



Illustr.2. Spring ends lined up

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

|                                             |                                                                    |   |   |                 |             |
|---------------------------------------------|--------------------------------------------------------------------|---|---|-----------------|-------------|
| 10                                          | Permissible Deviations<br>according to EN 15800                    |   |   |                 | DIN<br>2096 |
|                                             | Quality Class                                                      |   |   |                 |             |
|                                             |                                                                    | 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.                                                                              |      |          |  |
|       |              |      |      |                    |  |      | RD-31006 |  |
| Cond. | Modification | Date | Name | ZILLER Böhmenkirch |                                                                                     |      |          |  |