

■ Conventional Slotting

- Full slotting limitations:
 - Usually not more than $a_p = 1 \times D$.
 - Conventional and climb milling at the same time.
 - High heat development on the tool and on the workpiece.
 - Difficult chip evacuation.
 - High radial forces.
- This means:
 - No constant chip thickness.
 - Low MRR.
 - Surface quality from the left to right side are different.
 - Limited tool life.
 - High power and torque requirements for the machine.

