

Stainless Steel 420 Cutting Demo

Machine

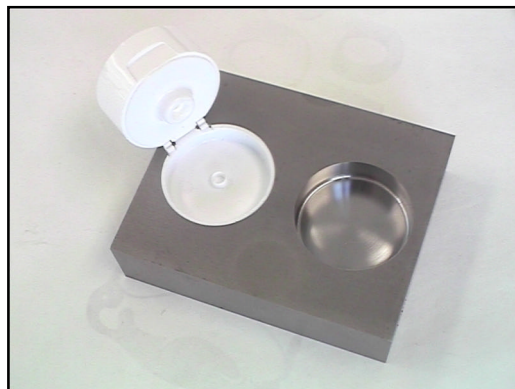
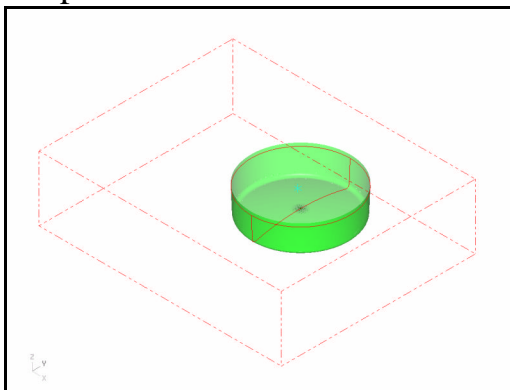
VIBRA-FREE Ultra-High-Speed-Hard-Milling machine center



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

Part (Blank size: 3.75." x 3." x 1.")

Graphite Insert



Specifications

Number of program: 4
 Number of cutting tool: 2
 Stock material: Stainless Steel 420 (HRc58)

Demo Summary

TOOLPATH	CUTTER	COATING	RPM	IPM	TIME (Min.)
Rough	3mm Ball EM	TiALN	20000	250	30.
Semi - Finish	3mm Ball EM	TiALN	30000	300	3
Finish	2mm Ball EM	TiALN	40000	100	13.
Total time					46 min

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