical abutments can provide a digital impression using an intraoral scanner, or can be scanned on a working model after a standard impression has been taken using a laboratory scanner.

	References	Designations
	KECSCANP	PEEK scanbody for conical abutment

PROTOCOL FOR DIGITAL IMPRESSIONS WITH INTRAORAL SCANNER DENTIST'S OFFICE

1



Healing caps removal

2



Manual tightening of the scanbody abutment

3




Digital impressions with the WOW® intraoral scanner

Digital impression with intraoral scanner


Scanbody direct implant

PEEK/Titanium scanbodies can take impressions with an intraoral scanner. Compatible with all Kontakt™ W implants diameters.



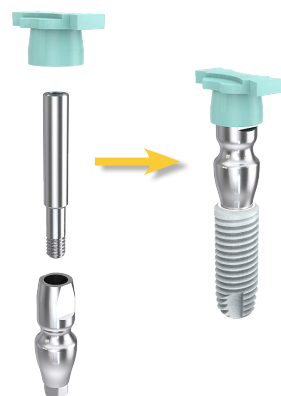
1 Made of PEEK/Titanium with marking to easily scan and identify the scanbody

2 Performing geometry and design with cylinders and flat surfaces able to adjust images

	References	Designations	Diameters
	WPSCAN	Scanbody + WVPL screw	All Ø

Conventional impression

Pop up conventional impression



- Plastic-Cap for rotational stop - Cone to insure light retention
- 2 heights for transfer according to occlusal height
- Two repositioning flat surfaces: for a symmetrical set-up, one of the flat surface must be in vestibular
- Circular clipping glyph for axial stop
- Gingival emergence undersized compared to the healing screw

Pop up transfer impression



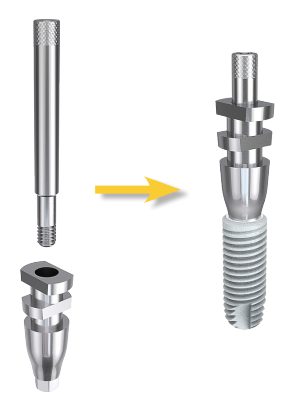
	References	Designations	Diameters
	WTPO	Pop Up transfer + WVTPO screw + plastic cap KCAP	All Ø
	WTPOL	Long Pop Up transfer + WVTPOL screw + plastic cap KCAP	
	KCAP-5	Plastic Cap for Pop-Up transfer (x5)	
	WVTPO	Pop Up transfer screw	
	WVTPOL	Long Pop Up transfer screw	



LABORATORY


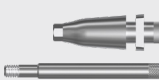




Pick up conventional impression




- 2 heights for transfer according to occlusal height
- Transfixation screw
- Anti-rotational flat surfaces indexed at 90° locked in the impression paste
- Retention layers to hold into the impression paste
- Gingival emergence undersized compared to the healing screw

Pick up transfer impression


	References	Designations	Diameters	Lengths
	WTPI	Pick Up transfer + WVTPI screw	All Ø	Long
	WTPIL	Long Pick Up transfer + WVTPIIL screw		
	WVTPI	Pick Up transfer screw		Long
	WVTPIIL	Long Pick Up transfer screw		

PROTOCOL FOR PICK UP OPEN TRAY CONVENTIONAL IMPRESSIONS

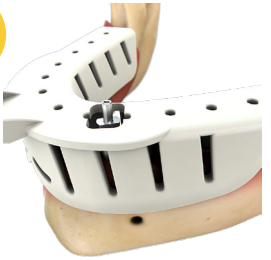
DENTIST'S OFFICE

1


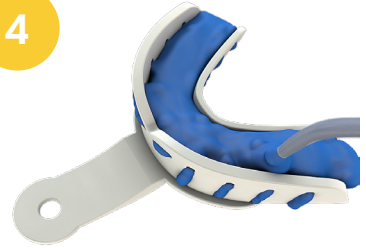
Healing caps removal

2


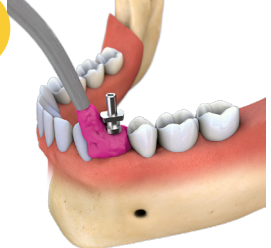
Pick up transfer placement

3



Fitting of the empty impression tray for the future transfer

4



Impression tray filling with the appropriate material

5



Injection of light silicone around the transfer

6


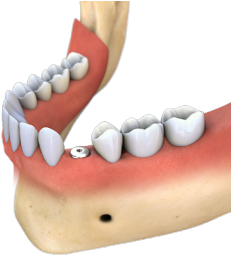
Impression taking

7


Once material has hardened, unscrew the transfixation screw and remove the impression tray

