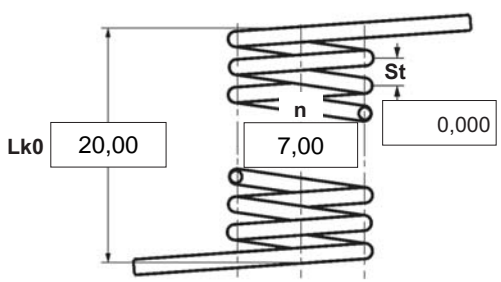


$\alpha$	degree	Unstressed leg position
$\alpha 1$	degree	Prestressed rotational angle
$\alpha 2$	degree	Loaded rotational angle
$\alpha h$	degree	Excursion
$\alpha n$	degree	Maximum rotational angle
d	mm	Wire diameter
Ddmin	mm	Min. possible mandrel diameter
Ddmax	mm	Max. possible mandrel diameter
De	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 checked="" type="checkbox"/>  left    <input type="checkbox"/>  right</p>	<p><b>5 Excursion <math>\alpha h</math></b> <input type="text"/> degr.</p>	<p><b>12 Tolerances to DIN 2194</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <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><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 checked="" 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 checked="" 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><b>2 Form of legs</b></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><b>6 Stress cyc. end. N</b> <input type="text"/></p>	<p><b>13 Production compensation through</b></p> <p>A spring torque and the associated swing angle    <math>\alpha</math>    <input checked="" type="checkbox"/></p> <p>A spring torque and the associated swing angle and <math>\alpha 0</math>    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    <math>\alpha, n, d</math>    <input type="checkbox"/></p> <p>Two spring resistances and the associated swing angle    <math>\alpha, n, Di</math>    <input type="checkbox"/></p>																												
<p><b>3 Fixing</b></p> <p>Recumbent leg    Lever leg</p> <p><input type="text"/>    <input type="text"/></p>	<p><b>7 Stress cycle frequ. n</b> <input type="text"/> / <input type="text"/></p>	<p><b>Prices</b></p> <table border="0" style="width:100%;"> <tr> <td style="text-align: right;">Desconto por quantidade</td> <td style="text-align: right;">Preço individual</td> </tr> <tr> <td style="text-align: right;">1</td> <td style="text-align: right;">[EUR]</td> </tr> <tr> <td style="text-align: right;">2</td> <td style="text-align: right;">5,4200 €</td> </tr> <tr> <td style="text-align: right;">3</td> <td style="text-align: right;">3,8200 €</td> </tr> <tr> <td style="text-align: right;">7</td> <td style="text-align: right;">3,6400 €</td> </tr> <tr> <td style="text-align: right;">17</td> <td style="text-align: right;">2,6600 €</td> </tr> <tr> <td style="text-align: right;">37</td> <td style="text-align: right;">1,3800 €</td> </tr> <tr> <td style="text-align: right;">75</td> <td style="text-align: right;">1,0200 €</td> </tr> <tr> <td style="text-align: right;">125</td> <td style="text-align: right;">0,8900 €</td> </tr> <tr> <td style="text-align: right;">175</td> <td style="text-align: right;">0,5823 €</td> </tr> <tr> <td style="text-align: right;">250</td> <td style="text-align: right;">0,5445 €</td> </tr> <tr> <td style="text-align: right;">350</td> <td style="text-align: right;">0,4945 €</td> </tr> <tr> <td style="text-align: right;">450</td> <td style="text-align: right;">0,4610 €</td> </tr> <tr> <td></td> <td style="text-align: right;">0,4169 €</td> </tr> </table>	Desconto por quantidade	Preço individual	1	[EUR]	2	5,4200 €	3	3,8200 €	7	3,6400 €	17	2,6600 €	37	1,3800 €	75	1,0200 €	125	0,8900 €	175	0,5823 €	250	0,5445 €	350	0,4945 €	450	0,4610 €		0,4169 €
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