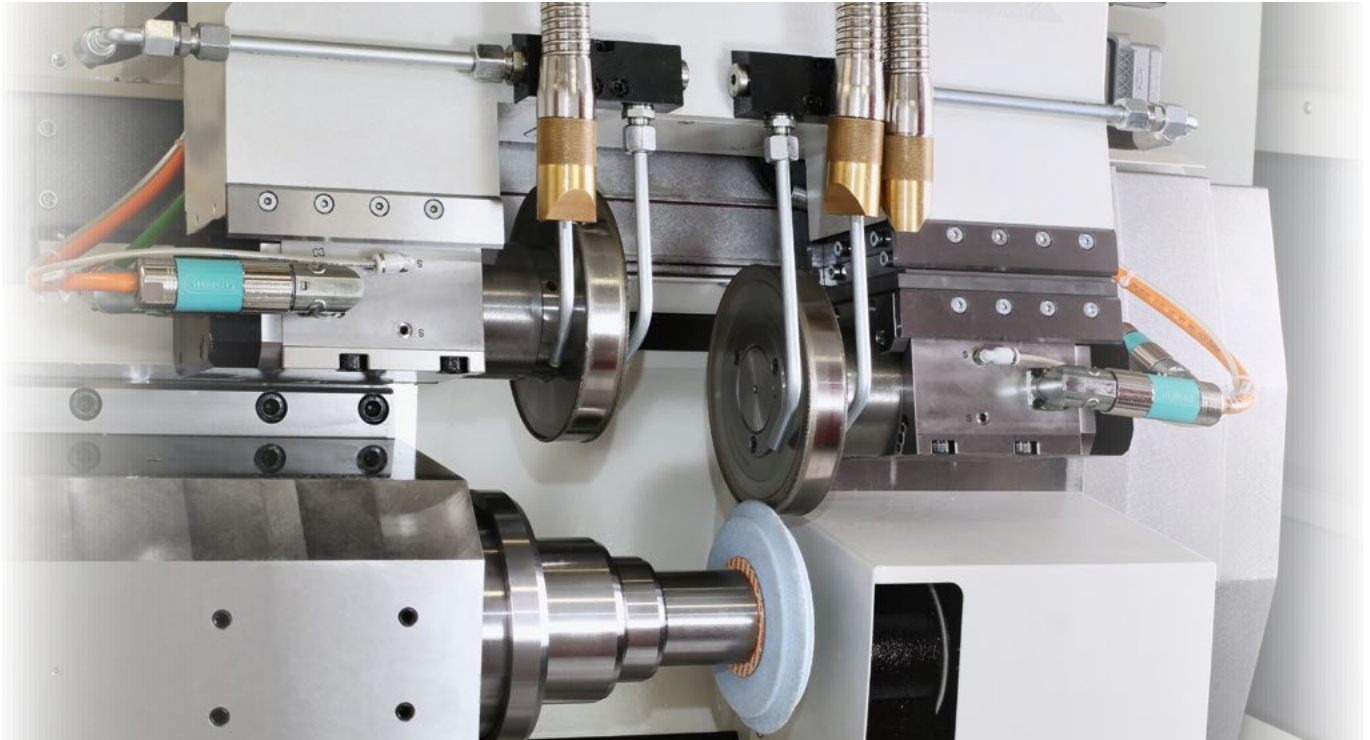


# DRESSING TOOLS



KAPP NILES

## Diamond form rolls

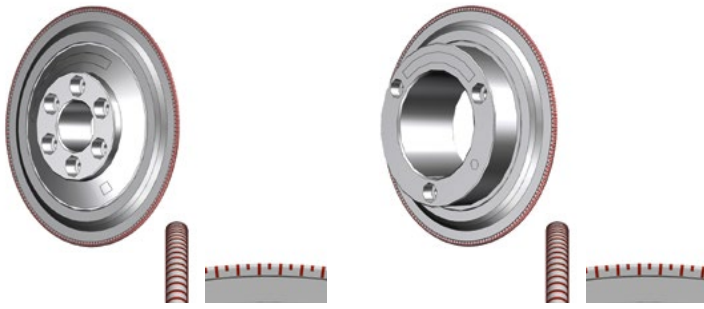


We offer you dressing rolls to profile dressable profile grinding wheels in different designs, both with single and double-sided radius.

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

- Delivered with machine-specific tool data sheet
- Runout inspection surfaces for precisely aligning in the machine
- Design with hand-set, highly wear-resistant **chemical vapor deposit-diamond** inserts for profile reinforcement
- Design with natural diamond (more wear-resistant than synthetic diamond)
- The rolls are repeatedly regrindable
- Radius design is possible from 0.1 mm to 3.0 mm
- Profile accuracy < 2.0 µm is realisable

## Design of diamond form roll with single radius:



### For the series VUS, VAS, VX and KX

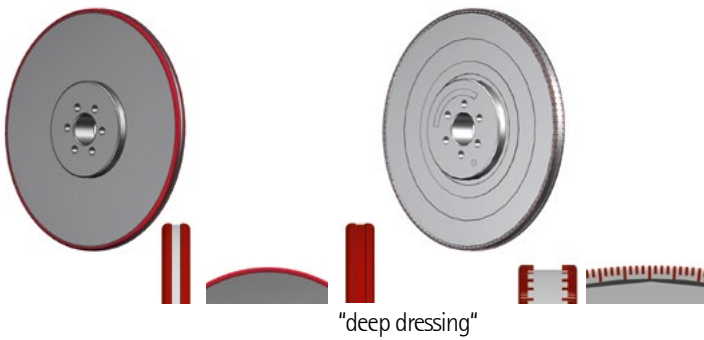
- Outer diameter: 120 mm / 130 mm
- Bore diameter: 25 mm / 52 mm
- Tool width: 25 mm / 40 mm
- Radius: 0.1 - 2.0 mm
- Cutting material: CVD reinforcement



### For the series ZE and ZP

- Diameter range: 150 - 230 mm
- Bore diameter: 25 mm / 52 mm
- Tool width: 25 mm / 40 mm
- Radius: 0.5 - 2.0 mm / 1.0 - 2.0 mm
- Cutting material: CVD reinforcement / natural diamond

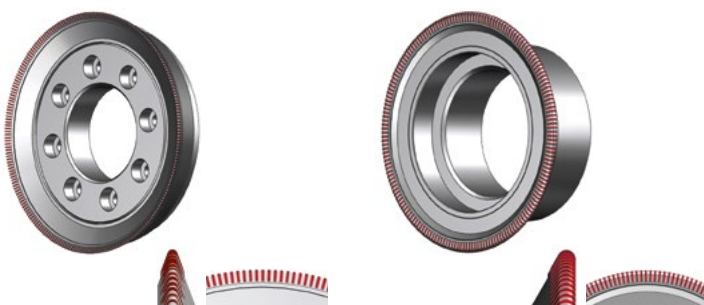
## Design of diamond form roll with double-sided radius:



### For all of KAPP NILES series

- Diameter range: 80 - 230 mm
- Bore diameter: 25 mm / 52 mm
- Tool width: 25 mm / 40 mm
- Radius: 0.5 - 2.0 mm / 1.0 - 2.0 mm
- Cutting material: CVD reinforcement / natural diamond

## Design as special profile:



### For all profile grinding machines

- Diameter range: 50 - 230 mm
- Radius: 0.1 - 3.0 mm
- Cutting material: CVD reinforcement / natural diamond