

Part: 0.1mm Micro Pin
Business: Plastic Injection
Industry: Consumer Goods

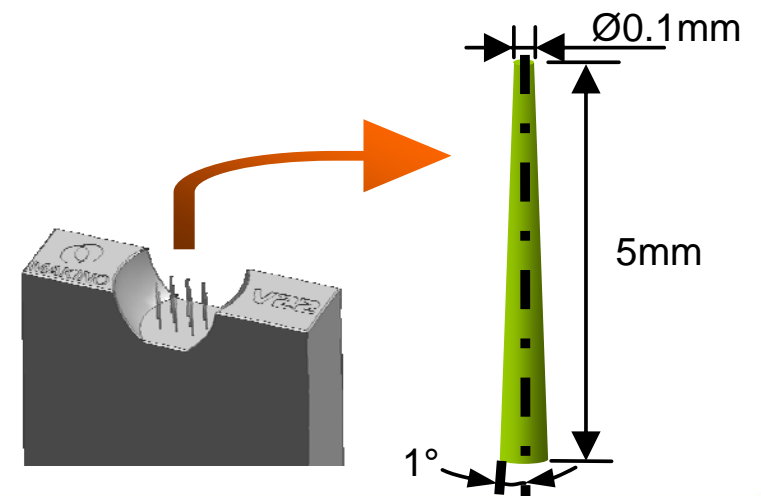
Machine: V22

Cycle Time: 2 hrs. 59 min.

Material: NAK80 (40 HRc)

Key Technologies: Box-Ways with Outstanding Vibration Absorption
Minimal Spindle Run-out

Impact: Geometrical Accuracy Achieved is within $\pm 5 \mu\text{m}$.
High Quality Surface Finish on Sidewalls.



Ask a Makino representative for more information.

Competitive Advantage: Makino's Core Cooled Spindle, hand scraped box ways and Thermal Guard allow the V22 to hold $\pm 5\mu\text{m}$ accuracy on the pin detail.

Machine: V22

Spindle: 40000RPM

Material: NAK80

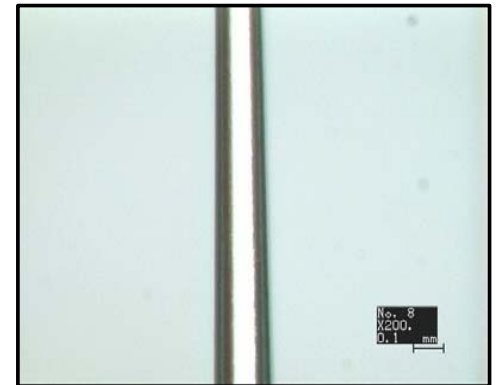
Hardness: 40 HRc

Part Size: 35 x 35 x 10mm (1.5" x 1.5" x 0.4")

Cycle Time: 2 hrs 59min



Bottom portion of pin



Close-up picture of Pin surface finish.

