

## Valve Body Cutting Demo

### Machine

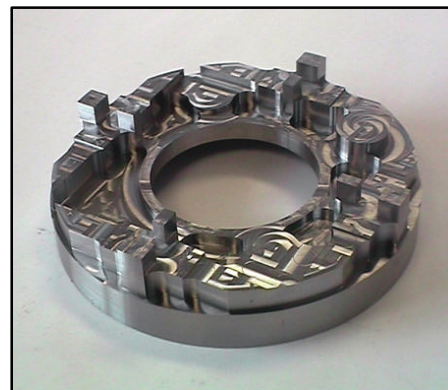
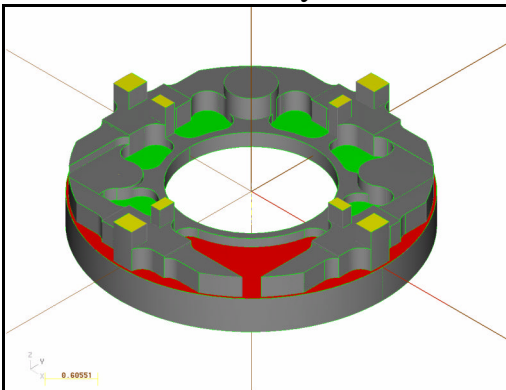
**VIBRA-FREE** high-speed machine center



- 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: Diameter 4.3” x Depth 1.0”)

Predator Valve Body



### Specifications

Number of program: 2

Number of cutting tool: 2

Stock material: Stainless Steel PH 17-4

### Demo Summary

TOOLPATH	CUTTER	COATING	RPM	IPM	TIME (Min.)
Rough	6mm Flat EM with .5mm Radius Corner	TiALN	12000	100	40.
Finish	6mm Flat EM	TiALN	15000	100.	7.
Total time					47.