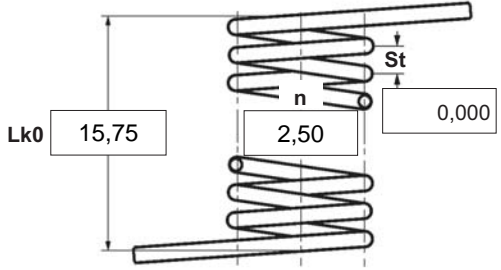


α	degree	Unstressed leg position
α_1	degree	Prestressed rotational angle
α_2	degree	Loaded rotational angle
α_h	degree	Excursion
α_n	degree	Maximum rotational angle
d	mm	Wire diameter
Ddmin	mm	Min. possible mandrel diameter
Ddmax	mm	Max. possible mandrel diameter
De	mm	Outer coil diameter
Di	mm	Inner 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

1 Coiling direction <input checked="checked" type="checkbox"/> left <input type="checkbox"/> right	5 Excursion α_h <input type="text"/> degr.																												
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"/>																												
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																												
Remarks Kraj pochodzenia: DE Numer taryfy celnej: 73202089	9 Material EN 10270-3-1.4310																												
	10 Wire or rod surface <input checked="checked" type="checkbox"/> drawn <input type="checkbox"/> rolled <input type="checkbox"/> metal-cut																												
11 Surface treatment <input type="text"/>	12 Tolerances to DIN 2194 <table border="1" data-bbox="997 1120 1476 1243"> <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="checked" type="checkbox"/></td> <td><input checked="checked" type="checkbox"/></td> <td><input checked="checked" type="checkbox"/></td> <td><input checked="checked" type="checkbox"/></td> <td><input checked="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="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"/>	<input type="checkbox"/>	2	<input checked="checked" type="checkbox"/>	<input checked="checked" type="checkbox"/>	<input checked="checked" type="checkbox"/>	<input checked="checked" type="checkbox"/>	<input checked="checked" type="checkbox"/>	<input type="checkbox"/>	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="checked" type="checkbox"/>
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3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="checked" type="checkbox"/>																							

13 Production compensation through	
A spring torque and the associated swing angle	α <input checked="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	
Grupa ilociowa	Cena jednostkowa [EUR]
1	6,3100 €
2	4,4500 €
3	4,2400 €
7	3,4500 €
17	2,2200 €
37	1,7500 €
75	1,6000 €

Remarks

Kraj pochodzenia: DE | Numer taryfy celnej: 73202089