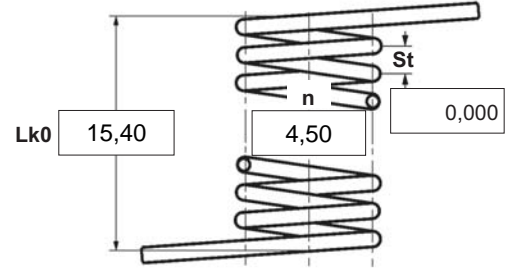


α degree Unstressed leg position
 $\alpha 1$ degree Prestressed rotational angle
 $\alpha 2$ degree Loaded rotational angle
 αh degree Excursion
 αn degree Maximum rotational angle
 d mm Wire diameter
 $Ddmin$ mm Min. possible mandrel diameter
 $Ddmax$ mm Max. possible mandrel diameter
 De mm Outer coil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

left right

2 Form of legs

tangential, straight, no bends *

*We can also supply torsion springs with any form of leg for an extra charge.

3 Fixing

Recumbent leg Lever leg

4 Load

in winding direction
 against winding direction

5 Excursion αh degr.

6 Stress cyc. end. N

7 Stress cycle frequ. n /

8 Application temp. °C

9 Material

EN 10270-3-1.4310

10 Wire or rod surface

drawn rolled metal-cut

11 Surface treatment

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 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

A spring torque and the associated swing angle and $\alpha 0$

Two spring resistances and the associated swing angle α, n, d

α, n, Di

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 €

Remarks

Zem pvodu: DE | íslo celního sazebníku: 73202089