

|            |        |                                       |
|------------|--------|---------------------------------------|
| $\alpha$   | degree | Unstressed leg position               |
| $\alpha_1$ | degree | Prestressed rotational angle          |
| $\alpha_2$ | degree | Loaded rotational angle               |
| $\alpha h$ | degree | Excursion                             |
| $\alpha n$ | degree | Maximum rotational angle              |
| d          | mm     | Wire diameter                         |
| Ddmin      | mm     | Min. possible mandrel diameter        |
| Ddmax      | mm     | Max. possible mandrel diameter        |
| De         | mm     | Outer coil diameter                   |
| Di         | mm     | Inner coil diameter                   |
| F1         | N      | Prestressed spring force              |
| F2         | N      | Loaded spring force                   |
| Lk0        | mm     | Length of spring body when relaxed    |
| LS         | mm     | Length of leg                         |
| M1         | Nmm    | Prestressed torque                    |
| M2         | Nmm    | Loaded torque                         |
| Mn         | Nmm    | Maximum torque                        |
| n          | pc.    | Active coils                          |
| RH         | mm     | Distance power flow point from centre |
| St         | mm     | Distance between coils (pitch)        |
| Weight     | g      | Weight of one spring in grammes       |



| Grade | Di                                  | LK0                                 | LSH,LSR                             | $\alpha, \alpha 1, \alpha 2$        | M1,M2                               | Wire diameter<br>d to<br>DIN 2076 |
|-------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|
| 1     | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |                                   |
| 2     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                                   |
| 3     | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |                                   |

| 13 Production compensation                                    | through          |                                     |
|---------------------------------------------------------------|------------------|-------------------------------------|
| A spring torque and the associated swing angle                | $\alpha$         | <input checked="" type="checkbox"/> |
| A spring torque and the associated swing angle and $\alpha 0$ | n, d             | <input type="checkbox"/>            |
|                                                               | n, Di            | <input type="checkbox"/>            |
| Two spring resistances and the associated swing angle         | $\alpha$ , n, d  | <input type="checkbox"/>            |
|                                                               | $\alpha$ , n, Di | <input type="checkbox"/>            |

| Prices               |                      |
|----------------------|----------------------|
| Quantità progressive | Prezzo singolo [EUR] |
| 1                    | 5,2700 €             |
| 2                    | 3,7200 €             |
| 3                    | 3,5400 €             |
| 7                    | 2,5100 €             |
| 17                   | 1,2200 €             |
| 37                   | 0,9000 €             |
| 75                   | 0,7300 €             |
| 125                  | 0,5070 €             |
| 175                  | 0,4444 €             |
| 250                  | 0,4132 €             |
| 350                  | 0,3853 €             |
| 450                  | 0,3536 €             |

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