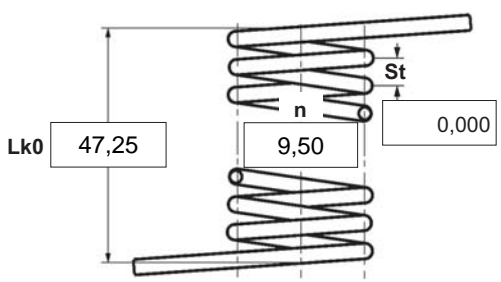


$\alpha$	degree	Unstressed leg position
$\alpha 1$	degree	Prestressed rotational angle
$\alpha 2$	degree	Loaded rotational angle
$\alpha h$	degree	Excursion
$\alpha n$	degree	Maximum rotational angle
d	mm	Wire diameter
Ddmin	mm	Min. possible mandrel diameter
Ddmax	mm	Max. possible mandrel diameter
De	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><b>1 Coiling direction</b></p> <p><input checked="" type="checkbox"/> left <input type="checkbox"/> right</p>	<p><b>5 Excursion <math>\alpha h</math></b> <input type="text"/> degr.</p>
<p><b>2 Form of legs</b></p> <p>tangential, straight, no bends *</p> <p><input type="checkbox"/> tangential <input type="checkbox"/> straight <input type="checkbox"/> no bends</p> <p>*We can also supply torsion springs with any form of leg for an extra charge.</p>	<p><b>6 Stress cyc. end. N</b> <input type="text"/></p>
<p><b>3 Fixing</b></p> <p>Recumbent leg <input type="checkbox"/> Lever leg <input type="checkbox"/></p>	<p><b>7 Stress cycle frequ. n</b> <input type="text"/> / <input type="text"/></p>
<p><b>4 Load</b></p> <p><input type="checkbox"/> in winding direction <input type="checkbox"/> against winding direction</p>	<p><b>8 Application temp.</b> <input type="text"/> °C</p>
<p><b>Remarks</b></p> <p>País de origem: DE   Número de tarifa alfandegária: 73202089</p>	<p><b>9 Material</b></p> <p>EN 10270-3-1.4310</p>
	<p><b>10 Wire or rod surface</b></p> <p><input checked="" type="checkbox"/> drawn <input type="checkbox"/> rolled <input type="checkbox"/> metal-cut</p>
	<p><b>11 Surface treatment</b></p> <p><input type="text"/></p>

<b>12 Tolerances to DIN 2194</b>							
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"/>	
<b>13 Production compensation through</b>							
A spring torque and the associated swing angle						$\alpha$	<input checked="" type="checkbox"/>
A spring torque and the associated swing angle and $\alpha 0$						n, d	<input type="checkbox"/>
A spring torque and the associated swing angle and $\alpha 0$						n, Di	<input type="checkbox"/>
Two spring resistances and the associated swing angle						$\alpha, n, d$	<input type="checkbox"/>
Two spring resistances and the associated swing angle						$\alpha, n, Di$	<input type="checkbox"/>

Prices	
Desconto por quantidade	Preço individual [EUR]
1	6,3100 €
2	4,4500 €
3	4,2400 €
7	3,4500 €
17	2,2200 €
37	1,7500 €
75	1,6000 €