


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

| 1 Coiling direction <input type="checkbox"/> left <input checked="" type="checkbox"/> right | | 5 Excursion αh <input type="text"/> degr. | | 12 Tolerances to DIN 2194 <table border="1"> <thead> <tr> <th>Grade</th> <th>Di</th> <th>Lk0</th> <th>LSH,LSR</th> <th>$\alpha, \alpha 1, \alpha 2$</th> <th>M1, M2</th> <th>Wire diameter d to DIN 2076</th> </tr> </thead> <tbody> <tr> <td>1</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>2</td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td></td> </tr> <tr> <td>3</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | | 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"/> |
|--|-------------------------------------|---|-------------------------------------|--|-------------------------------------|--|------------------|-------------------------------------|---|------------------------------|--------------------------|-----------------------------|----------|--------------------------|---|--------------------------|--------------------------|--------------------------|-----------------|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----|----------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 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"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 Form of legs tangential, straight, no bends *  *We can also supply torsion springs with any form of leg for an extra charge. | | 6 Stress cyc. end. N <input type="text"/> | | 13 Production compensation through <table border="1"> <tr> <td>A spring torque and the associated swing angle</td> <td>α</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>A spring torque and the associated swing angle and $\alpha 0$</td> <td>n, d</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>n, Di</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Two spring resistances and the associated swing angle</td> <td>α, n, d</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>α, n, Di</td> <td><input type="checkbox"/></td> </tr> </table> | | 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"/> | | | | | | | | | | | | | |
| 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"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 Fixing Recumbent leg <input type="checkbox"/> Lever leg <input type="checkbox"/> | | 7 Stress cycle frequ. n <input type="text"/> / | | 8 Application temp. <input type="text"/> °C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 Load <input type="checkbox"/> in winding direction <input type="checkbox"/> against winding direction | | 9 Material EN 10270-3-1.4310 | | 10 Wire or rod surface <input checked="" type="checkbox"/> drawn <input type="checkbox"/> rolled <input type="checkbox"/> metal-cut | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Remarks Zem pvodu: DE íslo celného sazebníku: 73202089 | | 11 Surface treatment <input type="text"/> | | Prices <table border="1"> <thead> <tr> <th>Stupnice množství</th> <th>Jedn. cena [EUR]</th> </tr> </thead> <tbody> <tr><td>1</td><td>5,1100 €</td></tr> <tr><td>2</td><td>3,6000 €</td></tr> <tr><td>3</td><td>3,4300 €</td></tr> <tr><td>7</td><td>2,2200 €</td></tr> <tr><td>17</td><td>1,1200 €</td></tr> <tr><td>37</td><td>0,7400 €</td></tr> <tr><td>75</td><td>0,5500 €</td></tr> <tr><td>125</td><td>0,4570 €</td></tr> <tr><td>175</td><td>0,4069 €</td></tr> <tr><td>250</td><td>0,3567 €</td></tr> <tr><td>350</td><td>0,3095 €</td></tr> <tr><td>450</td><td>0,2652 €</td></tr> </tbody> </table> | | Stupnice množství | Jedn. cena [EUR] | 1 | 5,1100 € | 2 | 3,6000 € | 3 | 3,4300 € | 7 | 2,2200 € | 17 | 1,1200 € | 37 | 0,7400 € | 75 | 0,5500 € | 125 | 0,4570 € | 175 | 0,4069 € | 250 | 0,3567 € | 350 | 0,3095 € | 450 | 0,2652 € | | |
| Stupnice množství | Jedn. cena [EUR] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5,1100 € | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 3,6000 € | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 3,4300 € | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 2,2200 € | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 1,1200 € | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | 0,7400 € | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | 0,5500 € | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 125 | 0,4570 € | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 175 | 0,4069 € | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 250 | 0,3567 € | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 350 | 0,3095 € | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 450 | 0,2652 € | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |