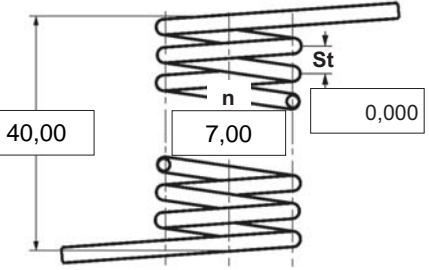


- α degree Unstressed leg position
- α1 degree Prestressed rotational angle
- α2 degree Loaded rotational angle
- αh degree Excursion
- αn degree Maximum rotational angle
- d mm Wire diameter
- Ddmin mm Min. possible mandrel diameter
- Ddmax mm Max. possible mandrel diameter
- De mm Outer coil diameter
- 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



Spring test acc. to DIN ISO 2859/1 test level II

1 Coiling direction

left  right

2 Form of legs

tangential, straight, no bends \*



\*We can also supply torsion springs with any form of leg for an extra charge.

3 Fixing

Recumbent leg Lever leg

4 Load

- in winding direction
- against winding direction

5 Excursion αh

                                degr.

6 Stress cyc. end. N

7 Stress cycle frequ. n

                                /

8 Application temp.

                                °C

9 Material

EN 10270-3-1.4310

10 Wire or rod surface

- drawn  rolled  metal-cut

11 Surface treatment

12 Tolerances to DIN 2194

Grade	Di	Lk0	LSH,LSR	α,α1,α2	M1,M2	Wire diameter d to DIN 2076
1	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

13 Production compensation

through

- A spring torque and the associated swing angle α
- A spring torque and the associated swing angle and α0 n, d
- n, Di
- Two spring resistances and the associated swing angle α, n, d
- α, n, Di

Prices

Stupnice množství	Jedn. cena [EUR]
1	6,4400 €
2	4,5400 €
3	4,3300 €
7	3,5700 €
17	2,3000 €
37	1,8300 €
75	1,7400 €

Remarks

Zem pvodu: DE | íslo celního sazebníku: 73202089