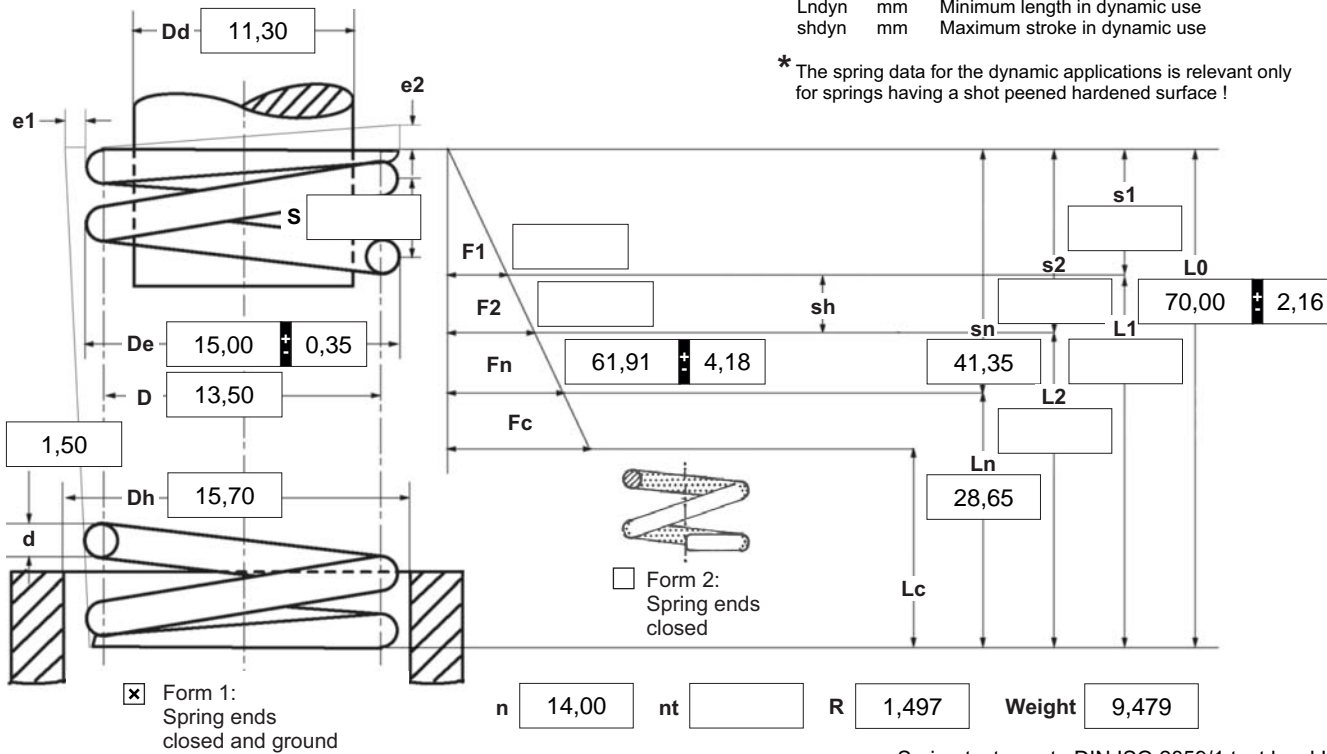


d mm	Wire diameter	Fn N	Maximum force in static use	nt	pc.	Total coils	
D mm	Mean coil diameter	Fc N	Theoretic maximum force at Lc	R	N/mm	Spring rate	
Dd mm	Diameter of mandrel	L0 mm	Length of unstressed spring	S	mm	Pitch (distance between coils)	
De mm	Outer coil diameter	L1 mm	Prestressed spring length	s1	mm	Prestressed spring deflection	
Dh mm	Diameter of bush	L2 mm	Loaded spring length	s2	mm	Loaded spring deflection	
e1 mm	Perm.dev. perpendicular line	Lk mm	Buckling length	sh	mm	Maximum stroke in static use	
e2 mm	Perm.dev. parallel line	Ln mm	Minimum length in static use	sn	mm	Maximum spring deflection in static use	
F1 N	Prestressed spring force	Lc mm	Block length	Weight	g	Weight of one spring in grammes	
F2 N	Loaded spring force	n pc.	Active coils	Fndyn	N	Maximum force in dynamic force	
				Fndtol	N	(+/-) tolerance of maximum dynamic force	
				Lndyn	mm	Minimum length in dynamic use	
				shdyn	mm	Maximum stroke in dynamic use	



1 Coiling direction
 left right

2 Dynamic load *
 Fndyn 58,42
 Fndtol 4,13
 Lndyn 30,98
 shdyn 28,77

3 Excursion sh _____ mm

4 Stress cyc. end. N _____

5 Stress cycle frequ. n _____ /

6 Application temp. _____ °C

7 Guidance and seat to DIN EN 13906-1
 mandrel bush
 Buckling length **Lk** at
 v=0,5 / Bild 5 18,08 mm

8 Material
 EN 10270-1

9 Wire or rod surface
 drawn rolled metal-cut

10 Springs deburred inside outside

11 Surface treatment shot peened

12 Tolerances to DIN EN 15800

Grade	De,Di,D	L0	F1,F2	e1,e2	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 checked="" type="checkbox"/>

13 Prouction compensation through
 A spring resistance and associated length of tensed spring L0
 A spring resistance, associated length of tensed spring and L0 n, d
 n, De, Di
 Two spring resistances and associated lengths of tensed spring L0, n, d
 L0,n,De,Di

14 Setting springs
 All springs which show setting tendency because of their size are pre-set within the production process.

Prices

Grupa ilociowa	Cena jednostkowa [EUR]
1	
2	4,9400 €
3	3,4800 €
7	3,3200 €
17	1,9900 €
37	1,0000 €
75	0,6100 €
125	0,4600 €
175	0,3945 €
250	0,3631 €
350	0,3193 €
450	0,2780 €
	0,2212 €

Remarks
 Kraj pochodzenia: DE | Numer taryfy celnej: 73202081