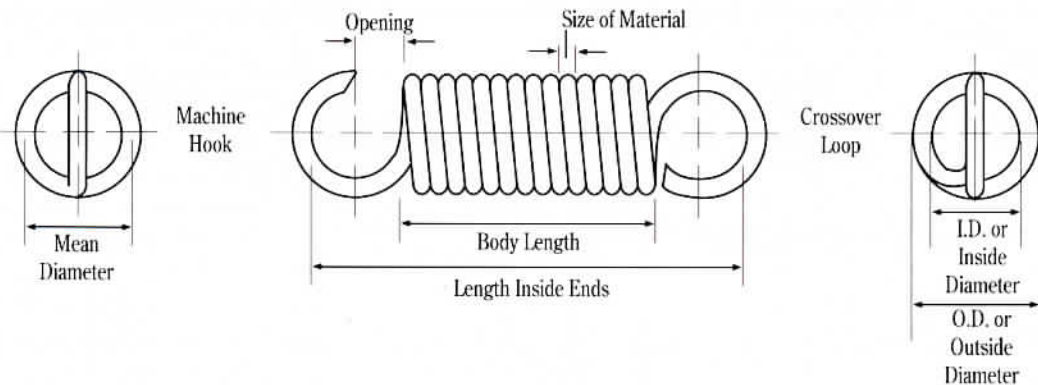


# Extension Springs—Specification Form



## Mandatory Specifications

(fill in only those required)

### 1. OUTSIDE DIAMETER

- a. \_\_\_\_ in. (mm) max. or  
b. \_\_\_\_ in. (mm)  $\pm$  \_\_\_\_ in. (mm)

### 2. INSIDE DIAMETER

- a. \_\_\_\_ in. (mm) min. or  
b. \_\_\_\_ 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

- a. \_\_\_\_ in. (mm) max., \_\_\_\_ in. (mm) min. or  
b. \_\_\_\_ in. (mm)  $\pm$  \_\_\_\_ in. (mm) or  
c. 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

Loop Type	Recommended Length <sup>a</sup>	
	Min.	Max.
Machine 	1/2 I.D. <sup>b</sup>	1.1 X I.D.
Crossover 	I.D.	I.D.
Side 	I.D.	I.D.
Extended 	1.1 X I.D.	As Required
Special: as required by design	As Required	

<sup>a</sup> Length is a distance from last body coil to inside of end

<sup>b</sup> I.D. is inside diameter of adjacent coil in spring body