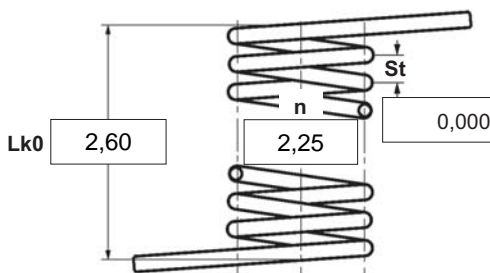


$\alpha$	degree	Unstressed leg position
$\alpha_1$	degree	Prestressed rotational angle
$\alpha_2$	degree	Loaded rotational angle
$\alpha_h$	degree	Excursion
$\alpha_n$	degree	Maximum rotational angle
$d$	mm	Wire diameter
$D_{dmin}$	mm	Min. possible mandrel diameter
$D_{dmax}$	mm	Max. possible mandrel 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
$L_s$	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

<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><math>D_i</math></th> <th><math>L_{k0}</math></th> <th><math>L_{SH}, L_{SR}</math></th> <th><math>\alpha, \alpha_1, \alpha_2</math></th> <th><math>M_1, M_2</math></th> <th>Wire diameter <math>d</math> 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	$D_i$	$L_{k0}$	$L_{SH}, L_{SR}$	$\alpha, \alpha_1, \alpha_2$	$M_1, M_2$	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 * *We can also supply torsion springs with any form of leg for an extra charge.		<b>6 Stress cyc. end. <math>N</math></b> <input type="text"/>																													
<b>3 Fixing</b> Recumbent leg <input type="checkbox"/> Lever leg <input type="checkbox"/>		<b>7 Stress cycle frequ. <math>n</math></b> <input type="text"/> /																													
<b>4 Load</b> <input type="checkbox"/> in winding direction <input type="checkbox"/> against winding direction		<b>8 Application temp.</b> <input type="text"/> °C																													
<b>Remarks</b> Zem pvodu: DE   íslo celného sazebníku: 73202089		<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>11 Surface treatment</b> <input type="text"/>																													
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