PM-HSS hob: Confirmed results at high speed

Tool:
PM-HSS hob (S390)
D = 70 mm

Workpiece:
Steel 1.7131 (AISI 5115)

Cutting data:
Cut 1: \( v_c = 200 \)
Cut 2: \( v_c = 320 \)
\( m_n = 1.52 \)
dry
Gearbox for passenger car

Benefit:
+70% tool life

Source:
Oerlikon Balzers/Automotive Enduser