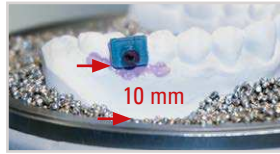




19. Fix upper jaw model on the Occluform model plate. Articulate the models using the silicone key. Open the Occluform and remove the silicone key.



20. Press the cut insulating foil of the Erkolen foil with the adhesive side down on the occlusal surface of the splint.



21. Pay attention that at least 10 mm around the spacers are free of granules.



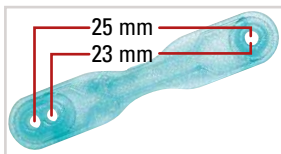
22. Now execute the second thermoforming process. As soon as the foil is adapted, close the Occluform. Allow to cool completely. Uncover all spacers before taking the splints off the model. Thereto, **carefully** grind through the plate ...



23. ... until the coloured marking on the spacers is just abraded, **not more and not less** (tungsten carbide bur > 20 000 rev/min). **Ensure a plane surface.** Take the splints off the models.

→ Continue at Finishing

Fabrication without construction bite



1. Separate the measuring templates.

25 mm or 23 mm ?, see hints, page 1, paragraph 4+5.

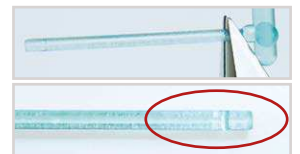
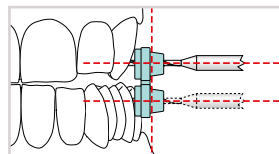


2. Articulate the models using a rubber band.



3. Fix measuring template as near as possible to the occlusal plane with Erkogum. Initial point is the upper canine or canine area. The lower pivot point results from the measurement (see hints).

Fix the measuring template with the drilling shells that way that a parallel drilling is possible.



4. Cut off the spacer hold-in pins.

Put the marked end in the drilled holes, see 7.



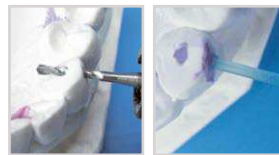
5. Drill with the 1.4 mm drill (**10 000 rev/min!**) through the drilling shell into the model, first in the canine area (3 mm depth of drilled hole or more).



6. Immediately insert a spacer holding pin through the drill guide. Only now drill the second hole. Drill the other side in the same way. Remove pins and templates ...



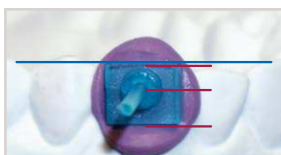
7. ... the models can now be separated. Now put all 4 spacer holding pins into the drilled holes. Strongly diverging spacer holding pins have to be adjusted.



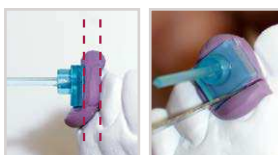
Hint for drilling: If the model has been drilled through, fix the spacer holding pin with Erkogum. Fix chipped plaster pieces and the pin with quick-acting glue.



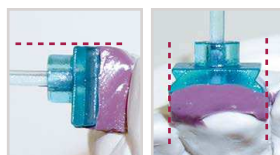
8. Put a poor quantity of Erkogum lilac onto the pins. Cut the spacers without overhang.



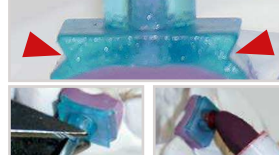
9. Push a spacer holder as illustrated onto the spacer holding pin and press it on as near as possible. The small side always points to the **occlusal plane**.



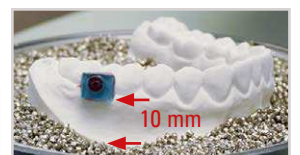
10. Pay attention to a parallelism of the modelling pads. Remove excessive Erkogum with a knife.



11. Undercuts between spacer holding pin and model have to be filled up.



12. Marked areas have to be free of Erkogum. Now mark the outermost surface of each spacer with an appropriate pen.



13. Embed the models into the granules, leave the area below the spacer at least 10 mm free of granules. Thermoform the models one after the other.



14. Immediately after the adaptation apply the Erkolen foil (1 mm) without insulating foil and press it on along the teeth row especially in the area of the front teeth, in doing so run with the ...



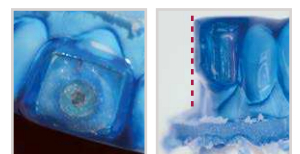
15. ... finger back and forth. Do not stay too long at one place, **hot!** The result is a plane occlusal surface.



16. Take the models out of the unit and roughly cut out before removing the splint from the model (fissure bur > 20 000 rev/min).



17. Uncover all spacers before taking the splints off the model. Thereto, **carefully** grind through the plate until the coloured marking on the spacers is just abraded, ...



18. ... **not more and not less!** (tungsten carbide bur > 20 000 rev/min) **Ensure a plane surface.** Take the splints off the models.

→ Continue at Finishing