PROCESSING INSTRUCTIONS

LV SFE

LV SFE Axial
Processing the male

- ✓ Determine the path of insertion of the prosthesis.
- ✓ Wax up the post-copings. The surfaces must be at a right angle to the path of insertion (parallel with the occlusal surface). They should be as low as possible.

Burn-out plastic

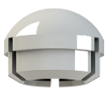
- Place the plastic male with the **AC-474-P** paralleling mandrel on the post-coping according to the position of the denture teeth, incorporate it into the wax pattern and remove the mandrel.
- Invest, burnout, and cast in a hard alloy. Don't use fast heating investments. Carefully finish the casting and do not remove too much material from the ball. Thoroughly polish. Use the **AC-074-A** cup burr.

Cast-on PM

- Place the male HT with the **AC-474-P** paralleling mandrel on the post-coping and incorporate it into the wax pattern. Invest, cast with precious alloy and finish.

- ✓ Place the **SP-471-QL** large space maintainer over the male on the post-coping. Adjust it until it covers the edge of the papilla by 1 to 1.5 mm.
- ✓ Press with the **AC-474-I** insertion tool the **SF-434-9A** female into the **SF-444-3TI** housing and place this assembly with the space maintainer over the male.
- ✓ Position the wax setup on the model and prepare for investing.
- ✓ Polymerize and finish. Remove the space maintainer after polymerization.
- ✓ Check the retention and replace the female if necessary by a **SF-434-9B** white female (reduced retention) or **SF-434-9C** red female (increased retention).

Duplicating DUPLICATING DUMMY MALE PLASTIC	Burn-out plastic HOUSING TI MALE PLASTIC	Cast-on Technique MP HOUSING TI MALE HT	Base ring Cast-on MP HOUSING TI MALE TI M2
			
SF-404-19	**SF-404-14**	**SF-404-54**	**SF-404-05**

		
SF-434-9A	**SF-434-9B**	**SF-434-9C**
Standard retention	**Reduced retention**	**Increased retention**

PROCESSING INSTRUCTIONS

Processing the female with duplicating dummy

Metal partial denture

- Prepare the working model for duplication.
- Place **SF-454-9** duplicating dummy over the male **without** the rubber space maintainer.
- Make a refractory model. The duplicating dummy should be perfectly reproduced.
- Make and wax up a conventional structure, and cast. Carefully sandblast after devesting without damaging the receptive cavity. Polish the access to the cavity to a high shine.
- Press with the **AC-474-I** insertion tool a **SF-434-9A** female into the created cavity.
- Place the **SF-474-Q** rubber space maintainer between male and female during finishing.

Acrylic resin denture with housing TI

- Complete the TI housing **SF-444-3TI** with a yellow female **SF-434-9A** using the insertion tool **AC-474-I**.
- Place the **SF-474-QL** large space maintainer over the male on the post-coping. Adjust it until it covers the edge of the papilla by 1 to 1.5 mm.
- Complete male and female with the rubber space maintainer **SF-474-Q** in between.
- Position the wax setup on the model. Prepare for investing. Polymerize and finish.

✓ Remove the space maintainer after polymerization.
✓ Check the retention and replace the female if necessary by a **SF-434-9B** white female (reduced retention) or **SF-434-9C** red female (increased retention).

LV SFE Extra-coronal
Processing the male

Titanium male

✓ Determine the path of insertion of the prosthesis.
✓ Select the appropriate **SP-121-1** plastic male keeper and place the **AC-071-P1** paralleling mandrel in the cavity.
✓ Adapt the plastic pattern according to the shape, position and height of the abutment crowns.
✓ Fix the male keeper with wax to the abutment crowns. Remove the paralleling mandrel and pre-invest the cavity with investment material (100 % expansion liquid).
✓ Sprue the crowns, invest, burnout, preheat carefully and cast in a hard alloy. Don't use fast heating investments.
✓ Sandblast the casting without damaging the cavity for the male.
✓ Reposition the model in the surveyor after porcelain veneering and the esthetic try-in.
✓ Fix the **SF-114-2** male in the **AC-474-P** paralleling mandrel and check if it is properly seated in the cavity.
✓ Mix a small quantity of **NOBIL FIX** and apply it in the cavity. Carefully read the instructions and follow them accurately.
✓ Place the male in the cavity filled with **NOBIL FIX** and secure in position for 10 minutes.
✓ Remove the paralleling mandrel and the **NOBIL FIX** residue.

Plastic male

✓ Determine the path of insertion of the prosthesis.
✓ Select the appropriate **SP-121-1** plastic male keeper and press the **SF-114-1** male into the
✓ cavity.
✓ Place the **AC-474-P** paralleling mandrel carefully on top of the male.
✓ Adapt the plastic pattern according to the shape, position and height of the abutment crowns.
✓ Fix the male keeper with wax to the abutment crowns. Remove the paralleling mandrel.
✓ Sprue the crowns, invest, burnout, preheat carefully and cast in a hard alloy. Do not use fast heating investments.

PROCESSING INSTRUCTIONS

- ✓ Sandblast the casting without damaging the male. Use the **AC-074-A** cup burr.
- ✓ Carefully finish the casting. Do not remove too much material from the ball. Thoroughly
- ✓ polish.

Processing the female with housing TI

Metal partial denture

- Prepare the working model for duplication. Do not place a female on the male.
- Block out the undercuts of the male keeper. The undercut wax should be applied parallel to the male keeper.
- Make a refractory model. Wax up a sleeve around the replica of the male keeper up to the upper edge, and connect to the wax pattern of the partial denture.
- Invest, cast, and finish the partial denture.
- A metal sleeve surrounding the male keeper is the result. Polish the inside to a high shine.
- Press with the **AC-474-I** insertion tool a **SF-434-9A** female into the **SF-444-3TI** housing.
- Place the **SF-474-Q** rubber space maintainer over the male and assemble with the female and the housing.

Processing the female directly in the frame, while duplicating

Metal partial denture

- Prepare the working model for duplication. Place the duplicating dummy on the male without using the rubber space maintainer.
- Block out the undercuts of the male keeper. The undercut wax should be applied parallel to the male keeper.
- Make a refractory model. Wax up around the replica of the duplicating dummy and connect to the wax pattern of the partial denture.
- Invest, cast, and finish the partial denture.
- Press with the **AC-474-I** insertion tool a **SF-434-9A** female into the created cavity by the duplicating dummy.
- Place now the **SF-474-Q** rubber space maintainer over the male and assemble primary and secondary structures.

		
SF-114-2	**SP-121-1**	**SF-114-1**
Male TI	**Male keepers 0°, 45°, 60°**	**Male plastic**

Catalogue Attachments LV: See www.nobilmetal.it **Attachments LV**

Technical doubts or extra demands: send an **e-mail** to attachments@nobilmetal.it

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

CE 0546

	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.