We offer you dressing rolls for flexible, workpiece specific or topological dressing of ceramic tools or CBN tools for continuous generating grinding of external gears.

All rolls in our product portfolio are characterised by the following production and quality features:

- Tool geometry calculated with special mathematically based software to ensure the customer requirements regarding the amount of bias, profile modifications and gear root design
- Delivered with machine-specific tool data sheet
- Highly wear-resistant chemical vapor deposit-diamond inserts for edge reinforcement on the tip of the tool (for rolls with a small module); if necessary, also available over the entire dressing profile
- Runout inspection surfaces for precisely aligning in the machine
- The rolls are repeatedly regrindable
- Completely reclaimable
- Design for module < 1.0 mm is possible
- Profile accuracy < 2.0 μm is realisable
Our dressing tools are used for generating grinding with natural entanglement and topological generating grinding with influenceable bias. In addition to the multi-ribbed profile rolls for fast and efficient dressing, dressing rolls with or without tip dresser are also available.

Diamond profile rolls for dressing of the worm gap:

- **Multi-ribbed diamond profile roll**
  - W-L-VPX
  - Dressing of the gap
- **Diamond profile roll**
  - W-L-OK
  - Dressing of the gap without tip dresser
- **Diamond profile roll**
  - W-L-MK-MZ
  - Dressing of the gap with tip dresser grinding of the root
- **Diamond profile roll**
  - W-L-MK-OZ
  - Dressing of the gap with tip dresser without grinding of the root

Diamond profile rolls for dressing of the worm tooth:

- **Diamond profile roll pair**
  - W-Z
  - Dressing of the tooth for use on double spindle dressing unit
- **Diamond form roll**
  - W
  - Topological dressing, universally applicable
- **Diamond profile roll**
  - W-Z-MK-MZ
  - Dressing of the tooth with tip dresser with grinding of the root
- **Diamond profile roll**
  - W-Z-MK-OZ
  - Dressing of the tooth with tip dresser without grinding of the root