



Aesthetics begins with the cut.







At the end of the day, what counts is a perfect result.

Ceramic restorations have been a scientifically acknowledged treatment method for a long time. They are extremely popular, last but not least because they do not contain any metal and look stunningly attractive.

It therefore comes as no surprise that patients' demand for ceramic restorations is ever-growing. However, the huge choice of materials and above all, the extreme hardness of high-end ceramics – in par-

ticular zirconium oxide – pose a major challenge to dental technicians that they have to face on a day-to-day basis.

The anatomical shape of the tooth and the macro and micro structures on the surface make every tooth as unique as a finger print. Even the tiniest detail has to be considered and transferred to the restoration in order to achieve a natural looking result.

Every tooth, every patient is different, and dental technicians have to adapt to new anatomical conditions every time, which

requires a lot of intuition and anatomical expertise. Reliable tools and material help turning ideas into reality, always with the goal to produce restorations that mimic nature as closely as possible.

Komet offers dental technicians a comprehensive range of reliable, high-end diamond tools to suit any material and indication.

With these, you are perfectly prepared to face all your day-to-day challenges at the dental laboratory.





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Perfection in all types of ceramics.

Long-lasting companions for everyday use at the laboratory.



Everyday work in the laboratory has definitely become harder - as have the materials to be processed. This new level of hardness places greater demands on the tools. A long service life and effective material removal are decisive factors. Specially developed for all-ceramic restorations, Komet's DCB abrasives have been continuously optimised over the years and adapted to the requirements of the materials. They owe the dimensional stability of their edges and their resistance to breakage to their high-strength ceramic bond.

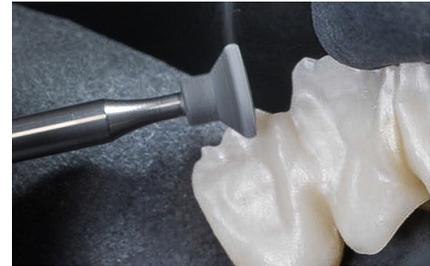
The yellow and green DCB grinders have been an integral part of everyday laboratory work for years. The bond, which is optimised for full ceramics, is interspersed with a high proportion of bonded diamond grains. This guarantees a consistent grinding performance and maintains the high initial sharpness from the first to the last step. Clogging of the working part with grinding dust and debris is now a thing of the past.

The new ETNA grinders mark the beginning of a new era, with an advanced level of performance for greater efficiency and reliable outcomes. They are suitable for a wide

range of applications and enable precise results in rough and fine processing while also offering an impressively long service life. The special diamond grain ensures uniform material removal under perfect control and helps to create smooth surfaces. Available in a wide range of shapes, ETNA grinders can be used for precise and efficient processing in all areas of ceramic restoration.

Together, Komet's DCB diamonds form a system that guarantees maximum precision, a long service life and superior results in everyday laboratory work.





Premium diamond grit:



DCB8BA.104.035



DCB12BA.104.035



DCB13BA.104.150

Medium diamond grit:



DCB2.104.065



DCB4.104.120



DCB5.104.220

Coarse diamond grit:



DCB1CA.104.025



DCB3CA.104.040



DCB9CA.104.050

Instructions for use:

- Recommended speed
 _{opt.} 12.000 rpm
- Work without pressure.
- Use abrasives across the entire surface area, avoid working on selective points.



Tip:

During work, the site can be cooled with a wet sponge.

Thanks to the exceptional hardness and great stability of the instrument edges, DCB abrasives can also be used on hard non-precious metal alloys, for example CoCr ("model cast").



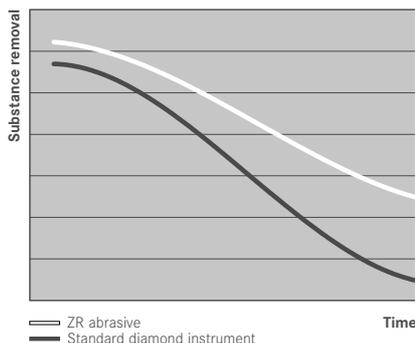
Our ZrO₂ specialists.

Tools for efficient rework with the lab turbine.



