SKYTEC BASIC+
GRINDING TOOLS FOR PERIPHERAL GRINDING
OF PCD AND PCBN CUTTING INSERTS

A Company of the SWAROVSKI Group
www.tyrolit.com
SKYTEC BASIC+

TYROLIT offers the innovative SKYTEC BASIC+ product line for the economical production of PCD and PCBN cutting inserts. This proven series stands for precision geometry and minimal cutting-edge chipping. A bond system with increased porosity forms the centrepiece of this solution.

**Better cutting ability:**
The bond system is characterised by a higher porosity at the same effective hardness of the grinding tool. This allows greater grinding power to be achieved.

**Minimal cutting-edge chipping**
Perfectly matched diamond qualities lead to less cutting-edge chipping on your cutting inserts.

**Stock range:** To ensure rapid availability, TYROLIT offers a comprehensive stock range in a wide variety of specifications and dimensions for the most common types of grinding machine.

**Increased productivity:**
Due to the exceptional bond properties, a high cooling effect of the grinding tool is achieved. This results in a longer tool life and increased productivity during the grinding process.

### Application
Peripheral grinding of PCD and PCBN cutting inserts

### Dressing recommendations
For the perfect grinding results, the TYROLIT application engineers recommend silicon carbide or corundum conditioning tools for the SKYTEC Basic+ product line.

<table>
<thead>
<tr>
<th>Grinding tool grit size</th>
<th>Dressing tool grit size</th>
<th>Sharpening stick grit size</th>
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<tbody>
<tr>
<td>D3 – D9</td>
<td>A400 / C400 (SiC)</td>
<td>A600</td>
</tr>
<tr>
<td>D10 – D17</td>
<td>A320 / C320 (SiC)</td>
<td>A240</td>
</tr>
<tr>
<td>D20 – D32</td>
<td>A240 / C240 (SiC)</td>
<td>A240</td>
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For more details see www.tyrolit.com/skytecbasicplus