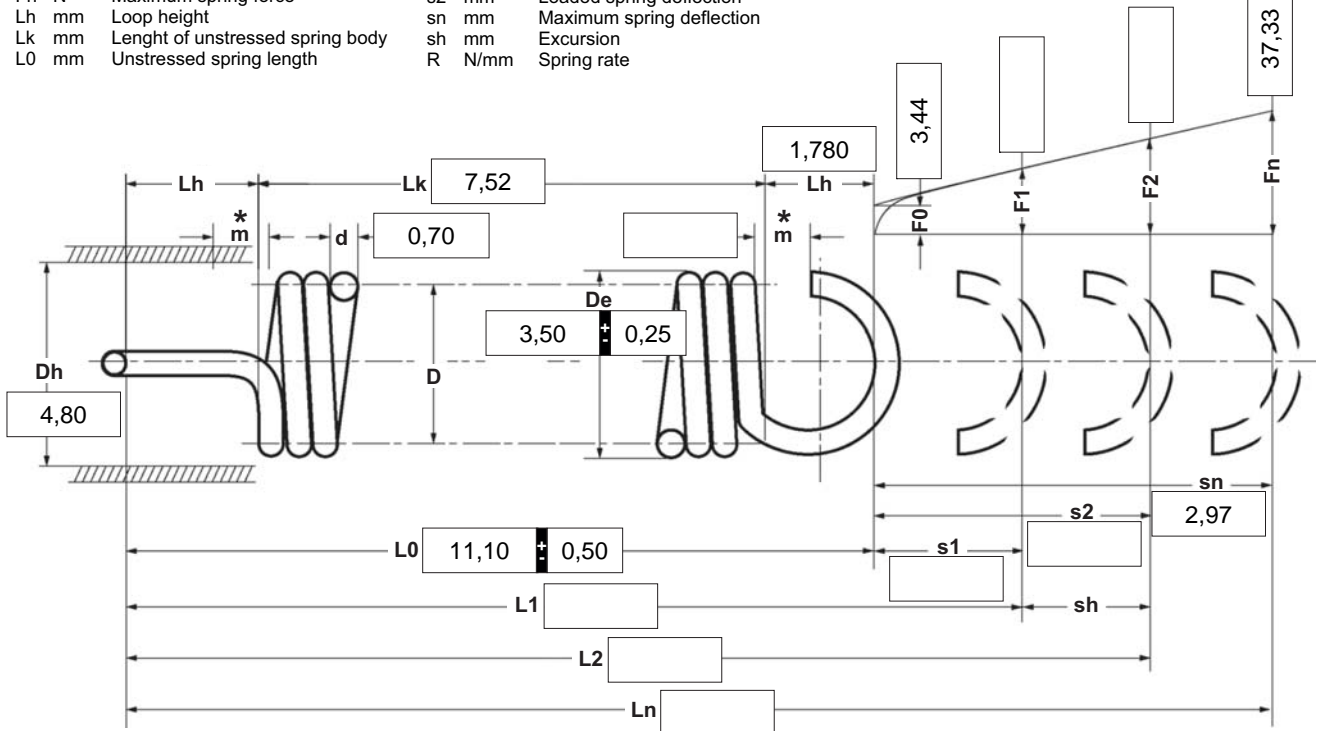


|    |    |                                  |    |      |                               |
|----|----|----------------------------------|----|------|-------------------------------|
| d  | mm | Wire diameter                    | L1 | mm   | Prestressed spring length     |
| D  | mm | Mean coil diameter               | 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                   |

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 11,428 Weight 0,314

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 German loop

Loops offset to one another

by  270,0  16,0 degrees  
(in the dir. of the right helix)

**3 Excursion sh** mm**4 Stress cyc. end. N****5 Stress cycle frequ. n** /**6 Application temp.** °C**7 Material**

EN 10270-1

**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 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"/><br>L0, D <input type="checkbox"/> |
| Two spring resistances and associated length of tensed spring  | L0, n, d <input type="checkbox"/><br>F0,D <input type="checkbox"/>  |

**Prices**

| Grupa ilociowa | Cena jednostkowa [EUR] |
|----------------|------------------------|
| 1              | 5,9800 €               |
| 2              | 3,7700 €               |
| 3              | 2,1900 €               |
| 7              | 1,8300 €               |
| 17             | 0,8300 €               |
| 37             | 0,5500 €               |
| 75             | 0,3300 €               |
| 125            | 0,3142 €               |
| 175            | 0,3080 €               |
| 250            | 0,3019 €               |
| 350            | 0,2956 €               |
| 450            | 0,2885 €               |

**Remarks**

Kraj pochodzenia: DE | Numer taryfy celnej: 73202085