Extension Springs—Specification Form

Mandatory Specifications

1. OUTSIDE DIAMETER
   a. _____ in. (mm) max. or
   b. _____ in. (mm) ± _____ in. (mm)

2. INSIDE DIAMETER
   a. _____ in. (mm) min. or
   b. _____ in. (mm) ± _____ in. (mm)

3. Load _____ lb. (N) ± _____ lb. (N) @ _____ in. (mm)

   Load _____ lb. (N) ± _____ lb. (N) @ _____ in. (mm)

   Rate _____ lb./in. (N/mm) ± _____ 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) ± _____ 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>
<thead>
<tr>
<th>Loop Type</th>
<th>Min.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Machine</td>
<td>1/2 I.D.</td>
<td>1.1 X I.D.</td>
</tr>
<tr>
<td>Crossover</td>
<td>I.D.</td>
<td>I.D.</td>
</tr>
<tr>
<td>Side</td>
<td>I.D.</td>
<td>I.D.</td>
</tr>
<tr>
<td>Extended</td>
<td>1.1 X I.D.</td>
<td>As Required</td>
</tr>
<tr>
<td>Special: As required by design</td>
<td>As Required</td>
<td></td>
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</tbody>
</table>

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

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