



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 !                                 |                                                                    |                       |                       |                       |                                  |
| Supply remaining springs set <input type="radio"/> |                                                                    |                       |                       |                       |                                  |
| not set <input type="radio"/>                      |                                                                    |                       |                       |                       |                                  |

|       |              |      |      |                                                                                     |      |            |  |  |
|-------|--------------|------|------|-------------------------------------------------------------------------------------|------|------------|--|--|
|       |              |      |      | Date                                                                                | Name | Feder      |  |  |
|       |              |      |      | Compl.                                                                              |      |            |  |  |
|       |              |      |      | Check                                                                               |      |            |  |  |
|       |              |      |      | Stand.                                                                              |      |            |  |  |
|       |              |      |      |  |      | D-14024-04 |  |  |
| Cond. | Modification | Date | Name | ZILLER Böhmenkirch                                                                  |      |            |  |  |