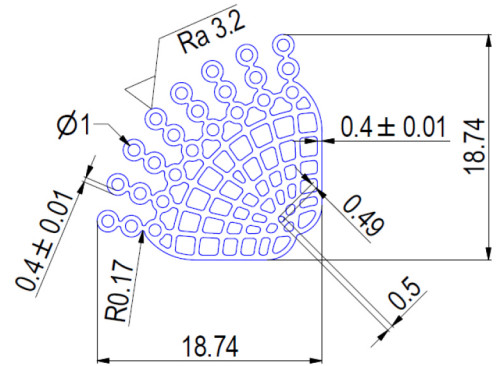


Facts & Figures

- Name: Implant
- Material: Ti1 / 3.7025 titanium
- Material thickness: 0.4 mm
- Kerf: 0.2 mm
- Water pressure: 55,000 psi (3,800 bar)
- Quality grade: Q7
- Feed rate: 195 mm/min.
- Machining time: 11 minutes 47 seconds



Benefits

- Efficient, no starting drill holes necessary
- No micro-cracks
- Material structure on the cutting surface also remains unchanged
- No thermal effects, resulting in tension-free, even workpieces
- No risk of fire
- No residues from other metals
- Virtually burr-free
- No post-machining



Alternative

- Etching not possible using titanium. Wire-cut EDM and lasers change the properties of the cutting edge (hardening), with negative thermal effects. Micro-milling not efficient and cost-intensive.

micro|waterjet

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