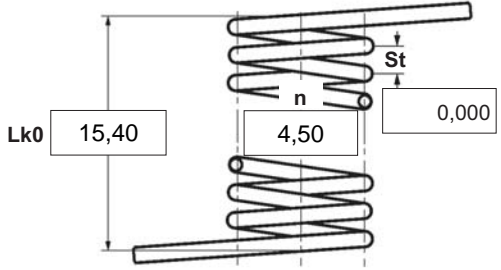


- α degree Unstressed leg position
- $\alpha 1$ degree Prestressed rotational angle
- $\alpha 2$ degree Loaded rotational angle
- αh degree Excursion
- αn degree Maximum rotational angle
- d mm Wire diameter
- Ddmin mm Min. possible mandrel diameter
- Ddmax mm Max. possible mandrel diameter
- De mm Outer 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

1 Coiling direction <input checked="" type="checkbox"/>  left <input type="checkbox"/>  right	5 Excursion αh <input type="text"/> degr.
2 Form of legs tangential, straight, no bends *  *We can also supply torsion springs with any form of leg for an extra charge.	6 Stress cyc. end. N <input type="text"/>
3 Fixing Recumbent leg <input type="checkbox"/> Lever leg <input type="checkbox"/>	7 Stress cycle frequ. n <input type="text"/> / <input type="text"/>
4 Load <input type="checkbox"/> in winding direction <input type="checkbox"/> against winding direction	8 Application temp. <input type="text"/> °C
Remarks Country of origin: DE Customs tariff number: 73202089	9 Material EN 10270-3-1.4310
10 Wire or rod surface <input checked="" type="checkbox"/> drawn <input type="checkbox"/> rolled <input type="checkbox"/> metal-cut	11 Surface treatment <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"/>		
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 $\alpha 0$						n, d	<input type="checkbox"/>
Two spring resistances and the associated swing angle						n, Di	<input type="checkbox"/>
						α, n, d	<input type="checkbox"/>
						α, n, Di	<input type="checkbox"/>

Prices		
Quantity scale	Single price [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 €	