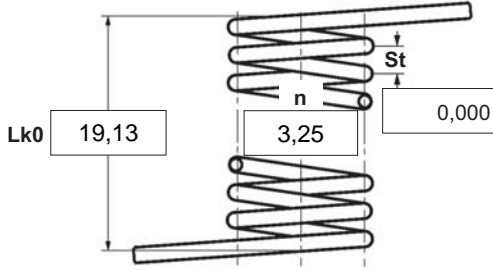


α degree Unstressed leg position
α1 degree Prestressed rotational angle
α2 degree Loaded rotational angle
αh degree Excursion
αn degree Maximum rotational angle
d mm Wire diameter
Ddmin mm Min. possible mandrel diameter
Ddmax mm Max. possible mandrel diameter
De mm Outer coil diameter
Di mm Inner coil 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

5 Excursion α_h degr.

6 Stress cyc. end. N

12 Tolerances to DIN 2194

Grade	Di	Lk0	LSH,LSR	α,α1,α2	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"/>

2 Form of legs
tangential, straight, no bends *

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

7 Stress cycle frequ. n /

8 Application temp. °C

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 α0	n, d	<input type="checkbox"/>
	n, Di	<input type="checkbox"/>
Two spring resistances and the associated swing angle	α, n, d	<input type="checkbox"/>
	α, n, Di	<input type="checkbox"/>

3 Fixing
Recumbent leg Lever leg

9 Material
EN 10270-3-1.4310

10 Wire or rod surface
 drawn rolled metal-cut

4 Load
 in winding direction
 against winding direction

11 Surface treatment

Prices

Mennyiségi lépcsök	Egységár (EUR)
1	6,3100 €
2	4,4500 €
3	4,2400 €
7	3,4500 €
17	2,2200 €
37	1,7500 €
75	1,6000 €

Remarks
Szarmazási ország: DE | Vámtarifaszám: 73202089