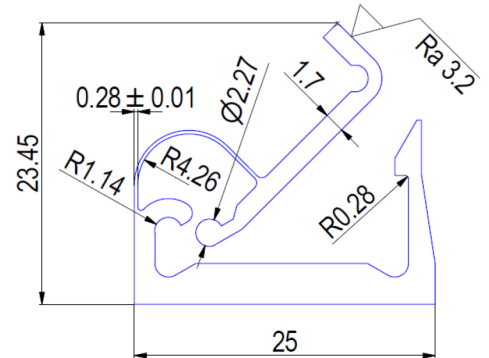


Facts & Figures

- Name: Clamp
- Material: 1.4310 / X10CrNi188 - CNS
- Material thickness: 1 mm
- Kerf: 0.3 mm
- Water pressure: 55,000 psi (3,800 bar)
- Quality grade: Q7
- Feed rate: 180 mm/min.
- Machining time: 1 minute 8 seconds



Benefits

- Detailed precision machining of spring-steel land widths
- Despite land width of 0.28 mm, spring properties remain
- No change in colour
- No thermal effects
- Unchanged material properties



Alternative

- Heat has a negative effect on material properties when using classic hot-cutting procedures such as wire-cut EDM or YAG Laser. The elasticity is affected and the material colour changes.