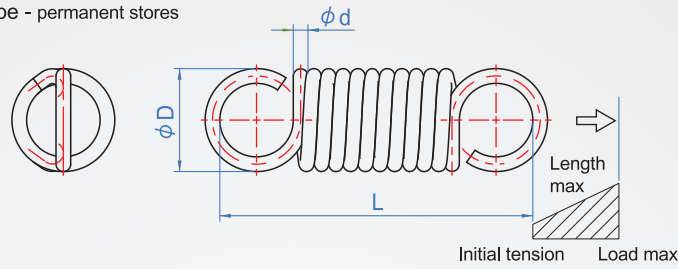


D 5、6、7
CA121



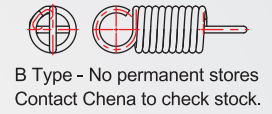
A type B type

A Type - permanent stores



- ◆D Tolerance value Minimum $\pm 0.2\text{mm}$
- ◆Modulus of elasticity tolerance value Effective curl 3~10 $\pm 10\%$
Effective curl 10~ $\pm 8\%$
- ◆Length tolerance value Minimum $\pm 0.5\text{mm}$ (JIS 2)

Material	Curl Direction
SUS304-WPB	Right



How to order

① ② ③
CA121 - 5 - 20 - 0.6 -

TYPE D L d

Style
A Type.....
B Type.....

L	D	5					6					7						
		d	0.45	0.5	0.55	0.6	0.7	0.55	0.6	0.7	0.8	0.9	1	0.6	0.7	0.8	0.9	
15	N	0.33	0.49	0.89	1.27	3.14	-	-	-	-	-	-	-	-	-	-	-	-
	Length max	8	7	6	5	4	-	-	-	-	-	-	-	-	-	-	-	-
20	N	0.18	0.28	0.51	0.78	1.77	0.34	0.49	1.18	2.06	4.51	6.57	-	-	-	-	-	
	Length max	15	12	10	9	7	16	14	10	7	4	4	-	-	-	-	-	
25	N	0.13	0.2	0.35	0.49	1.28	0.22	0.32	0.78	1.47	2.94	4.61	0.2	0.44	0.89	1.71	-	
	Length max	21	17	14	14	10	25	21	14	9	6	5	31	22	15	10	-	
30	N	0.09	0.16	0.26	0.39	0.98	0.16	0.25	0.56	1.08	2.26	3.53	0.14	0.32	0.65	1.27	-	
	Length max	31	21	19	18	13	34	27	20	13	8	7	45	31	21	14	-	
35	N	0.08	0.13	0.21	0.29	0.78	0.13	0.2	0.39	0.88	1.77	2.94	0.12	0.26	0.54	0.97	-	
	Length max	34	26	24	24	16	42	34	29	16	10	8	52	38	25	18	-	
40	N	0.06	0.1	0.18	0.28	0.64	0.11	0.17	0.37	0.69	1.47	2.45	0.09	0.21	0.43	0.81	-	
	Length max	46	33	28	25	19	49	40	30	20	12	10	70	47	31	22	-	
45	N	0.054	0.09	0.16	0.25	0.56	0.09	0.14	0.32	0.68	1.28	2.27	-	-	-	-	-	
	Length max	51	37	31	28	22	60	49	35	20	14	11	-	-	-	-	-	
50	N	0.049	0.08	0.14	0.22	0.49	0.08	0.13	0.27	0.57	1.08	1.96	0.07	0.15	0.31	0.6	-	
	Length max	56	42	36	32	25	68	53	42	24	16	13	90	66	44	29	-	
55	N	-	-	-	-	-	0.07	0.11	0.25	0.5	0.98	1.71	-	-	-	-	-	
	Length max	-	-	-	-	-	78	62	45	27	18	14	-	-	-	-	-	
60	N	-	-	-	-	-	0.064	0.1	0.23	0.47	0.88	1.57	0.054	0.12	0.25	0.47	-	
	Length max	-	-	-	-	-	85	69	49	29	20	16	116	82	54	38	-	
Initial tension (N)		0.49	0.88	1.37	1.57	2.45	0.64	1.27	1.67	3.53	5.88	8.6	0.69	1.31	2.3	4.41	-	
Load max (N)		3.24	4.22	6.37	8.53	14.71	6.08	8.14	12.94	17.26	23.54	33.15	6.96	11.2	15.8	22.1	-	

※Load formula : Modulus of Elasticity(N/mm)xExtension(mm)+Initial tension(N)
 ※Initial tension,the spring constant of the reference value.
 ※Calculation of maximum tensile formula : (Load max-Initial tension) ÷ Spring constant
 ※Force conversion formula : kgf=Nx0.102

Formula ex. : CA121-6-40-0.8-A Kgf=Nx0.102
 Length 40 (ex. tensile 15mm) to load 55
 load =Modulus× Extension+ Initial tension
 13.88N=0.69N/mm × 15mm + 3.53N