

PLANAR SPRINGS

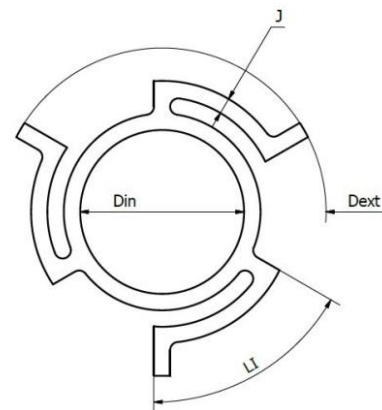


Assembly example

Phi Drive has developed a new line of low-volume planar springs.

The Phi Drive springs have been designed for the preloading of small bearings and other similar systems.

Dimensioned using FEM calculation tools, these springs can be easily customized to meet our client needs.



CODE	Din (mm)	Dext (mm)	S (mm)	J (mm)	LI (deg)	K (N/mm)	Cy (N)	Ey (mm)	Cu (N)	Eu (mm)
D08.18C08E10	8	18	0.8	1	60	80	8	0.1	17	0.24
D08.20C07E12	8	20	0.8	1	60	58.3	7	0.12	15	0.27
D08.22C06E15	8	22	0.8	1	60	40	6	0.15	13	0.32
D11.21C08E13	11	21	0.8	1.2	60	61.5	8	0.13	16	0.26
D11.23C07E16	11	23	0.8	1.2	60	43.8	7	0.16	15	0.33
D11.15C06E19	11	25	0.8	1.2	60	31.6	6	0.19	14	0.41
D13.24C08E16	13	24	0.8	1.4	60	44.4	8	0.18	16	0.35
D13.26C07E20	13	26	0.8	1.4	60	35.0	7	0.2	15	0.42
D13.28C06E23	13	28	0.8	1.4	60	26.1	6	0.23	14	0.5
D17.28C08E20	17	28	1.0	1.2	60	40.0	8	0.2	16.0	0.4
D17.31C07E25	17	31	1.0	1.2	60	28.0	7	0.25	15.0	0.53
D17.34C06E21	17	34	1.0	1.2	60	19.4	6	0.31	14	0.7

LEGENDA

K: Axial stiffness
Cy: Yield Load

Ey: Yield Elongation
Cu: Ultimate Load

Eu: Ultimate Elongation
S: Width