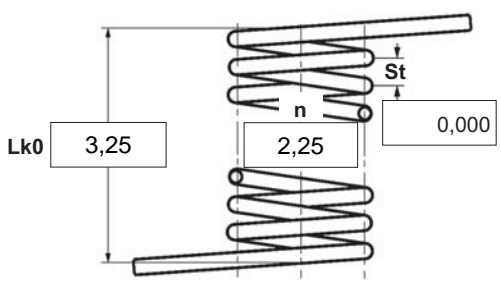


- α degree Unstressed leg position
- $\alpha 1$ degree Prestressed rotational angle
- $\alpha 2$ degree Loaded rotational angle
- αh degree Excursion
- αn degree Maximum rotational angle
- d mm Wire diameter
- $Ddmin$ mm Min. possible mandrel diameter
- $Ddmax$ mm Max. possible mandrel diameter
- De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

<p>1 Coiling direction</p> <p><input type="checkbox"/> left <input checked="" type="checkbox"/> right</p>	<p>5 Excursion αh <input type="text"/> degr.</p>
<p>2 Form of legs</p> <p>tangential, straight, no bends *</p> <p><small>*We can also supply torsion springs with any form of leg for an extra charge.</small></p>	<p>6 Stress cyc. end. N <input type="text"/></p>
<p>3 Fixing</p> <p>Recumbent leg <input type="checkbox"/> Lever leg <input type="checkbox"/></p>	<p>7 Stress cycle frequ. n <input type="text"/> /</p>
<p>4 Load</p> <p><input type="checkbox"/> in winding direction <input type="checkbox"/> against winding direction</p>	<p>8 Application temp. <input type="text"/> °C</p>
<p>Remarks</p> <p>Country of origin: DE Customs tariff number: 73202089</p>	<p>9 Material</p> <p>EN 10270-3-1.4310</p>
	<p>10 Wire or rod surface</p> <p><input checked="" type="checkbox"/> drawn <input type="checkbox"/> rolled <input type="checkbox"/> metal-cut</p>
	<p>11 Surface treatment</p> <p><input type="text"/></p>

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

Quantity scale	Single price [EUR]
1	5,1100 €
2	3,6000 €
3	3,4300 €
7	2,2200 €
17	1,1200 €
37	0,7400 €
75	0,5500 €
125	0,4570 €
175	0,4069 €
250	0,3567 €
350	0,3095 €
450	0,2652 €