

07.2025

Symbol	Unit	Description	Value
F_n	N	Maximum spring force	78,31
L_h	mm	Loop height	10,00
L_k	mm	Length of unstressed spring body	46,00
L_0	mm	Unstressed spring length	66,00
s_2	mm	Loaded spring deflection	1,80
s_n	mm	Maximum spring deflection	94,23
sh	mm	Excursion	1,60
R	N/mm	Spring rate	5,81

Technical drawing of a spring assembly showing dimensions and forces. The drawing includes a side view of the spring with dimensions L_h , L_k , L_0 , L_1 , L_2 , L_n , D_h , d , D_e , and a force diagram showing forces F_0 , F_1 , F_2 , F_n and deflections s_1 , s_2 , s_n . A table of values is provided above the drawing.

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

1 Coiling direction ☐ left ☒ right	4 Stress cyc. end. <u>n</u>	10 Tolerances to DIN 2097 <table border="1" style="width: 100%; border-collapse: collapse;"> <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>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> <td></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	De,Di,D	L0	F0-Fn	Loops	Wire diameter d to DIN 2076	1	☐	☐	☐	☐		2	☒	☒	☒	☒		3	☐	☐	☐	☐	☒
Grade	De,Di,D	L0	F0-Fn	Loops	Wire diameter d to DIN 2076																					
1	☐	☐	☐	☐																						
2	☒	☒	☒	☒																						
3	☐	☐	☐	☐	☒																					
2 Loop shape and loop position Loop shape 1/1 German loop Loops offset to one another by 270,0 + 32,0 degrees (in the dir. of the right helix)	5 Stress cycle frequ. <u>n</u> /	6 Application temp. °C																								
3 Excursion sh mm	7 Material 1.4310	11 Production compensation through <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>A spring resistance, associated length of tensed spring and L0</td> <td>F0, D ☒</td> </tr> <tr> <td>A spring resistance, associated length of tensed spring and F0</td> <td>L0, n, d ☐ L0, D ☐</td> </tr> <tr> <td>Two spring resistances and associated length of tensed spring</td> <td>L0, n, d ☐ F0,D ☐</td> </tr> </tbody> </table>	A spring resistance, associated length of tensed spring and L0	F0, D ☒	A spring resistance, associated length of tensed spring and F0	L0, n, d ☐ L0, D ☐	Two spring resistances and associated length of tensed spring	L0, n, d ☐ F0,D ☐																		
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8 Wire or rod surface ☒ drawn ☐ rolled ☐ metal-cut	9 Surface treatment 	Prices Mennyiségi lépcső / db Egységár (EUR)																								

Remarks

Származási ország: DE | Vámtarifaszám: 73202085

11	Production compensation	through
A spring resistance, associated length of tensed spring and L0	F0, D	☒
A spring resistance, associated length of tensed spring and F0	L0, n, d	☐
	L0, D	☐
Two spring resistances and associated length of tensed spring	L0, n, d	☐
	F0, D	☐

Prices

Mennyiségi lépcső	Egységár (EUR)
1	6,5600 €
2	4,1300 €
3	2,9300 €
7	2,5000 €
17	1,2300 €
37	0,9300 €
75	0,7600 €
125	0,7108 €
175	0,6967 €
250	0,6533 €
350	0,6276 €
450	0,5960 €