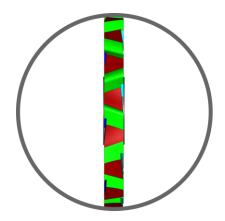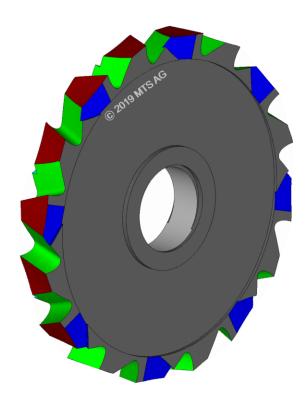# MTS

Product of the VOLLMER Group

Software-Modul
Spezifikation „Side Milling Cutter/NMENU"
Stand: 15.01.25

MTS

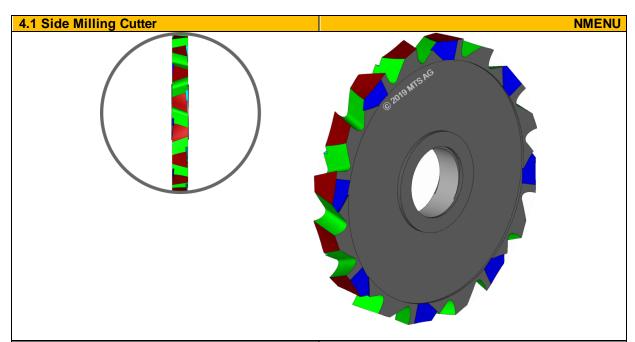Product of the VOLLMER Group

MTS

Product of the VOLLMER Group

4.1 Basic Modul Side Milling Cutter

- **Workpiece:**
  Cylinder
  Trapecoid
  Prisma
  Half Angle
  Full Radius
- **End Faces:**
  Plan Face
  Chamfer
  Corner Radius
- **Teeth:**
  Standard teeth
  Staggered teeth
  Staggered/skipping teeth
- **Production / Regrinding**
  Production by different infeed in several steps
  Regrinding with calculation of removal length, periphery and rake.
  Regrinding, finishing with different wheels
- **Main Fluting**
  Meas. definition: Point-/ normal cut
  Grind direction: Forward / backward
  Optional spark out grinding

- **Periphery:**
  Linear relief: 1st/ 2nd /3rd relief angle
  Radial relief: Cross-/ longitudinal
  Grind direction: Forward / backward
  Optional spark out grinding
- **Heel**
  Grind proc.: Crosswise-/ longitudinal
  Production by different infeed (several steps)
  Grind direction: Forward / backward
  Optional spark out grinding
- **Face Relief:**
  like end mills
- **Gashing, front/rear:**
  like end mills
- **Chamfer front/rear:**
  like end mills
- **Periphery**
  Linear grinding: 1st / 2nd / 3rd clearance angle
  Arch grinding: cross / longitudinal
- **Grinding process**
  Grinding direction: forward / backward
  Radius cutters can grind the peripheral chamfer in one go for the front and back.