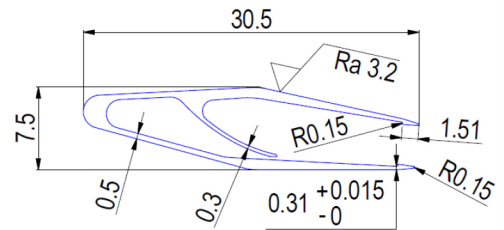


## Facts & Figures

- Name: Tweezers
- Material: Glass fibre / carbon fibre / 1.4310
- Material thickness: 1 mm
- Kerf: 0.3 mm
- Water pressure: 55,000 psi (3,800 bar)
- Quality grade: Q7
- Feed rate: 919 mm/min.
- Machining time: 26 seconds, pre-drilled starting holes (glass fibre)  
13 seconds (carbon fibre)  
53 seconds (1.4310)



## Benefits

- Minimal land widths
- Material properties remain unchanged
- Diverse materials, only one tool
- No changes in production despite the different materials
- Detailed precision machining of diverse materials
- Large land width/height ratio



## Alternative

- Cannot be produced with etching and micro-milling. Wire-cut EDM or laser cutting not an alternative as the material is partially non-conductive and functionality cannot be ensured due to the thermal effects.