

Sets 4337 and 4337F for micropreparation.

Diamond instruments for minimally
invasive cavity preparation.

The minimally invasive preparation of cavities requires instruments with small working parts and slender necks, like those contained in the instrument sets developed in collaboration with Dr. Stefan Neumeier (Eschlkam).

The user can choose between instruments with normal (set 4337) or fine grain (set 4337F), according to the amount of substance to be removed and the surface roughness.

Small instrument sizes (889M/838M/830RM) are used for the tissue-preserving opening of large, profound carious lesions (fig. 1) or for eliminating minimally undermining carious in the fissure region (fig. 2).

The special shape and the diamond coated neck of the instruments 830M/953M/953AM facilitate the option of preparing rounded surfaces with undercuts, especially when working at inner areas in the interproximal region (fig. 3).

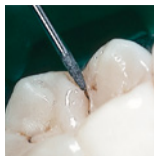


Fig. 1



Fig. 2

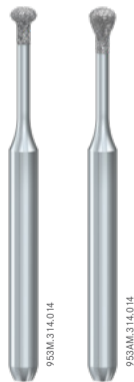


Fig. 3

For hard-to-reach areas and pediatric dentistry, we recommend our set 4337.313 containing FG instruments with a short shank.

Speed:

- Recommended use at an optimum speed of $\odot_{opt.}$ 160,000 rpm, preferably in a red contra-angle. Optimum speed for finishing: $\odot_{opt.}$ 20,000 rpm.





Set 4337



Set 4337F



Handy hint:

For treating dentin caries we recommend the set 4383 according to Dr. Stefan Neumeyer. The set contains selected micropreparation instruments: tungsten carbide burs and diamond finishers for retouching fillings.

Opening of fissures:



Handy hint:

The sonic tip SF849 is a special alternative for the careful opening of fissures.



Handy hint:

The K59.314.010 (ceramic) or the H59.314.010 (tungsten carbide) and/or the H59.313.010 with a 3 mm shorter shank are also recommended for those who prefer working with rotary instruments.