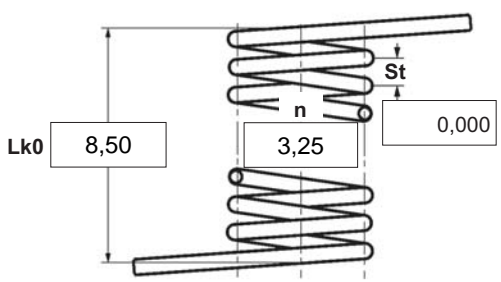


|            |        |                                       |
|------------|--------|---------------------------------------|
| $\alpha$   | degree | Unstressed leg position               |
| $\alpha 1$ | degree | Prestressed rotational angle          |
| $\alpha 2$ | degree | Loaded rotational angle               |
| $\alpha h$ | degree | Excursion                             |
| $\alpha n$ | degree | Maximum rotational angle              |
| d          | mm     | Wire diameter                         |
| Ddmin      | mm     | Min. possible mandrel diameter        |
| Ddmax      | mm     | Max. possible mandrel diameter        |
| De         | mm     | Outer coil diameter                   |
| Di         | mm     | Inner coil diameter                   |
| F1         | N      | Prestressed spring force              |
| F2         | N      | Loaded spring force                   |
| Lk0        | mm     | Length of spring body when relaxed    |
| LS         | mm     | Length of leg                         |
| M1         | Nmm    | Prestressed torque                    |
| M2         | Nmm    | Loaded torque                         |
| Mn         | Nmm    | Maximum torque                        |
| n          | pc.    | Active coils                          |
| RH         | mm     | Distance power flow point from centre |
| St         | mm     | Distance between coils (pitch)        |
| Weight     | g      | Weight of one spring in grammes       |



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

|   |   |
|---|---|
| <b>1 Coiling direction</b><br><input checked="" type="checkbox"/> left <input type="checkbox"/> right   | <b>5 Excursion <math>\alpha h</math></b> <input type="text"/> degr.   |
|   | <b>6 Stress cyc. end. N</b> <input type="text"/>  |
| <b>2 Form of legs</b><br>tangential, straight, no bends *<br><br>*We can also supply torsion springs with any form of leg for an extra charge. | <b>7 Stress cycle frequ. n</b> <input type="text"/> / <input type="text"/>  |
|   | <b>8 Application temp.</b> <input type="text"/> °C  |
| <b>3 Fixing</b><br>Recumbent leg <input type="checkbox"/> Lever leg <input type="checkbox"/>  | <b>9 Material</b><br>EN 10270-3-1.4310  |
| <b>4 Load</b><br><input type="checkbox"/> in winding direction<br><input type="checkbox"/> against winding direction  | <b>10 Wire or rod surface</b><br><input checked="" type="checkbox"/> drawn <input type="checkbox"/> rolled <input type="checkbox"/> metal-cut |
|   | <b>11 Surface treatment</b><br><input type="text"/>   |

| 12 Tolerances to DIN 2194 |                                     |                                     |                                     |                                     |                                     |                                     |  |
|---------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--|
| Grade                     | Di                                  | Lk0                                 | LSH,LSR                             | $\alpha, \alpha 1, \alpha 2$        | M1, M2                              | 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"/>            | <input checked="" type="checkbox"/> |  |

| 13 Production compensation through                            |  |
|---|--|
| A spring torque and the associated swing angle                | $\alpha$ <input checked="" type="checkbox"/> |
| A spring torque and the associated swing angle and $\alpha 0$ | n, d <input type="checkbox"/>                |
|   | n, Di <input type="checkbox"/>               |
| Two spring resistances and the associated swing angle         | $\alpha, n, d$ <input type="checkbox"/>      |
|   | $\alpha, n, Di$ <input type="checkbox"/>     |

| Prices              |                     |  |
|---------------------|---------------------|--|
| Cantidad progresiva | Precio unidad [EUR] |  |
| 1                   | 5,2700 €            |  |
| 2                   | 3,7200 €            |  |
| 3                   | 3,5400 €            |  |
| 7                   | 2,5100 €            |  |
| 17                  | 1,2200 €            |  |
| 37                  | 0,9000 €            |  |
| 75                  | 0,7300 €            |  |
| 125                 | 0,5070 €            |  |
| 175                 | 0,4444 €            |  |
| 250                 | 0,4132 €            |  |
| 350                 | 0,3853 €            |  |
| 450                 | 0,3536 €            |  |

**Remarks**  
 País de origen: DE | Número de arancel aduanero: 73202089