



MIRA ALPHA

Vitrified bonded worm grinding wheels
for continuous generating grinding of gears

MIRA ALPHA

The product line MIRA ALPHA has been specially developed for continuous generating grinding of gears. It is a product update to the product line MIRA ICE. With the new ALPHA technology from TYROLIT previously unattained results in terms of economy and cool grinding can be achieved.

Application

Continuous generating grinding of gears



+ **Best cost efficiency:** Shortened grinding times as well as extended dressing cycles reduce both machining costs and tool costs per component significantly.

+ **Highest process reliability:** The new ALPHA technology from TYROLIT guarantees an optimum grinding result at all times despite increased performance parameters.

+ **Cool grinding:** Despite increased grinding parameters the risk of grinding burn is reduced, thus making the entire process safer.



+ **Improved surface qualities:** With the new grain geometry and quality of the ALPHA technology significantly improved surface qualities on the component can be achieved.

With MIRA ALPHA, we consistently follow our proven path of innovation.

The new ALPHA technology from TYROLIT at a glance

- New grain quality with TYROLIT technology
- New grain geometry with TYROLIT technology
- Assured quality thanks to in-house grain production
- Adapted high-strength bond system



Grinding wheel structure MIRA ALPHA