



(Spring Rate R = 0.07 N/mm
 (Wire Length L = 27.5 mm)
 (Coil Pitch P = mm)
 (Mass m = 0.681 g)

Illustr. 1. Spring ends lined up and ground

Illustr. 2. Spring ends lined up

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

| | | | |
|---|------------------------------|--|--|
| 1 | No. of Active Coils | n = 15.5 | |
| | Total No. of Coils | nt = 17.5 | |
| 2 | Direction of Coils | right <input checked="" type="checkbox"/> left <input type="checkbox"/> | |
| 3 | Deburring of Spring Ends | no <input checked="" type="checkbox"/> inside <input type="checkbox"/> outside <input type="checkbox"/> | |
| 4 | Working Path (Stroke) | | |
| 5 | Stress Cycle Frequency | | |
| 6 | Range of working temperature | 0 .. 80 °C | |
| 7 | Wire or Rod Surface | drawn <input checked="" type="checkbox"/> rolled <input type="checkbox"/> tipless grinding <input type="checkbox"/> spring shot-blasted with steel balls <input type="checkbox"/> | |
| 8 | Surface Protection: | | |
| 9 | Material: | 1.4310 | |

| | | | | | |
|----|--|--------------------------|--|-------------------------------------|--------------------------|
| 10 | Permissible Deviations according to EN 15800 Quality Class | | | | DIN 2096 |
| | | 1 | 2 | 3 | |
| | De, Di | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | L0 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | F1 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | F2 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | e1 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | e2 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | d | | | | |
| 11 | Manufacturing Tolerance | | by: | | |
| | a) if the spring force and the spring length are specified | | L0 | <input type="checkbox"/> | |
| | b) if the spring force, the spring length and L0 are specified | | n and d | <input checked="" type="checkbox"/> | |
| | | | n and De, Di | <input type="checkbox"/> | |
| | c) if two spring forces and the spring lengths are specified | | L0, n and d | <input type="checkbox"/> | |
| | | | L0, n and De, Di | <input type="checkbox"/> | |
| 12 | Set Test Springs ! | | Springs to be supplied not set may be longer than L0 | | |
| | Supply remaining springs set | | <input type="checkbox"/> | | |
| | not set | | <input type="checkbox"/> | | |

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

Feder

RD-05051-10