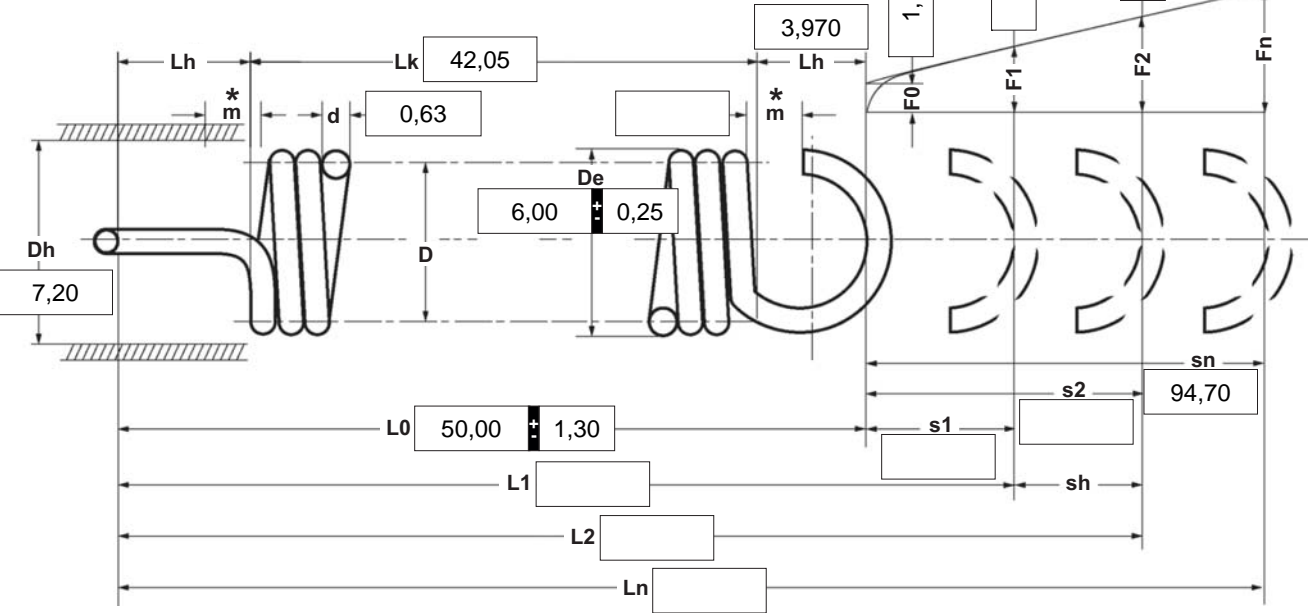


| | | | |
|-------|----------------------------------|--------|-------------------------------|
| d mm | Wire diameter | L1 mm | Prestressed spring length |
| D mm | Mean coil diameter | L2 mm | Loaded spring length |
| De mm | Outer coil diameter | Ln mm | Maximum spring length |
| Dh mm | Minimum diameter of bush | m mm | Loop opening width |
| F0 N | Initial tension | n pc. | Number of aktive 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 | Lenght 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 Weight

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 German loop

Loops offset to one another

by \pm degrees (in the dir. of the right helix)

6 Application temp. °C

7 Material

EN 10270-3-1.4310

3 Wire or rod surface

drawn rolled metal-cut

9 Surface treatment

3 Excursion sh mm

Remarks

Country of origin: DE | Customs tariff number: 73202085

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 checked="" 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"/> L0, 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

| Quantity scale | Single price [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 € |