



## **SKYTEC BASIC+**

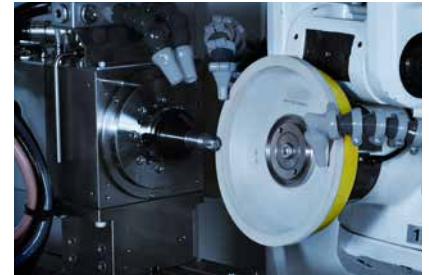
GRINDING TOOLS FOR PERIPHERAL GRINDING  
OF PCD AND PCBN CUTTING INSERTS

# 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.

## Application

Peripheral grinding of PCD and PCBN cutting inserts



### + 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.



+ **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.

### + Minimal cutting-edge chipping

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

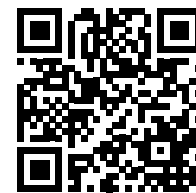
### + Increased productivity:

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.

## Dressing recommendations

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

Grinding tool grit size	Dressing tool grit size	Sharpening stick grit size
D3 – D9	A400 / C400 (SiC)	A600
D10 – D17	A320 / C320 (SiC)	A240
D20 – D32	A240 / C240 (SiC)	A240



For more details see [www.tyrolit.com/skytecbasicplus](http://www.tyrolit.com/skytecbasicplus)