

PRODUCT WARNINGS

IMPRESSION TAKING

GENERAL COMMENTS:

- INDIVIDUAL BUCKETS SHOULD BE MADE FOR EACH CASE SHOULD BE USED FOR EACH IMPRESSION TAKING.
- ALSO USE QUALITY MATERIALS AND FOLLOW THE INSTRUCTIONS OF THE MANUFACTURER
- CHECK THE CONNECTION OF THE IMPLANT IS CLEAN [BLOOD, WASTE...].
- TAKE THE NECESSARY PRECAUTIONS TO AVOID THAT THE ELEMENTS WHEREAS IN THE ORAL CAVITY, AND MAY CAUSE POSSIBLE SWALLOWING OR ASPIRATION.

50 09 01 / 50 09 06 / 50 09 09

CHECK THAT THE FLAT FACES ARE PERFECTLY RECORDED IN PRINT.

50 09 02 / 50 09 05 / 50 09 07 / 50 09 10

RELEASE THE SCREW AREA BY REMOVING THE EXCESS MATERIAL OF THE IMPRESSION UNTIL EAST TO HARDEN. IT IS NECESSARY TO CONFIRM THE CORRECT SEAT OF THE TRANSFER IN THE IMPLANT.

EMPTYING

CHECK THE STABILITY OF THE WHOLE IMPRESSION BEFORE EMPTYING. YOU MUST USE QUALITY MATERIALS AND FOLLOW THE INSTRUCTIONS OF THE MANUFACTURER.

STRAIGHT AND ANGLED ABUTMENTS

50 10 01 / 50 10 02 / 50 10 03 / 50 10 04 / 50 10 05 / 50 10 06 / 50 10 12 / 50 10 13 / 50 10 14 / 50 10 15 / 50 10 16 / 50 10 17 / 50 10 21 / 50 10 22 / 50 10 23 / 50 10 24 / 50 10 25 / 50 10 26

INTENDED FOR CEMENT-RETAINED SINGLE-UNIT AND MULTIPLE-UNIT RESTORATIONS.

DO NOT CUT BELOW 4 MM.

DO NOT EXCEED FORCES WHEN TIGHTEN [MAXIMUM 5 NCM] ON THE ABUTMENTS DURING THE PROCESSES OF ELABORATION OF THE PROSTHESIS TO THE DEFINITIVE INCLUSION OF THE SAME, IN WHICH 30 NCM TORQUE SHOULD BE APPLIED.

MULTI-HEX ABUTMENTS

50 10 09 / 50 10 10 / 50 10 11 / 50 10 18 / 50 10 19 / 50 10 20 / 50 10 27 / 50 10 28 / 50 10 29

MULTI-HEX STRAIGHT ABUTMENTS ARE INTENDED ONLY TO BE USED FOR SCREW-RETAINED MULTIPLE-UNIT RESTORATIONS, WITH NOT CORRECTION OF IMPLANT ANGULATION.

DON'T CUT.

DO NOT EXCEED TIGHTEN [MAXIMUM 5 NCM] ON THE ABUTMENT DURING THE PROCESSES OF ELABORATION OF THE PROSTHESIS TO THE DEFINITIVE INCLUSION OF THE SAME, IN WHICH 30 NCM TORQUE SHOULD BE APPLIED.

APPLY A TORQUE OF 15 NCM ON THE SUPERSTRUCTURES, OCCLUSAL SCREW, FIXING SCREWS IF YOU OVERCOME THE TORQUE OF 15 NCM YOU CAN BREAK THE SCREW.

CASTABLES

50 12 03

FOR THE CASTABLES, MUST CHOOSE AN ALLOY ACCORDING TO ASTM F1537 AND ISO 5832-12 STANDARDS.

THE CASTABLES CAN BE CUT TO MAXIMUM 4 MM FROM THE GAP CONNECTION, AND CAN'T LOWER THE DIAMETER OF THAT AREA IN ORDER TO PREVENT EXPOSURE OF THE METAL ABUTMENT.

THE MAXIMUM HEIGHT OF REHABILITATION SHOULDN'T EXCEED THE 14 MM.

MAXIMUM ANGULATION HAS TO BE LESS THAN 30° WITH RESPECT TO THE IMPLANT AXIS.

NOT APPROPRIATE FOR SCREW RETAINED SINGLE-UNIT RESTORATIONS.

