

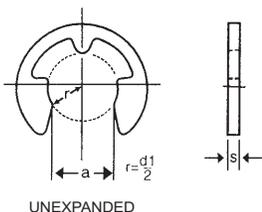


SANJAY ENGINEERING WORKS

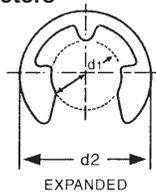
E - CLIP DIN :6799 IS : 3075

Locking washer, radially springy (elastic)

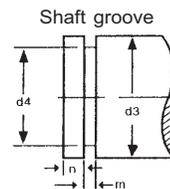
All Dimensions in millimeters



UNEXPANDED



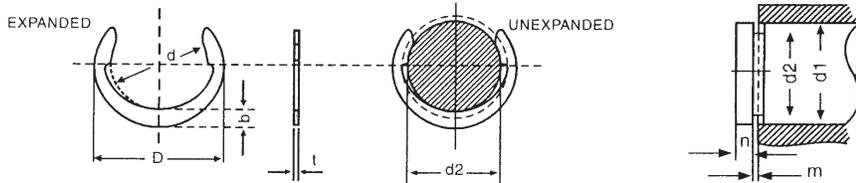
EXPANDED



Shaft groove

Designating a locking washer from nominal size $d_1 = 4$ mm made of Spring Steel 1) 2) :
Locking Washer 4 DIN 6799

Locking Washer					Shaft Groove					Permissible axial load ³⁾ in kp. on	
Nominal dimension ³⁾ d_1	d_2 Expanded	a H10	s Permissible deviation	Weight ⁴⁾ kg/1000 pcs. \approx	d_3		d_4 H11	$m^5)$ Permissible deviation	n min.	d_3 min.	d_3 max.
					from	to					
0.8	2	0.58	0.2	0.003	1	1.4	0.8	0.24	0.4	2	3
1.2	3	1.01	0.3	0.009	1.4	2	1.2	0.34	0.6	4	8
1.5	4	1.28	0.4	0.021	2	2.5	1.5	0.44	0.8	7	12
1.9	4.5	1.61	0.5	0.040	2.5	3	1.9	0.54	1	10	20
2.3	6	1.94	0.6	0.069	3	4	2.3	0.64	1	14	32
3.2	7	2.70	0.6	0.088	4	5	3.2	0.64	1	20	45
4	9	3.34	0.7	0.158	5	7	4	0.74	1.2	30	65
5	11	4.11	0.7	0.236	6	8	5	0.74	1.2	40	75
6	12	5.26	0.7	0.255	7	9	6	0.74	1.2	50	100
7	14	5.84	0.9	0.474	8	11	7	0.94	1.5	60	120
8	16	6.52	1.0	0.660	9	12	8	1.05	1.8	70	170
9	18.5	7.63	1.1	1.00	10	14	9	1.15	2	80	200
10	20	8.32	1.2	1.12	11	15	10	1.25	2	90	220
12	23	10.45	1.3	1.77	13	18	12	1.35	2.5	100	240
15	29	12.61	1.5	3.37	16	24	15	1.55	3.0	130	300
19	37	15.92	1.75	6.42	20	31	19	1.80	3.5	150	425
24	44	21.88	2.0	8.55	25	38	24	2.05	4.0	200	550



Unit : mm

Size No.	d		Ring dimension				Groove dimension					
	Basic	Total	D	b	t		d1	d 2		m		n Min
					Basic	Tol.		Basic	Tol.	Basic	Tol.	
5130-12	2.59	+0.05	4.17	0.79	0.4		3.2	2.69	0.04	0.48	+0.04	0.5
18	4.09	-0.1	6.19	1.05	0.4		4.8	4.019		0.48	0	0.6
21	4.75		6.99	1.12	0.6	+0.03	5.6	4.9		0.7		0.7
25	5.36		7.9	1.27	0.6		6.3	5.59		0.7		0.8
31	6.86		9.56	1.35	0.6		7.9	7.01		0.7		0.9
37	8.33		11.37	1.52	0.6	+0.04	9.5	8.51	+0.05	0.7		1
40	9.12	+0.07	12.32	1.6	0.6		10.3	9.25		0.7	+0.06	1.1
43	9.8	-0.13	13.1	1.65	0.6		11.1	9.98		0.7		1.1
46	10.54		14	1.73	0.6		11.9	10.69		0.7		1.2
50	11.2	+0.15	14.76	1.78	0.9		12.7	11.43		1		1.3
56	12.62		16.56	1.98	0.9	+0.05	14.3	12.88	+0.07	1		1.4
81	18.31	+0.18	23.23	2.46	1.4	+0.06	20.6	18.59		1.5	+0.08	2.3

HRC : 47 TO 53 HV : 472 TO 560 kg/mm²