

Acryl Cutting Demo

Machine

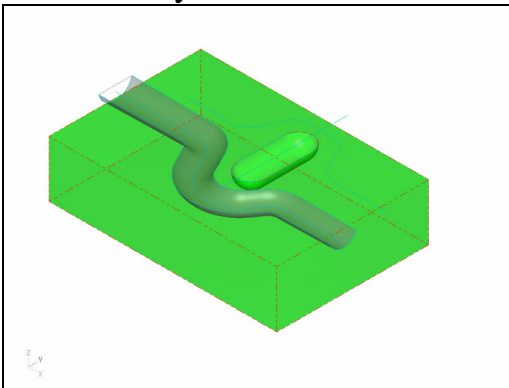
VIBRA-FREE high-speed machine center



- Cutting feed-rate 472 in/min
- Advanced FANUC 16i-MA CNC with High Precision Contour Control (HPCC)
- NURB interpolation
- Direct drive (motorized) Super-High-Speed spindle (42000RPM)
- Vibration-free rigid bridge type structure
- Compact ATC with 18 tools
- Graphite milling & harden tool steel milling (Up to HRC62) capability

Part (Blank size: 3." x 2." x 0.75")

Mold Cavity



Specifications

Number of program: 3
Number of cutting tool: 2
Stock material: Acryl

Demo Summary

TOOLPATH	CUTTER	COATING	RPM	IPM	TIME (Min.)
Rough	3. mm Ball EM	None	30,000	250.	3.
Finish	3. mm Ball EM	None	40,000	250.	7.
Groove	1. mm Ball EM	None	40,000	150.	1.5
Total time					11.5