



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 = 12.5<br>nt = 14.5                                                       |                                                                                                             |
| 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 according to EN 15800                 |   |   |                                                                | DIN 2096 |
|                                | Quality Class                                                |   |   |                                                                |          |
|                                |                                                              | 1 | 2 | 3                                                              |          |
|                                | De, Di                                                       | ○ | ○ | ○                                                              | ○        |
|                                | L0                                                           | ○ | ○ | ○                                                              | ○        |
|                                | F1                                                           | ○ | ○ | ○                                                              | ○        |
|                                | F2                                                           | ○ | ○ | ○                                                              | ○        |
|                                | e1                                                           | ○ | ○ | ○                                                              | ○        |
|                                | e2                                                           | ○ | ○ | ○                                                              | ○        |
| d                              |                                                              |   |   |                                                                |          |
| 11                             | Manufacturing Tolerance                                      |   |   | by:                                                            |          |
|                                | a) if the spring force and the spring length are specified   |   |   | L0                                                             | ○        |
|                                |                                                              |   |   | b) if the spring force, the spring length and L0 are specified |          |
|                                | n and De, Di                                                 | ○ |   |                                                                |          |
|                                | c) if two spring forces and the spring lengths are specified |   |   | L0, n and d                                                    | ○        |
|                                |                                                              |   |   | L0, n and De, Di                                               | ○        |
| 12                             | Springs to be supplied not set may be longer than L0         |   |   |                                                                |          |
| Set Test Springs !             |                                                              |   |   |                                                                |          |
| Supply remaining springs set ○ |                                                              |   |   |                                                                |          |
| not set ○                      |                                                              |   |   |                                                                |          |

[illegible]

# Feder

RD-03224-01