



## **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.

## Application

Peripheral grinding of a cutting insert with SKYTEC XD-1



+ **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.

## 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/skytecd1](http://www.tyrolit.co.uk/skytecd1)

