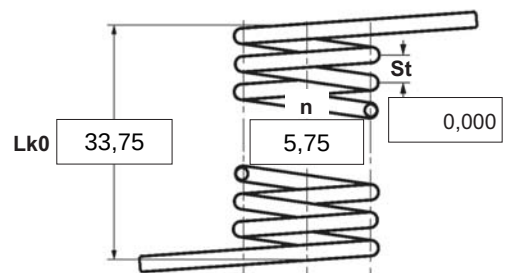


α	degree	Unstressed leg position
α_1	degree	Prestressed rotational angle
α_2	degree	Loaded rotational angle
α_h	degree	Excursion
α_n	degree	Maximum rotational angle
d	mm	Wire diameter
Ddmin	mm	Min. possible mandrel diameter
Ddmax	mm	Max. possible mandrel diameter
De	mm	Outer coil diameter
Di	mm	Inner 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



1 Coiling direction ☐ left ☒ right	5 Excursion <u>a</u> h degr.	12 Tolerances to DIN 2194 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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> <tr> <td>1</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> <td></td> </tr> <tr> <td>2</td> <td>☒</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> <td>☒</td> </tr> </table>	Grade	Di	Lk0	LSH,LSR	$\alpha, \alpha 1, \alpha 2$	M1,M2	Wire diameter d to DIN 2076	1	☐	☐	☐	☐	☐		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																													
3 Fixing Recumbent leg Lever leg 	7 Stress cycle frequ. n /																													
4 Load ☐ in winding direction ☐ against winding direction	8 Application temp. °C	13 Production compensation through <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">A spring torque and the associated swing angle</td> <td style="width: 100px; padding: 5px;">α ☒</td> </tr> <tr> <td style="padding: 5px;">A spring torque and the associated swing angle and $\alpha 0$</td> <td style="padding: 5px;">n, d ☐</td> </tr> <tr> <td style="padding: 5px;"></td> <td style="padding: 5px;">n, Di ☐</td> </tr> <tr> <td style="padding: 5px;">Two spring resistances and the associated swing angle</td> <td style="padding: 5px;">α, n, d ☐</td> </tr> <tr> <td style="padding: 5px;"></td> <td style="padding: 5px;">α, n, Di ☐</td> </tr> </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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9 Material 	10 Wire or rod surface ☒ drawn ☐ rolled ☐ metal-cut																													
11 Surface treatment 	Prices <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: right;">Desconto por quantidade</td> <td style="width: 50%; text-align: left;">Preço individual</td> </tr> <tr> <td style="text-align: right;">1</td> <td style="text-align: left;">[EUR]</td> </tr> <tr> <td style="text-align: right;">2</td> <td style="text-align: left;">6,4400 €</td> </tr> <tr> <td style="text-align: right;">3</td> <td style="text-align: left;">4,5100 €</td> </tr> </table>	Desconto por quantidade	Preço individual	1	[EUR]	2	6,4400 €	3	4,5100 €																					
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País de origem: DE | Número de tarifa alfandegária: 73202089

Desconto por quantidade	Preço individual [EUR]
1	6,4400 €
2	4,5400 €
3	4,3300 €
7	3,5700 €
17	2,3000 €
37	1,8300 €
75	1,7400 €