



**DIAO.**


Efficiency, created from  
diamonds and pearls.

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More concentration of power, longer service life, better control.

DIAO

The word "DIAO" is rendered in large, orange-outlined, sans-serif capital letters. The letters are superimposed on a background of various faceted, 3D-style diamond shapes in shades of blue and teal. The 'D' is a complex polygon, 'I' is a simple vertical bar, 'A' is a simple triangle, and 'O' is a simple circle.



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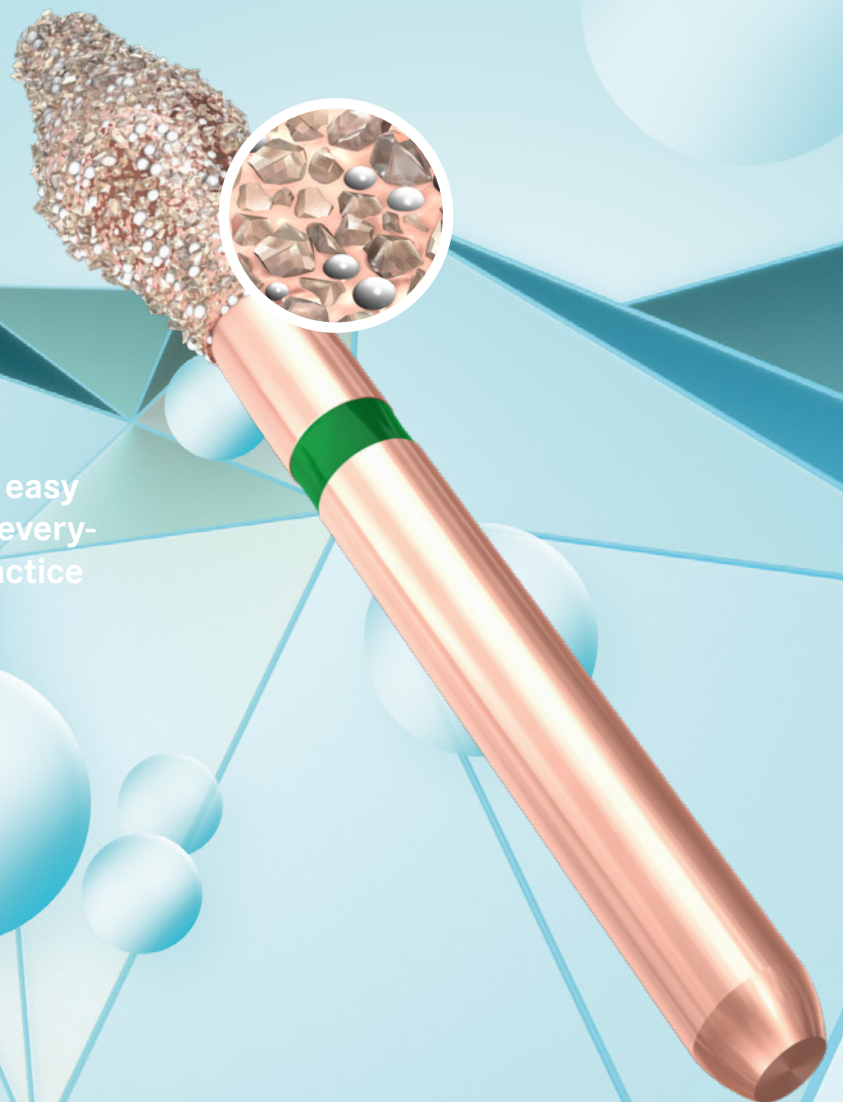
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# A new generation of diamonds for preparations of unmatched quality.

● Concentrated power  
for exceptional durability

● Optimum control

● Rose gold color for easy  
recognition during every-  
day work at the practice



# A powerful innovation with amazing durability.

Crown preparation counts among the core jobs at the dental practice. A routine that demands a lot: Concentration, time and physical effort. Isn't there a way of making these jobs easier and better at the same time?

The answer: DIAO, with its innovative diamond coating that combines diamond grains and ceramic pearls. This combination creates concentrated power that can be applied with the utmost precision, giving the instrument amazing durability and significantly prolonging the sharpness of its coating. You can rely on the instrument staying sharp over an extremely long time. That's not all: DIAO is easy and comfortable to guide for perfect control.

For optimum recognition facilitating the workflow in everyday use, DIAO is provided with an unmistakable color: a classy, modern, radiant rose gold.

