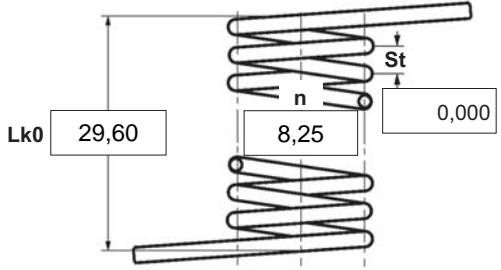


$\alpha$	degree	Unstressed leg position
$\alpha_1$	degree	Prestressed rotational angle
$\alpha_2$	degree	Loaded rotational angle
$\alpha_h$	degree	Excursion
$\alpha_n$	degree	Maximum rotational angle
<i>d</i>	mm	Wire diameter
<i>Ddmin</i>	mm	Min. possible mandrel diameter
<i>Ddmax</i>	mm	Max. possible mandrel diameter
<i>De</i>	mm	Outer coil diameter
<i>Di</i>	mm	Inner coil diameter
<i>F1</i>	N	Prestressed spring force
<i>F2</i>	N	Loaded spring force
<i>Lk0</i>	mm	Length of spring body when relaxed
<i>LS</i>	mm	Length of leg
<i>M1</i>	Nmm	Prestressed torque
<i>M2</i>	Nmm	Loaded torque
<i>Mn</i>	Nmm	Maximum torque
<i>n</i>	pc.	Active coils
<i>RH</i>	mm	Distance power flow point from centre
<i>St</i>	mm	Distance between coils (pitch)
Weight	g	Weight of one spring in grammes



Spring test acc. to DIN ISO 2859/1 test level II

<b>1 Coiling direction</b> <input checked="" type="checkbox"/> left <input type="checkbox"/> right	<b>5 Excursion <math>\alpha_h</math></b> <input type="text"/> degr.
<b>2 Form of legs</b> tangential, straight, no bends * *We can also supply torsion springs with any form of leg for an extra charge.	<b>6 Stress cyc. end. <i>N</i></b> <input type="text"/>
<b>3 Fixing</b> Recumbent leg <input type="checkbox"/> Lever leg <input type="checkbox"/>	<b>7 Stress cycle frequ. <i>n</i></b> <input type="text"/> /
<b>4 Load</b> <input type="checkbox"/> in winding direction <input type="checkbox"/> against winding direction	<b>8 Application temp.</b> <input type="text"/> °C
<b>Remarks</b> Paese d'origine: DE   Numero della tariffa doganale: 73202089	<b>9 Material</b> EN 10270-3-1.4310
	<b>10 Wire or rod surface</b> <input checked="" type="checkbox"/> drawn <input type="checkbox"/> rolled <input type="checkbox"/> metal-cut
	<b>11 Surface treatment</b> <input type="text"/>

<b>12 Tolerances to DIN 2194</b>							
Grade	<i>Di</i>	<i>Lk0</i>	LSH,LSR	$\alpha, \alpha_1, \alpha_2$	<i>M1, M2</i>	Wire diameter <i>d</i> 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"/>

<b>Prices</b>	
Quantità progressive	Prezzo singolo [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 €