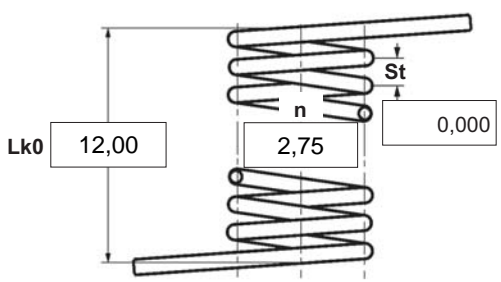


α	degree	Unstressed leg position
α1	degree	Prestressed rotational angle
α2	degree	Loaded rotational angle
αh	degree	Excursion
αn	degree	Maximum rotational angle
d	mm	Wire diameter
Ddmin	mm	Min. possible mandrel diameter
Ddmax	mm	Max. possible mandrel diameter
De	mm	Outer coil diameter
Di	mm	Inner coil 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 α_h <input type="text"/> degr.</p>
<p>2 Form of legs</p> <p>tangential, straight, no bends *</p> <p>*We can also supply torsion springs with any form of leg for an extra charge.</p>	<p>6 Stress cyc. end. N <input type="text"/></p>
<p>3 Fixing</p> <p>Recumbent leg <input type="text"/> Lever leg <input type="text"/></p>	<p>7 Stress cycle frequ. n <input type="text"/> /</p>
<p>4 Load</p> <p><input type="checkbox"/> in winding direction <input type="checkbox"/> against winding direction</p>	<p>8 Application temp. <input type="text"/> °C</p>
<p>Remarks</p> <p>Zem pvodu: DE íslo celního sazebníku: 73202089</p>	<p>9 Material EN 10270-3-1.4310</p>
	<p>10 Wire or rod surface</p> <p><input checked="" type="checkbox"/> drawn <input type="checkbox"/> rolled <input type="checkbox"/> metal-cut</p>
	<p>11 Surface treatment</p> <p><input type="text"/></p>

12 Tolerances to DIN 2194							
Grade	Di	Lk0	LSH,LSR	α, α1, α2	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 α0	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	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 €