Diagen-Turbo-Grinder – now in two abrasion levels

The system of diamond grinders with extraordinary grinding properties thanks to special Diagen diamond binding material.

- two abrasion levels for more flexibility in the usage
- special binding material (coarse) for longer tool life (20 %) and reduced consumption of grinders
- cooling effect avoids damage to the zirconium
- 11 different shapes for all applications ensure perfect processing results
- can be used for zirconium, ceramic and metal
- continuously exposed diamonds guarantee fast removal of material
- recommended by leading zirconium and ceramic manufacturers; * to make sure that the right decision has been made *

New shapes:
- Cylinder, pointed, for easy access to narrow areas
- Cylinder, round, for finishing chamfers

Comparison of microsection
Zirconium

New shapes in additional abrasion level

Fast removal thanks to coarse diamond grain and special diamond binding material.
Surface roughness: 26 µm

Unsurpassed grinding power and abrasive capacity on zirconium, ceramic and metal surfaces at reduced pressure. Prolonged tool life compared to conventional binding materials provides a wide range of applications and thus high efficiency.

Schematic view

<table>
<thead>
<tr>
<th>selected natural diamonds</th>
<th>high concentration of diamonds</th>
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<tbody>
<tr>
<td>Diagen binding material</td>
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Smoothening of surfaces and finishing with fine diamond grain:
Surface roughness 2 µm

* The companies Ivoclar Vivadent, Vita und Teamziereis recommend the Diagen-Turbo-Grinders for processing zirconium and ceramic.
Quick finishing of closely positioned crowns with the pointed cylinder saves time.

Processing without pressure and simultaneous cooling due to the diagen binding material avoid damage to the zirconium.

The round shape facilitates finishing of chamfers for individual abutments. This way the time for finishing is reduced and the efficiency is increased.

The unique diamond binding material ensures longer tool life and the coarser diamond grain facilitates efficient processing.

The coarse diamond grain leads to fast removal of material and reworking with the fine Diagen-Turbo-Grinder produces perfect surfaces. Ideal for processing IPS e.max.

Accurate finishing in the shoulder area with the fine Diagen-Turbo-Grinder for precise restorations made of press ceramic, layering ceramic or zirconium. A perfect surface for subsequent polishing with Zi-polish is obtained.

Diagen-Turbo-Grinder, coarse  New quality of Diagen binding material with coarse diamond grain for fast removal of material.

Diagen-Turbo-Grinder, fine  Proven quality with fine diamond grain for perfect smoothing of surfaces.

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1. Quick finishing of closely positioned crowns with the pointed cylinder saves time.
2. Processing without pressure and simultaneous cooling due to the diagen binding material avoid damage to the zirconium.
3. The round shape facilitates finishing of chamfers for individual abutments. This way the time for finishing is reduced and the efficiency is increased.
4. The unique diamond binding material ensures longer tool life and the coarser diamond grain facilitates efficient processing.
5. The coarse diamond grain leads to fast removal of material and reworking with the fine Diagen-Turbo-Grinder produces perfect surfaces. Ideal for processing IPS e.max.
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**Assortments**

Diagen-Turbo-Grinder 5 pieces REF 340 0020 0

Diagen-Turbo-Grinder ceramic 5 pieces REF 340 0020 5

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**Accessories**

Zi-polish 5 g REF 360 1002 5

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The abrasive polishing paste Zi-polish in combination with the Rodeo round brush produces a perfect high luster on zirconium surfaces in a shorter time.