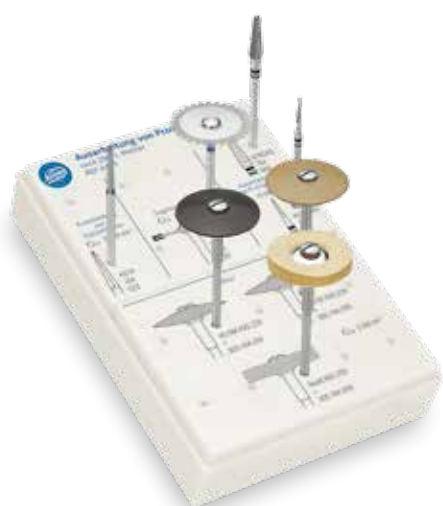




## Temporary appliances | Kit 4409



for work on temporary appliances,  
as suggested by dental assistant J. Mettler.

Looking at the lasting effect that the temporary appliance has on the final success of a restorative treatment, it becomes apparent just how important the quality of provisional appliances really is. In combination with temporary fixation composite, the provisional crowns or bridges act like a bandage, protecting the dentin and pulp from all thermal, chemical, mechanical, osmotic and bacterial noxa until the final prosthesis is applied. In order to guarantee the clinical success of a provisional appliance, special attention has to be paid to the quality of the marginal seal, the contact points with the adjacent teeth and the surface quality of the temporary appliance. An inadequately finished surface can lead to inflammatory reactions and a retraction of the marginal gingiva, especially in the interdental area and near the crown margin.

The Kit 4409 for the manufacture of temporary appliances was developed in cooperation with dental assistant J. Mettler. It comprises all the tools that are necessary to prevent the above mentioned problems from occurring.

The Kit contains two polishing lenses which were specially developed for temporary acrylics and a microfibre mop for quick, effective polishing. The grey lens (9515M) is designed for shaping and polishing, whereas the yellow lens (9515F) is recommended to polish the temporary appliance to high shine.

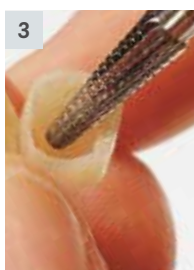
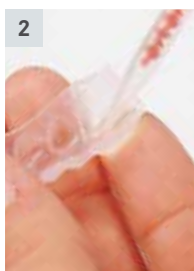
A perfect finish – which is desirable not only to achieve an aesthetically pleasing result but above all for medical reasons – is achieved by a final polishing step with the microfibre mop (9448).

The new Komet Kit 4409 facilitates the work on temporary crowns and bridges considerably. All required tools are stored in an instrument tray indicating each instrument's respective recommended speed. The instrument tray also features the figure numbers and a picture of each instrument for quick and easy re-ordering.

## Clinical sequence:

1. Cut the required part of the mould out of the deep-drawn foil with Tungsten carbide cutter H219.104.023.
2. Fill the mould with Luxatemp®\*.
3. Precise modelling of the exterior and interior surface with the budshaped GSQ cutter H79GSQ.104.040.
4. Creation of delicate structures (for example areas near the interdental papilla) with the help of the pointed tapered instrument H136GSQ.104.016.
5. Segmenting and separating excess material using the slightly flexible diamond disc 946.104.220.
6. Shaping and polishing by means of the grey polishing lens 9515M (abrasive: pumice).
7. High-shine polishing with the yellow polishing lens 9515F (abrasive: silicone carbide).
8. Final polishing with the microfibre mop 9448.

\*Luxatemp® - Automix Plus (Fa. DMG, Hamburg) is a self-curing composite for the manufacture of provisional appliances



## Recommendations for use:

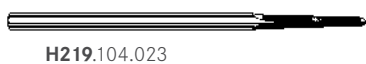
- Best results are achieved when the optimum speeds indicated on the instrument tray are observed, as follows:
- Work with Tungsten carbide instruments:  $\varnothing_{opt.}$  10.000 rpm
- Segmenting with the diamond disc:  $\varnothing_{opt.}$  15.000 rpm
- Polishing with the lenses and the microfibre mop:  $\varnothing_{opt.}$  5.000 rpm
- Excessive contact pressure ( $\geq 2N$ ) and speed can lead to increased generation of heat and thus to the destruction of the polisher .

### Scientific advice:

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9515F.900.220

