



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 spring length are specified       |                       |                       | L0                                                             | <input type="radio"/> |
|                                                    |                                                                  |                       |                       | b) if the spring force, the spring length and L0 are specified |                       |
|                                                    | n and De, Di                                                     | <input type="radio"/> |                       |                                                                |                       |
|                                                    | c) if two spring forces and the spring lengths are specified     |                       |                       | L0, n and d                                                    | <input type="radio"/> |
|                                                    |                                                                  |                       |                       | L0, n and De, Di                                               | <input type="radio"/> |
| 12                                                 | Springs to be supplied not set may be longer than L0             |                       |                       |                                                                |                       |
| Set Test Springs !                                 |                                                                  |                       |                       |                                                                |                       |
| Supply remaining springs set <input type="radio"/> |                                                                  |                       |                       |                                                                |                       |
| not set <input type="radio"/>                      |                                                                  |                       |                       |                                                                |                       |

|       |              |      |      |                                                                                     |      |          |  |
|-------|--------------|------|------|-------------------------------------------------------------------------------------|------|----------|--|
|       |              |      |      | Date                                                                                | Name | Feder    |  |
|       |              |      |      | Compl.                                                                              |      |          |  |
|       |              |      |      | Check                                                                               |      |          |  |
|       |              |      |      | Stand.                                                                              |      |          |  |
|       |              |      |      |  |      | RD-63049 |  |
| Cond. | Modification | Date | Name | ZILLER Böhmenkirch                                                                  |      |          |  |