



ELECTRON AND ION BEAM FILAMENTS

We manufacture *filaments, crucibles, and gun parts* for all popular electron beam systems including:

- Balzers
- Satis
- Sloan
- Leybold
- Telemark
- Temescal
- Thermionic
- MDC
- JEOL



We manufacture many *popular replacement and OEM filaments* including:

- Commonwealth
- Satis
- Veeco
- Ion Tech
- Coultron
- Custom designs

We will even custom-manufacture filaments and crucibles to your specifications.

We make cathode blocks, beam formers, crucible liners, buss bars, and anode assemblies.

We work directly with OEM's, too! Filaments supplied in bags of 5 pieces. **Contact us** for bulk purchase prices.

Tip Article: **[How does Electron Beam Evaporation work?](#)**

Grid in photos is .10 inches per square.



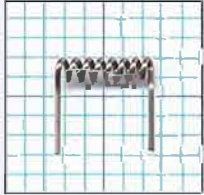
EB-1
5.5 turns
.030 wire
.60 high
.325 wide
.065 ID



EB-2
5 turns
.030 wire
.275 high
1.38 wide
.065 ID



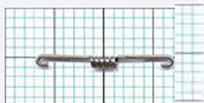
EB-3
8 turns
.030 wire
.775 high
.428 wide
.065 ID



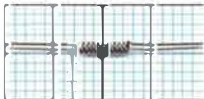
EB-4
8 turns
.030 wire
.5 high
.52 wide
.065 ID



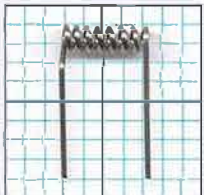
EB-5
8 turns
.030 wire
.5 high
.52 wide
.065 ID



EB-6
5 turns
.040 wire
.127 high
1.4 wide
.045 ID



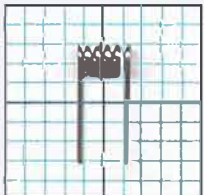
EB-7
10 turns
.025 wire
.125 high
2.0 wide
.072 ID



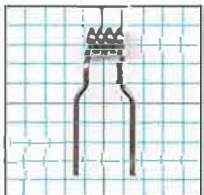
EB-8
7.5 turns
.030 wire
.80 high
.45 wide
0.080 ID



EB-9
8 turns
.020 wire
.45 high
.42 wide
.045 ID



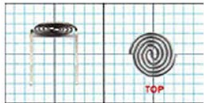
EB-10
5.5 turns
.030 wire
.62 high
.29 wide
.080 ID



EB-11
3.5 turns
.030 wire
.78 high
.32 wide
.080 ID



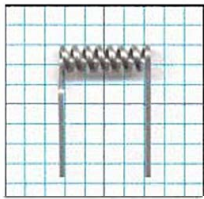
EB-12
2.5 turns
.030 wire
.78 high
.32 wide
.80 ID



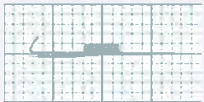
EB-14
4x2 turns
.030 wire
.60 high
.48 wide



EB-15
13.5 turns
.020 wire
.71 high
.50 wide
.26 deep
.072 ID



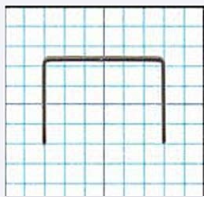
EB-16
7.5 turns
.030 wire
.675 high
.45 wide
.080 ID



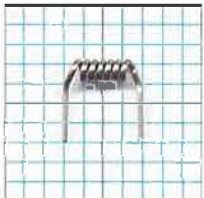
EB-17
12 turns
.020 wire
.17 high
1.5 wide
.45 ID



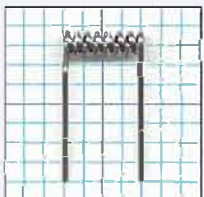
EB-18
.5x2 turns
.025 wire
.95 high
.32 wide
\$70 per 5



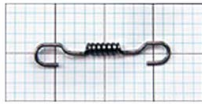
EB-19
.020 wire
.470 high
.650 wide



EB-20
6 turns
.030 wire
.433 high
.388 wide



EB-21
7.5 turns
.030 wire
.774 high
.420 wide
.065 ID



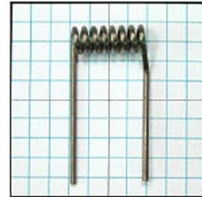
EB-22

7 turns
.040 wire
.235 high
1.38 wide
.122 OD



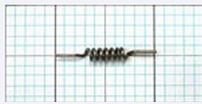
EB-24 – Tantalum

7 turns
.03 wire
.43 high
.375 wide
.065 ID



EB-25

7.5 turns
.030 wire
.790 high
.080 ID



EB-26

7 turns
.030 wire
.135 high
1.0 long
.075 ID



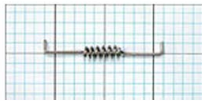
EB-27

3x2 turns
.020 wire
1.47 high
.375 wide



EB-28

5.5 turns
.030 wire
.775 high
.325 wide
.65 ID

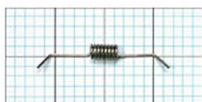


EB-29-1

6 turns
.025 wire
.17 high
1.2 wide
.72 ID

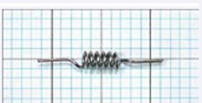


EB-29-2



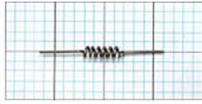
EB-30

8 turns
.025 wire
.27 high
1.3 wide
.107 ID

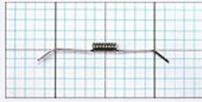


EB-31 – Tantalum

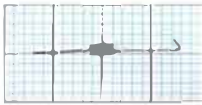
6 turns
.03 wire
.182 high
1.25 wide
.122 ID



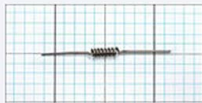
EB-32
6.5 turns
.025 wire
.125 high
1.2 wide
0.75 ID



EB-34
8 turns
.02 wire
.22 high
1.3 wide
.55 ID



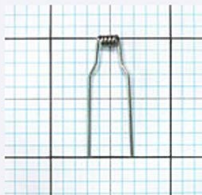
EB-35 – Bent End
8 turns
.015 wire
.145 high
1.5 wide
.065 ID



EB-36 – Non Bent End



EB-37
10 turns
.03 wire
.125 high
2.75 wide
.065 ID



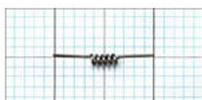
EB-38
4.5 turns
.025 wire
1.02 high
.35 wide
ID .48



EB-40
5.5 turns
.030 wire
.57 high
.31 wide
.0825 ID



EB-41
3 turns
.025 wire
.125 high
1.05 wide
.075 ID



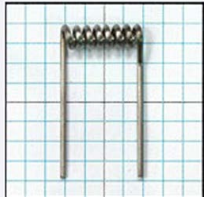
EB-42
.025 wire
5 turns
.125 high
1.02 wide
.075 ID



EB-43
7.5 turns
.03 wire
.775 high
.47 wide
.065 ID



EB-44
5.5 turns
.030 wire
.775 high
.329 wide
.065 ID



EB-45
7.5 turns
.030 wire
.775 high
.417 wide
.065 ID



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