

Mold Insert Cutting Demo

Machine

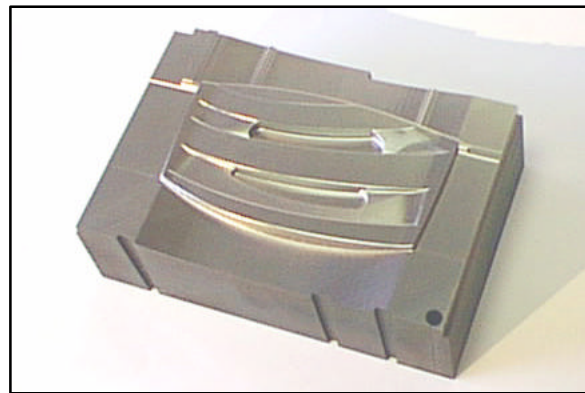
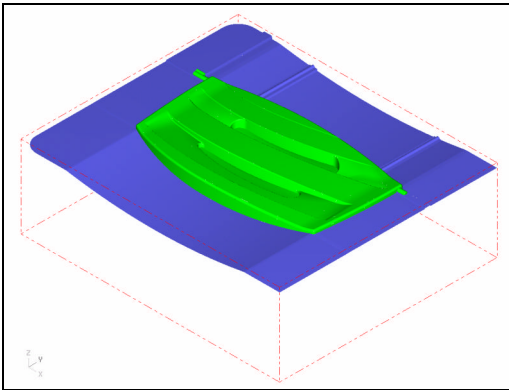
VIBRA-FREE high-speed machine center



- Cutting feed-rate 472 in/min
- Advanced FANUC 16i-MA CNC with High Precision Contour Control (HPCC)
- NURB interpolation (Optional)
- 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: 6.25" x 5.25" x 2.")

Mold Insert



Specifications

Number of program: 5

Number of cutting tool: 4

Stock material: Stainless Steel (HRC52-54)

Demo Summary

TOOLPATH	CUTTER	COATING	RPM	IPM	TIME (Min.)
Rough	4.0 mm Ball EM	TiALN	24000	200.	67.
Semi Finish	3.0 mm Ball EM	TiALN	36000	300.	15.
Finish	3.0 mm Ball EM	TiALN	36000	200.	83.
Conner Leftover	1.5 mm Ball EM	TiALN	40000	75.	19.
Pencil	0.8 mm Ball EM	TiALN	40000	50.	5.
Total time					3 hr 9 min