



Diamond abrasives | DCB



Effective abrasives for universal grinding of all types of ceramics.

In the last few years, many materials have seen a significant development during which their stability was greatly increased. All-ceramic restorations are now an established option and constitute a daily challenge that requires great manual skills.

This new level of hardness places even greater demands on the tools. These include a long service life and excellent substance removal, to name but two of the new requirements really good tools have to meet these days.

The yellow and green DCB abrasives are provided with a high-strength ceramic bond, they have stable edges and are resistant to fracture. Over the years, the instruments have been constantly optimized and adapted to optimally suit the requirements of these materials.

This guarantees a 100 % cutting performance and a consistently high sharpness from the first to the last work step.

The advantages of the DCB abrasives include the gentle abrasive behaviour and ease of control. No more annoying clogging of the working part with grinding dust and chips!

It is the stability of their edges and their resistance to fracture and wear that give these high-performance abrasives their long service life and excellent durability.

Advantages:

- Effective on all types of ceramics, including zirconium oxide
- Gentle, intuitive work without need to apply pressure
- The fine surfaces achieved, e.g. 4 – 6 µm on zirconium oxide, facilitate the subsequent polishing step
- Excellent service life and stability of the edges
- Special bond with high content of diamond grains

Application:

1. and 2. Work on ceramic veneers with the instrument DCB3CA.104.040 and DCB5MA.104.220.
3. Trimming of sprues using the instrument DCB4CA.104.120.
4. The DCB2MA.104.065 is effective even on model cast.

Green DCB abrasives:

Medium diamond grit



Recommendations for use:

- Recommended speed: $\varnothing_{opt.}$ 12.000 rpm
- Work without pressure
- Helpful hint: For optional cooling, we recommend squeezing a wet sponge over the site you are working on.

Yellow DCB abrasives:

Coarse diamond grit

