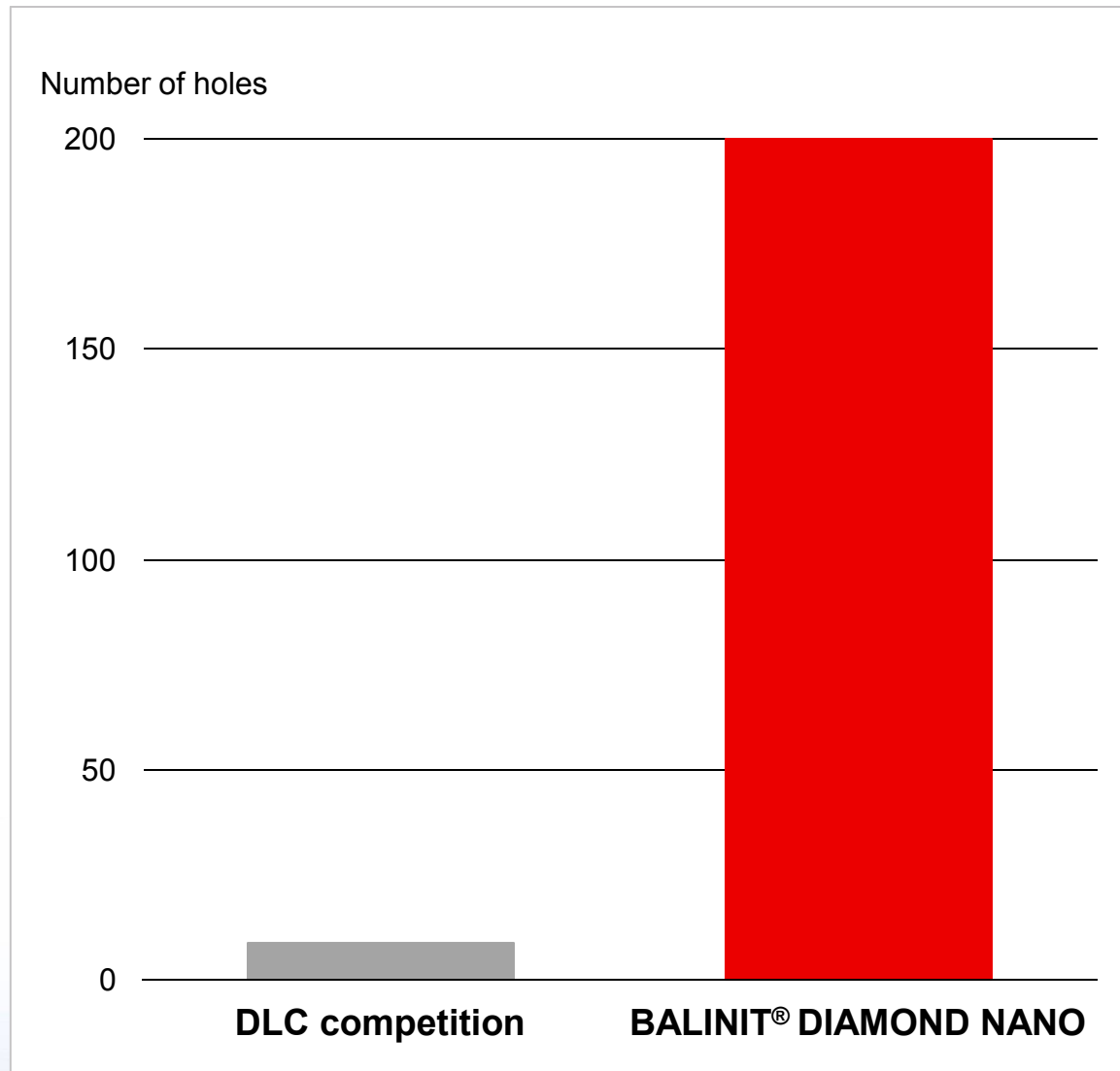


Drilling Duralcan with BALINIT DIAMOND NANO



Tool:

Carbide Drill, D = 8

Workpiece:

Duralcan®
(A359 + 20%SiC particles)

Cutting data:

$v_c = 60$ m/min

$f = 0.1$ mm

$L_D = 5$ mm

Emulsion 5%

Benefit:

Tool life increase almost 100%
compared to competition

Source:

IPK Berlin

