microwaterjet ®

FACTSHEET

NR.

07

Facts & Figures

Name: Crystal

Material: Ceramics, CaC2 calcium

carbide

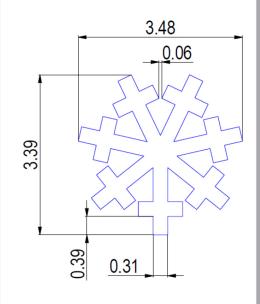
Material thickness: 1 mmKerf: 0.3 mm

• Water pressure: 55,000 psi (3,800 bar)

Quality grade: Q7

• Feed rate: 5.2 mm/min.

Machining time: 9 minutes 17 seconds





Benefits

• Efficient cutting performance

 Finest contours in non-conductive and hard materials

No thermal loads

No changes in colour

Alternative

• Etching and micro-milling cannot be used. All hot-cutting procedures such as wire-cut EDM or laser cutting are only possible with compromises as they have a negative effect on the material properties (burning, changes in colour, micro-cracks etc.).

micro waterjet

MICRO WATERJET LLC

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