



Tungsten Carbide Cutters | UK



Optimal surface quality and high material reduction when working on tooth-coloured materials.

Up to now, ceramics were usually ground with diamond or SiC abrasives before firing. However, the resulting surface did not always meet the high quality requirements.

With the introduction of the new Komet UK cutters – specially designed for working on tooth-coloured materials such as ceramics and acrylic veneer materials – rough surfaces with striations caused by the coarse surface of the grinding instruments are now a thing of the past.

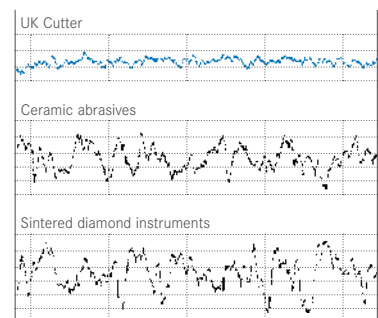
The advantages of the UK toothing:

Extended range of application

The UK toothing is equally suitable for working on ceramics (before glaze firing) as on acrylic veneers and transitions between veneer materials and metal frames.

Optimised surface quality

Due to the new double toothing the UK cutters produce a surface which meets even the highest demands.



Comparison diagram of surface qualities (roughness μm)

Economic use

The use of a particularly fine, hotisostatically pressed tungsten carbide guarantees sharp, unmarred blades and a long service life.

Unique design

Due to its distinct white ring, its golden shank and its laser marking "UK", the UK cutter is clearly distinguishable from other cutters.

Ergonomic work

UK cutters not only guarantee controlled material reduction but their smooth operation is also gentle on the operator's wrists.

Application:

1. Individual shaping of the tooth and its surface structure with instrument H77UK.104.023.

2. Anatomic trimming of the cervical area and shaping of the occlusal surface by means of instrument H129UK.104.023.

3. Reworking and shaping of the natural occlusal morphology, instrument H138UK.104.023.

4. Precise trimming of the transition between metal frame and veneer ceramics with instrument H139UK.104.023.



Recommendations of use:

- To be used in the laboratory handpiece with low contact pressure
- Recommended speed:
Veneer acrylics: $\varnothing_{opt.}$ 25.000 rpm
Soft ceramics: $\varnothing_{opt.}$ 15.000 rpm



○ H77UK.104.023



○ H79UK.104.040



○ H129UK.104.023



○ H136UK.104.016



○ H138UK.104.023



○ H139UK.104.023