8


MANDATORY:
Retighten of the healing cap

9


Healing caps in place

LABORATORY

10


Screwing the abutment analog into the transfer

11

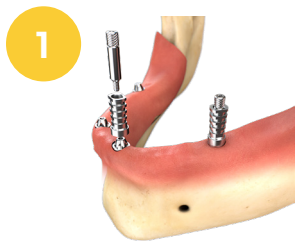

Production of false gum

12


Plaster model production

Conventional impression on conical abutment

PROTOCOL FOR CONVENTIONAL CLOSED-TRAY IMPRESSIONS ON CONICAL ABUTMENTS DENTIST'S OFFICE



Placement of pick up transfer by manual screwing



Check the proper fitting of the tray so transfer screws can be seen, before impression taking



Impression tray filling with the appropriate material



Impression taking, clear the screws heads



Unscrewing transfer screws before removing the tray

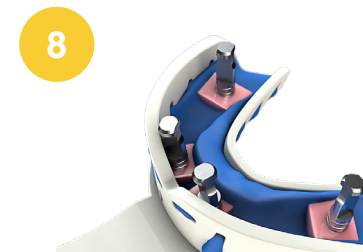


Impression quality control once removed

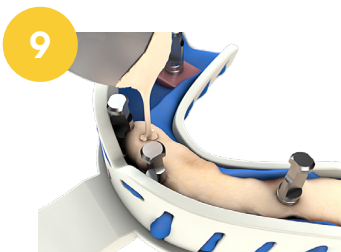
LABORATORY



Placement and screwing of conical abutments analogs into transfers



MANDATORY: production of false gum



Casting the plaster



Unscrewing transfer screws before removing the tray



Conical abutments analogs in the working model



3. Prosthetic parts

Ti-Bases

Ti-Bases are intended for CAD/CAM prosthesis.

Made of titanium with the following features:

- Height of chimney 4 mm
- Available in 2 diameters: 4.2 - 5.5 mm
- Available in 4 gingival heights: 1 - 2 - 3 - 4 mm
- Delivered with their transfixation screw **ref. WVP**

	References	Designations	Diameters	Chimney heights	Gingival heights
	WPCADCAM421	Ti-Base Ø 4.2 mm H 01 mm + WVP screw	Ø 4.2 mm	4 mm	1 mm
	WPCADCAM422	Ti-Base Ø 4.2 mm H 02 mm + WVP screw			2 mm
	WPCADCAM423	Ti-Base Ø 4.2 mm H 03 mm + WVP screw			3 mm
	WPCADCAM424	Ti-Base Ø 4.2 mm H 04 mm + WVP screw			4 mm
	WPCADCAM551	Ti-Base Ø 5.5 mm H 01 mm + WVP screw	Ø 5.5 mm	4 mm	1 mm
	WPCADCAM552	Ti-Base Ø 5.5 mm H 02 mm + WVP screw			2 mm
	WPCADCAM553	Ti-Base Ø 5.5 mm H 03 mm + WVP screw			3 mm
	WPCADCAM554	Ti-Base Ø 5.5 mm H 04 mm + WVP screw			4 mm



Standard abutments

Standard abutments dedicated to a cementable prostheses can be milled (modified) in the laboratory.

Made of titanium with the following features:

- Two diameters available: 4.2 –5.5 mm
- 4 available heights: 1 –2 –3 –4 mm
- Available straight –7.5°–15°–22°
- Delivered with their final transfixation screw **ref. WVP**

The shape of a standard abutment is selected according to each case using the following criteria:

- Emergence profile of the healing screw
- Height of the tooth to be replaced
- Implant angulation in relation to the prosthetics axis

Temporary abutments are manually tighten with the screwdriver **ref. 1032(L)** and the prosthesis toque wrench **ref. CD** with the contra-angle screwdrive **ref. TCA(L)**. Delivered with their transfixation screw **ref. WVP**.




