

MIRA REX COMP

Vitrified bonded honing wheels for tooth flank honing
in composite design

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Over 25 years of experience in gear honing make TYROLIT the market and technology leader in this field. With the new 2-zone composite design MIRA REX COMP range, we have succeeded in developing technically optimised and adapted honing wheels for power honing. The abrasive inner ring is produced using vitrified bonding. The outer ring is made of a PU bonding without abrasive grains. A patent application was filed for this innovative honing wheel design.

Application:
High performance honing of gears with MIRA REX COMP



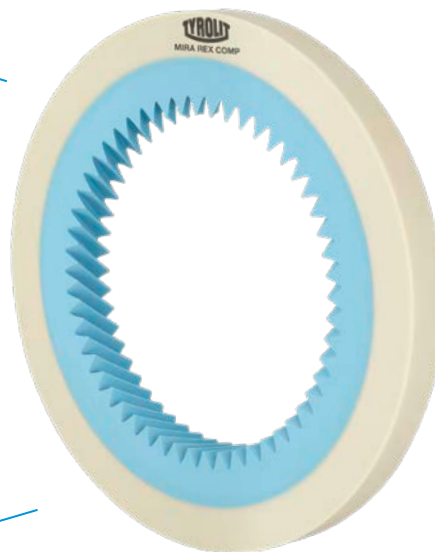
+ Protection of the tool holder:
Reduced mechanical wear on the tool holder due to composite zone without abrasive grains and therefore also improved assembly and disassembly of the honing wheels.

+ Low weight: Through the 2-zone design the weight of the honing wheels was reduced by up to 20%. This results in easier handling and lower load on the machine components.

+ Vibration-damping properties:
Reduced vibrations lead to improved processing results.

+ Rapid availability: Honing wheels are kept in stock and then finished individually in line with customer requirements. Delivery time: 2 weeks ex works.

+ Worldwide service: Our competent application technology service is available at short notice and supports the use of MIRA REX COMP honing wheels worldwide.



+ Best surface results:
Improved and reproducible surface quality.

MIRA REX COMP honing wheels are available in the following specifications:

1.) For Präwema power honing machines

- a.) with dressing technique diamond dressing-gear:
REX COMP-970, REX COMP-990, REX COMP-1000, REX COMP-1050, REX COMP-1200
- b.) with dressing technique VSD
REX COMP VTEC-20, REX COMP VTEC-30, REX COMP VTEC-40

2.) For Fässler, Gleason, Kanzaki and further machines:

- REX COMP-560, REX COMP-570, REX COMP-575