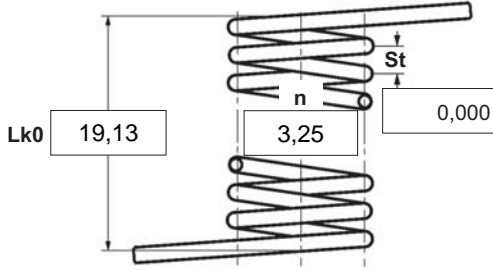


α	degree	Unstressed leg position
α_1	degree	Prestressed rotational angle
α_2	degree	Loaded rotational angle
α_h	degree	Excursion
α_n	degree	Maximum rotational angle
d	mm	Wire diameter
Ddmin	mm	Min. possible mandrel diameter
Ddmax	mm	Max. possible mandrel diameter
De	mm	Outer coil diameter
Di	mm	Inner 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		5 Excursion α_h <input type="text"/> degr.	
<input checked="" type="checkbox"/> left <input type="checkbox"/> right		6 Stress cyc. end. N <input type="text"/>	
2 Form of legs		7 Stress cycle frequ. n <input type="text"/> / <input type="text"/>	
tangential, straight, no bends *		8 Application temp. <input type="text"/> °C	
*We can also supply torsion springs with any form of leg for an extra charge.		9 Material	
3 Fixing		EN 10270-3-1.4310	
Recumbent leg <input type="checkbox"/> Lever leg <input type="checkbox"/>		10 Wire or rod surface	
4 Load		<input checked="" type="checkbox"/> drawn <input type="checkbox"/> rolled <input type="checkbox"/> metal-cut	
<input type="checkbox"/> in winding direction		11 Surface treatment	
<input type="checkbox"/> against winding direction		<input type="text"/>	

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"/>	<input type="checkbox"/>	
2	<input checked="" type="checkbox"/>	<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"/>
A spring torque and the associated swing angle and α_0						n, Di	<input type="checkbox"/>
Two spring resistances and the associated swing angle						α, n, d	<input type="checkbox"/>
Two spring resistances and the associated swing angle						α, n, Di	<input type="checkbox"/>

Prices		
Cantidad progresiva	Precio unidad [EUR]	
1	6,3100 €	
2	4,4500 €	
3	4,2400 €	
7	3,4500 €	
17	2,2200 €	
37	1,7500 €	
75	1,6000 €	

Remarks
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