- **Concentrated power for exceptional durability**

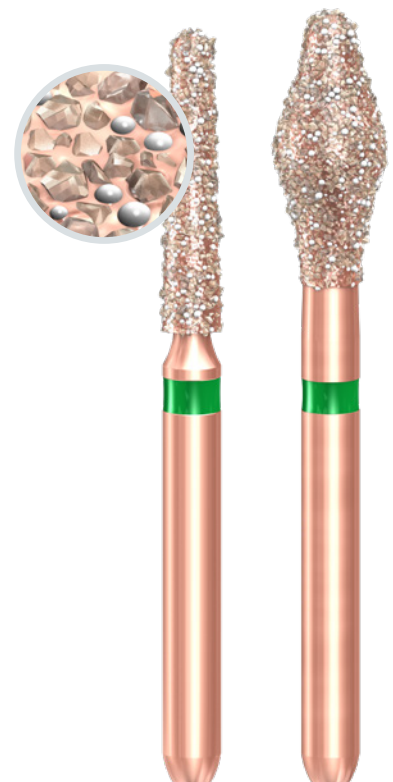
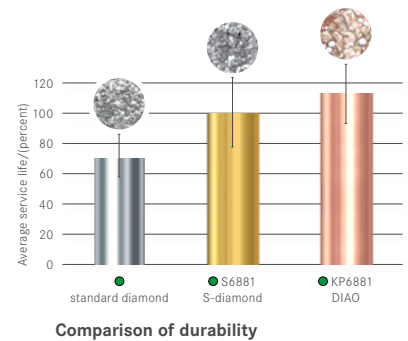
The combination of diamond grains and ceramic pearls leads to an unprecedented concentration of power that ensures an incredibly long service life. The optimal density of the coating guarantees that the instrument stays sharp for an exceptionally long time – a sharpness you can rely on time and time again.

- **Optimum control**

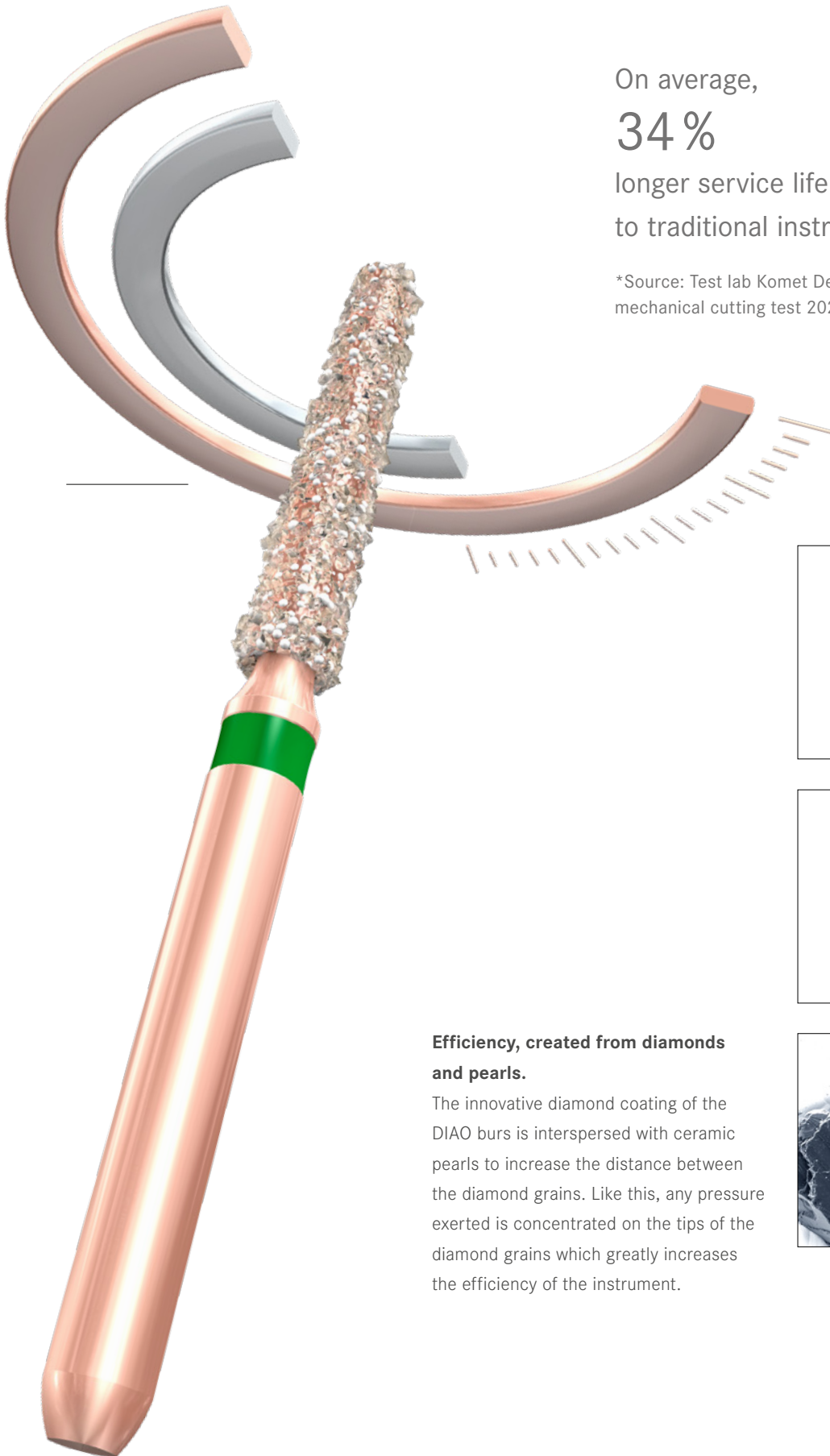
Thanks to its innovative diamond coating, the DIAO can be guided smoothly and with ease, thus increasing the safety during the treatment.

