

Instructions for Assembling Multiple Sector Screws 4015/3 und 4016/2

These angled expansion screws are furnished with an injected wax spacer to prevent reliably that acrylic penetrate into the mechanics and to provide sufficiently large clearances around the fixed screw body, to simplify the sawing work to separate the sectors. **Do not remove this spacer before built the screw into the acrylic!** The easiest way to remove this wax after polymerization is to melt out with a steam cleaner or a hot water device.

The activation holes of the expansion screw must also be be completely cleaned, so that the activation key can be inserted over the entire depth (Fig. 1), to ensure an optimal force transmission. Otherwise there is a risk that the bores will be deformed and destroyed.

The technicians have to take special care by cutting the base (Fig. 2).

It is most important, that the three resulting sectors are completely separated before the first activation of the screw.

Not under any circumstances, it should be attempted to crack remaining acrylate residues by unscrewing the screw.

This will inevitably damage or destruct the screw, because the steel will be overloaded and the threat spindle probably breaks. The sketch below shows the advantageous position and guidance of the saw cuts.

Around the area of the positioning pin (3.), the acrylic base should be milled a generous free space in order to facilitate subsequent cleaning and to avoid inaccessible cavities in which dirt or lime can deposit.

Fig. 1

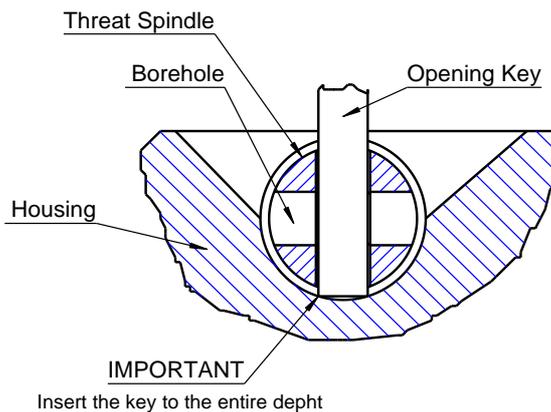


Fig. 2

