SKYTEC XD-1
X-TREME DIAMOND CONCENTRATION FOR
ULTIMATE PERFORMANCE
IN PCD AND PCBN MACHINING
**SKYTEC XD-1**

"During the grinding process, all the work is performed by the abrasive grain." This central guiding principle has significantly shaped the development of the SKYTEC XD-1. The SKYTEC XD-1 product line impresses through a particularly high proportion of diamond grain, embedded in a specially developed bond. This results in excellent grinding performance and a long tool life.

- **Shorter grinding times:** The high diamond concentration and the perfectly matched open bond system lead to increased stock removal rates and short grinding cycles.

- **Maximum lifetime:** Long tool life and therefore shorter non-productive process times are achieved through high adhesion strength of the diamond grain in a vitrified bond.

- **High cutting-edge quality:** The high quality requirements in PCD/PCBN machining can be optimally met through the special combination of diamond and bond content.

**Application**
Peripheral grinding of a cutting insert with SKYTEC XD-1

**Extensive stock range**
Various shapes and specifications for the most common machine types are quickly available to you ex stock from TYROLIT.

Detailed information at:
www.tyrolit.co.uk/skytecxd1