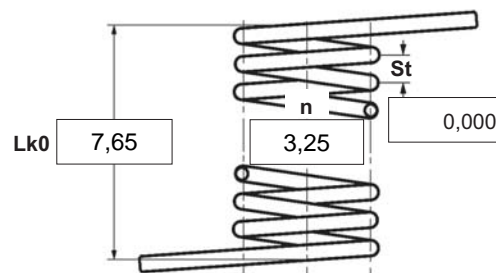





α	degree	Unstressed leg position
α1	degree	Prestressed rotational angle
α2	degree	Loaded rotational angle
αh	degree	Excursion
αn	degree	Maximum rotational angle
d	mm	Wire diameter
Ddmin	mm	Min. possible mandrel diameter
Ddmax	mm	Max. possible mandrel diameter
De	mm	Outer coil diameter
Di	mm	Inner coil 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 checked="" type="checkbox"/>  left <input type="checkbox"/>  right</p>	<p>5 Excursion αh <input type="text"/> degr.</p>	<p>12 Tolerances to DIN 2194</p> <table border="1"> <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>2 Form of legs</p> <p>tangential, straight, no bends *</p> <p></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>13 Production compensation through</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>α, n, d <input type="checkbox"/></p> <p>α, n, Di <input type="checkbox"/></p>																												
<p>3 Fixing</p> <p>Recumbent leg <input type="checkbox"/> Lever leg <input type="checkbox"/></p>	<p>7 Stress cycle frequ. n <input type="text"/> /</p>	<p>Prices</p> <table border="1"> <thead> <tr> <th>Grupa ilociowa</th> <th>Cena jednostkowa [EUR]</th> </tr> </thead> <tbody> <tr><td>1</td><td></td></tr> <tr><td>2</td><td>5,2700 €</td></tr> <tr><td>3</td><td>3,7200 €</td></tr> <tr><td>7</td><td>3,5400 €</td></tr> <tr><td>17</td><td>2,5100 €</td></tr> <tr><td>37</td><td>1,2200 €</td></tr> <tr><td>75</td><td>0,9000 €</td></tr> <tr><td>125</td><td>0,7300 €</td></tr> <tr><td>175</td><td>0,5070 €</td></tr> <tr><td>250</td><td>0,4444 €</td></tr> <tr><td>350</td><td>0,4132 €</td></tr> <tr><td>450</td><td>0,3853 €</td></tr> <tr><td></td><td>0,3536 €</td></tr> </tbody> </table>	Grupa ilociowa	Cena jednostkowa [EUR]	1		2	5,2700 €	3	3,7200 €	7	3,5400 €	17	2,5100 €	37	1,2200 €	75	0,9000 €	125	0,7300 €	175	0,5070 €	250	0,4444 €	350	0,4132 €	450	0,3853 €		0,3536 €
Grupa ilociowa	Cena jednostkowa [EUR]																													
1																														
2	5,2700 €																													
3	3,7200 €																													
7	3,5400 €																													
17	2,5100 €																													
37	1,2200 €																													
75	0,9000 €																													
125	0,7300 €																													
175	0,5070 €																													
250	0,4444 €																													
350	0,4132 €																													
450	0,3853 €																													
	0,3536 €																													
<p>4 Load</p> <p><input type="checkbox"/> in winding direction</p> <p><input type="checkbox"/> against winding direction</p>	<p>8 Application temp. <input type="text"/> °C</p>	<p>11 Surface treatment</p> <p><input type="text"/></p>																												
<p>Remarks</p> <p>Kraj pochodzenia: DE Numer taryfy celnej: 73202089</p>																														