

Optimized for demanding e-drive requirements

The Reishauer 3Dperformer is a dressing tool for grinding processes especially geared for e-drives. The combination of the dressing tool, with its newly developed diamond-coated finish, and combined with the fine grinding worm, contributes significantly to ensuring stability in the grinding process. Its benefits are particularly evident in applications for continuous generating grinding which requires very tight tolerances, which is typical for e-drives.

e-drive grinding system: grinding worm with fine-grinding section and composite profile roll with newly developed performance coating



The new combination wheel enables high metal removal and output rates, simultaneously generating a fine surface finish. Both tools complement one another perfectly and provide the customer with significant performance benefits.

Reishauer 3Dperformer provides the following benefits:

- increased long-term stability, even with the tightest dimensional tolerances, as required for e-drive applications ($f_{ta} < 0.002$)
- significantly reduced thermal effects due to low dressing and grinding forces
- optimized running-in behavior, making any free running obsolete

