

MILLING

CNC High Speed Technology

Utilizing three separate vacuum clamping-based CNC milling systems, boasting up to 7-micron accuracy and a variety of cooling methods (air, alcohol, organic coolant), SURON pushes the limits of fabrication.



2023



SURON

Precision Solutions

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Feature	Standard Value
Material	Kovar, Stainless-Steel Copper, PhosBronze, Brass, Aluminum Glass-Epoxy, Teflon, PEEK, Polymers
Metal thickness range (T)	0.1 mm – 12.0 mm (.004"-.470")
Part maximum size	300 mm x 430 mm (11.8"x17") for ferrous alloys 700 mm x 1,000 mm (27"x38") for soft metals & Composite materials
Minimum milling tool	Ø 0.5 mm (0.020")
Minimum dimensions tolerance	±0.02 mm (0.008")

- Combined with pre-etched part allows to produce straight walls



- High speed milling (40,000 RPM)
- Cooling system without emulsion (clean work)