Straight standard abutments

Indexed and non-scalloped straight standard abutments are available for all Kontakt™ W diameters.

Recommended in the following cases:

- Single or multiple cementable restorations without correcting the axis
- When the tissue is flat (no papilla)

INSTRUCTION: the prosthetist will preferably use a repositioning wrench for plural restorations.

				
	References	Designations	Diameters	Heights
		WP421	Ø 4.2 mm	1 mm
		WP422		2 mm
		WP423		3 mm
		WP424		4 mm
		WP551	Ø 5.5 mm	1 mm
		WP552		2 mm
		WP553		3 mm
		WP554		4 mm

Angulated standard abutments

Indexed and non-scalloped angulated standard abutments are available for all Kontakt™ W diameters.

Recommended in the following cases:

- Single or multiple cementable restorations without correcting the axis
- When a scalloped abutment can improve aesthetic

INSTRUCTION: the prosthetist will preferably use a repositioning wrench for plural restorations.

	References	Designations	Diameters	Angulation	Heights
		WPA150421	Ø 4.2 mm	15°	1 mm
		WPA150422			2 mm
		WPA150423			3 mm
		WPA150424			4 mm
		WPA150551	Ø 5.5 mm	15°	1 mm
		WPA150552			2 mm
		WPA150553			3 mm
		WPA150554			4 mm
		WPA220421	Ø 4.2 mm	22°	1 mm
		WPA220422			2 mm
		WPA220423			3 mm
		WPA220424			4 mm
		WPA220551	Ø 5.5 mm	22°	1 mm
		WPA220552			2 mm
		WPA220553			3 mm
		WPA220554			4 mm

Conical abutments

Conical abutments dedicated to screwed prosthesis are made of titanium with the following features:

- Available straight, 4 heights: 1 mm – 2 mm – 3 mm – 4 mm
- Available in indexed angulated, 17 –30°, 3 heights: 2 mm - 3 mm - 4 mm




Recommended for plural or total restorations.

Possibility to realise single restorations only on straight conical abutment.

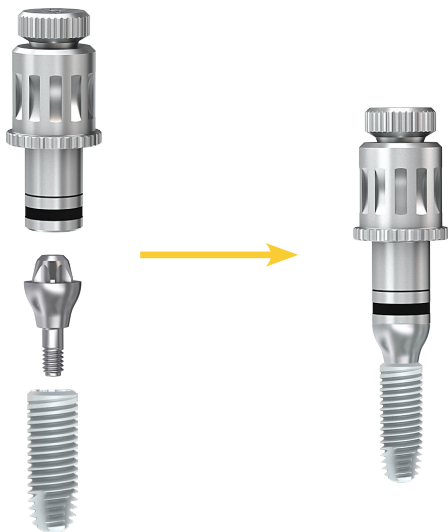
INSTRUCTION: impression **MUST** be taken on conical abutments already screwed (30 Ncm) in the mouth.

An impression directly on the implant would imply a different depth between the prosthetist manual tightening and the permanent tightening with the torque wrench. This may result in a wrong adaptation of the prosthesis, lack of passivity leading to a mechanical issue and a risk of bacterial infiltration.



Straight conical abutments

	References	Designations	Diameters	Heights
	WEC1	Straight conical abutment	Ø 4.9 mm	1 mm
	WEC2	Straight conical abutment	Ø 4.9 mm	2 mm
	WEC3	Straight conical abutment	Ø 4.9 mm	3 mm
	WEC4	Straight conical abutment	Ø 4.9 mm	4 mm
	KMPE	Chuck holder for conical abutment		
	KMPeM	Long chcuk holder for conical abutment		

Protocol for straight conical abutments placement



Angulated conical abutments

	References	Designations	Diameters	Angulation	Heights
	WEA172	Angulated conical abutment + WEAV screw	Ø 4.9 mm	17°	2 mm
	WEA173				3 mm
	WEA174				4 mm
	WEA302	Angulated conical abutment + WEAV screw	Ø 4.9 mm	30°	2 mm
	WEA303				3 mm
	WEA304				4 mm

Screwdriver (**ref. EATPES**) with spherical-tipped end to use in a different axis than the screw.



