



Illustr.2. Spring ends lined up

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

|    |                                                                                                           |                                                                  |                       |                       |                                  |
|----|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-----------------------|-----------------------|----------------------------------|
| 10 |                                                                                                           | Permissible Deviations<br>according to EN 15800<br>Quality Class |                       |                       | DIN<br>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<br>spring length are specified                                             |                                                                  |                       | L0                    | <input type="radio"/>            |
|    | b) if the spring force, the spring<br>length and L0 are specified                                         |                                                                  |                       | n and<br>d            | <input checked="" type="radio"/> |
|    |                                                                                                           |                                                                  |                       | n and<br>De, Di       | <input type="radio"/>            |
|    | c) if two spring forces and<br>the spring lengths are<br>specified                                        |                                                                  |                       | L0, n and<br>d        | <input type="radio"/>            |
|    |                                                                                                           |                                                                  |                       | L0, n and<br>De, Di   | <input type="radio"/>            |
| 12 | Springs to be supplied<br>not set may be longer<br>than L0                                                |                                                                  |                       |                       |                                  |
|    | Set Test Springs !<br>Supply remaining springs set <input type="radio"/><br>not set <input type="radio"/> |                                                                  |                       |                       |                                  |

|       |              |      |      |                                                                                     |      |          |  |  |
|-------|--------------|------|------|-------------------------------------------------------------------------------------|------|----------|--|--|
|       |              |      |      | Date                                                                                | Name | Feder    |  |  |
|       |              |      |      | Compl.                                                                              |      |          |  |  |
|       |              |      |      | Check                                                                               |      |          |  |  |
|       |              |      |      | Stand.                                                                              |      |          |  |  |
|       |              |      |      |  |      | RD-12511 |  |  |
| Cond. | Modification | Date | Name | ZILLER Böhmenkirch                                                                  |      |          |  |  |