



ISO 9001:2015 REGISTERED QUALITY SYSTEM

430 Riverside St. Portland, ME, USA 04103

207-797-4588

Custom Coils & Caps



- ❖ Custom coils cut from AIM 100 6 axis CNC single point coiler

- 16AWG = .050" wire size
- 18AWG = .040"
- 20AWG = .032"
- 22 AWG = .025"
- 26AWG = .016"
- 28AWG = .013"
- 30AWG = .010"
- 32AWG = .008"

- Smallest coil ID = .034", 28AWG

- ❖ Price dependent on wire size, diameter, # turns and run rate, volume; goes up with size/special material and requirements ~\$0.50-\$3.00/ea
 - Upon request: bent/tinned/stripped

- ❖ Current production tools available:

- 20AWG = .032" wire size
- 22AWG = .025"
- 26AWG = .016"
- 28AWG = .013"
- 30AWG = .010"

- ❖ **2-4 week standard lead times**


Additional sizes available for tooling fee, up to 16 AWG. 4-8 week lead time

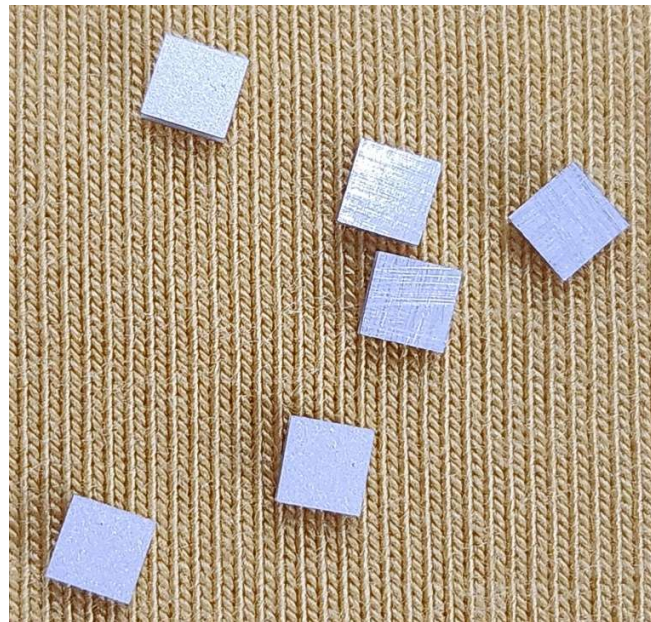
Smallest coil ID available is .034" with 28AWG.

Larger wire = ↑ ID, no less than 3.0 index

Index = ID + wire size ÷ wire size

Ex. .073 coil, 20 AWG

.073 + .032 ÷ .032 = Index 3.28  > 3



- ❖ Single Layer Ceramic Capacitors
 - Custom cut in-house with Accretech SS10 dicing saw
- ❖ Typical tolerance: ± 2%
 - Some thickness and values ± 5% (.010")
- ❖ Preferences available:
 - DK: 9.6, 38, 92
 - Thickness: .010", .025", .050"
 - MOQ = 1 2" x 2" sheet
 - High-volume capabilities
 - Pricing generally ranges \$1-3/ea
- ❖ Coated in-house with thick film silver

Please inquire to contact@comnav-eng.com with specifications and to request a sample