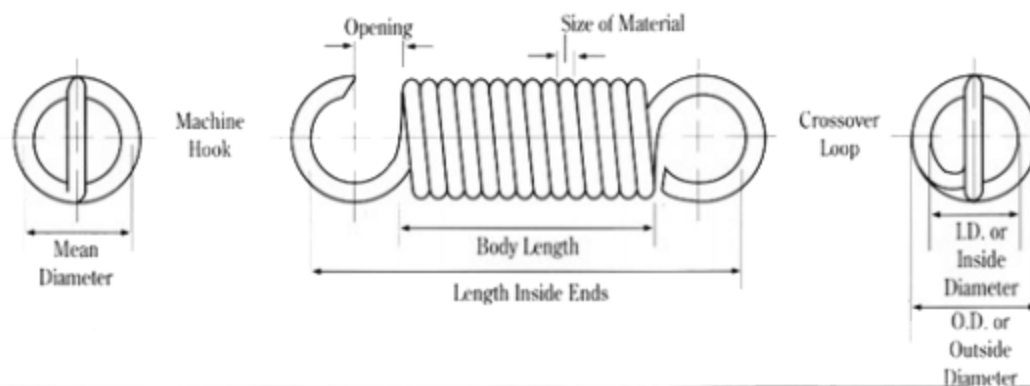


Extension Springs—Specification Form



Mandatory Specifications

(fill in only those required)

1. OUTSIDE DIAMETER

- _____ in. (mm) max. or
- _____ in. (mm) $\pm$ _____ in. (mm)

2. INSIDE DIAMETER

- _____ in. (mm) min. or
- _____ in. (mm) $\pm$ _____ in. (mm)

3. Load _____ lb. (N) $\pm$ _____ lb. (N) @ _____ in. (mm)

Load _____ lb. (N) $\pm$ _____ lb. (N) @ _____ in. (mm)

Rate _____ lb./in. (N/mm) $\pm$ _____ lb./in. (N/mm)

between _____ in. (mm) and _____ in. (mm)

4. Maximum extended length (inside ends) without set _____ in. (mm)

5. Relative loop position, _____° max. separation of loop planes.

6. Direction of helix (L, R or optional) _____

7. Type of ends _____

Advisory Data

1. LENGTH INSIDE ENDS

- _____ in. (mm) max., _____ in. (mm) min. or
- _____ in. (mm) $\pm$ _____ in. (mm) or
- approx. _____ in. (mm)

2. Wire diameter _____ in. (mm)

3. Mean coil diameter _____ in. (mm)

4. No. of active coils _____

5. Body length _____ in. (mm)

6. Initial tension _____ lbs. (N)

Special Information

1. Type of material _____

2. Finish _____

3. Frequency of extension, _____ cycles/sec, and working range, _____ in. (mm) to _____ in. (mm) of length.

4. Operating temp. _____°F (°C)

5. End use or application _____

6. Other _____

Table 1

		Recommended Length ^a	
Loop Type		Min.	Max.
Machine		1/2 I.D. ^b	1.1 X I.D.
Crossover		I.D.	I.D.
		Minimum Recommended Index = 7	
Side		I.D.	I.D.
Extended		1.1 X I.D.	As Required
Special: as required by design		As Required	

^a Length is a distance from last body coil to inside of end

^b I.D. is inside diameter of adjacent coil in spring body