Drilling Duralcan with BALINT DIAMOND NANO

**Tool:**
Carbide Drill, D = 8

**Workpiece:**
Duralcan®
(A359 + 20%SiC particles)

**Cutting data:**
\( v_c = 60 \text{ m/min} \)
\( f = 0.1 \text{ mm} \)
\( L_D = 5 \text{ mm} \)
Emulsion 5%

**Benefit:**
Tool life increase almost 100% compared to competition

**Source:**
IPK Berlin