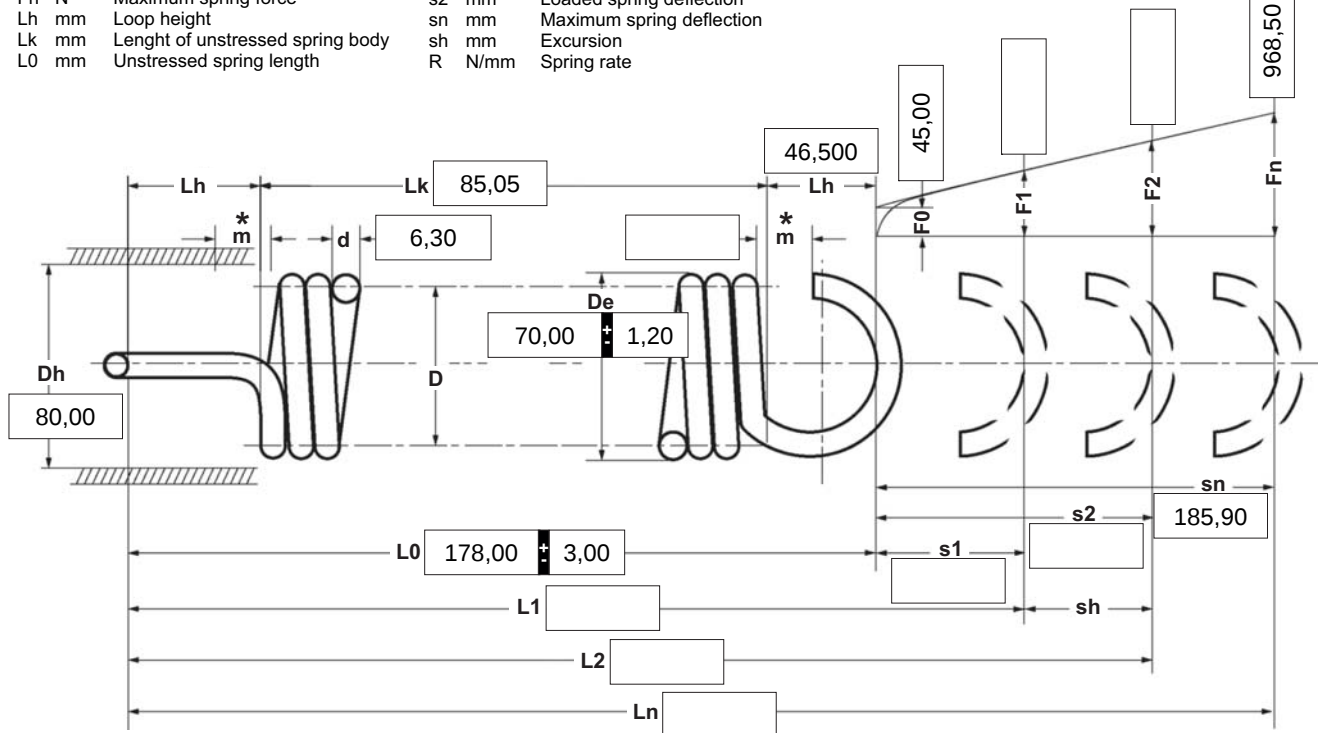


|    |    |                                  |    |      |                               |
|----|----|----------------------------------|----|------|-------------------------------|
| d  | mm | Wire diameter                    | L1 | mm   | Prestressed spring length     |
| D  | mm | Mean coil diameter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



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 180,0 ± 22,0 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"/>            |
|                                                                | 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              | 15,7400 €          |
| 2              | 12,5400 €          |
| 3              | 8,4100 €           |
| 7              | 6,6100 €           |
| 17             | 6,6100 €           |
| 37             | 6,6100 €           |
| 75             | 6,6100 €           |
| 125            | 6,6100 €           |
| 175            | 6,6100 €           |
| 250            | 6,6100 €           |
| 350            | 6,6100 €           |

**Remarks**

Country of origin: DE | Customs tariff number: 73202085