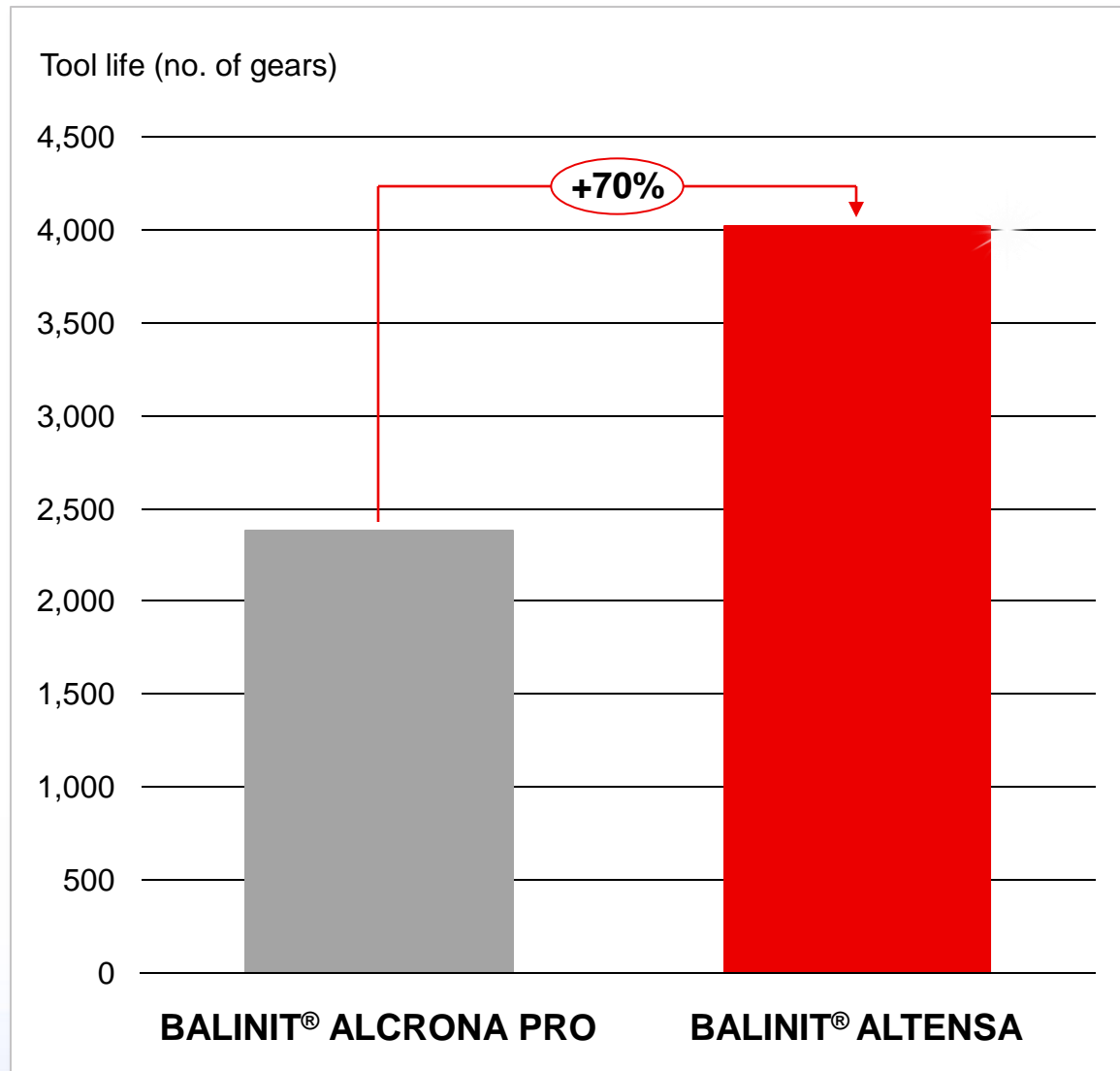


# PM-HSS hob: Confirmed results at high speed



**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

