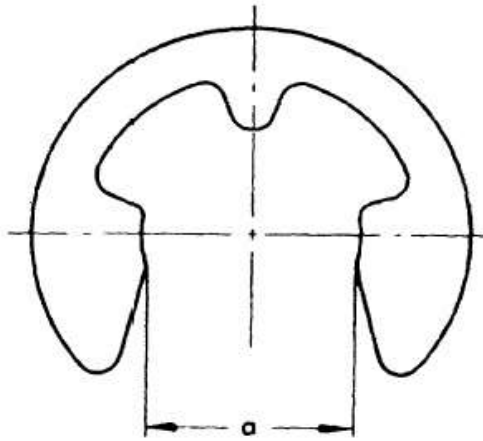
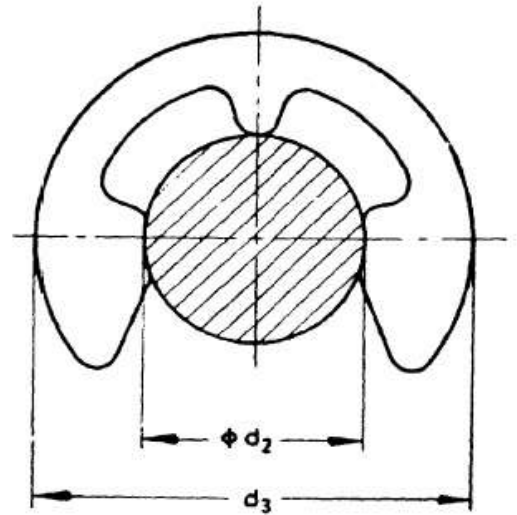


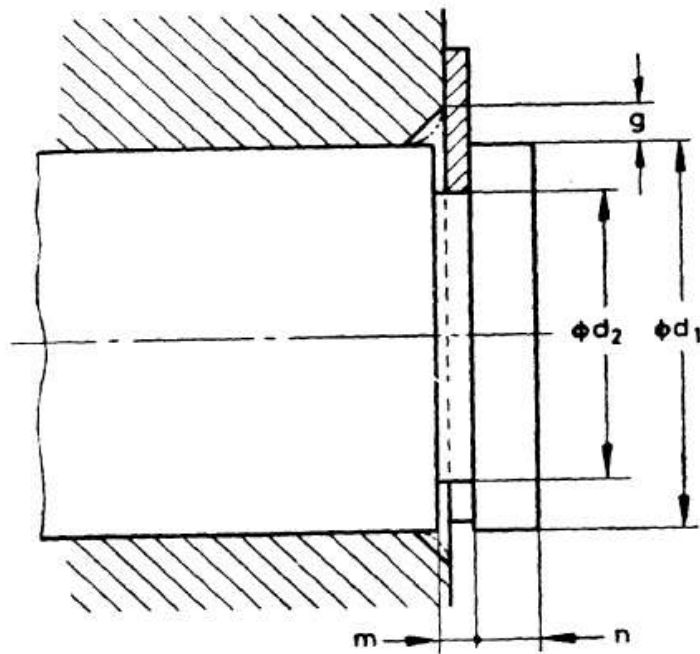
All dimensions in millimetres.



UNLOADED



LOADED



ASSEMBLED

Groove Dia, d_1 Nominal Size	Shaft Dia Range, d_1		Circlip				Groove					Design Data†							
			s		a		d_2		m^*		n Min	d_3 Max	F_N		F_B	g	F_{sg}	N_{as}	
	From	To	Size	Tolerance	Size	Tolerance	Size	Tolerance	Size	Tolerance			kN	at d'_1					kN
0.8	1	1.4	0.2	± 0.02	0.58	± 0.04	0.8	0	0.24	+0.04 0	0.4	2.25	0.03	1.2	0.08	0.3	0.04	50 000	
1.2	1.4	2	0.3		1.01		1.2	0	0.34		0.6	3.25	0.04	1.5	0.12	0.4	0.06	47 000	
1.5	2	2.5	0.4		1.28		1.5	0	0.44		0.8	4.25	0.07	2	0.22	0.6	0.11	43 000	
1.9	2.5	3	0.5	± 0.03	1.61	± 0.048	1.9	0	0.54	+0.05 0	1	4.8	0.10	2.5	0.35	0.7	0.17	40 000	
2.3	3	4	0.6		1.94		2.3	0	0.64		1	6.3	0.15	3	0.50	0.9	0.24	38 000	
3.2	4	5	0.6		2.70		3.2	0	0.64		1	7.3	0.22	4	0.65	0.9	0.32	35 000	
4	5	7	0.7	± 0.04	3.34	± 0.058	4	0	0.74	+0.08 0	1.2	9.3	0.25	5	0.95	1	0.47	32 000	
5	6	8	0.7		4.11		5	0	0.74		1.2	11.3	0.90	7	1.15	1	0.60	28 000	
6	7	9	0.7		5.26		6	0	0.74		1.2	12.3	1.10	8	1.35	1.1	0.70	25 000	
7	8	11	0.9	± 0.05	5.84	± 0.07	7	0	0.94	+0.08 0	1.5	14.3	1.25	9	1.80	1.3	1.00	22 000	
8	9	12	1		6.52		8		0		1.05	1.8	16.3	1.42	10	2.50	1.5	1.25	20 000
9	10	14	1.1		7.63		9		0		1.15	2	18.8	1.60	11	3.00	1.6	1.50	17 000
10	11	15	1.2	± 0.06	8.32	± 0.084	10	± 0.13	1.25	+0.08 0	2	20.4	1.70	12	3.50	1.8	1.75	15 000	
12	13	18	1.3		10.45		12		0		1.35	2.5	23.4	3.10	15	4.70	1.9	2.30	13 000
15	16	24	1.5		12.61		15		0		1.55	3	29.4	7.00	20	7.80	2.2	3.30	11 000
19	20	31	1.75	± 0.06	15.92	± 0.084	19	± 0.13	1.80	+0.08 0	3.5	37.6	10.00	25	11.00	2.5	3.60	7 600	
24	25	38	2		21.88		24		0		2.05	4	44.6	13.00	30	15.00	3	4.00	5 500
30	32	42	2.5		25.80		30		0		2.55	4.5	52.6	16.50	36	23.00	3.5	5.30	4 200