

COOL CUT 3

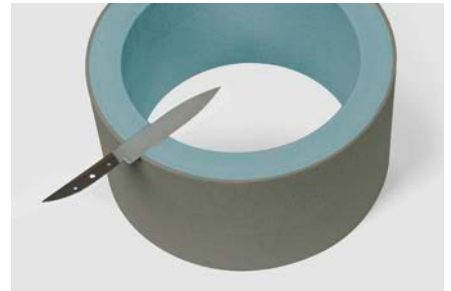
Grinding and polishing tools for the cutlery industry

COOL CUT 3

High-performance grinding tools with cool grinding and significantly reduced wheel wear for knife grinding.

The COOL CUT 3 bond system was specifically developed to increase wheel life, while containing the low grinding temperature of previous COOL CUT generations.

Application: Knife side grinding for every type of blade

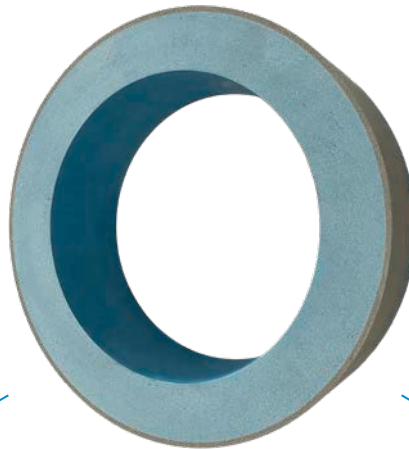


+ Longevity:

The newly developed bond of the COOL CUT 3 substantially reduces wheel wear, increases wheel life and thus lowers costs.

+ Optimised porosity:

A higher and finer porosity distribution results in lower grinding forces and reduced heat generation. Furthermore, it can be perfectly tailored to customer requirements.



+ 2in1 application:

COOL CUT 3 is also available as a two-layer wheel. This proven tool combines grinding and polishing in a single operation, significantly increasing the productivity of the knife grinding process.

+ Technical application expertise:

The new tools are available for all knife grinding machines and applications. Additionally, they are customised for specific processes by our experienced Tyrolit application engineers.

Performance test

Parameters: Vs: 30 m/s, Vf: 900 mm/min, Ae: 0,6 mm/each side
Workpiece: Kitchen knife | length: 92 mm | width: 17 mm | thickness: 2 mm

Wear reduction by more than 50 %



Thanks to its innovative design, COOL CUT 3 delivers outstanding technical performance, significantly boosts productivity and lowers the cost per unit.