SYMBOLS AND NOTATIONS



CLOSED TRAY



OPEN TRAY

KL KL^{0.7}



klöckner[®] implant system

KL KL^{0.7}
NP · RP · WP NP · RP · WP

prosthetic • system

list of references

50 05 04 MULTI-HEX PROTECTIVE CAP
50 08 04 1.2 HEX LONG TORQUE WRENCH ADAPTER
50 08 05 1.2 MM HEX TORQUE WRENCH ADAPTER
50 08 07 MULTI-HEX WRENCH ADAPTER
50 09 01 RP TRANSFER [CLOSED TRAY]
50 09 02 RP TRANSFER [OPEN TRAY]
50 09 03 RP REMOVABLE ANALOG
50 09 04 RP MULTI-HEX REMOVABLE ANALOG
50 09 05 RP MULTI-HEX TRANSFER [OPEN TRAY]
50 09 06 NP TRANSFER [CLOSED TRAY]
50 09 07 NP TRANSFER [OPEN TRAY]
50 09 08 NP REMOVABLE ANALOG
50 09 09 WP TRANSFER [CLOSED TRAY]
50 09 10 WP TRANSFER [OPEN TRAY]
50 09 12 WP REMOVABLE ANALOG
50 10 01 RP 4° STRAIGHT ABUTMENT [1 MM]
50 10 02 RP 4° STRAIGHT ABUTMENT [2 MM]
50 10 03 RP 4° STRAIGHT ABUTMENT [3 MM]
50 10 04 RP 17° ANGULAR ABUTMENT [1 MM]
50 10 05 RP 17° ANGULAR ABUTMENT [2 MM]
50 10 06 RP 17° ANGULAR ABUTMENT [3 MM]
50 10 09 RP MULTI-HEX STRAIGHT ABUTMENT [1 MM]
50 10 10 RP MULTI-HEX STRAIGHT ABUTMENT [2 MM]
50 10 11 RP MULTI-HEX STRAIGHT ABUTMENT [3 MM]

50 10 12 NP 4° STRAIGHT ABUTMENT [1 MM]
50 10 13 NP 4° STRAIGHT ABUTMENT [2 MM]
50 10 14 NP 4° STRAIGHT ABUTMENT [3 MM]
50 10 15 NP 17° ANGULAR ABUTMENT [1 MM]
50 10 16 NP 17° ANGULAR ABUTMENT [2 MM]
50 10 17 NP 17° ANGULAR ABUTMENT [3 MM]
50 10 18 NP MULTI-HEX STRAIGHT ABUTMENT [1 MM]
50 10 19 NP MULTI-HEX STRAIGHT ABUTMENT [2 MM]
50 10 20 NP MULTI-HEX STRAIGHT ABUTMENT [3 MM]
50 10 21 WP 4° STRAIGHT ABUTMENT [1 MM]
50 10 22 WP 4° STRAIGHT ABUTMENT [2 MM]
50 10 23 WP 4° STRAIGHT ABUTMENT [3 MM]
50 10 24 WP 17° ANGULAR ABUTMENT [1 MM]
50 10 25 WP 17° ANGULAR ABUTMENT [2 MM]
50 10 26 WP 17° ANGULAR ABUTMENT [3 MM]
50 10 27 WP MULTI-HEX STRAIGHT ABUTMENT [1 MM]
50 10 28 WP MULTI-HEX STRAIGHT ABUTMENT [2 MM]
50 10 29 WP MULTI-HEX STRAIGHT ABUTMENT [3 MM]
50 11 01 RP 1.2 MM HEXAGONAL SCREW
50 11 02 MULTI-HEX HEXAGONAL SCREW
50 11 03 NP 1.2 MM HEXAGONAL SCREW
50 11 04 WP 1.2 MM HEXAGONAL SCREW
50 12 03 MULTI-HEX CASTABLE
50 13 01 MULTI-HEX TITANIUM ABUTMENT

All KLOCKNER® IMPLANT SYSTEM products comply with the laws and regulations applicable to medical devices, such as: European directives MDD 93/42/ECC modified by 2007/47EC · Regulations of the United States FDA 21CFR 820 · Quality standards EN ISO 13485 and other applicable standards and regulations.



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WARNING
NOT ALL KLOCKNER® IMPLANTS SYSTEM PRODUCTS ARE AVAILABLE IN EVERY COUNTRY

klöckner[®] implant system

www.klocknerimplantsystem.com

KL NP PLATFORM 4.1 MM · HEXAGONAL CONNECTION

IMPRESSION TAKING

KL NP / KL 0.7 NP IMPLANTS
DIAMETER 3.3 MM

CEMENTED PROSTHESIS **PROSTHESIS SCREWED**

pillars **multi-hex**

50 10 12* 50 10 13* 50 10 14* 50 10 15* 50 10 16* 50 10 17* 50 10 18 50 10 19 50 10 20

50 12 03

50 13 01

50 11 02**

*INCLUDES SCREW REF. 50 11 01. **TIGHTEN TO 15 NCM.
THE TORQUE APPLIED ON THE FIXING SCREWS ON THE FINAL PLACEMENT OF THE PROSTHESIS IS 25 NCM.

