



Illustr.1. Spring ends lined up and ground
 Illustr.2. Spring ends lined up
 Illustr.3. Spring ends lined up, forged and ground

1	No. of Active Coils	n = 6.0
	Total No. of Coils	nt = 11.5
2	Direction of Coils	right <input type="checkbox"/> left <input type="checkbox"/>
3	Burring of Spring Ends	no <input type="checkbox"/> inside <input type="checkbox"/> outside <input type="checkbox"/>
4	Working Path (Stroke)	h = 36 mm
5	Stress Cycle Frequency	n = 10/s
6	Range of Working Temp. from	0 to 100 degrees C
7	Wire or Rod Surface	drawn <input checked="" type="checkbox"/> rolled <input type="checkbox"/> tipless grinding <input type="checkbox"/> spring shot-blasted with steel balls <input type="checkbox"/>
8	Surface Protection:	
9	Material: EN 10270-1 SH spring steel wire pat.drawn (DIN 17223-1 Type C)	
	Permissible Shearing Strain	$\tau_{perm} = 1322 \text{ N/mm}^2$
	Calc. Basis of Shear Modulus	$G = 82000 \text{ N/mm}^2$

10	Permissible Deviations according to DIN 2095 Quality Class				acc. to DIN 2096	
		1	2	3		
		De, Di, (Dm)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		L0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		F1 to Fn	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	e1, e2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Wire or Rod Diameter d	depending on semifinished goods used acc. to DIN 2076 <input checked="" type="checkbox"/> acc. to DIN 2077 <input type="checkbox"/>			<input type="checkbox"/>	
11	Manufacturing Tolerance	by:				
	a) if the spring force and the spring length are specified	L0			<input type="checkbox"/>	
	b) if the spring force, the spring length and L0 are specified	n and d			<input type="checkbox"/>	
		n and De, Di, (Dm)			<input type="checkbox"/>	
	c) if two spring forces and the spring lengths are specified	L0, n and d			<input type="checkbox"/>	
		L0, n and De, Di, (Dm)			<input type="checkbox"/>	
12	Setting Length	$L_s = 28.50 \text{ mm}$	Springs to be supplied not set may be longer than L0			
	Set Test Springs !					
	Supply remaining springs set	<input type="checkbox"/>	not set <input type="checkbox"/>			

13 Additional Information:

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