

## Stainless Steel 420 Cutting Demo

### Machine

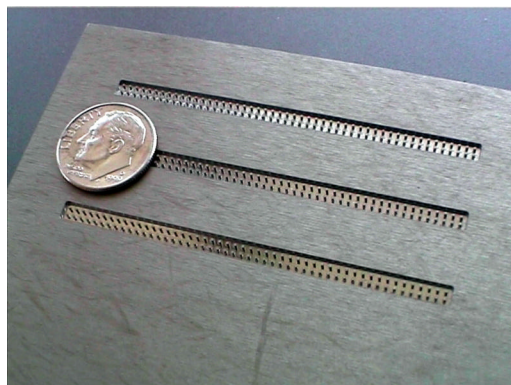
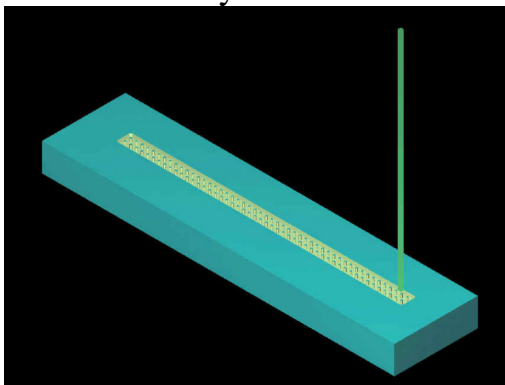
**VIBRA-FREE** Ultra-High-Speed-Hard-Milling machine center



- 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.")

Male Pin Array



### Specifications

Number of program: 4

Number of cutting tool: 2

Stock material: Stainless Steel 420 (HRc50~60)

### Demo Summary

TOOLPATH	CUTTER	COATING	RPM	IPM	TIME (Min.)
Rough	0.8mm Ball EM	TiALN	25000	30	10.
Semi - Finish	0.8mm Flat EM	TiALN	30000	20	2
Finish	0.8mm Flat EM	TiALN	40000	20	2.
Total time					14 min / Pocket

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