- **Easy recognition during everyday work thanks to the rose gold color**

DIAO supports the entire team every day at the practice. With its distinctive rose gold color, DIAO greatly facilitates the instrument management. The instruments stand out wherever they are, during the treatment, during reprocessing process or when placing the instruments back into storage. This contributes to a smooth workflow at the practice.





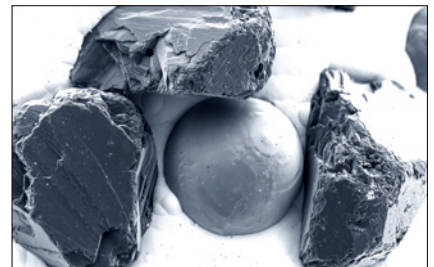
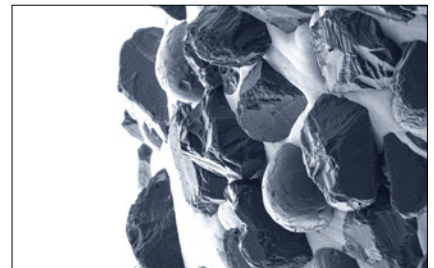
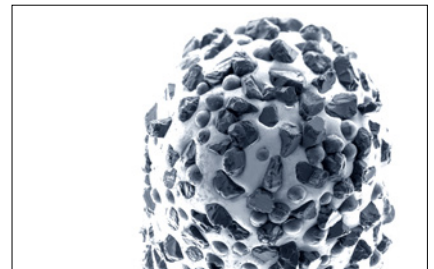


On average,

**34 %**

longer service life compared  
to traditional instruments\*

\*Source: Test lab Komet Dental,  
mechanical cutting test 2020



**Efficiency, created from diamonds  
and pearls.**

The innovative diamond coating of the DIAO burs is interspersed with ceramic pearls to increase the distance between the diamond grains. Like this, any pressure exerted is concentrated on the tips of the diamond grains which greatly increases the efficiency of the instrument.

# DIAO. In action.

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## More concentration of power, longer service life, better control.

DIAO is much easier to handle and impresses the user with its smooth operation and the way it glides across the tooth. Although easy to control, the instrument removes material consistently and at a greater speed.



## Directions:

- Optimum speed:  
☉<sub>opt.</sub> 160,000 rpm  
(except KP6370: ☉<sub>opt.</sub> 100,000 rpm)  
Preferably use in a red contra-angle.  
The maximum speed is indicated on the product label.
- At ☉<sub>opt.</sub> 300,000 rpm, the instrument can also be used in a dental turbine. (except KP6370).
- Always provide sufficient spray cooling at least 50 ml/min.
- To achieve a good preparation result, the surface should be smoothed with a finisher of identical matching shape after the pre-preparation.
- The instruments remove material very effectively. Therefore, only low contact pressure (<2N) has to be applied during work.

# DIAO.

## The range.

### Instruments with 8 mm working length

Cylinder, round edge



● KP6837KR.314.012



● KP6837KR.314.014



● KP6837KR.314.016

Cylinder, round



● KP6881.314.012



● KP6881.314.014



● KP6881.314.016

Torpedo



● KP6878.314.012



● KP6878.314.014



● KP6878.314.016

Tapered, round



● KP6856.314.014



● KP6856.314.016



● KP6856.314.018



● KP6856.314.021

Torpedo, tapered



● KP6878K.314.014



● KP6878K.314.016



● KP6878K.314.018

Flame



● KP6862.314.012



● KP6862.314.016

### Instruments with 10 mm working length

Cylinder, round



● KP6882.314.012



● KP6882.314.014



● KP6882.314.016

Torpedo



● KP6879.314.012



● KP6879.314.014



● KP6879.314.016

Tapered, round



● KP6850.314.014



● KP6850.314.016



● KP6850.314.018

Torpedo, tapered



● KP6879K.314.014



● KP6879K.314.016



● KP6879K.314.018

### Instrument with 12 mm working length

Cylinder, round



● KP6879L.314.014

### Occlusal/lingual reduction

OccluShaper



● KP6370.314.030



● KP6370.314.035

Egg



● KP6379.314.023

Komet Dental

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