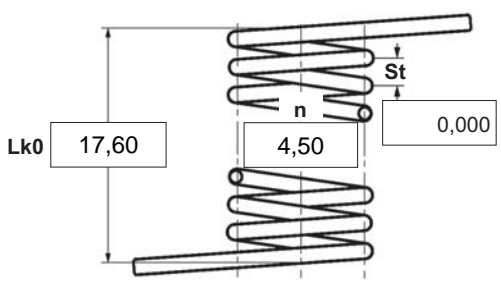


α	degree	Unstressed leg position
$\alpha 1$	degree	Prestressed rotational angle
$\alpha 2$	degree	Loaded rotational angle
αh	degree	Excursion
αn	degree	Maximum rotational angle
d	mm	Wire diameter
D_{dmin}	mm	Min. possible mandrel diameter
D_{dmax}	mm	Max. possible mandrel diameter
D_e	mm	Outer coil diameter
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 type="checkbox"/> left <input checked="" type="checkbox"/> right		5 Excursion α_h _____ degr.	12 Tolerances to DIN 2194 <table border="1"> <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"/>
Grade	Di	Lk0		LSH,LSR	$\alpha, \alpha_1, \alpha_2$	M1, M2	Wire diameter d to DIN 2076																								
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3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>																									
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 _____																													
3 Fixing Recumbent leg <input type="checkbox"/> Lever leg <input type="checkbox"/>		7 Stress cycle frequ. n _____ /																													
4 Load <input type="checkbox"/> in winding direction <input type="checkbox"/> against winding direction		8 Application temp. _____ °C																													
Remarks País de origen: DE Número de arancel aduanero: 73202089		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		11 Surface treatment _____																													
		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"/> 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"/>																													

Prices

Cantidad progresiva	Precio unidad [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 €