



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

**1 Coiling direction**

 left   right

**2 Form of legs**

tangential, straight, no bends \*



\*We can also supply torsion springs with any form of leg for an extra charge.

**3 Fixing**

Recumbent leg  Lever leg

**4 Load**

in winding direction  against winding direction

**5 Excursion  $\alpha h$**   degr.

**6 Stress cyc. end.  $N$**

**7 Stress cycle frequ.  $n$**   /

**8 Application temp.**  °C

**9 Material**

EN 10270-3-1.4310

**10 Wire or rod surface**

drawn  rolled  metal-cut

**11 Surface treatment**

**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                   | 5,1600 €            |
| 2                   | 3,6400 €            |
| 3                   | 3,4700 €            |
| 7                   | 2,4200 €            |
| 17                  | 1,1500 €            |
| 37                  | 0,8500 €            |
| 75                  | 0,6800 €            |
| 125                 | 0,4859 €            |
| 175                 | 0,4196 €            |
| 250                 | 0,3695 €            |
| 350                 | 0,3536 €            |
| 450                 | 0,3284 €            |

**Remarks**

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