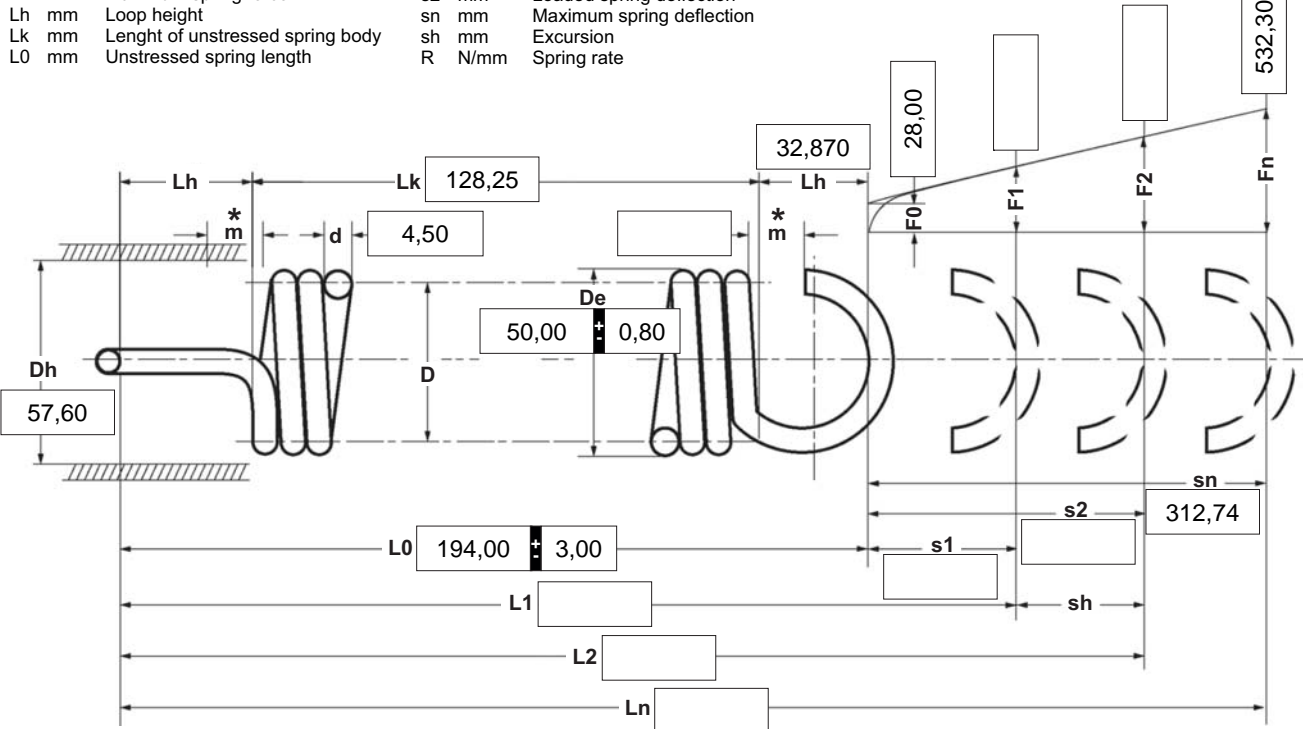


d	mm	Wire diameter	L1	mm	Prestressed spring length
D	mm	Mean coil diameter	L2	mm	Loaded spring length
De	mm	Outer coil diameter	Ln	mm	Maximum spring length
Dh	mm	Minimum diameter of bush	m	mm	Loop opening width
F0	N	Initial tension	n	pc.	Number of aktive coils
F1	N	Prestressed spring force	nt	pc.	Total number of coils
F2	N	Loaded spring force	s1	mm	Prestressed spring deflection
Fn	N	Maximum spring force	s2	mm	Loaded spring deflection
Lh	mm	Loop height	sn	mm	Maximum spring deflection
Lk	mm	Lenght of unstressed spring body	sh	mm	Excursion
L0	mm	Unstressed spring length	R	N/mm	Spring rate

Weight g Weight of one spring

* Loops are stocked without openings (m = 0,00). However it is possible to have an opening cut into the loop at an extra cost, without causing any delay.



n nt R Weight

Spring test acc. to DIN ISO 2859/1 test level II

<p>1 Coiling direction</p> <p><input type="checkbox"/> left <input checked="" type="checkbox"/> right</p>	<p>4 Stress cyc. end. N <input type="text"/></p> <p>5 Stress cycle frequ. n <input type="text"/> / <input type="text"/></p>	<p>10 Tolerances to DIN 2097</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Grade</th> <th>De,Di,D</th> <th>L0</th> <th>F0-Fn</th> <th>Loops</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> </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> </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 checked="" type="checkbox"/></td> </tr> </tbody> </table>	Grade	De,Di,D	L0	F0-Fn	Loops	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 checked="" type="checkbox"/>						
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<p>2 Loop shape and loop position</p> <p>Loop shape <input type="text" value="1/1 German loop"/></p> <p>Loops offset to one another by <input type="text" value="180,0 +/- 34,0"/> degrees (in the dir. of the right helix)</p>	<p>6 Application temp. <input type="text"/> °C</p> <p>7 Material <input type="text" value="EN 10270-1"/></p> <p>3 Wire or rod surface <input checked="" type="checkbox"/> drawn <input type="checkbox"/> rolled <input type="checkbox"/> metal-cut</p> <p>9 Surface treatment <input type="text"/></p>	<p>11 Production compensation through</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>A spring resistance, associated length of tensed spring and L0</td> <td>F0, D <input checked="" type="checkbox"/></td> </tr> <tr> <td>A spring resistance, associated length of tensed spring and F0</td> <td>L0, n, d <input type="checkbox"/> L0, D <input type="checkbox"/></td> </tr> <tr> <td>Two spring resistances and associated length of tensed spring</td> <td>L0, n, d <input type="checkbox"/> F0, D <input type="checkbox"/></td> </tr> </table> <p>Prices</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Cantidad progresiva</th> <th>Precio unidad [EUR]</th> </tr> </thead> <tbody> <tr><td>1</td><td>13,8800 €</td></tr> <tr><td>2</td><td>11,0500 €</td></tr> <tr><td>3</td><td>6,5900 €</td></tr> <tr><td>7</td><td>4,6100 €</td></tr> <tr><td>17</td><td>2,9500 €</td></tr> <tr><td>37</td><td>2,4600 €</td></tr> <tr><td>75</td><td>2,3800 €</td></tr> <tr><td>125</td><td>2,3621 €</td></tr> <tr><td>175</td><td>2,3490 €</td></tr> <tr><td>250</td><td>2,3059 €</td></tr> <tr><td>350</td><td>2,2597 €</td></tr> </tbody> </table>	A spring resistance, associated length of tensed spring and L0	F0, D <input checked="" type="checkbox"/>	A spring resistance, associated length of tensed spring and F0	L0, n, d <input type="checkbox"/> L0, D <input type="checkbox"/>	Two spring resistances and associated length of tensed spring	L0, n, d <input type="checkbox"/> F0, D <input type="checkbox"/>	Cantidad progresiva	Precio unidad [EUR]	1	13,8800 €	2	11,0500 €	3	6,5900 €	7	4,6100 €	17	2,9500 €	37	2,4600 €	75	2,3800 €	125	2,3621 €	175	2,3490 €	250	2,3059 €	350	2,2597 €
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