

## LV SP3 - direct casting technique

	<p><b>LV SP3</b> has a new design for the direct casting technique females.</p> <p>The female metal inserts in LV-HT and LV-NP alloy are designed to give a more stable superior surface.</p> <p>The plastic patterns are rounded for easier polishing and precise scanning</p>
	<p>Blue LV-NP: 1355 - 1450°C              # S3-131-6: for non-precious ceramic alloys only</p> <p>Orange LV-HT: 1350° - 1460°C              # S3-131-5: For precious and semi-precious ceramic alloys only</p>

### **Technical instructions:**

- \* Determine the path of insertion for the construction
- \* Wax up and provide the abutment crowns with necessary support areas.
- \* Adapt the selected plastic pattern (45° or 60°) to the crown, in order to have the attachments aesthetically positioned in the first prosthetic tooth.

	<ul style="list-style-type: none"> <li>* Place the casting sprues and add a vent to the lateral side of the pattern, for optimum casting results</li> <li>* Invest avoiding air bubbles in the metal female</li> <li>* Do not sandblast the inside of the female after casting</li> </ul>
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### **Secondary construction:** 4 different retention parts are provided

			
Retention TI for Cementing technique with NOBIL FIX <i>No use of space maintainer for duplicating</i>	Longitudinal acrylic retention TI	Circular acrylic retention TI	Direct-casting PM or soldering AP
2 + 2 pcs	2 pcs	2 pcs	2 pcs
S3-111-2	S3-111-3	S3-111-4	S3-111-7

## LV SP3 - BOLT-ON technique

					
Retention nut TI	Spring pin AP	Burnout plastic ring	Space maintainer	Blue plastic female 60°	Female NP
S3-101-S6					
<b>Spare parts</b>					
2 pcs	2 pcs	10 pcs	10 pcs		
S3-111-ST	S3-111-S	S3-111-1	S3-171-Q		

### **Technical instructions:**

- \* Assemble the spring pin S3-111-S + space maintainer into the female and prepare for duplication.
- \* Duplicate and pour an investment model. On the investment model you see now the top part of the spring pin, including threads.
- \* On the investment model, place the burnout plastic ring S3-111-1 on the flat surface of the spring pin (threading goes through round opening of burnout ring).
- \* Make modelation in wax on the investment model and connect the wax to the edges of the burnout ring (the ring is now part of the framework).
- \* Invest and cast the framework in Co Cr. Finish as usual.
- \* To connect the spring pin in the framework: put the spring pin in the framework from underneath, the threading passes through the round opening created by the burnout ring.
- \* Bolt-on (on the occlusal side) the retention nut S3-111-ST on the threads of spring pin and tighten.
- \* The retention nut is later embedded in the acrylic to prevent it from turning.

### **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**

	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.