



Illustr.2. Spring ends lined up

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

|    |                                                                   |                                                         |          |          |                    |
|----|-------------------------------------------------------------------|---------------------------------------------------------|----------|----------|--------------------|
|    |                                                                   | <b>Permissible Deviations<br/>according to EN 15800</b> |          |          | DIN<br><b>2096</b> |
|    |                                                                   | <b>Quality Class</b>                                    |          |          |                    |
|    |                                                                   | <b>1</b>                                                | <b>2</b> | <b>3</b> |                    |
|    | <b>De, Di</b>                                                     | ○                                                       | ○        | ○        | ○                  |
|    | 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 !<br>Supply remaining springs set ○<br>not set ○ |                                                         |          |          |                    |

|       |              |      |      |                                                                                     |      |            |  |  |
|-------|--------------|------|------|-------------------------------------------------------------------------------------|------|------------|--|--|
|       |              |      |      | Date                                                                                | Name | Feder      |  |  |
|       |              |      |      | Compl.                                                                              |      |            |  |  |
|       |              |      |      | Check                                                                               |      |            |  |  |
|       |              |      |      | Stand.                                                                              |      |            |  |  |
|       |              |      |      |  |      | D-11000-07 |  |  |
|       |              |      |      |                                                                                     |      |            |  |  |
|       |              |      |      |                                                                                     |      |            |  |  |
| Cond. | Modification | Date | Name | ZILLER Böhmenkirch                                                                  |      |            |  |  |