


- α degree Unstressed leg position
- $\alpha 1$ degree Prestressed rotational angle
- $\alpha 2$ 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	$\alpha, \alpha 1, \alpha 2$	M1, M2	Wire diameter d to 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"/>	<input checked="" type="checkbox"/>

13 Production compensation through

A spring torque and the associated swing angle	α	<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	α, n, d	<input type="checkbox"/>
	α, n, Di	<input type="checkbox"/>

Prices

Grupa ilociowa	Cena jednostkowa [EUR]
1	
2	6,3100 €
3	4,4500 €
7	4,2400 €
17	3,4500 €
37	2,2200 €
75	1,7500 €
	1,6000 €

Remarks

Kraj pochodzenia: DE | Numer taryfy celnej: 73202089