



Illustr.2. Spring ends lined up

Illustr.3. Spring ends lined  
up, forged  
and ground

|   |                                           |                                                                             |                                                                                                             |
|---|-------------------------------------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| 1 | No. of Active Coils<br>Total No. of Coils | n = 6.5<br>nt = 8.5                                                         |                                                                                                             |
| 2 | Direction of Coils                        | right<br>left                                                               | <input checked="" type="radio"/><br><input type="radio"/>                                                   |
| 3 | Deburring of Spring Ends                  | no<br>inside<br>outside                                                     | <input checked="" type="radio"/><br><input type="radio"/><br><input type="radio"/>                          |
| 4 | Working Path (Stroke)                     |                                                                             |                                                                                                             |
| 5 | Stress Cycle Frequency                    |                                                                             |                                                                                                             |
| 6 | Range of working temperature              | 0 .. 80 °C                                                                  |                                                                                                             |
| 7 | Wire or Rod Surface                       | drawn<br>rolled<br>tipless grinding<br>spring shot-blasted with steel balls | <input checked="" type="radio"/><br><input type="radio"/><br><input type="radio"/><br><input type="radio"/> |
| 8 | Surface Protection:                       |                                                                             |                                                                                                             |
| 9 | Material: 1.4310                          |                                                                             |                                                                                                             |

|    |                                                                    |                                                                  |   |                       |             |
|----|--------------------------------------------------------------------|------------------------------------------------------------------|---|-----------------------|-------------|
| 10 |                                                                    | Permissible Deviations<br>according to EN 15800<br>Quality Class |   |                       | DIN<br>2096 |
|    |                                                                    | 1                                                                | 2 | 3                     |             |
|    | De, Di                                                             | ○                                                                | ○ | ○                     | ○           |
|    | L0                                                                 | ○                                                                | ○ | ○                     | ○           |
|    | F1                                                                 | ○                                                                | ○ | ○                     | ○           |
|    | F2                                                                 | ○                                                                | ○ | ○                     | ○           |
|    | e1                                                                 | ○                                                                | ○ | ○                     | ○           |
|    | e2                                                                 | ○                                                                | ○ | ○                     | ○           |
|    | d                                                                  |                                                                  |   |                       |             |
| 11 | Manufacturing Tolerance                                            |                                                                  |   | by:                   |             |
|    | a) if the spring force and the<br>spring length are specified      |                                                                  |   | L0 ○                  |             |
|    | b) if the spring force, the spring<br>length and L0 are specified  |                                                                  |   | n and<br>d ⊗          |             |
|    |                                                                    |                                                                  |   | n and<br>De, Di ○     |             |
|    | c) if two spring forces and<br>the spring lengths are<br>specified |                                                                  |   | L0, n and<br>d ○      |             |
|    |                                                                    |                                                                  |   | L0, n and<br>De, Di ○ |             |
| 12 | Springs to be supplied<br>not set may be longer<br>than L0         |                                                                  |   |                       |             |
|    | Set Test Springs !<br>Supply remaining springs set ○<br>not set ○  |                                                                  |   |                       |             |

[illegible]

# Feder

RD-24001