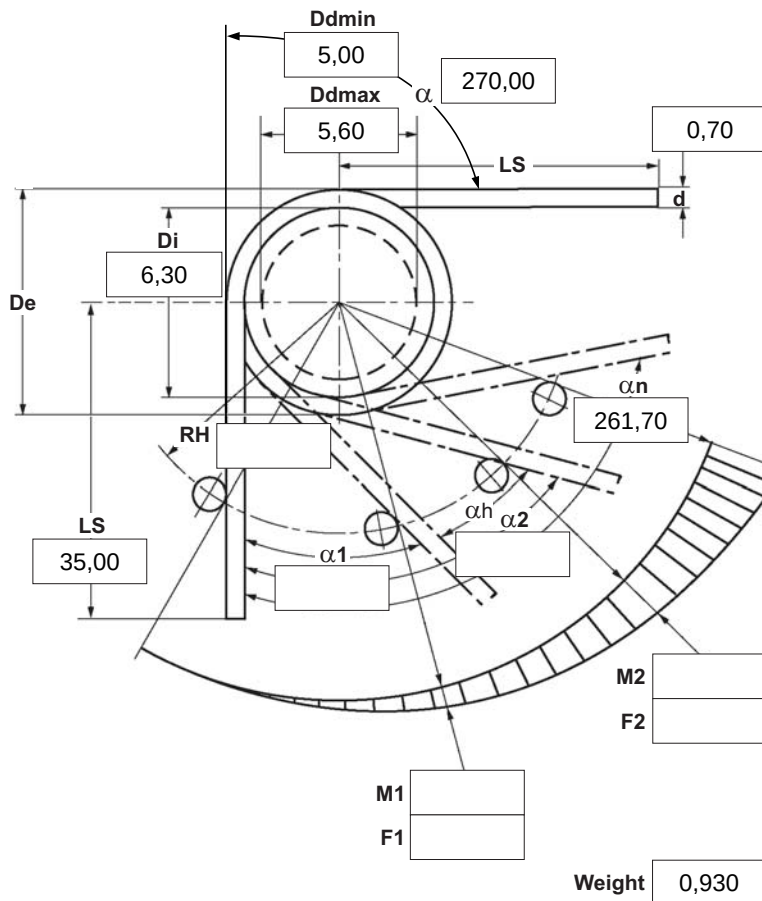
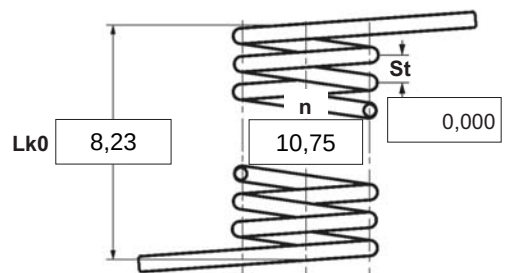




- | | | |
|------------|--------|---------------------------------------|
| α | degree | Unstressed leg position |
| α_1 | degree | Prestressed rotational angle |
| α_2 | degree | Loaded rotational angle |
| αh | degree | Excursion |
| αn | degree | Maximum rotational angle |
| d | mm | Wire diameter |
| 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 ☒  left ☐  right	5 Excursion <u>a_h</u> degr.	12 Tolerances to DIN 2194 <table border="1" style="width: 100%; border-collapse: collapse;"> <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>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> <td rowspan="3" style="text-align: center; vertical-align: middle;"> Wire diameter d to DIN 2076 ☒ </td> </tr> <tr> <td>2</td> <td>☒</td> <td>☒</td> <td>☒</td> <td>☒</td> <td>☒</td> </tr> <tr> <td>3</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> </tr> </tbody> </table>		Grade	Di	Lk0	LSH,LSR	$\alpha, \alpha 1, \alpha 2$	M1,M2	Wire diameter d to DIN 2076	1	☐	☐	☐	☐	☐	Wire diameter d to DIN 2076 ☒	2	☒	☒	☒	☒	☒	3	☐	☐	☐	☐	☐
Grade	Di	Lk0	LSH,LSR	$\alpha, \alpha 1, \alpha 2$	M1,M2	Wire diameter d to DIN 2076																							
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2	☒	☒	☒	☒	☒																								
3	☐	☐	☐	☐	☐																								
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	13 Production compensation through <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 80%;">A spring torque and the associated swing angle</td> <td style="width: 20%; text-align: center;"> α ☒ </td> </tr> <tr> <td>A spring torque and the associated swing angle and $\alpha 0$</td> <td> n, d ☐ n, Di ☐ </td> </tr> <tr> <td>Two spring resistances and the associated swing angle</td> <td> α, n, d ☐ α, n, Di ☐ </td> </tr> </tbody> </table>		A spring torque and the associated swing angle	α ☒	A spring torque and the associated swing angle and $\alpha 0$	n, d ☐ n, Di ☐	Two spring resistances and the associated swing angle	α, n, d ☐ α, n, Di ☐																				
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3 Fixing Recumbent leg Lever leg	7 Stress cycle frequ. n /	Prices <table style="width: 100%;"> <tr> <td style="width: 50%;">Desconto por quantidade</td> <td style="width: 50%;">Preço individual</td> </tr> <tr> <td>1</td> <td>[EUR]</td> </tr> <tr> <td>2</td> <td>5,1100 €</td> </tr> <tr> <td>3</td> <td>3,6000 €</td> </tr> </table>		Desconto por quantidade	Preço individual	1	[EUR]	2	5,1100 €	3	3,6000 €																		
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4 Load ☐ in winding direction ☐ against winding direction	8 Application temp. °C	11 Surface treatment 																											
9 Material 	10 Wire or rod surface ☒ drawn ☐ rolled ☐ metal-cut																												

Remarks

País de origem: DE | Número de tarifa alfandegária: 73202089

Prices

Desconto por quantidade	Preço individual [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 €