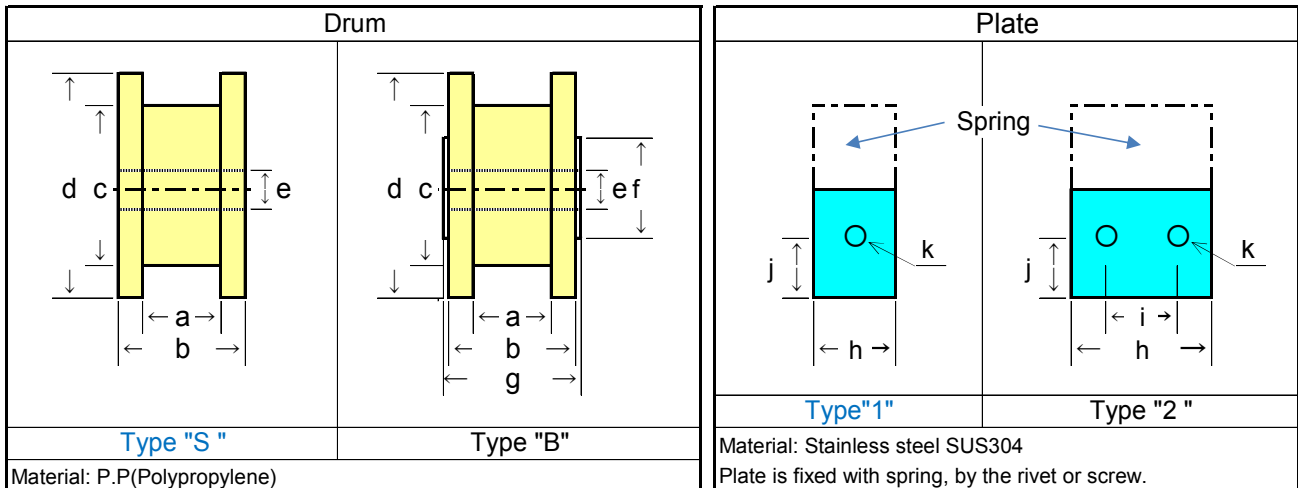


"COPRING" standard model

Osaka Heat-Treatment Co.,Ltd



Standard model No.	Load		Max.stroke length (mm)	Life (Cycle)	Spring dimension(mm) (T) x (W) x (L)	Attachment												
	(kgf)	(N)				Drum dimension (mm)					Plate dimension(mm)							
						Type	a	d	φc	φd	φe	φf	g	Type	h	i	j	φk
1	0.05	0.49	500	250,000	0.1x8x630	S	8.5	12.5	22	28	4.1	-	-	1	8	-	5	3.2
2	0.1	0.98		80,000	0.12x8x630													
3	0.2	1.96		40,000	0.15x8x630													
4	0.4	3.92		20,000	0.18x8x630													
5	0.6	5.88		13,000	0.2x8x630													
6	1.0	9.81	500	12,000	0.25x13x660	S	14	18	26	31	6.1	-	-	1	13	-	5	3.2
6-1	1.2	11.8		10,000														
7	1.4	13.7		10,000														
8	1.7	16.7	1,000	22,000	0.25x25x1200	B	25.5	27.5	33	40	6.1	11	31.5	1	25	-	6	4.2
9	2.0	19.6		13,000	0.3x25x1200													
10	2.5	24.5		11,000	0.35x25x1200													
11	3.0	29.4		10,000														
12	3.5	34.3	1,000	15,000	0.35x40x1250	B	40.5	45.5	40	50	8.1	16	49	2	40	20	7.5	4.2
13	4.0	39.2		15,000														
14	5.0	49.0		10,000														
14-1	8.0	78.4	1,000	12,000	0.45x58x1300	B	59	69	50	60	10.1	20	89	2	58	25	8	6.5
15	10.0	98.1		10,000	0.5x58x1300													
16	15.0	147		5,000	0.6x58x1300													
17	20.0	196		8,000	0.6x100x1500													
18	25.0	245	1,200	8,000	0.65x100x1500	B	102	112	60	85	10.1	22	118	2	100	60	10	6.5
19	30.0	294		6,000	0.7x100x1500													

(Note)

- Please advise us the "Standard model No." you need in the list above.
- The other specification of COPRING is also considerable. Please feel free to contact us.
- Do not pull out the spring over the "Max. stroke length" above (the inner edge of spring is not fixed with drum).
- Please be advised that the specification above might be changed without prior notice.