



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                                                             | ○                                                                | ○ | ○                     | ○           |
|    | L0                                                                 | ○                                                                | ○ | ○                     | ○           |
|    | F1                                                                 | ○                                                                | ○ | ○                     | ○           |
|    | F2                                                                 | ○                                                                | ○ | ○                     | ○           |
|    | e1                                                                 | ○                                                                | ○ | ○                     | ○           |
|    | e2                                                                 | ○                                                                | ○ | ○                     | ○           |
|    | d                                                                  |                                                                  |   |                       |             |
| 11 | Manufacturing Tolerance                                            |                                                                  |   | by:                   |             |
|    | a) if the spring force and the<br>spring length are specified      |                                                                  |   | L0 ○                  |             |
|    | b) if the spring force, the spring<br>length and L0 are specified  |                                                                  |   | n and<br>d ⊗          |             |
|    |                                                                    |                                                                  |   | n and<br>De, Di ○     |             |
|    | c) if two spring forces and<br>the spring lengths are<br>specified |                                                                  |   | L0, n and<br>d ○      |             |
|    |                                                                    |                                                                  |   | L0, n and<br>De, Di ○ |             |
| 12 | Springs to be supplied<br>not set may be longer<br>than L0         |                                                                  |   |                       |             |
|    | Set Test Springs !                                                 |                                                                  |   |                       |             |
|    | Supply remaining springs set ○<br>not set ○                        |                                                                  |   |                       |             |

|       |              |      |      |                                                                                     |      |         |  |  |  |
|-------|--------------|------|------|-------------------------------------------------------------------------------------|------|---------|--|--|--|
|       |              |      |      | Date                                                                                | Name | Feder   |  |  |  |
|       |              |      |      | Compl.                                                                              |      |         |  |  |  |
|       |              |      |      | Check                                                                               |      |         |  |  |  |
|       |              |      |      | Stand.                                                                              |      |         |  |  |  |
|       |              |      |      |  |      | D-32048 |  |  |  |
| Cond. | Modification | Date | Name | ZILLER Böhmenkirch                                                                  |      |         |  |  |  |