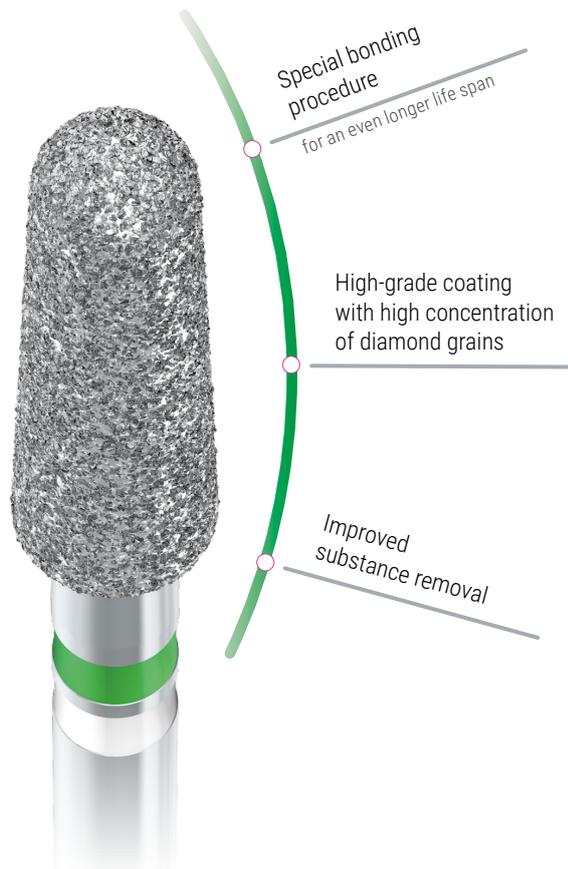
Work on all-ceramic restorations counts among the most challenging jobs at the laboratory.

Komet offers a comprehensive range of tools for work on these materials, both for use in a dental turbine or hand-piece. The service life of traditional diamond instruments is too short to deal with the extraordinary hardness of these materials which leads to premature wear. Designed for use in the laboratory turbine, ZR abrasives were specially developed for work on all-ceramic restorations. They are distinguished by their superior substance removal and improved cutting efficiency compared to traditional diamond burs.



The instruments owe these outstanding properties to a special bonding procedure thanks to which the diamond grains are durably embedded in the instrument surface.

The different grit sizes can be recognized by a colored ring on the instrument shank.





Fine diamond grit:



●○ ZR8801L.314.010



●○ ZR8850.314.016



●○ ZR8881.314.016

Medium diamond grit



●○ ZR850.314.016



●○ ZR379.314.014



●○ ZR863.314.014



●○ ZR943.314.065

Coarse diamond grit:



●○ ZR6856.314.025



●○ ZR6801.314.023

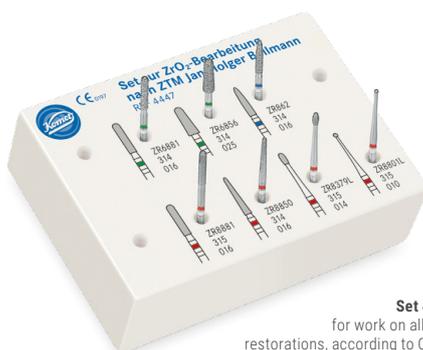


●○ ZR6881.314.016



Instructions for use::

- Recommended speed
 ⚙️_{opt.} 160.000 rpm
- Intended for use in a laboratory turbine with water spray.
- Work with low contact pressure (< 2 N).



Set 4447.314
 for work on all-ceramic restorations, according to Chartered Dental Technician Jan Holger Bellmann.



ZR abrasives

are also available for milling technology.

Primary parts made of zirconium oxide

can be polished to a high shine in record time with the 4-step ZR abrasives of identical shape. The instrument sets are available in 0°/1° and 2°.



