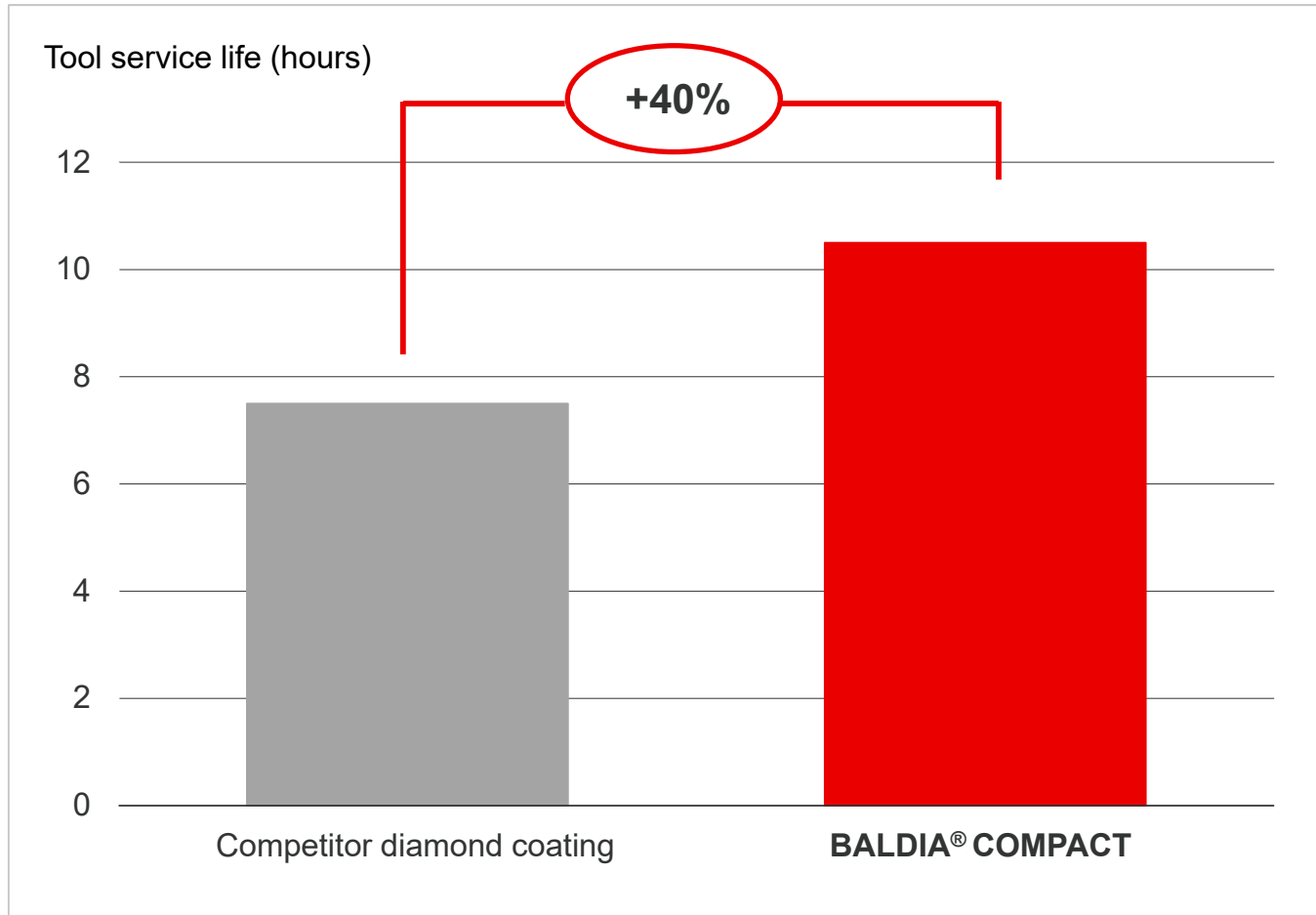


# Significant increase in tool service life when milling graphite with BALDIA COMPACT

**oerlikon**  
balzers



**Tool:**

Solid end mill Ø 6  
EMT100 carbide

**Workpiece:**

Graphite

**Cutting data:**

$f = 22000$  mm/min  
 $\text{rpm} = 42000$  1/min  
 $a_p = 6$  mm

**Benefit:**

40% longer tool service life compared to competition

**Source:**

European tool manufacturer