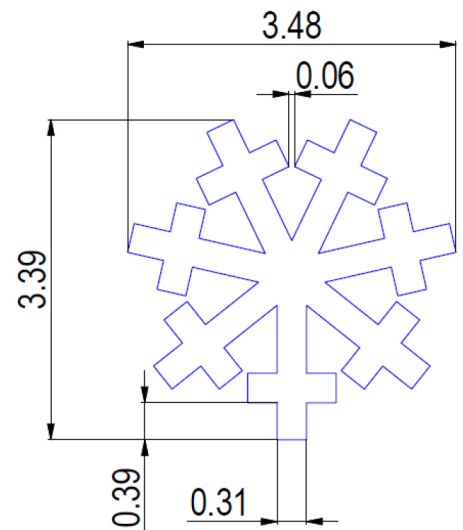


Facts & Figures

- Name: Crystal
- Material: Ceramics, CaC₂ calcium carbide
- Material thickness: 1 mm
- Kerf: 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.).