e1=
2.5
e2=
d = 0.32
De= 3.52
(Dm = 3.2)
(Di =2.88)
L0 =
Ln =3.36
(Lc =)
3.9

Fn = 3.14   Tau n =
Fc =   Tau c =

(Spring Rate   R = 0.52   N/mm
(Wire Length   L = 7.5   mm)
(Coil Pitch   P =   mm)
(Mass   m = 0.048 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 = 5.5
	Total No. of Coils	nt = 7.5

2	Direction of Coils	right ⊗
		left ○

3	Deburring of Spring Ends	no ⊗
		inside ○
		outside ○

4	Working Path (Stroke)	

5	Stress Cycle Frequency	

6	Range of working temperature	0 .. 80 °C

7	Wire or Rod Surface	drawn ⊗
		rolled ○
		tipless grinding ○
		spring shot-blasted with steel balls ○

8	Surface Protection:	

9	Material: 1.4310	

10 Permissible Deviations according to EN 15800 Quality Class

	1	2	3	DIN 2096
De, Di	○	○	○	○
L0	○	○	○	○
F1	○	○	○	○
F2	○	○	○	○
e1	○	○	○	○
e2	○	○	○	○
d				

11 Manufacturing Tolerance — by:

a) if the spring force and the spring length are specified	L0	○
b) if the spring force, the spring length and L0 are specified	n and d	⊗
	n and De, Di	○
c) if two spring forces and the spring lengths are specified	L0, n and d	○
	L0, n and De, Di	○

12 Set Test Springs !
Supply remaining springs set ○
not set ○

Springs to be supplied not set may be longer than L0

		Date	Name	
	Compl.			**Feder**
	Check			
	Stand.			

ZILLER PRÄZISIONSFEDERN

RD-03217

Cond.	Modification	Date	Name	ZILLER Böhmenkirch