Special silicone key technique offers massive time-saving options.

From wax set-up...

... to finished denture by only one high gloss polishing via special silicone key technique.

- **smooth surfaces through special silicone key technique**
- **reduces trimming work**
- **just polishing needed**

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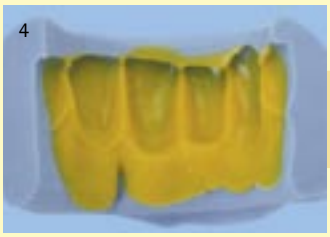
Silicone key techniques for temporary restorations:

Apply fine cast matrix silicone visio.sil fix on to the relevant areas. It is essential that interdental spaces and occlusal / incisal areas are deeply filled and nicelly covered.

The blue kneading silicone haptosil D is kneaded mixed from it's two components at 1:1 ratio until a homogenous color is achieved.

Right after applying visio.sil fix, haptosil must be adapted smoothly to completely embedthe visio.sil layer .



This silicone key technique with precisely casted surfaces and interdental spaces offers:
- less rework
- no super-glue needed
- stable matrix
- precise and easy repositioning of the key

Temporary anterior bridge: set up of visio.lign shells

Ready for pouring the tooth colored cold-curing resin breformance.

The polymerised bridge just needs trimming.

This indicates that the special silicone key technique is first choice for making temporary bridges such as from the SKY fast&fixed therapy.

Silicone key technique for casted dentures

The nicely designed wax set up to be transfered into acrylic resin.

FIne casting visio.sil fix (yellow) is applied vestibulary and occlusally

As visio.sil fix (yellow) is still in a sticky state, Haptosil D is applied all over the visio.sil fix layer to ensure a good link.

Precisely casted inerdental areas reduces trimming time. By the use of visio.sil there is no need of super-glue as silicone and veneering shells benefit from a suction bowl effect. This saves time and material as there is no super glue residue on the shell's surfaces which may also destroys the shell's morphology.

Special matrix drill holes for bubble-free pouring the resin.

Only a buffing wheel is required to polish to high gloss state. No additional trimming of the denture due to soecial silicone key technique.

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Silicone key technique for light-curing (opaque) materials

Optically opaque silicones

Drillholes applied by the matrix drill. To allo UV penetration of the matrix. Herewith UV light can access bonding resin.

Light pervading the hole in the matrix and veneer. A way to fix veneering shells through an opaque silicone key.

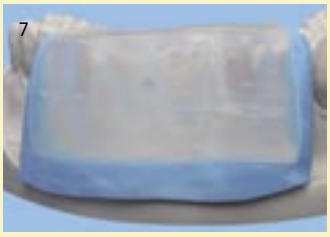
Obvious: From core to surface illumination of the veneering shell.

haptosil D silicone key– combined with transparant visio.sil

The blue haptosil D matrix is simply trimmed with a scalpel.

The window area to be filled up with transparent visio.sil

Use washing-up liquid to smoothen off viso.sil while at it's soft state.



Attention! Watch the correct order: Visio.sil bonds to haptosil D. haptosil D does not bond to hardened visio.sil.

Optional

Cut a slotted window into the hardened Haptosil D and fill up with visio.sil.

Apply haptosil D into the mucolabial fold and add to full matrix shape by using viso.sil.

Thanks to transparent visio.sil window, the light will penetrate the silicone key.

Silicone key made from transparent visio.sil

Direct application of visio.sil from the cartridge.

Due to good light transmission veneering shells are safely fixed.

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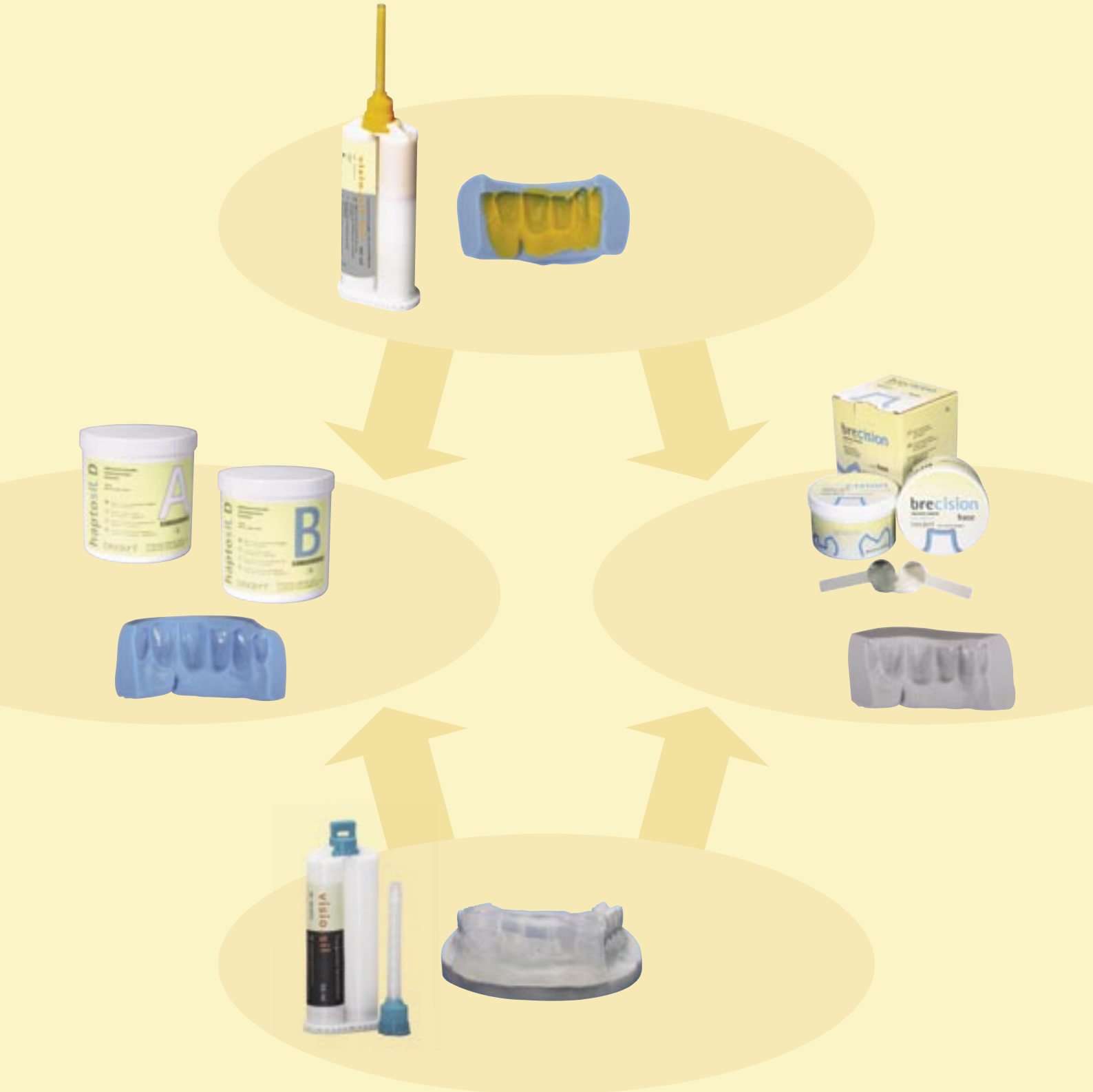
Overview of combination options



Accessories:

Matrix drill
1 piece
REF 330 0078 0

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