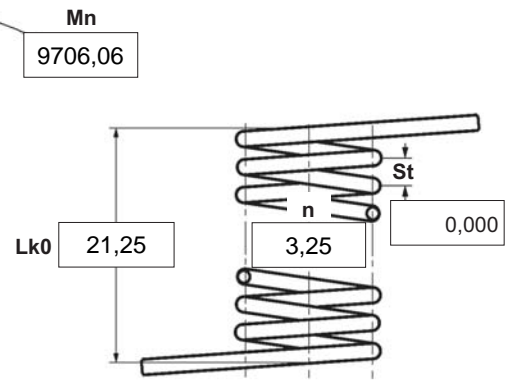


α	degree	Unstressed leg position
α_1	degree	Prestressed rotational angle
α_2	degree	Loaded rotational angle
α_h	degree	Excursion
α_n	degree	Maximum rotational angle
d	mm	Wire diameter
Ddmin	mm	Min. possible mandrel diameter
Ddmax	mm	Max. possible mandrel diameter
De	mm	Outer coil diameter
Di	mm	Inner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

<p>1 Coiling direction</p> <input checked="" type="checkbox"/> left <input type="checkbox"/> right	<p>5 Excursion α_h <input type="text" value=""/> degr.</p> <p>6 Stress cyc. end. N <input type="text" value=""/></p> <p>7 Stress cycle frequ. n <input type="text" value=""/> / <input type="text" value=""/></p> <p>8 Application temp. <input type="text" value=""/> °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>2 Form of legs</p> <p>tangential, straight, no bends *</p> <p><input type="checkbox"/> </p> <p><small>*We can also supply torsion springs with any form of leg for an extra charge.</small></p>	<p>3 Fixing</p> <p>Recumbent leg <input type="checkbox"/> Lever leg <input type="checkbox"/></p> <p><input style="width: 50px; height: 15px;" type="text"/> <input style="width: 50px; height: 15px;" type="text"/></p> <p>4 Load</p> <p><input type="checkbox"/> in winding direction</p> <p><input type="checkbox"/> against winding direction</p>
<p>11 Surface treatment</p> <p><input style="width: 200px; height: 20px;" type="text"/></p>	

12 Tolerances to DIN 2194							
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"/>	

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		
Stupnice množství	Jedn. cena [EUR]	
1	6,4400 €	
2	4,5400 €	
3	4,3300 €	
7	3,5700 €	
17	2,3000 €	
37	1,8300 €	
75	1,7400 €	

Remarks

Zem pvodu: DE | íslo celného sazebníku: 73202089