KL KL 0.7
NP · RP · WP NP · RP · WP
prosthetic · system

KLOCKNER® implant system

WARNING

DO NOT EXCEED FORCE OF TORQUE IN THE ATTACHMENTS AND/OR SCREWS DURING THE PROCESSES OF ELABORATION OF THE PROSTHESIS.

USE OF MULTI-HEX ABUTMENTS AND CASTABLES FIXED WITH THE SCREWS

PLACE THE CORRESPONDING ABUTMENTS ON THE IMPLANTS AND VERIFY THE CORRECT FIT. THEN, SCREW THE PIECES USING THE TORQUE WRENCH.

ATTENTION

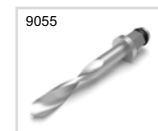
OCCUSAL SCREWS OF KL NP IMPLANT MUST BE TORQUED AT 25 NCM.
OCCUSAL SCREWS OF KL RP AND KL WP IMPLANT MUST BE TORQUED AT 30 NCM.
FIXING SCREWS OF SUPERSTRUCTURES MUST BE TORQUED AT 15 NCM.

CHECK THE CORRECT FIT OF THE SUPERSTRUCTURE, AS WELL AS OCCLUSION AND ARTICULATION, AND THEN FIX IT WITH THE CORRESPONDING SCREWS USING THE TORQUE WRENCH, APPLYING A TORQUE OF 15 NCM.
EXAMINE IT BEFORE FILLING CHIMNEY ACCESS, VERIFYING THE SCREWS TORQUE BY MEANS OF 15 NCM TORQUE WRENCH [SEE MORE DETAILED INFORMATION IN PROSTHODONTIC DOCUMENTATION].

LABORATORY MATERIAL

REAMER

It is a manual tool that removes irregularities caused during the processes of casting. The passage of the reamer is essential in every Systematics.



CHIMNEY REAMER [Ø 2,5MM] 9055

Once cast the castables, is used to Polish the area of settlement of the screws leaving them free of possible irregularities caused during the casting process.

9060



TORQUE WRENCH - ADAPTERS

JDTWKL JDTORQUE ® TORQUE WRENCH
50 08 04 1.2 HEX LONG TORQUE WRENCH ADAPTER
50 08 05 1.2 MM HEX TORQUE WRENCH ADAPTER
50 08 07 MULTI-HEX WRENCH ADAPTER



JDTWKL



TORQUE WRENCH WARNING:

IT MUST BE CLEANED AND STERILIZED BEFORE EACH USE.
THE TORQUE WRENCH IS NOT REMOVABLE.
DO NOT USE DISINFECTANTS CONTAINING A HIGH PERCENTAGE OF OXALIC CLOROX
IT IS ESSENTIAL TO KEEP THE DRIVE SHAFT FREE OF ANY TYPE OF WASTE.
NOT FORCE MUST BE EXERCISED IN THE METAL SECTION OF THE KEY, ONLY IN THE GRIP AREA.
ADAPTERS SHOULD BE KEPT IN GOOD CONDITIONS ANY DETERIORATION IN THEIR CONNECTION MAY IMPAIR THE SET SCREW.

KL RP PLATFORM 4.1 MM · HEXAGONAL CONNECTION

IMPRESSION TAKING

KL RP / KL 0.7 RP IMPLANTS
DIAMETER 3.7 / 4.2 MM

CEMENTED PROSTHESIS **PROSTHESIS SCREWED**

pillars **multi-hex**

50 10 01* 50 10 02* 50 10 03* 50 10 04* 50 10 05* 50 10 06* 50 10 09 50 10 10 50 10 11

50 12 03

50 13 01

50 11 02**

*INCLUDES SCREW REF. 50 11 01. **TIGHTEN TO 15 NCM.
THE TORQUE APPLIED ON THE FIXING SCREWS ON THE FINAL PLACEMENT OF THE PROSTHESIS IS 30 NCM.

KL WP PLATFORM 5.1 MM · HEXAGONAL CONNECTION

IMPRESSION TAKING

KL WP / KL 0.7 WP IMPLANTS
DIAMETER 4.7 MM

CEMENTED PROSTHESIS **PROSTHESIS SCREWED**

pillars **multi-hex**

50 10 21* 50 10 22* 50 10 23* 50 10 24* 50 10 25* 50 10 26* 50 10 27 50 10 28 50 10 29

50 12 03

50 13 01

50 11 02**

*INCLUDES SCREW REF. 50 11 04. **TIGHTEN TO 15 NCM.
THE TORQUE APPLIED ON THE FIXING SCREWS ON THE FINAL PLACEMENT OF THE PROSTHESIS IS 30 NCM.