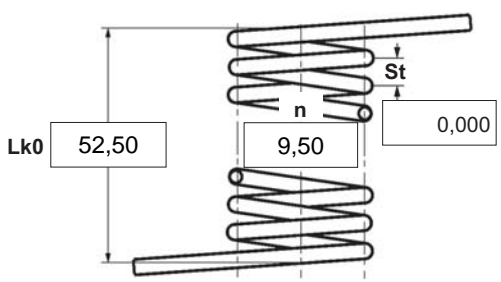


$\alpha$	degree	Unstressed leg position
$\alpha 1$	degree	Prestressed rotational angle
$\alpha 2$	degree	Loaded rotational angle
$\alpha h$	degree	Excursion
$\alpha n$	degree	Maximum rotational angle
d	mm	Wire diameter
Ddmin	mm	Min. possible mandrel diameter
Ddmax	mm	Max. possible mandrel diameter
De	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

<b>1 Coiling direction</b> <input type="checkbox"/> left <input checked="" type="checkbox"/> right		<b>5 Excursion <math>\alpha h</math></b> <input type="text"/> degr.		<b>12 Tolerances to DIN 2194</b> <table border="1"> <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 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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<b>2 Form of legs</b> tangential, straight, no bends *		<b>6 Stress cyc. end. N</b> <input type="text"/>		<b>13 Production compensation through</b> 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"/> Two spring resistances and the associated swing angle $\alpha, n, d$ <input type="checkbox"/> $\alpha, n, Di$ <input type="checkbox"/>																													
<b>3 Fixing</b> Recumbent leg <input type="checkbox"/> Lever leg <input type="checkbox"/>		<b>7 Stress cycle frequ. n</b> <input type="text"/> / <input type="text"/>		<b>8 Application temp.</b> <input type="text"/> °C																													
<b>4 Load</b> <input type="checkbox"/> in winding direction <input type="checkbox"/> against winding direction		<b>9 Material</b> EN 10270-3-1.4310		<b>10 Wire or rod surface</b> <input checked="" type="checkbox"/> drawn <input type="checkbox"/> rolled <input type="checkbox"/> metal-cut																													
<b>Remarks</b> País de origem: DE   Número de tarifa alfandegária: 73202089		<b>11 Surface treatment</b> <input type="text"/>		<b>Prices</b> <table border="1"> <thead> <tr> <th>Desconto por quantidade</th> <th>Preço individual [EUR]</th> </tr> </thead> <tbody> <tr><td>1</td><td></td></tr> <tr><td>2</td><td>6,6400 €</td></tr> <tr><td>3</td><td>4,6800 €</td></tr> <tr><td>7</td><td>4,4600 €</td></tr> <tr><td>17</td><td>3,6300 €</td></tr> <tr><td>37</td><td>2,4900 €</td></tr> <tr><td>75</td><td>1,9700 €</td></tr> <tr><td></td><td>1,8900 €</td></tr> </tbody> </table>		Desconto por quantidade	Preço individual [EUR]	1		2	6,6400 €	3	4,6800 €	7	4,4600 €	17	3,6300 €	37	2,4900 €	75	1,9700 €		1,8900 €										
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