



Composite remover | 5985



German patent DE 19908 507 - European patent EP 1 031 325



The special tip assures excellent axial grinding properties



The structured lateral surface provides increased chip space to allow for quick material reduction

Rough diamond – chiselled core.

Modern materials require specific instruments. This is why Komet has developed the diamond coated abrasive instrument 5985 exclusively for the quick and effective removal of composite fillings.

The shape, size and grit size of this instrument guarantee optimal removal of all commonly used types of composite. Even in cases where standard instruments do not always perform to a satisfactory standard, the new composite remover 5985 achieves professional, convincing results.

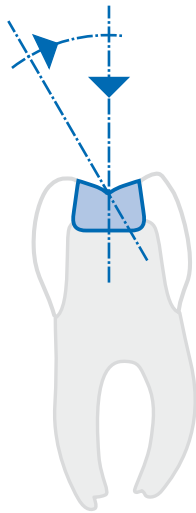
The most distinguishing features include the distinct tip, the super-coarse diamond coating and the special structure of the blank. The detailed construction in true Komet quality guarantees high resistance to breakage as well as smooth operation and safe application. The two black rings symbolise high cutting efficiency and give this abrasive diamond instrument its instantly recognizable appearance.

Unique design for outstanding dynamics

The special tip of the working part permits axial drilling, thus making it possible to remove large amounts of composite right from the first rotation of the bur – even if the 5985 is placed into the filling the usual way. At the same time, the open space at the head provides enough room for the chips produced in order to prevent the instrument from blunting.

Comprehensive tests have shown that a coating with super-coarse grit (150 µm) is most favourable as it permits a particularly dynamic material reduction without smearing.

The real secret of this composite remover's success, however, is its chiselled surface. The multi-surface structure of the special steel blank provides additional chip and hollow spaces, thus increasing the instrument's cutting aggressiveness and ensuring exceptionally quick reduction of acrylic fillings.



Important:

Always use the composite remover 5985 with water cooling!

Recommendations for use:

- The 5985 is applied in axial direction or in inclined position.
- Subsequent excavating as usual.
- The composite remover 5985 is used with low contact pressure (2N) and sufficient water cooling (at least 50 ml/min.).
- The recommended speed is $\text{opt. } 160.000 \text{ rpm}$ in the red contra-angle. The 5985 can also be used in the turbine.



●● 5985.314.012