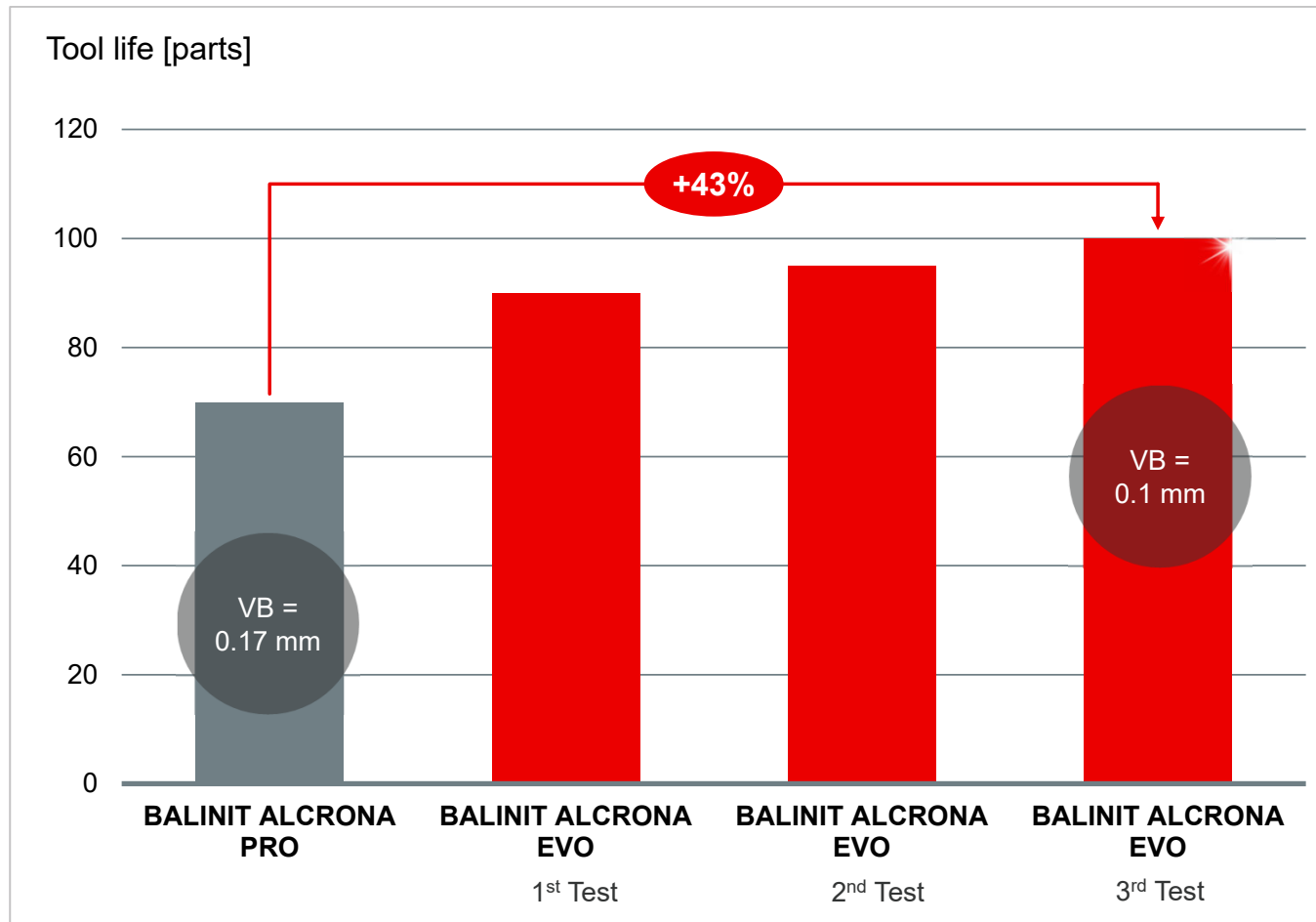


# BALINIT ALCRONA EVO

## Gear hobbing for bigger modules

**oerlikon**



### Tool:

Shank type hob – HSS PM14  
D = 80 mm X L = 385 mm

### Workpiece:

Material: 20MnCrS4  
Module: 5.30

### Cutting data:

Dry machining  
 $v_{c1} = 130$  mm/min  
 $f_1 = 0.5$  mm/rev  
 $v_{c2} = 170$  mm/min  
 $f_2 = 2$  mm/rev

### Benefit:

Improved performance with reduced flank wear → reduction of regrinding stock

### Source:

Automotive tier 1 supplier