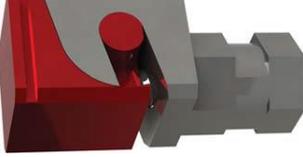


## PROCESSING INSTRUCTIONS

### LV CER

	<p><b>LV CER</b> is an extracoronal resilient attachment, with hinge movement applicable to the 4 quadrants.                  Strong and stable – Straight or inclined – Ball retention activated by a long-lasting spring.                  Suitable for unilateral solutions. H:3,5 W:3,5 L:8,5</p>
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### PROCEDURE

<p>Do the wax up</p> <p>Check the space for the preparation of the soldering</p>	
<p>IN – Cast the crown, position the male IN and solder in the furnace</p> <p>HT – Fix the male HT, cast-on, only with PM alloy</p> <p>PL – Fix the burnout male and cast in a Class 4 hard alloy</p>	
<p>Prepare the frame and/or retention for the resin. Cast.</p> <p>By soldering of the female IN, first remove the internal mechanic parts</p>	
<p>Do the proper evaluation of the lever arm for the correct set up of the teeth</p> <p>Set up the teeth</p>	
<p>Mount the metal casing in order to prevent the resin from blocking the hinge</p> <p>Opacify</p> <p>Prepare the mask</p>	
<p>Check the spaces before the filling</p> <p>Finish the job</p>	

The LV CER finds mainly its application in unilateral shortened rows. The application requires at least 2 abutment teeth. Use suitable alloys for the framework (0.2% yield strength min 500N / mm<sup>2</sup>) and solders. The male hinge axis should be at 90 ° to the sagittal and interalveolar course of the ridge.

It is recommended to choose the preheating temperature of the casting muffle at 50 ° C higher than the alloy specifies when casting. For the fixation of the males to the frame, use completely burn-out materials. The male in LV-HT alloy, can only be cast with precious alloys.

LV CER, with its rotating movement around the male axis, enables the sinking of the free-end saddle up to a critical point estimated between 2-3 mm.

This must be the only movement made by the hinge; crosswise movements could lead to unsuccess of the framework and this is the reason why it is forbidden the finishing or polishing of the rotating axis surface or the device rotating body.

The device should have the correct relation between the fixed and missing elements to be inserted into the removable saddle. Cases involving only one abutment crown has to be avoided (min. 2).

As it is a device for independent use, it is not necessary to use any parallel mandrel for the assembly but the parallelometer plate can be used as reference, checking that the model is not horizontally positioned, but slightly vestibularly inclined. This inclination will help the patient to insert and remove the removable part and increase the stability in the masticatory phase.

It is suggestable the periodic relining of the removable framework, to enable the mechanical return function. Use the suitable alloys and solders.

**Maintenance:** the patient should use daily liquid rinsing materials and an appropriated brush to clean the prosthesis. An **annual control** by the prosthodontist is required.

**Catalogue Attachments LV:**

See [www.nobilmetal.it](http://www.nobilmetal.it) **Attachments LV**

**Technical doubts or extra demands:** send an **e-mail** to [attachments@nobilmetal.it](mailto:attachments@nobilmetal.it)

All **Attachments LV** products are produced under **ISO 13485**

CE0546



Male HT for cast-on technique



Male IN for soldering



Female IN for cementing or soldering



Burnout male 110° inclined



Burnout male 90°



Some components contain Ni (IN: 11%, NP: 72%).

Any allergies to the individual components must be analyzed during the clinical project phase.

Only for professional technician and dentist use.

Dental Attachments are for single use and are supplied in NON-STERILE packaging.

Reuse may cause cross-infection.

