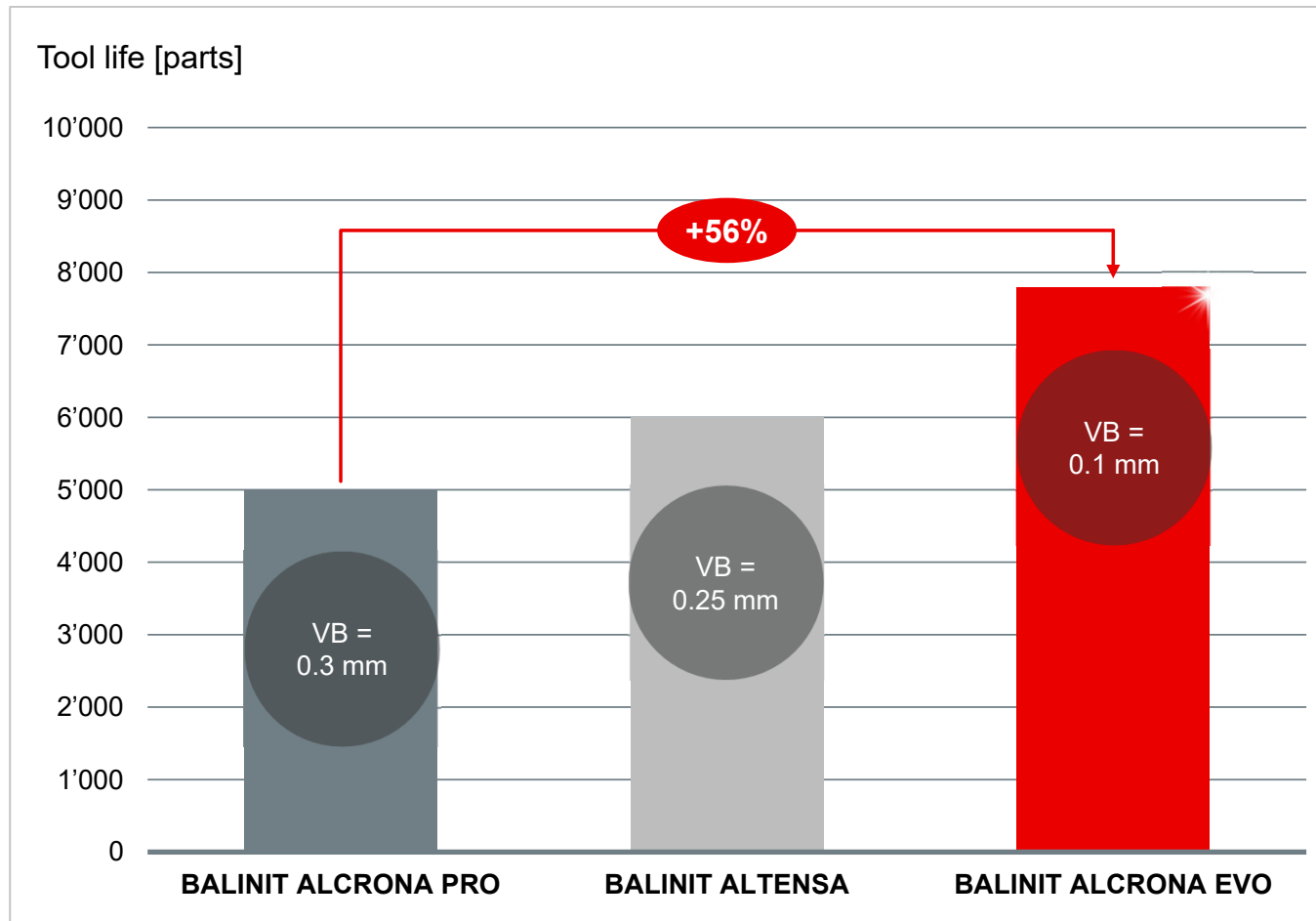


BALINIT ALCRONA EVO

Gear hobbing in the two-wheeler industry

oerlikon



Tool:

Bore type HSS hob
D = 70 mm X L = 170 mm

Workpiece:

Two-wheeler gear
Material: 16MnCr5
Module: 2.0

Cutting data:

$v_c = 220$ mm/min
 $f = 1.2$ mm/rev

Benefit:

Improved performance with reduced flank wear → reduction of regrinding stock

Source:

Two-wheeler industry