

## **MIRA REX**

VITRIFIED BONDED HONING WHEELS FOR  
TOOTH FLANK HONING

# MIRA REX

Over 25 years of experience in gear honing make TYROLIT the market and technology leader in its field. Now, more than ever, the MIRA REX product line has made it possible to provide the optimum technical solution for high-efficiency honing. The continual further development of tool specifications with regard to both hardness and cutting ability guarantees the maximum performance from the honing wheel combined with extended dressing intervals.

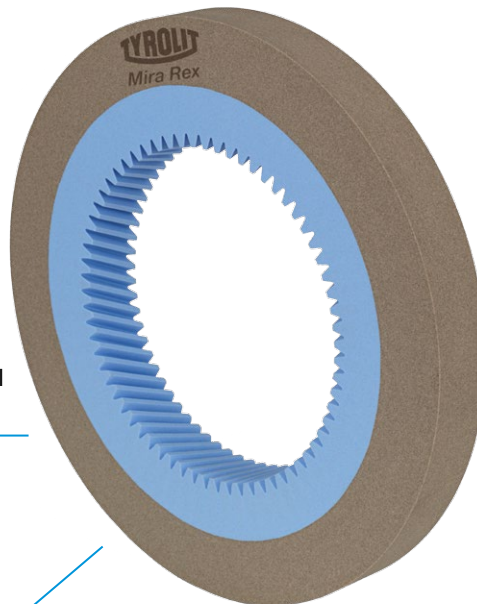
**Application**  
High-performance honing of gearing



+ **Maximum performance:** Yield has been increased by a factor of 10 since the introduction of the first generation of vitrified bonded tools

+ **Short initial dressing times:** The precision pre-profiling of MIRA REX honing wheels significantly reduces the effort required in initial dressing.

+ **Rapid availability:** MIRA REX honing wheels are kept in stock and then finished individually in line with customer requirements.



+ **System solution:** The design and specification of MIRA REX honing wheels are perfectly tailored for use with MIRA DDG diamond dressing gears.

## Example of application

Workpiece: Automotive gearing with clutch body  
Module 2.2 / EW 20° / 19 teeth  
Machine: Fässler HMX 400  
Honing ring: REX 560 / 400 x 30 mm

**Yield increased** (workpieces per dressing cycle)

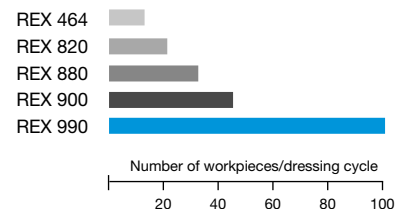


**Total workpiece yield per honing ring**



## Continuous increase in yield since the first generation of tools

Honing wheels for Präwema machines



Honing wheels for Gleason-Hurth, Fässler and other machines

