YOUR MAIN TARGETS: CUTTING CONDITIONS FOR BEST PERFORMANCE & CONTROLLED TOOL WEAR

1. FEED - AVERAGE CHIP THICKNESS

\[ f = h_m \times C_1 \times C_2 \]

2. EFFECTIVE CUTTING SPEED

\[ v_c = v_c \times C_2 \]

3. CONTROLLED TOOL WEAR

- Tool wear
- Thermal cracking
- Chipping
- Built-up edge
- Point wear
- Too fast flank wear

4. CUTTING CONDITIONS

Make sure the milling operation is done in the best circumstances possible:
- Correct tool positioning
- Most stable milling cutter
- No vibrations
- Good chip evacuation

This schedule represents the majority of cases. For specific cases in unfavorable circumstances or for specific measurements, please contact your business partner at Seco.