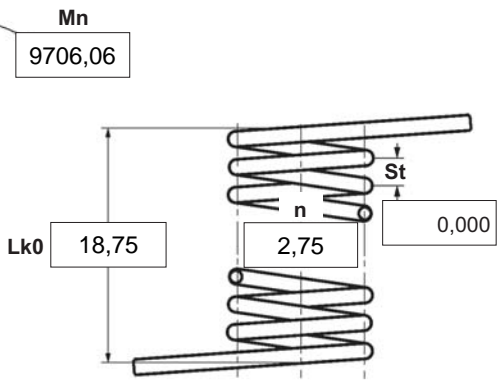



α	degree	Unstressed leg position
$\alpha 1$	degree	Prestressed rotational angle
$\alpha 2$	degree	Loaded rotational angle
αh	degree	Excursion
αn	degree	Maximum rotational angle
d	mm	Wire diameter
$Ddmin$	mm	Min. possible mandrel diameter
$Ddmax$	mm	Max. possible mandrel diameter
De	mm	Outer coil diameter
Di	mm	Inner coil diameter
$F 1$	N	Prestressed spring force
$F 2$	N	Loaded spring force
$Lk 0$	mm	Length of spring body when relaxed
LS	mm	Length of leg
$M 1$	Nmm	Prestressed torque
$M 2$	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



Weight 80,059

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"/>	<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	<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	6,4400 €
2	4,5400 €
3	4,3300 €
7	3,5700 €
17	2,3000 €
37	1,8300 €
75	1,7400 €

Remarks
 Kraj pochodzenia: DE | Numer taryfy celnej: 73202089