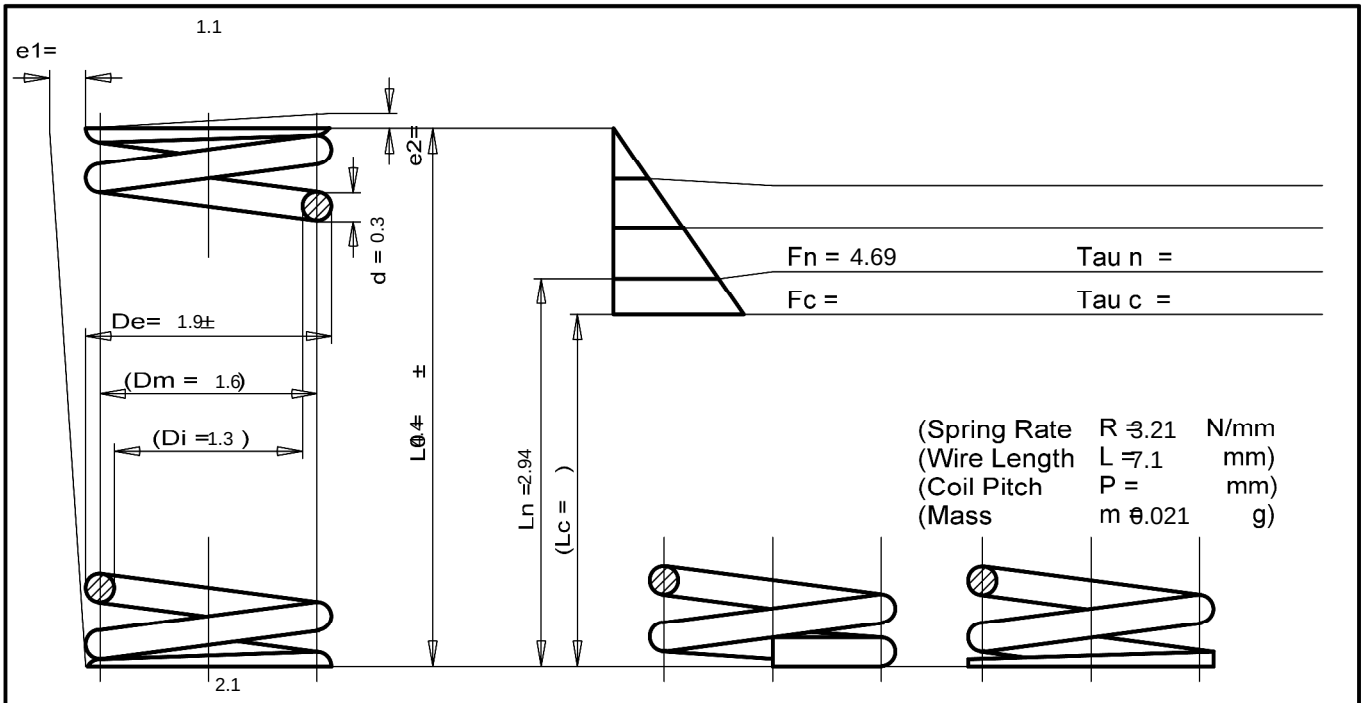
HEXAGON FED1+ Druckfederberechnung nach EN 13906-1 V31.0



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 / DIN 2096

	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

Cond.	Modification	Date	Name

	Date	Name
Compl.		
Check		
Stand.		

ZILLER PRÄZISIONSFEDERN

ZILLER Böhmenkirch

Feder

RD-03002