



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

