

ATTACHMENTS LV

LV KON *Plus*

Frictions for removable dental prosthesis



INSTRUCTIONS FOR USE

Rev. 05.2021

EN - English version

MD

CE



FRICIONS FOR REMOVABLE DENTAL PROSTHESIS

Medical device according to Regulation (EU) 2017/745 - Class I

Intended use: Medical devices for anchoring removable dental prostheses.

Intended users: Medical devices for exclusive use by professional dentist and dental technician.

Patients target group: Adult patients with problems with the chewing system, who require clinical dental treatment to restore functions through the application of removable dental prostheses.

Expected clinical benefit: Restoration of the chewing function and the aesthetics of the chewing system.

Contra-indications: Do not use the devices for purposes other than their intended use. Not to be used on patients who are allergic or intolerant to the materials constituting the devices; any allergies should be analyzed during the clinical planning phase. Do not use the devices continuously; instruct the patient to remove the dental prosthesis for daily cleaning and the night break.



Warnings: Before each use it is necessary to check the integrity of the device: if any parts are detached, oxidized, fractured, broken or showing signs of wear, do not use them.

The frictions for dental prosthesis are DISPOSABLE devices, supplied in NON-STERILE packaging.



Reuse of products marked for single use can compromise their safety, functionality and performance. Single-use products have not been evaluated for their reuse/reprocessing, which carries an increased risk of transmitting infections.

Interference: There are no risks and/or interferences during the carrying out of diagnostic investigations (magnetic resonance) on patients with the devices in question. The removable prosthesis can be removed before the diagnostic investigation.

Maintenance: Instruct patient to use a toothbrush (manual or electric) and a traditional mouthwash for rinsing and daily cleaning of the dental prosthesis. At least an annual check-up by the dentist is recommended.

Disposal: The devices must be disposed of in compliance with relevant legislation in force; if they are used, they must be disposed of in accordance with biological waste disposal legislation in force.

Disclaimer: The frictions for dental prosthesis developed by Nobil Metal must be used by specialised personnel who are familiar with the clinical protocols of use and are able to recognise any defects of the devices. Nobil Metal denies all liability for direct and/or indirect damages arising from the user's inexperience, any changes made by the user to the original form of the devices, their improper use and/or incorrect storage and treatment.

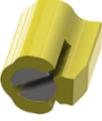
Notice about serious incident: If, during use of the devices or in the context of their use, a serious incident should occur, the patient and/or the user must report it to the competent Authority of the Member State where the event occurred and to the Manufacturer Nobil Metal SpA, specifying the code and lot number of the concerned product.

Product description: LV KON *Plus* is an adjustable telescopic friction system, developed to offer retention for partial, full and implant supported restorations.

Thanks to a titanium screw, it is possible to activate the LV KON *Plus* friction by adjusting the degree of elasticity and hardness according to the desired level of sealing. This allows you to have a single device suitable for use on conical and telescopic crowns, implants and bars.

LV KON *Plus* system also includes a laboratory duplication accessory, necessary for the processing and preparation of the removable prosthesis, and accessories for mounting the friction. All accessories are not classified as medical devices.

Materials: The LV KON *Plus* friction and the duplicating accessory are made of biomedical grade Polyacetal; the activation system (screw + nut) is made of Grade 5 Titanium (ISO 5832-3); the mounting accessories are made of AISI 316L steel.

LV KON <i>Plus</i> friction and accessories	
 <p>LV KON <i>Plus</i> adjustable friction H: 2.7 mm L: 2.7 mm S: 2.7 mm</p>	 <p>LV KON <i>Plus</i> duplicating accessory H: 2.7 mm L: 2.7 mm S: 2.7 mm</p>
<p>LV KON <i>Plus</i> remover AC-870-R</p> 	<p>LV KON <i>Plus</i> activator / inserter AC-870-AI</p> 

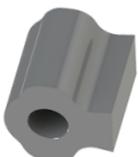
PROCESSING INSTRUCTIONS

To get the best results with LV KON *Plus*, you should consider where exactly to place the devices in order to obtain a maximum of friction surface.

Fixed primary construction

- Determine the path of insertion and wax-up crowns, telescopic crowns or bars with a 0° - 2° maximum conicity in the area where you want them to be placed.
- Cast and finish as usually.

Removable secondary structure

	<p>Direct modeling technique</p> <ul style="list-style-type: none"> ▪ Place the grey accessory, with its flat side against the parallel wall of the telescopic crown, with the opening down, and fix it. ▪ The accessory can be reduced up to 4 mm. ▪ Use hard wax or resin to include the accessory in the wax-up of the secondary telescopic part. ▪ Remove the accessory with the remover AC-870-R (don't reuse the deformed grey accessory). ▪ Proceed with investing and casting the secondary construction.
	<p>Duplicating technique</p> <ul style="list-style-type: none"> ▪ Place the grey accessory, with its flat side against the parallel wall of the telescopic crown and fix it. ▪ Prepare the model for the duplication with silicone, and pour the refractory model. ▪ Wax-up around the replica of the duplicating with 0.3 mm thickness ▪ Proceed with investing and casting the secondary construction.
	<p>CAD/CAM technique</p> <ul style="list-style-type: none"> ▪ Use only the STL files available on vattachments.nobilmetal.it

Relining / Rebasings

- Proceed the usual way to take the impression with the retention parts
- Remove the retention parts from their cavity.
- Fill up the space of the cavities with plaster/silicone and separate before pouring the stone model.
- Proceed as usual, replace all retention parts and activate them properly.



Legend of symbols shown on the label

 lvattachments.nobilmetal.it	Instructions for use in electronic format		Batch number
	CE conformity mark for class IIa and IIb devices		Identifier code
	CE conformity mark for class I devices		Medical device
	Not reusable		Supplied in NON-STERILE packaging
	Manufacturer		Attention, read the instructions for use
(01) XXXXXXXXXX	UDI device identifier (UDI-DI)		Unique Device Identifier



You can find the instructions for use on lvattachment.nobilmetal.it
 Technical doubts or extra questions: send an e-mail to attachments@nobilmetal.it



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