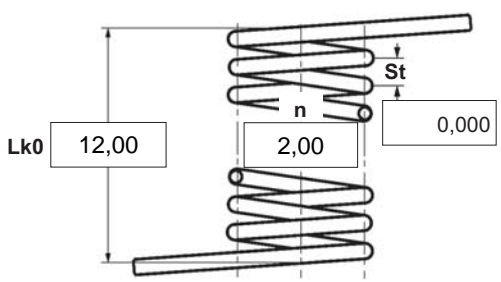



α degree Unstressed leg position
 $\alpha 1$ degree Prestressed rotational angle
 $\alpha 2$ degree Loaded rotational angle
 αh degree Excursion
 αn degree Maximum rotational angle
 d mm Wire diameter
 $Ddmin$ mm Min. possible mandrel diameter
 $Ddmax$ mm Max. possible mandrel diameter
 De mm Outer coil 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



Weight 37,441

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

1 Coiling direction <input type="checkbox"/> left <input checked="" type="checkbox"/> right	5 Excursion αh [] degr.
2 Form of legs tangential, straight, no bends *  *We can also supply torsion springs with any form of leg for an extra charge.	6 Stress cyc. end. N []
3 Fixing Recumbent leg <input type="checkbox"/> Lever leg <input type="checkbox"/>	7 Stress cycle frequ. n [] / []
4 Load <input type="checkbox"/> in winding direction <input type="checkbox"/> against winding direction	8 Application temp. [] °C
9 Material EN 10270-3-1.4310	
10 Wire or rod surface <input checked="" type="checkbox"/> drawn <input type="checkbox"/> rolled <input type="checkbox"/> 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		
Cantidad progresiva	Precio unidad [EUR]	
1	6,3100	€
2	4,4500	€
3	4,2400	€
7	3,4500	€
17	2,2200	€
37	1,7500	€
75	1,6000	€

Remarks

País de origen: DE | Número de arancel aduanero: 73202089