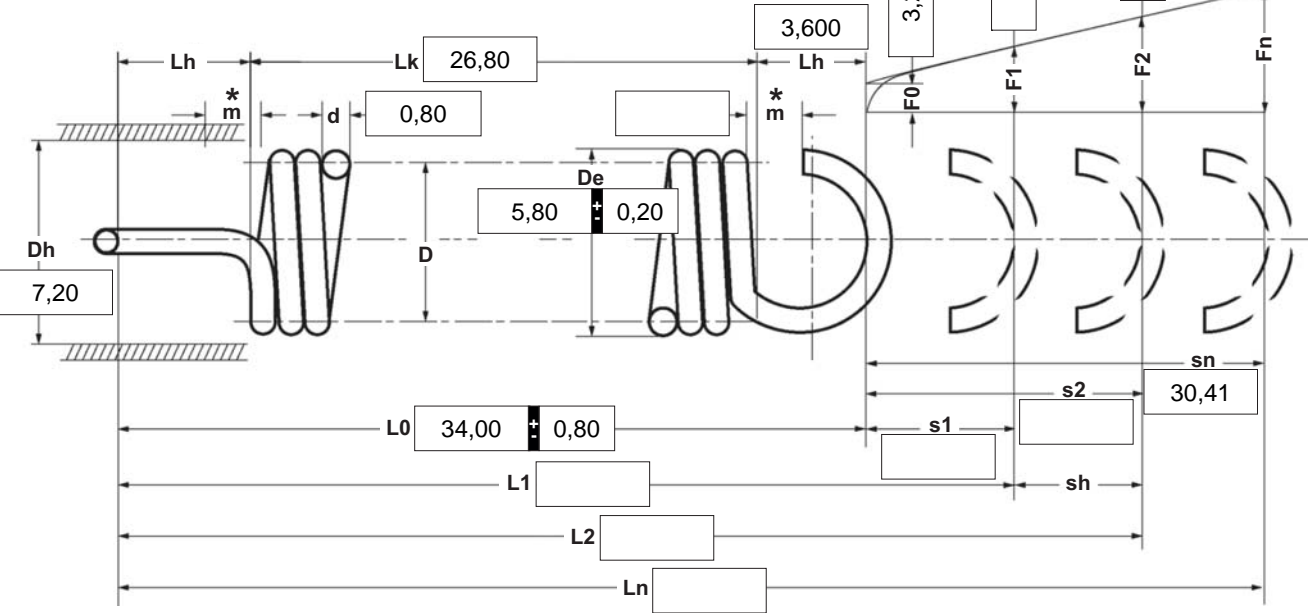


d mm	Wire diameter	L1 mm	Prestressed spring length
D mm	Mean coil diameter	L2 mm	Loaded spring length
De mm	Outer coil diameter	Ln mm	Maximum spring length
Dh mm	Minimum diameter of bush	m mm	Loop opening width
F0 N	Initial tension	n pc.	Number of active coils
F1 N	Prestressed spring force	nt pc.	Total number of coils
F2 N	Loaded spring force	s1 mm	Prestressed spring deflection
Fn N	Maximum spring force	s2 mm	Loaded spring deflection
Lh mm	Loop height	sn mm	Maximum spring deflection
Lk mm	Length of unstressed spring body	sh mm	Excursion
L0 mm	Unstressed spring length	R N/mm	Spring rate

Weight g Weight of one spring

*Loops are stocked without openings (m = 0,00). However it is possible to have an opening cut into the loop at an extra cost, without causing any delay.



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

1 Coiling direction <input type="checkbox"/> left <input checked="" type="checkbox"/> right		4 Stress cyc. end. N <input type="text"/>		10 Tolerances to DIN 2097																											
2 Loop shape and loop position Loop shape: 1/1 German loop Loops offset to one another by <input type="text"/> 180,0 <input type="text"/> 31,0 degrees (in the dir. of the right helix)		5 Stress cycle frequ. n <input type="text"/> / <input type="text"/>		<table border="1"> <thead> <tr> <th>Grade</th> <th>De,Di,D</th> <th>L0</th> <th>F0-Fn</th> <th>Loops</th> <th>Wire diameter d to DIN 2076</th> </tr> </thead> <tbody> <tr> <td>1</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>2</td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>3</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> </tbody> </table>		Grade	De,Di,D	L0	F0-Fn	Loops	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 checked="" type="checkbox"/>		
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3 Excursion sh <input type="text"/> mm		6 Application temp. <input type="text"/> °C		11 Production compensation through																											
7 Material EN 10270-1		8 Wire or rod surface <input checked="" type="checkbox"/> drawn <input type="checkbox"/> rolled <input type="checkbox"/> metal-cut		<table border="1"> <tr> <td>A spring resistance, associated length of tensed spring and L0</td> <td>F0, D</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>A spring resistance, associated length of tensed spring and F0</td> <td>L0, n, d</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>L0, D</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Two spring resistances and associated length of tensed spring</td> <td>L0, n, d</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>F0,D</td> <td><input type="checkbox"/></td> </tr> </table>		A spring resistance, associated length of tensed spring and L0	F0, D	<input checked="" type="checkbox"/>	A spring resistance, associated length of tensed spring and F0	L0, n, d	<input type="checkbox"/>		L0, D	<input type="checkbox"/>	Two spring resistances and associated length of tensed spring	L0, n, d	<input type="checkbox"/>		F0,D	<input type="checkbox"/>											
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