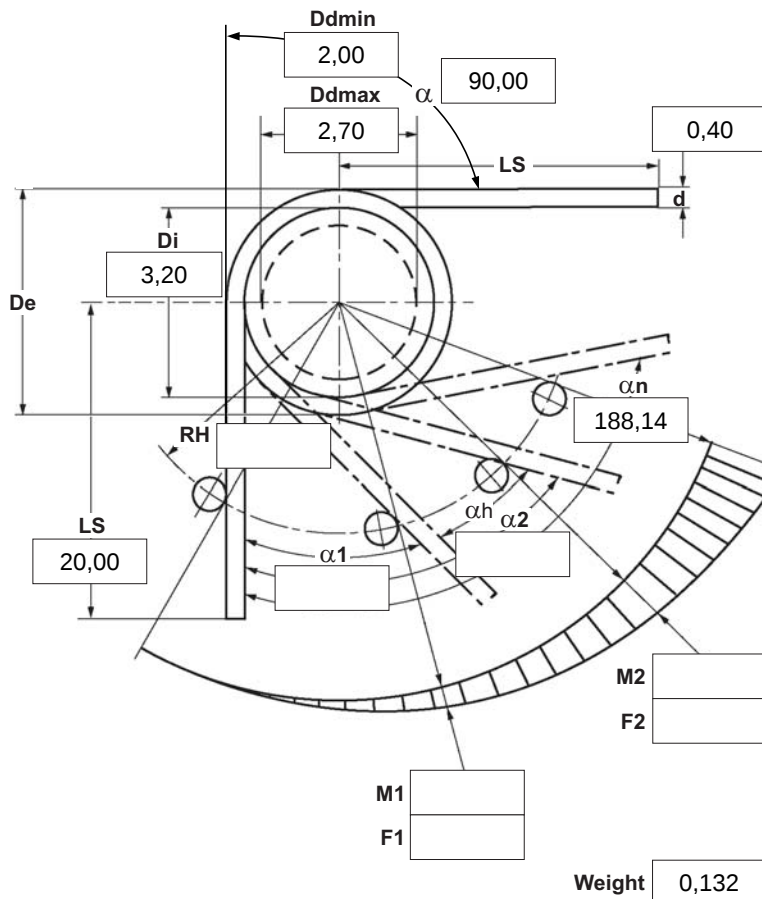


05.2025



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 α_h
 degr.
6 Stress cyc. end. N

7 Stress cycle frequ. n
 /
8 Application temp.
 °C
9 Material

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	☐	☐	☐	☐	☐	☐
2	☒	☒	☒	☒	☒	☒
3	☐	☐	☐	☐	☐	☒

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	5,1600 €
2	3,6400 €
3	3,4700 €
7	2,4200 €
17	1,1500 €
37	0,8500 €
75	0,6800 €
125	0,4859 €
175	0,4196 €
250	0,3695 €
350	0,3536 €
450	0,3284 €

Remarks

Zem pvodu: DE | íslo celného sazebníku: 73202089