

## **MIRA DDS**

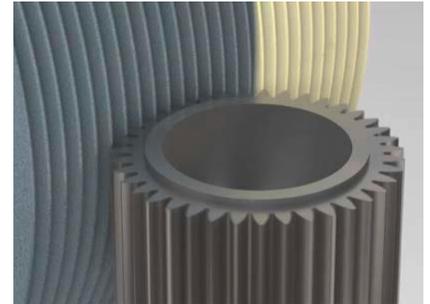
Diamond-dressing tools for dressing of gear grinding wheels  
for continuous generating gear grinding

## MIRA DDS (Diamond Dressing System)

More than 25 years of experience in hard fine finishing of gears make TYROLIT the market and technology leader in this field. TYROLIT extends the MIRA product assortment for hard fine finishing of gears with the MIRA DDS dressing tools, for dressing in continuous generating gear grinding. MIRA DDS dressing tools guarantee best gear qualities and a reproducible work result.

**Application:**

Continuous generating gear grinding

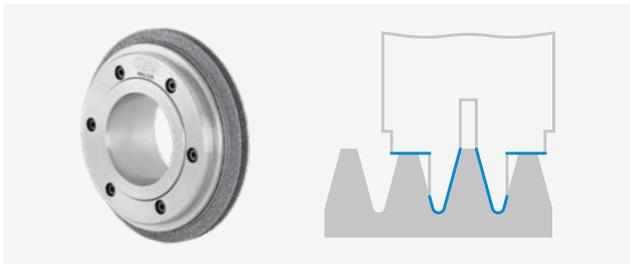


- + **Quality:**  
Highest quality, precision and longevity at optimal profile stability and best cutting behavior.
- + **Range:**  
Comprehensive assortment of tool layout covering all customer requirements.
- + **Engineering:** Individual consultation, optimised tool design as well as implementation of desired modifications including tangential tip relief.
- + **Wear protection:**  
Possibility of version with PCD/CVD.
- + **Service:**  
Rework, repair service and regeneration for tools through strip and replating is possible.
- + **System solution:**  
Adapted and optimised system solution with TYROLIT MIRA gear grinding wheels.
- + **Application engineering:**  
Our competent application engineers are quickly available and support the use of MIRA DDS worldwide.



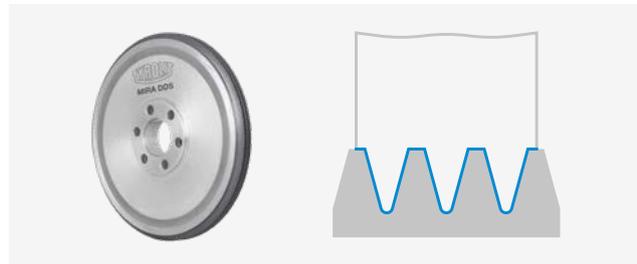
# MIRA DDS (Diamond Dressing System)

MIRA DDS dressing tools for single- and multi-start dressing of gear grinding wheels for continuous generating gear grinding with different layout components.



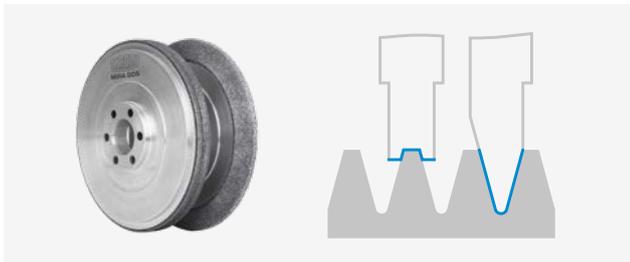
### MIRA DDS Set Profile Dresser

The set profile dressers are multi part tools that are delivered assembled and matched precisely to user requirements. Simultaneous dressing of the profile is also possible with complete tooth root geometry. The tools are used in the automated manufacture of medium-sized and large batches. They are manufactured using a positive electro plating process. Regeneration can be done by strip and replating.



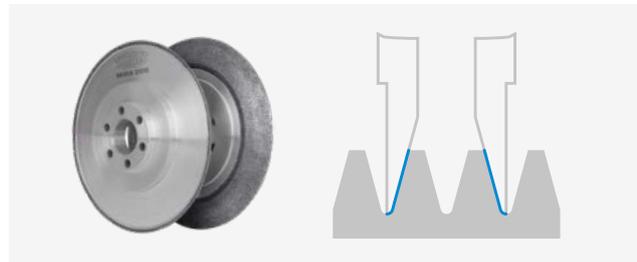
### MIRA DDS Full Profile Dresser (multi-rib)

The full profile dresser has multiple ribs. Simultaneous dressing of the profile is also possible with complete tooth root geometry. The tools are used in the automated manufacture of medium-sized and large batches. The production is always done in a reverse electroplating process.



### MIRA DDS Full Profile Dresser (1-rib)

This full profile dresser can optionally be used together with a rounding dresser. Simultaneous dressing of the profile is also possible in combination with a rounding dresser with complete tooth root geometry. They are manufactured using a positive electro plating process. Regeneration can be done by strip and replating.



### MIRA DDS Single Taper Dressing Disc

This tool is principally used in pairs. They are manufactured using a positive electro plating process. The tools are mainly used in the automated manufacture of small and large batches high level of flexibility. Regeneration can be done by rework or strip and replating.

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