



(Spring Rate R 0.52 N/mm  
 (Wire Length L 6.9 mm)  
 (Coil Pitch P mm)  
 (Mass m 0.085 g)

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 = 3.5
	Total No. of Coils	nt = 5.5
2	Direction of Coils	right <input checked="" type="radio"/> left <input type="radio"/>
3	Deburring of Spring Ends	no <input checked="" type="radio"/> inside <input type="radio"/> outside <input type="radio"/>
4	Working Path (Stroke)	
5	Stress Cycle Frequency	
6	Range of working temperature	0 .. 80 °C
7	Wire or Rod Surface	drawn <input checked="" type="radio"/> rolled <input type="radio"/> tipless grinding <input type="radio"/> spring shot-blasted with steel balls <input type="radio"/>
8	Surface Protection:	
9	Material:	1.4310

10	Permissible Deviations according to EN 15800 Quality Class				DIN 2096
		1	2	3	
	De, Di	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	L0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	F1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	F2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	e1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	e2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	d				
11	Manufacturing Tolerance			by:	
	a) if the spring force and the spring length are specified			L0	<input type="radio"/>
	b) if the spring force, the spring length and L0 are specified			n and d	<input checked="" type="radio"/>
				n and De, Di	<input type="radio"/>
	c) if two spring forces and the spring lengths are specified			L0, n and d	<input type="radio"/>
				L0, n and De, Di	<input type="radio"/>
12	Set Test Springs ! Supply remaining springs set <input type="radio"/> not set <input type="radio"/>				
	Springs to be supplied not set may be longer than L0				

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				Date	Name
				Compl.	
				Check	
				Stand.	
Cond.	Modification	Date	Name	ZILLER Böhmenkirch	

Feder

RD-04037

