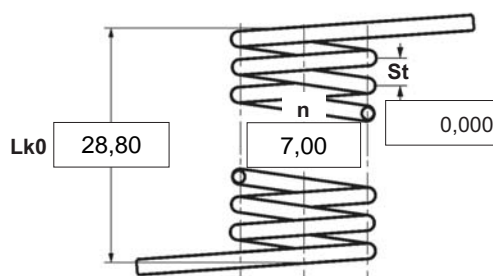


α	degree	Unstressed leg position
$\alpha 1$	degree	Prestressed rotational angle
$\alpha 2$	degree	Loaded rotational angle
αh	degree	Excursion
αn	degree	Maximum rotational angle
d	mm	Wire diameter
$Ddmin$	mm	Min. possible mandrel diameter
$Ddmax$	mm	Max. possible mandrel diameter
De	mm	Outer coil diameter
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 <input checked="" type="checkbox"/> left <input type="checkbox"/> right	5 Excursion αh <input type="text"/> degr.																												
		6 Stress cyc. end. N <input type="text"/>																											
2 Form of legs tangential, straight, no bends * <input type="checkbox"/>	7 Stress cycle frequ. n <input type="text"/> / <input type="text"/>																												
		3 Fixing Recumbent leg <input type="checkbox"/> Lever leg <input type="checkbox"/>	8 Application temp. <input type="text"/> °C																										
4 Load <input type="checkbox"/> in winding direction <input type="checkbox"/> against winding direction	9 Material EN 10270-3-1.4310																												
		Remarks Zem pvodu: DE íslo celního sazebníku: 73202089	10 Wire or rod surface <input checked="" type="checkbox"/> drawn <input type="checkbox"/> rolled <input type="checkbox"/> metal-cut																										
11 Surface treatment <input type="text"/>	12 Tolerances to DIN 2194 <table border="1"> <thead> <tr> <th>Grade</th> <th>Di</th> <th>Lk0</th> <th>LSH,LSR</th> <th>$\alpha, \alpha 1, \alpha 2$</th> <th>M1, M2</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> <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> <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 type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> </tbody> </table>			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 checked="" type="checkbox"/>	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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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 A spring torque and the associated swing angle and $\alpha 0$ Two spring resistances and the associated swing angle	α	<input checked="" type="checkbox"/>
	n, d	<input type="checkbox"/>
	n, Di	<input type="checkbox"/>
	α, n, d	<input type="checkbox"/>
Prices		
Stupnice množství	Jedn. cena [EUR]	
1	5,5300 €	
2	3,9000 €	
3	3,7100 €	
7	2,9000 €	
17	1,4300 €	
37	1,1000 €	
75	0,9400 €	
125	0,6511 €	
175	0,6135 €	
250	0,5760 €	
350	0,5306 €	
450	0,4927 €	