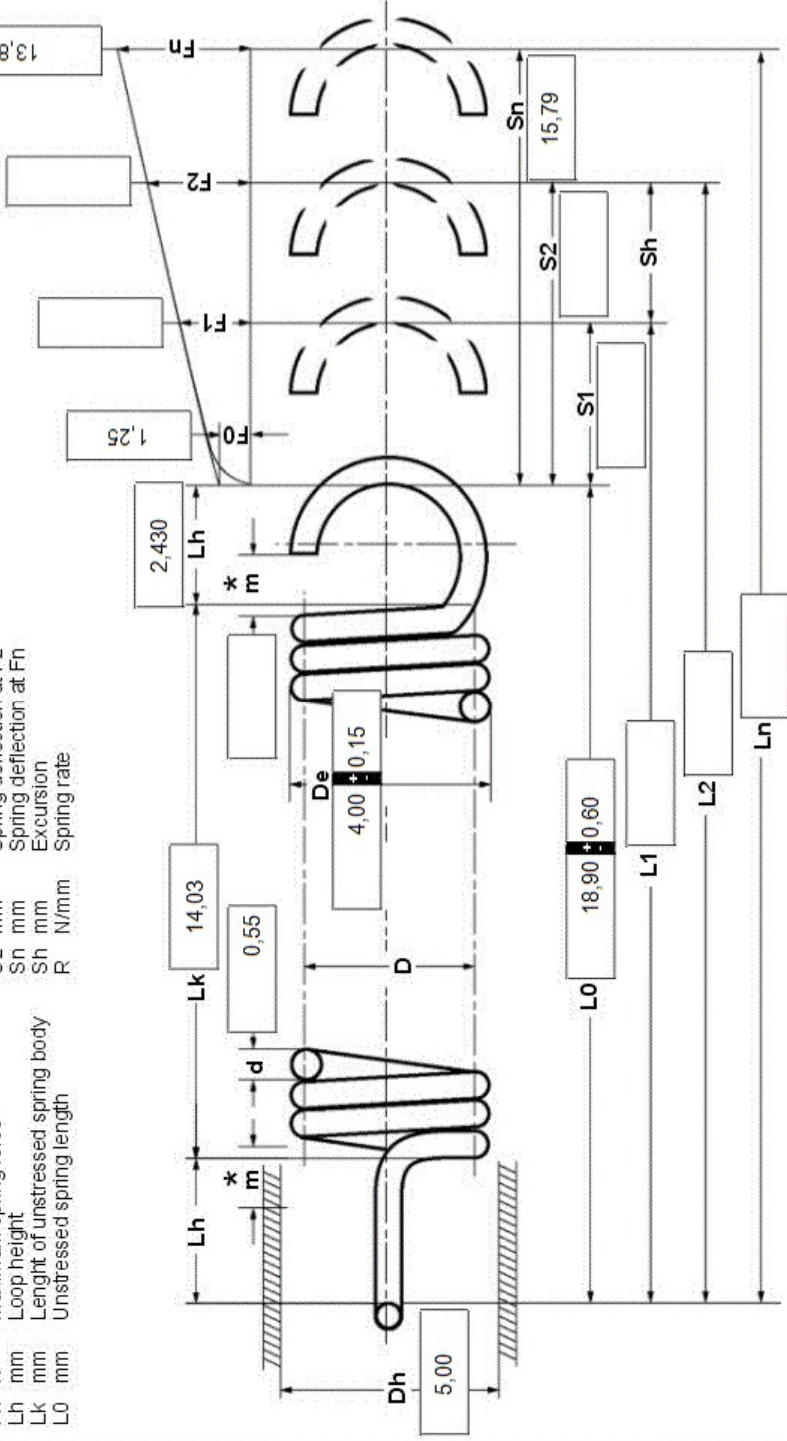


- d mm Wire diameter
- D mm Mean coil diameter
- De mm Outer coil diameter
- Dh mm Minimum diameter of bush
- F0 N Initial tension
- F1 N Prestressed spring force
- F2 N Loaded spring force
- Fh N Maximum spring force
- Lh mm Loop height
- Lk mm Length of unstressed spring body
- L0 mm Unstressed spring length
- L1 mm Spring length at F1
- L2 mm Spring length at F2
- Ln mm Spring length at Fh
- m mm Loop opening width
- n pc. Number of active coils
- nt pc. Total number of coils
- S1 mm Spring deflection at F1
- S2 mm Spring deflection at F2
- Sh mm Spring deflection at Fh
- R N/mm Excursion
- R Spring rate

Weight g Weight of one spring

* Loops are stocked without openings (m = 0,00). However it is possible to have an opening cut into the loop at an extra cost, without causing any delay.



n nt R 0,796 Weight 0,535

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

1 Coiling direction

left right

2 Loop shape and loop position

Loop shape
1/1 deutsche

Loops offset to one another by 180,0 ± 27,0 degrees (in the dir. of the right helix)

4 Stress cyc. end. N

5 Stress cycle frequ. n

/

6 Application temp.

°C

7 Material

EN 10270-3-1.4310

8 Wire or rod surface

drawn rolled metal-cut

9 Surface treatment

3 Excursion Sh

mm

Remarks

bulk/quantity	sc	single price [EUR]
1		2.8800 €
2		2.8800 €
3		2.8800 €
5		2.8800 €
7		1.9900 €
17		1.0300 €
37		0.7000 €
75		0.5200 €
125		0.4854 €
175		0.4757 €
250		0.4637 €
350		0.4431 €
450		0.4257 €

10 Tolerances to DIN 2097

Grade	De, Di, D	L0	F0-Fn	Loops	Wire diameter d to DIN 2076
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	<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"/>

11 Production compensation

	through
A spring resistance, associated length of tensed spring and L0	F0, D <input checked="" type="checkbox"/>
A spring resistance, associated length of tensed spring and F0	L0, n, d <input type="checkbox"/>
Two spring resistances and associated length of tensed spring	L0, n, d <input type="checkbox"/>
	F0 D <input type="checkbox"/>

Prices