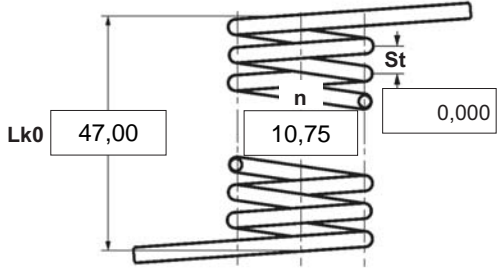





- α degree Unstressed leg position
- α1 degree Prestressed rotational angle
- α2 degree Loaded rotational angle
- αh degree Excursion
- αn degree Maximum rotational angle
- d mm Wire diameter
- Ddmin mm Min. possible mandrel diameter
- Ddmax mm Max. possible mandrel diameter
- De mm Outer coil diameter
- Di mm Inner coil diameter
- F1 N Prestressed spring force
- F2 N Loaded spring force
- Lk0 mm Length of spring body when relaxed
- LS mm Length of leg
- M1 Nmm Prestressed torque
- M2 Nmm Loaded torque
- Mn Nmm Maximum torque
- n pc. Active coils
- RH mm Distance power flow point from centre
- St mm Distance between coils (pitch)
- Weight g Weight of one spring in grammes



Spring test acc. to DIN ISO 2859/1 test level II

<p><b>1 Coiling direction</b></p> <p><input checked="" type="checkbox"/>  left    <input type="checkbox"/>  right</p>	<p><b>5 Excursion αh</b> <input type="text"/> degr.</p>	<p><b>12 Tolerances to DIN 2194</b></p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>Grade</th> <th>Di</th> <th>Lk0</th> <th>LSH,LSR</th> <th>α, α1, α2</th> <th>M1, M2</th> <th>Wire diameter d to DIN 2076</th> </tr> </thead> <tbody> <tr> <td>1</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>2</td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td></td> </tr> <tr> <td>3</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> </tbody> </table>	Grade	Di	Lk0	LSH,LSR	α, α1, α2	M1, M2	Wire diameter d to DIN 2076	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Grade	Di	Lk0	LSH,LSR	α, α1, α2	M1, M2	Wire diameter d to DIN 2076																								
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																									
2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																									
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>																								
<p><b>2 Form of legs</b></p> <p>tangential, straight, no bends *</p> <p></p> <p><small>*We can also supply torsion springs with any form of leg for an extra charge.</small></p>	<p><b>6 Stress cyc. end. N</b> <input type="text"/></p>	<p><b>7 Stress cycle frequ. n</b> <input type="text"/> / <input type="text"/></p>																												
<p><b>3 Fixing</b></p> <p>Recumbent leg <input type="checkbox"/>    Lever leg <input type="checkbox"/></p>	<p><b>8 Application temp.</b> <input type="text"/> °C</p>	<p><b>13 Production compensation through</b></p> <p>A spring torque and the associated swing angle    α <input checked="" type="checkbox"/></p> <p>A spring torque and the associated swing angle and α0    n, d <input type="checkbox"/></p> <p>Two spring resistances and the associated swing angle    n, Di <input type="checkbox"/></p> <p>Two spring resistances and the associated swing angle    α, n, d <input type="checkbox"/></p> <p>Two spring resistances and the associated swing angle    α, n, Di <input type="checkbox"/></p>																												
<p><b>4 Load</b></p> <p><input type="checkbox"/> in winding direction</p> <p><input type="checkbox"/> against winding direction</p>	<p><b>9 Material</b></p> <p>EN 10270-3-1.4310</p>	<p><b>10 Wire or rod surface</b></p> <p><input checked="" type="checkbox"/> drawn    <input type="checkbox"/> rolled    <input type="checkbox"/> metal-cut</p>																												
<p><b>11 Surface treatment</b></p> <p><input type="text"/></p>		<p><b>Prices</b></p> <table style="width: 100%; font-size: small;"> <thead> <tr> <th>Quantity scale</th> <th>Single price [EUR]</th> </tr> </thead> <tbody> <tr><td>1</td><td>6,3100 €</td></tr> <tr><td>2</td><td>4,4500 €</td></tr> <tr><td>3</td><td>4,2400 €</td></tr> <tr><td>7</td><td>3,4500 €</td></tr> <tr><td>17</td><td>2,2200 €</td></tr> <tr><td>37</td><td>1,7500 €</td></tr> <tr><td>75</td><td>1,6000 €</td></tr> </tbody> </table>	Quantity scale	Single price [EUR]	1	6,3100 €	2	4,4500 €	3	4,2400 €	7	3,4500 €	17	2,2200 €	37	1,7500 €	75	1,6000 €												
Quantity scale	Single price [EUR]																													
1	6,3100 €																													
2	4,4500 €																													
3	4,2400 €																													
7	3,4500 €																													
17	2,2200 €																													
37	1,7500 €																													
75	1,6000 €																													

**Remarks**

Country of origin: DE | Customs tariff number: 73202089