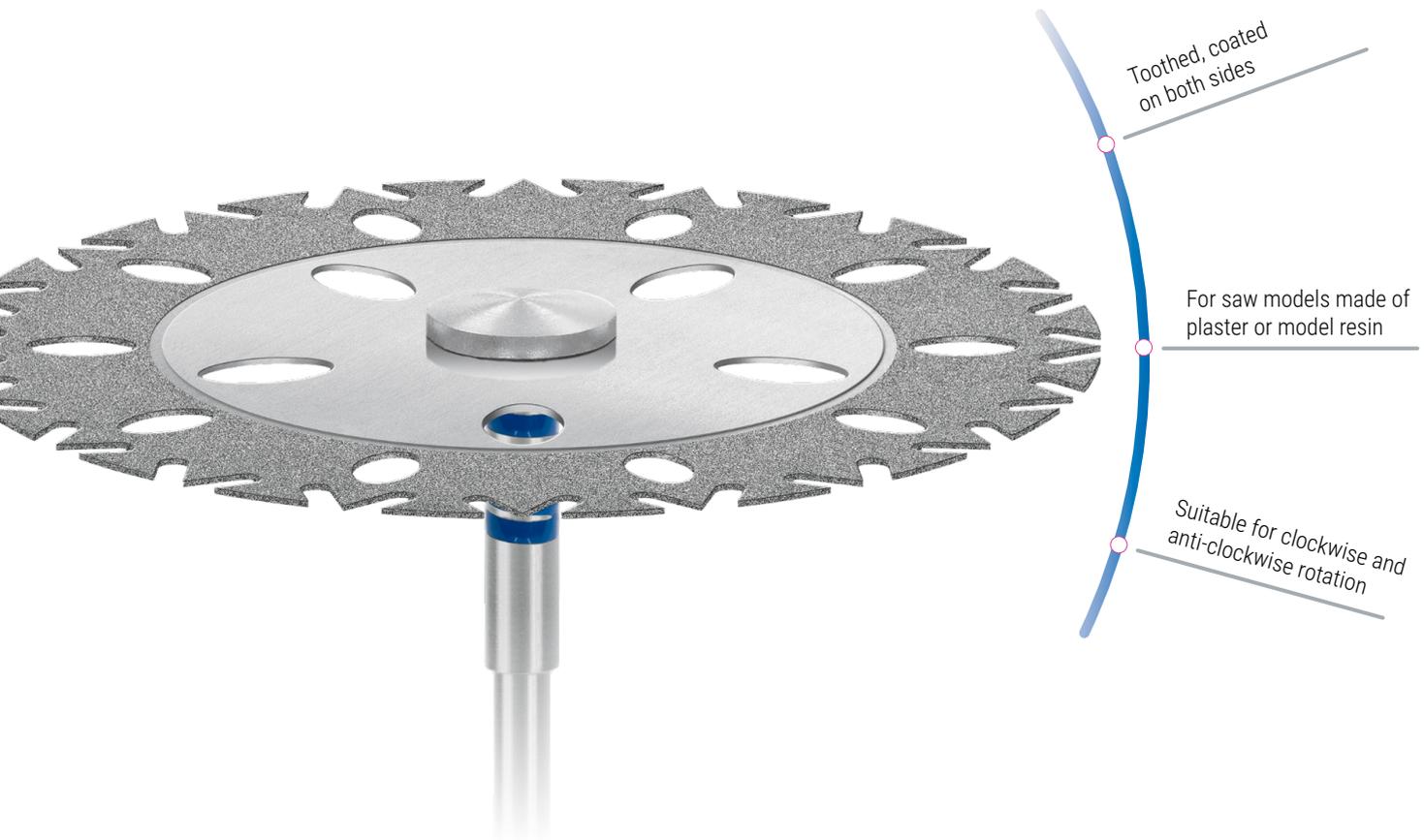
Round, not square.

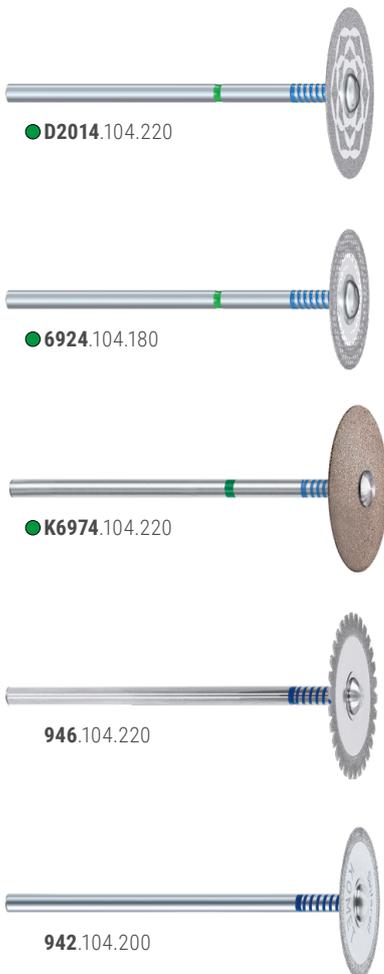
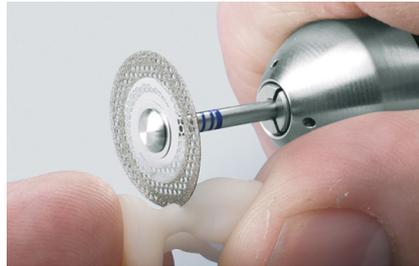
Diamond discs for all indications.



Every diamond disc reflects the know-how acquired during more than 95 years of experience in the production of rotary dental instruments. The indications of these discs are manifold: segmenting of plaster models, contouring of ceramic or composite veneers or simply separating. Our comprehensive and varied selection of diamond discs offers the perfect tool for almost any

requirement and indication, thus enabling you to professionally meet all the daily challenges at the laboratory. The cutting efficiency of each disc is second to none, and their precision is unsurpassed. Thanks to their long service life, diamond discs made by Komet ensure that you achieve maximum results every time.





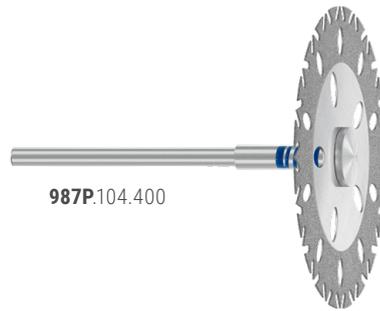
● D2014.104.220

● 6924.104.180

● K6974.104.220

946.104.220

942.104.200



987P.104.400

Product features:

- Diamond discs ranging from hyper flexible to rigid.
- Different diamond grits and disc diameters.
- Galvanically coated or interspersed with diamond grit.
- Factory mounted for perfect concentricity and high safety.



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