

# DIAMOND GRINDING TOOLS FOR MACHINING TECHNICAL CERAMIC COMPONENTS

A Company of the SWAROVSKI Group  
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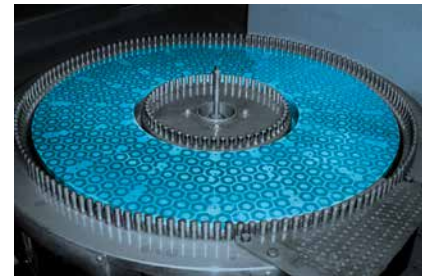
**TYROLIT**

# DIAMOND GRINDING TOOL

for machining technical ceramic components

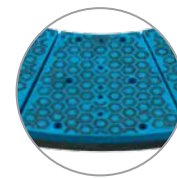
TYROLIT offers a comprehensive range of products for machining ceramic components. These include various application-specific bond systems with optimised performance in conjunction with new diamond qualities.

**Application:** Double side face grinding of ceramic components



+ **Reduced wheel wear:** The new diamond qualities and optimised bonds reduce grinding wheel wear, dramatically increasing the lifetime of the product.

+ **High stock removal rate:** The specifications enable a high stock removal rate when using smaller grit sizes, meaning that the desired surface finishes can be achieved.



+ **Low grinding forces:** The extremely easy cutting specification reduces the grinding forces on the work piece, while simultaneously ensuring low grinding wheel wear.

## Product range

TYROLIT offers a range of products for all standard grinding applications such as:

- + External cylindrical grinding \*
- + Surface grinding \*
- + Internal cylindrical grinding
- + Double side face grinding
- + Cutting
- + Drilling

### Individually tailored grinding tools

TYROLIT application engineers define the specifications for every usage case, taking into account specific customer requirements.

### High damping effect: \*

The use of special core materials guarantees even better surfaces.

### Other advantages:

- + Low weight
- + Increased lifetimes
- + Higher peripheral speeds up to max. 160 m/s