Non-indexed components for screw-retained prostheses non conical abutments

For screw-retained restoration on conical abutment, ideally use a pick up transfer (Ref.EATPU) with an open impression tray.

- The PEEK temporary sleeves for conical abutments are used for complete or partial immediate loading to realise temporary removable prosthesis.
- The mixed sleeve for conical abutment is used for a complete immediate loading with metal framework and ensures its perfect passivity.
- The castable sleeve is only for laboratory to realise a metal framework for a metal-ceramic prosthesis or a bar.
- The protection template is used when polishing the intrados of all screw-retained prosthesis to protect the internal connection of the framework, with conical abutment.
- The healing cap for conical abutment helps the gingival to heal prior to the temporary prosthesis.

	References	Designations	Heights
10 Ncm	EATPU	Pick-up transfer for conical abutment + screws EAVTPU/EAVTPUL	
	EAVTPU	Pick-up transfer screw for conical abutment	
	EAVTPUL	Pick-up transfer long screw for conical abutment	
20 Ncm	EATPO	Pop-up transfer for conical abutment	
	EAAP	Conical abutment analog	
	KE-PP	Temporary sleeve for conical abutment + EAVGC screw	
20 Ncm	KECGM	Sleeve mixed for conical abutment + KECGMV screw	
	KECGM-1	Sleeve for conical abutment + KECGMV screw	
	KECGMV	Mixed sleeve screw for conical abutment	
10 Ncm	EACC	Healing cap H 4 mm for conical abutment	4 mm
	EACC6	Healing cap H 6 mm for conical abutment	6 mm
	EACC8	Healing cap H 8 mm for conical abutment	8 mm
20 Ncm	EAGC	Castable sleeve for conical abutment + screw EAVGC	
	EAVGC	Castable sleeve screw conical abutment	
	EAGP	Protection template for conical abutment	

Indexed components for screw-retained prostheses non conical abutments

The single screw-retained prosthesis can only be made on straight conical abutments.

	References	Designations
20 Ncm	KEAAPI	Conical abutment indexed analog
	KEAGCI	Indexed castable sleeve for conical abutment + EAVGC screw
	KECGMI*	Indexed castable sleeve for conical abutment + EAVGC screw
10 Ncm	KEATPUI	Indexed pick up transfer for conical abutment + 2 EAVTPU (L) screws
	KEATPOI	Indexed pop up transfer for conical abutment + KEAVTPOI screw
20 Ncm	KECGTI	Indexed titanium sleeve for conical abutment + KECGMV screw

Prosthesis stabilisation

Features:

- ✓ For complete prosthesis stabilisation
- ✓ 3 available heights: 2, 3 and 4 mm
- ✓ Compatible with O'ring systems available on the market

	References	Designations	Heights
30 Ncm	WBALL2	Ball attachment	2 mm
	WBALL3		3 mm
	WBALL4		4 mm

Components for spherical attachments

	References	Designations
	092CCA	Metal housing with retention rings
	R000	Ball attachment female box

| Castable abutments

Manufactured abutments are replaced by castable abutments.

Made of castable resin, with the following features:


- 4.2 mm diameter
- Available indexed and non-indexed

Delivered with their final transfixation screw **ref. WVP**


Recommended for single or multiple screw-retained restorations:

- Adapt the framework on catsable sleeve
- Casting in Cobalt-Chrome alloy according to the lost wax technique

30
Ncm



References	Designations	Diameters	Heights
WPCI421	Direct implant indexed castable abutment + WVP screw	Ø 4.2 mm	1 mm
WPCI422			2 mm
WPCI423			3 mm
WPCI424			4 mm
WPCI421NI	Direct implant non indexed castable abutment + WVP screw	Ø 4.2 mm	1 mm
WPCI422NI			2 mm
WPCI423NI			3 mm
WPCI424NI			4 mm



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Printed by VALLIERE - 163, Avenue du Luxembourg - ZAC des Molières - 13140 Miramas - France.