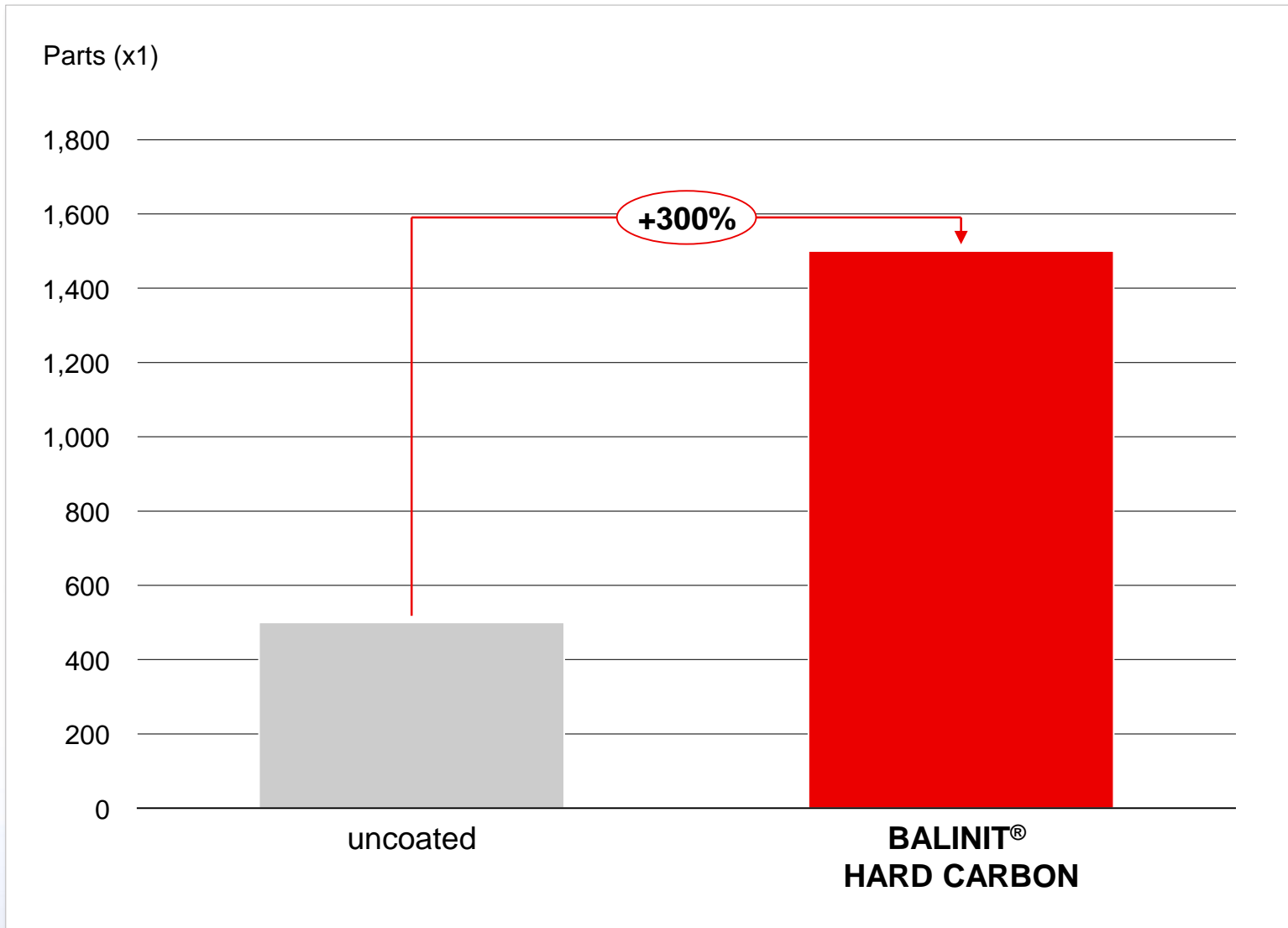


# BALINIT HARD CARBON

## Drilling of engine block



**Tool:**

Carbide drill Ø 9,33 x 150mm

**Workpiece:**

Aluminum ADC12  
Engine block

**Cutting data:**

$n = 7530$  1/min  
 $v_f = 3470$  mm/min  
 $v_c = 220$  m/min

**Benefit:**

Increased tool life by 300% due to less friction and improved wear resistance

**Source/Customer:**

Automotive enduser Brazil