



- 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>1 Coiling direction</p> <p><input type="checkbox"/> left <input checked="" type="checkbox"/> right</p>	<p>5 Excursion α_h <input type="text"/> degr.</p>	<p>12 Tolerances to DIN 2194</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>$\alpha, \alpha_1, \alpha_2$</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><input type="checkbox"/></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><input type="checkbox"/></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	$\alpha, \alpha_1, \alpha_2$	M1, M2	Wire diameter d to DIN 2076	1	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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<p>2 Form of legs</p> <p>tangential, straight, no bends *</p> <p><input checked="" type="checkbox"/> tangential, straight, no bends *</p> <p>*We can also supply torsion springs with any form of leg for an extra charge.</p>	<p>6 Stress cyc. end. N <input type="text"/></p> <p>7 Stress cycle frequ. n <input type="text"/> /</p>	<p>13 Production compensation through</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td>A spring torque and the associated swing angle</td> <td>α</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>A spring torque and the associated swing angle and α_0</td> <td>n, d</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>n, Di</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Two spring resistances and the associated swing angle</td> <td>α, n, d</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>α, n, Di</td> <td><input type="checkbox"/></td> </tr> </table>	A spring torque and the associated swing angle	α	<input checked="" type="checkbox"/>	A spring torque and the associated swing angle and α_0	n, d	<input type="checkbox"/>		n, Di	<input type="checkbox"/>	Two spring resistances and the associated swing angle	α, n, d	<input type="checkbox"/>		α, n, Di	<input type="checkbox"/>													
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<p>3 Fixing</p> <p>Recumbent leg <input type="checkbox"/> Lever leg <input type="checkbox"/></p>	<p>8 Application temp. <input type="text"/> °C</p> <p>9 Material</p> <p>EN 10270-3-1.4310</p>	<p>10 Wire or rod surface</p> <p><input checked="" type="checkbox"/> drawn <input type="checkbox"/> rolled <input type="checkbox"/> metal-cut</p>																												
<p>4 Load</p> <p><input type="checkbox"/> in winding direction</p> <p><input type="checkbox"/> against winding direction</p>	<p>11 Surface treatment</p> <p><input type="text"/></p>	<p>Prices</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Quantity scale</th> <th>Single price [EUR]</th> </tr> </thead> <tbody> <tr><td>1</td><td>5,1600 €</td></tr> <tr><td>2</td><td>3,6400 €</td></tr> <tr><td>3</td><td>3,4700 €</td></tr> <tr><td>7</td><td>2,4200 €</td></tr> <tr><td>17</td><td>1,1500 €</td></tr> <tr><td>37</td><td>0,8500 €</td></tr> <tr><td>75</td><td>0,6800 €</td></tr> <tr><td>125</td><td>0,4859 €</td></tr> <tr><td>175</td><td>0,4196 €</td></tr> <tr><td>250</td><td>0,3695 €</td></tr> <tr><td>350</td><td>0,3536 €</td></tr> <tr><td>450</td><td>0,3284 €</td></tr> </tbody> </table>	Quantity scale	Single price [EUR]	1	5,1600 €	2	3,6400 €	3	3,4700 €	7	2,4200 €	17	1,1500 €	37	0,8500 €	75	0,6800 €	125	0,4859 €	175	0,4196 €	250	0,3695 €	350	0,3536 €	450	0,3284 €		
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Remarks

Country of origin: DE | Customs tariff number: 73202089