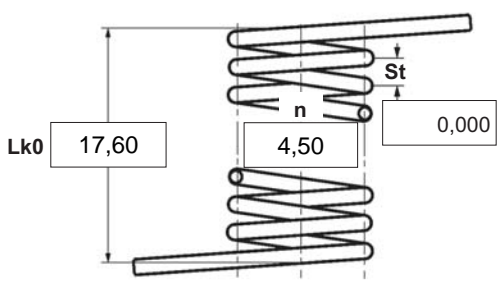





α	degree	Unstressed leg position
$\alpha 1$	degree	Prestressed rotational angle
$\alpha 2$	degree	Loaded rotational angle
αh	degree	Excursion
αn	degree	Maximum rotational angle
d	mm	Wire diameter
Ddmin	mm	Min. possible mandrel diameter
Ddmax	mm	Max. possible mandrel diameter
De	mm	Outer coil diameter
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>1 Coiling direction</p> <p><input checked="" type="checkbox"/>  left <input type="checkbox"/>  right</p>	<p>5 Excursion αh <input type="text"/> degr.</p> <p>6 Stress cyc. end. N <input type="text"/></p> <p>7 Stress cycle frequ. n <input type="text"/> / <input type="text"/></p> <p>8 Application temp. <input type="text"/> °C</p> <p>9 Material EN 10270-3-1.4310</p> <p>10 Wire or rod surface <input checked="" type="checkbox"/> drawn <input type="checkbox"/> rolled <input type="checkbox"/> metal-cut</p>	<p>12 Tolerances to DIN 2194</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>$\alpha, \alpha 1, \alpha 2$</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><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> <p>13 Production compensation through</p> <table border="0" style="width:100%;"> <tr> <td>A spring torque and the associated swing angle</td> <td>α</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>A spring torque and the associated swing angle and $\alpha 0$</td> <td>n, d</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>n, Di</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Two spring resistances and the associated swing angle</td> <td>α, n, d</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>α, n, Di</td> <td><input type="checkbox"/></td> </tr> </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"/>	A spring torque and the associated swing angle	α	<input checked="" type="checkbox"/>	A spring torque and the associated swing angle and $\alpha 0$	n, d	<input type="checkbox"/>		n, Di	<input type="checkbox"/>	Two spring resistances and the associated swing angle	α, n, d	<input type="checkbox"/>		α, n, Di	<input type="checkbox"/>
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"/>																																							
A spring torque and the associated swing angle	α	<input checked="" type="checkbox"/>																																											
A spring torque and the associated swing angle and $\alpha 0$	n, d	<input type="checkbox"/>																																											
	n, Di	<input type="checkbox"/>																																											
Two spring resistances and the associated swing angle	α, n, d	<input type="checkbox"/>																																											
	α, n, Di	<input type="checkbox"/>																																											
<p>2 Form of legs</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>3 Fixing</p> <p>Recumbent leg Lever leg</p> <p><input type="text"/> <input type="text"/></p>	<p>11 Surface treatment</p> <p><input type="text"/></p>																																											
<p>4 Load</p> <p><input type="checkbox"/> in winding direction</p> <p><input type="checkbox"/> against winding direction</p>	<p>Prices</p> <table border="0" style="width:100%;"> <thead> <tr> <th>Quantità progressive</th> <th>Prezzo singolo [EUR]</th> </tr> </thead> <tbody> <tr><td>1</td><td>5,5300 €</td></tr> <tr><td>2</td><td>3,9000 €</td></tr> <tr><td>3</td><td>3,7100 €</td></tr> <tr><td>7</td><td>2,9000 €</td></tr> <tr><td>17</td><td>1,4300 €</td></tr> <tr><td>37</td><td>1,1000 €</td></tr> <tr><td>75</td><td>0,9400 €</td></tr> <tr><td>125</td><td>0,6511 €</td></tr> <tr><td>175</td><td>0,6135 €</td></tr> <tr><td>250</td><td>0,5760 €</td></tr> <tr><td>350</td><td>0,5306 €</td></tr> <tr><td>450</td><td>0,4927 €</td></tr> </tbody> </table>		Quantità progressive	Prezzo singolo [EUR]	1	5,5300 €	2	3,9000 €	3	3,7100 €	7	2,9000 €	17	1,4300 €	37	1,1000 €	75	0,9400 €	125	0,6511 €	175	0,6135 €	250	0,5760 €	350	0,5306 €	450	0,4927 €																	
Quantità progressive	Prezzo singolo [EUR]																																												
1	5,5300 €																																												
2	3,9000 €																																												
3	3,7100 €																																												
7	2,9000 €																																												
17	1,4300 €																																												
37	1,1000 €																																												
75	0,9400 €																																												
125	0,6511 €																																												
175	0,6135 €																																												
250	0,5760 €																																												
350	0,5306 €																																												
450	0,4927 €																																												

Remarks

Paese d'origine: DE | Numero della tariffa doganale: 73202089