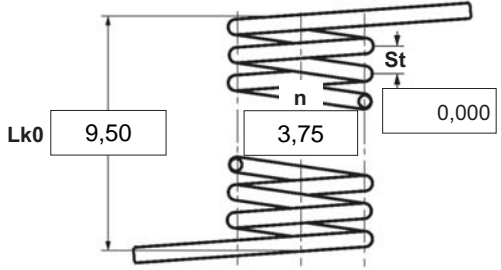


$\alpha$	degree	Unstressed leg position
$\alpha 1$	degree	Prestressed rotational angle
$\alpha 2$	degree	Loaded rotational angle
$\alpha h$	degree	Excursion
$\alpha n$	degree	Maximum rotational angle
d	mm	Wire diameter
Ddmin	mm	Min. possible mandrel diameter
Ddmax	mm	Max. possible mandrel diameter
De	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 type="checkbox"/> left <input checked="" type="checkbox"/> right</p>	<p><b>5 Excursion <math>\alpha h</math></b> <input type="text"/> degr.</p> <p><b>6 Stress cyc. end. N</b> <input type="text"/></p> <p><b>7 Stress cycle frequ. n</b> <input type="text"/> /</p> <p><b>8 Application temp.</b> <input type="text"/> °C</p> <p><b>9 Material</b> EN 10270-3-1.4310</p> <p><b>10 Wire or rod surface</b> <input checked="" type="checkbox"/> drawn <input type="checkbox"/> rolled <input type="checkbox"/> metal-cut</p> <p><b>11 Surface treatment</b> <input type="text"/></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><math>\alpha, \alpha 1, \alpha 2</math></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> <p><b>13 Production compensation through</b></p> <table border="0" style="width:100%;"> <tr> <td>A spring torque and the associated swing angle</td> <td><math>\alpha</math></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>A spring torque and the associated swing angle and <math>\alpha 0</math></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><math>\alpha, n, d</math></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td><math>\alpha, n, Di</math></td> <td><input type="checkbox"/></td> </tr> </table> <p><b>Prices</b></p> <table border="0" style="width:100%; font-size: small;"> <tr> <td style="text-align: right;">Quantity scale</td> <td style="text-align: left;">Single price [EUR]</td> </tr> <tr> <td style="text-align: right;">1</td> <td>5,2700 €</td> </tr> <tr> <td style="text-align: right;">2</td> <td>3,7200 €</td> </tr> <tr> <td style="text-align: right;">3</td> <td>3,5400 €</td> </tr> <tr> <td style="text-align: right;">7</td> <td>2,5100 €</td> </tr> <tr> <td style="text-align: right;">17</td> <td>1,2200 €</td> </tr> <tr> <td style="text-align: right;">37</td> <td>0,9000 €</td> </tr> <tr> <td style="text-align: right;">75</td> <td>0,7300 €</td> </tr> <tr> <td style="text-align: right;">125</td> <td>0,5070 €</td> </tr> <tr> <td style="text-align: right;">175</td> <td>0,4444 €</td> </tr> <tr> <td style="text-align: right;">250</td> <td>0,4132 €</td> </tr> <tr> <td style="text-align: right;">350</td> <td>0,3853 €</td> </tr> <tr> <td style="text-align: right;">450</td> <td>0,3536 €</td> </tr> </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"/>		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"/>	A spring torque and the associated swing angle	$\alpha$	<input checked="" type="checkbox"/>	A spring torque and the associated swing angle and $\alpha 0$	n, d	<input type="checkbox"/>		n, Di	<input type="checkbox"/>	Two spring resistances and the associated swing angle	$\alpha, n, d$	<input type="checkbox"/>		$\alpha, n, Di$	<input type="checkbox"/>	Quantity scale	Single price [EUR]	1	5,2700 €	2	3,7200 €	3	3,5400 €	7	2,5100 €	17	1,2200 €	37	0,9000 €	75	0,7300 €	125	0,5070 €	175	0,4444 €	250	0,4132 €	350	0,3853 €	450	0,3536 €
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<p><b>2 Form of legs</b> tangential, straight, no bends *</p> <p><b>3 Fixing</b> Recumbent leg <input type="checkbox"/> Lever leg <input type="checkbox"/></p> <p><b>4 Load</b> <input type="checkbox"/> in winding direction <input type="checkbox"/> against winding direction</p>																																																																							

**Remarks**

Country of origin: DE | Customs tariff number: 73202089