

ENCODER DISKS

Thin Metal Parts is the world leader in metal encoder disk production. Every disk is custom-produced to customer specifications with all tooling and manufacturing performed at our Colorado facility. Complete in-house operations allow Thin Metal Parts to offer exceptional customer service and quick lead-times.

Electroformed - The ultimate in precision and performance

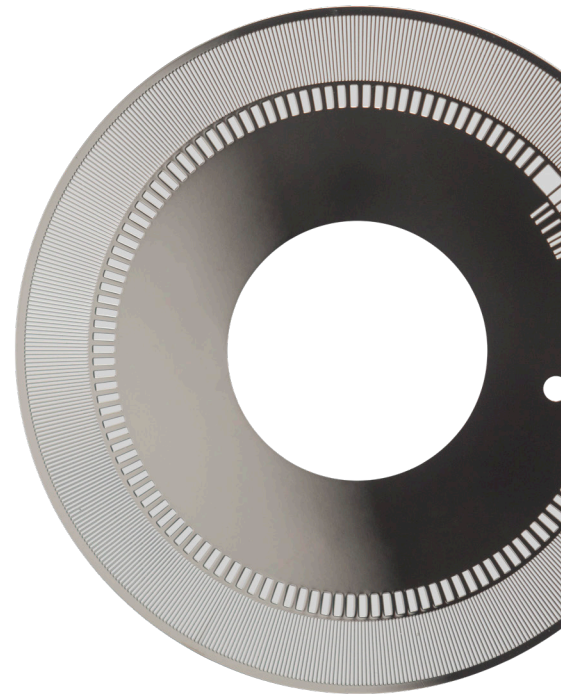
- 100% highly corrosion resistant nickel
- Ideal for nearly all environments
- Smooth data track edges for the cleanest signal
- Wide range of resolutions

Chemically Etched and Laser Cut - Flexibility in materials

- Widest variety of metals available
- Best suited for low-to-medium resolution disks

Printed Film - Value in less demanding applications

- Excellent for absolute encoders with complicated data tracks
- UV laser cut for precision and quick turnaround
- Lowest tooling cost



Why Thin Metal Parts?

- Risk of broken wires and blockages virtually eliminated with available 100% automated vision system inspection
- Cutting-edge photolithographic methods and materials are employed in a cleanroom environment to maximize resolution capability and edge quality
- Low, medium and high volumes can be accommodated
- ISO 9001:2015 and ITAR registered

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