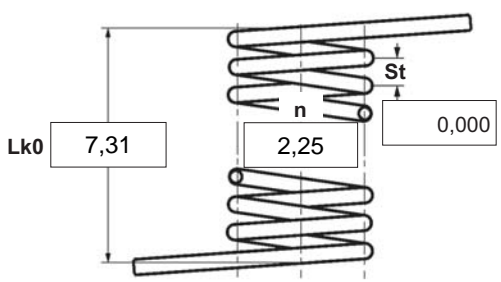





- $\alpha$  degree Unstressed leg position
- $\alpha 1$  degree Prestressed rotational angle
- $\alpha 2$  degree Loaded rotational angle
- $\alpha h$  degree Excursion
- $\alpha n$  degree Maximum rotational angle
- d mm Wire diameter
- Ddmin mm Min. possible mandrel diameter
- Ddmax mm Max. possible 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 type="checkbox"/>  left <input checked="" type="checkbox"/>  right | <b>5 Excursion <math>\alpha h</math></b> <input type="text"/> degr.   |
| <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>6 Stress cyc. end. N</b> <input type="text"/><br><b>7 Stress cycle frequ. n</b> <input type="text"/> / <input type="text"/>                |
| <b>3 Fixing</b><br>Recumbent leg <input type="checkbox"/> Lever leg <input type="checkbox"/>  | <b>8 Application temp.</b> <input type="text"/> °C<br><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                   | 5,4200              | € |
| 2                   | 3,8200              | € |
| 3                   | 3,6400              | € |
| 7                   | 2,6600              | € |
| 17                  | 1,3800              | € |
| 37                  | 1,0200              | € |
| 75                  | 0,8900              | € |
| 125                 | 0,5823              | € |
| 175                 | 0,5445              | € |
| 250                 | 0,4945              | € |
| 350                 | 0,4610              | € |
| 450                 | 0,4169              | € |

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