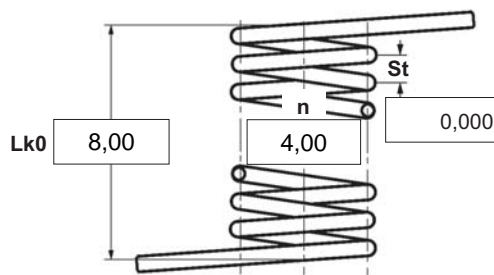


- α degree Unstressed leg position
- α_1 degree Prestressed rotational angle
- α_2 degree Loaded rotational angle
- α_h degree Excursion
- α_n degree Maximum rotational angle
- d mm Wire diameter
- D_{dmin} mm Min. possible mandrel diameter
- D_{dmax} mm Max. possible mandrel diameter
- D_e mm Outer coil diameter
- D_i mm Inner coil diameter
- F_1 N Prestressed spring force
- F_2 N Loaded spring force
- L_{k0} mm Length of spring body when relaxed
- LS mm Length of leg
- M_1 Nmm Prestressed torque
- M_2 Nmm Loaded torque
- M_n 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

1 Coiling direction <input checked="" type="checkbox"/> left <input type="checkbox"/> right	5 Excursion α_h <input type="text"/> degr.	12 Tolerances to DIN 2194 <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></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	$\alpha, \alpha_1, \alpha_2$	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"/>
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2 Form of legs tangential, straight, no bends * *We can also supply torsion springs with any form of leg for an extra charge.	6 Stress cyc. end. N <input type="text"/>	13 Production compensation through 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"/> Two spring resistances and the associated swing angle α, n, d <input type="checkbox"/> α, n, Di <input type="checkbox"/>																												
3 Fixing Recumbent leg <input type="checkbox"/> Lever leg <input type="checkbox"/>	7 Stress cycle frequ. n <input type="text"/> / <input type="text"/>																													
4 Load <input type="checkbox"/> in winding direction <input type="checkbox"/> against winding direction	8 Application temp. <input type="text"/> °C 9 Material EN 10270-3-1.4310 10 Wire or rod surface <input checked="" type="checkbox"/> drawn <input type="checkbox"/> rolled <input type="checkbox"/> metal-cut																													
Remarks Country of origin: DE Customs tariff number: 73202089		11 Surface treatment <input type="text"/> Prices <table style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>Quantity scale</th> <th>Single price [EUR]</th> </tr> </thead> <tbody> <tr><td>1</td><td>5,2700 €</td></tr> <tr><td>2</td><td>3,7200 €</td></tr> <tr><td>3</td><td>3,5400 €</td></tr> <tr><td>7</td><td>2,5100 €</td></tr> <tr><td>17</td><td>1,2200 €</td></tr> <tr><td>37</td><td>0,9000 €</td></tr> <tr><td>75</td><td>0,7300 €</td></tr> <tr><td>125</td><td>0,5070 €</td></tr> <tr><td>175</td><td>0,4444 €</td></tr> <tr><td>250</td><td>0,4132 €</td></tr> <tr><td>350</td><td>0,3853 €</td></tr> <tr><td>450</td><td>0,3536 €</td></tr> </tbody> </table>	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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