



Illustr. 1. Spring ends lined up and ground

Illustr. 2. Spring ends lined up

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

|   |                              |                                                                                                                                                                                |
|---|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | No. of Active Coils          | n = 8.5                                                                                                                                                                        |
|   | Total No. of Coils           | nt = 10.5                                                                                                                                                                      |
| 2 | Direction of Coils           | right <input checked="" type="radio"/><br>left <input type="radio"/>                                                                                                           |
| 3 | Deburring of Spring Ends     | no <input checked="" type="radio"/><br>inside <input type="radio"/><br>outside <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 <input checked="" type="radio"/><br>rolled <input type="radio"/><br>tipless grinding <input type="radio"/><br>spring shot-blasted with steel balls <input type="radio"/> |
| 8 | Surface Protection:          |                                                                                                                                                                                |
| 9 | Material:                    | 1.4310                                                                                                                                                                         |

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

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|       |              |      |      |                    |      |
|-------|--------------|------|------|--------------------|------|
|       |              |      |      | Date               | Name |
|       |              |      |      | Compl.             |      |
|       |              |      |      | Check              |      |
|       |              |      |      | Stand.             |      |
|       |              |      |      |                    |      |
|       |              |      |      |                    |      |
|       |              |      |      |                    |      |
|       |              |      |      |                    |      |
| Cond. | Modification | Date | Name | ZILLER Böhmenkirch |      |

Feder

RD-04024

