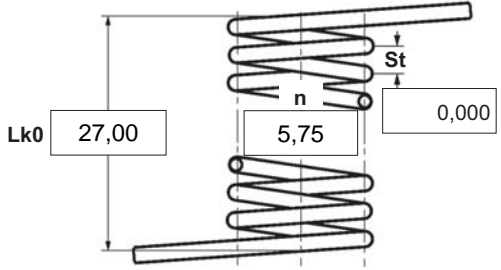


- α degree Unstressed leg position
- $\alpha 1$ degree Prestressed rotational angle
- $\alpha 2$ degree Loaded rotational angle
- αh degree Excursion
- αn degree Maximum rotational angle
- d mm Wire diameter
- Ddmin mm Min. possible mandrel diameter
- Ddmax mm Max. possible mandrel diameter
- De mm Outer 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

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

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"/> | <input type="checkbox"/> |
| 2 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input 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 | α <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 | α, n, d <input type="checkbox"/> |
| | α, n, Di <input type="checkbox"/> |

Prices

| Grupa ilociowa | Cena jednostkowa [EUR] |
|----------------|------------------------|
| 1 | |
| 2 | 6,3100 € |
| 3 | 4,4500 € |
| 7 | 4,2400 € |
| 17 | 3,4500 € |
| 37 | 2,2200 € |
| 75 | 1,7500 € |
| | 1,6000 € |

Remarks

Kraj pochodzenia: DE | Numer taryfy celnej: 73202089