

Data sheet Extension spring : RZ-081K-011

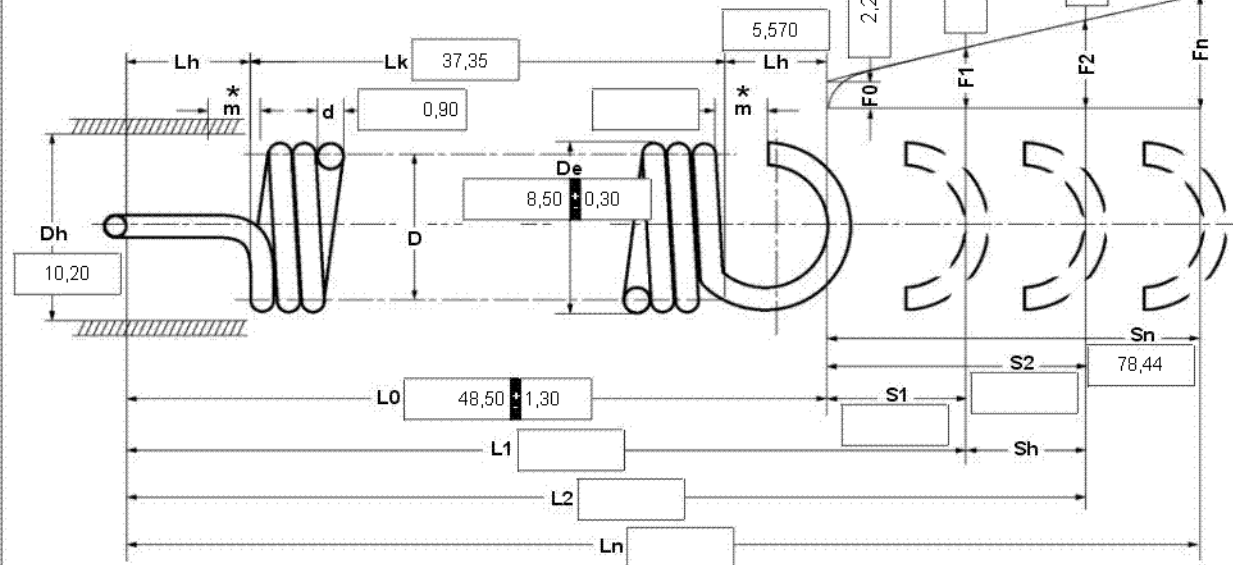
GUTEKUNST FEDERN

07.2010

d mm	Wire diameter	L1 mm	Spring length at F1
D mm	Mean coil diameter	L2 mm	Spring length at F2
De mm	Outer coil diameter	Ln mm	Spring length at Fn
Dh mm	Minimum diameter of bush	m mm	Loop opening width
F0 N	Initial tension	n pc.	Number of active coils
F1 N	Prestressed spring force	nt pc.	Total number of coils
F2 N	Loaded spring force	S1 mm	Spring deflection at F1
Fn N	Maximum spring force	S2 mm	Spring deflection at F2
Lh mm	Loop height	Sn mm	Spring deflection at Fn
Lk mm	Length of unstressed spring body	Sh mm	Excursion
L0 mm	Unstressed spring length	R N/mm	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 0,323 Weight 5,110

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

1 Coiling direction

☐ left ☒ right

4 Stress cyc. end. N

5 Stress cycle frequ. n

2 Loop shape and loop position

Loop shape

1/1 deutsche

Loops offset to one another

by 180,0 ± 38,0 degrees
(in the dir. of the right helix)

6 Application temp.

7 Material

EN 10270-3-1.4310

8 Wire or rod surface

☒ drawn ☐ rolled ☐ metal-cut

9 Surface treatment

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 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"/>

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"/>

Prices

bulk/quantity sc	single price [EUR]
1	2.9100 EUR
2	2.9100 EUR
3	2.9100 EUR
5	2.9100 EUR
7	2.1400 EUR
17	1.0600 EUR
37	0.7800 EUR
75	0.6300 EUR
125	0.5778 EUR
175	0.5604 EUR
250	0.5560 EUR
350	0.5523 EUR

Remarks

