

D	mm	Wire diameter	L1	mm	Prestressed spring length
D	mm	Mean coil diameter	L2	mm	Loaded spring length
De	mm	Outer coil diameter	Ln	mm	Maximum spring length
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	Prestressed spring deflection
Fn	N	Maximum spring force	s2	mm	Loaded spring deflection
Lh	mm	Loop height	sn	mm	Maximum spring deflection
Lk	mm	Length of unstressed spring body	sh	mm	Excursion
L0	mm	Unstressed spring length	R	N/mm	Spring rate

Symbol	Unit	Description
Fh	N	Maximum spring force
Lh	mm	Loop height
Lk	mm	Length of unstressed spring body
L0	mm	Unstressed spring length
s2	mm	Loaded spring deflection
sn	mm	Maximum spring deflection
sh	mm	Excursion
R	N/mm	Spring rate

The technical drawing shows a spring with the following dimensions and values:

- Dimensions:**
 - L_h : Loop height (2,920)
 - L_k : Length of unstressed spring body (23,75)
 - L_0 : Unstressed spring length (29,60 $\pm$ 0,80)
 - L_1 : [Empty box]
 - L_2 : [Empty box]
 - L_n : [Empty box]
 - D_h : [Empty box] (5,40)
 - d : Wire diameter (0,50)
 - D : Mean coil diameter (4,50 $\pm$ 0,15)
 - De : End distance (4,50 $\pm$ 0,15)
 - s_1 : [Empty box]
 - s_2 : [Empty box]
 - sh : Excursion (47,42)
 - sn : Maximum spring deflection (47,42)
- Force-Displacement Diagram:**
 - Y-axis: Force (F)
 - X-axis: Deflection (s)
 - Points: F_0 , F_1 , F_2 , F_n
 - Values: F_0 (0,71), F_n (9,42)

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

Stupnice množství	Jedn. cena [EUR]
1	6,3400 €
2	3,9900 €
3	2,6300 €
7	2,1900 €
17	1,1200 €
37	0,7600 €
75	0,5700 €
125	0,5339 €
175	0,5280 €
250	0,5147 €
350	0,4963 €
450	0,4768 €