



Illustr.2. Spring ends lined up

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

|    |                                                                                 |                                                         |          |                  |                     |
|----|---------------------------------------------------------------------------------|---------------------------------------------------------|----------|------------------|---------------------|
|    |                                                                                 | <b>Permissible Deviations<br/>according to EN 15800</b> |          |                  | <b>DIN<br/>2096</b> |
|    |                                                                                 | <b>Quality Class</b>                                    |          |                  |                     |
|    |                                                                                 | <b>1</b>                                                | <b>2</b> | <b>3</b>         |                     |
|    | De, Di                                                                          | ○                                                       | ○        | ○                | ○                   |
|    | L0                                                                              | ○                                                       | ○        | ○                | ○                   |
|    | F1                                                                              | ○                                                       | ○        | ○                | ○                   |
|    | F2                                                                              | ○                                                       | ○        | ○                | ○                   |
|    | e1                                                                              | ○                                                       | ○        | ○                | ○                   |
|    | e2                                                                              | ○                                                       | ○        | ○                | ○                   |
|    | d                                                                               |                                                         |          |                  |                     |
| 11 | <b>Manufacturing Tolerance</b>                                                  |                                                         |          | <b>by:</b>       |                     |
|    | 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 d          | ⊗                   |
|    |                                                                                 |                                                         |          | 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    ○<br>not set                                  ○ |                                                         |          |                  |                     |

|       |              |      |      |                                                                                     |      |          |  |
|-------|--------------|------|------|-------------------------------------------------------------------------------------|------|----------|--|
|       |              |      |      | Date                                                                                | Name | Feder    |  |
|       |              |      |      | Compl.                                                                              |      |          |  |
|       |              |      |      | Check                                                                               |      |          |  |
|       |              |      |      | Stand.                                                                              |      |          |  |
|       |              |      |      |  |      | RD-28018 |  |
| Cond. | Modification | Date | Name | ZILLER Böhmenkirch                                                                  |      |          |  |