

E-Rings

(Din 6799)

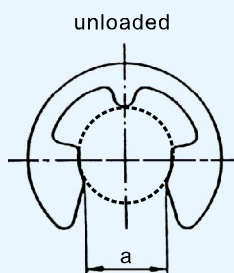


Figure 1.

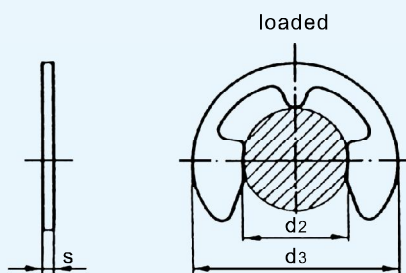


Figure 2.

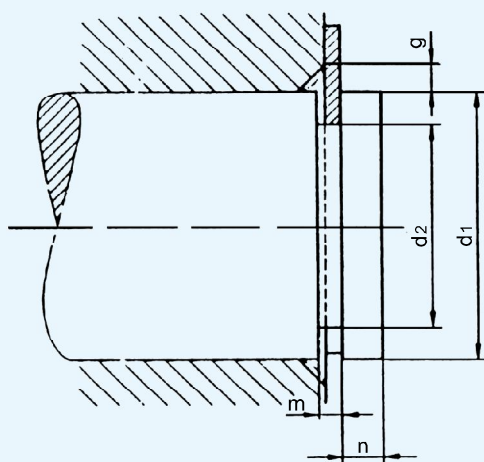


Figure 3.

Unit:mm

Groove diameter	Shaft diameter range		Lock washer				Groove				Supplementary data								
d2	d1		s		a	Weight per 1000 pieces in kg ≈	d2	m ¹⁾		n	d3	F _N		F _S		F _{sg}	n _{ab1}		
Naminat size	from	to		per. dev.	per. dev. (ΔT10)			per. dev. (h11)	per. dev.	min.	max.	KN	at d1'	KN	g	KN	min. ⁻¹		
0.8	1.0	1.4	0.20	±0.02	0.58	0.003	0.8	+0 -0.04	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	0.30		1.01	0.009	1.2		0.34		0.6	3.25	0.04	1.5	0.12	0.4	0.06	47 000	
1.5	2.0	2.5	0.40		1.28	±0.040	0.021	1.5	+0	0.44		0.8	4.25	0.07	2.0	0.22	0.6	0.11	43 000
1.9	2.5	3.0	0.50		1.61	0.040	1.9	-0.06	0.54		1.0	4.80	0.10	2.5	0.35	0.7	0.17	40 000	
2.3	3.0	4.0	0.60		1.94	0.069	2.3		0.64	+0.05 -0	1.0	6.30	0.15	3.0	0.50	0.9	0.24	38 000	
3.2	4.0	5.0	0.60		2.70	0.088	3.2		0.64		1.0	7.30	0.22	4.0	0.65	0.9	0.32	35 000	
4.0	5.0	7.0	0.70		3.34	±0.048	0.158	4.0	+0		0.74	1.2	9.30	0.25	5.0	0.95	1.0	0.47	32 000
5.0	6.0	8.0	0.70		4.11		0.236	5.0	-0.075		0.74	1.2	11.30	0.90	7.0	1.15	1.0	0.60	28 000
6.0	7.0	9.0	0.70		5.26		0.255	6.0			0.74	1.2	12.30	1.10	8.0	1.35	1.1	0.70	25 000
7.0	8.0	11.0	0.90		5.84		0.474	7.0			0.94	1.5	14.30	1.25	9.0	1.80	1.3	1.00	22 000
8.0	9.0	12.0	1.00	6.52	±0.058	0.660	8.0	+0	1.05		1.8	16.30	1.42	10.0	2.50	1.5	1.25	20 000	
9.0	10.0	14.0	1.10	7.63		1.090	9.0	-0.09	1.15		2.0	18.80	1.60	11.0	3.00	1.6	1.50	17 000	
10.0	11.0	15.0	1.20	8.32		1.250	10.0		1.25		2.0	20.40	1.70	12.0	3.50	1.8	1.75	15 000	
12.0	13.0	18.0	1.30	10.45		1.630	12.0	+0	1.35		+0.08 -0	2.5	23.40	3.10	15.0	4.70	1.9	2.30	13 000
15.0	16.0	24.0	1.50	12.61	±0.070	3.370	15.0	-0.11	1.55	3.0	29.40	7.00	20.0	7.80	2.2	3.30	11 000		
19.0	20.0	31.0	1.75	15.92	±0.084	6.420	19.0	+0 -0.13	1.80	3.5	37.60	10.00	25.0	11.00	2.5	3.60	7 600		
24.0	25.0	38.0	2.00	21.88		8.550	24.0		2.05	4.0	44.60	13.00	30.0	15.00	3.0	4.00	5 500		
30.0	32.0	42.0	2.50	25.80		13.500	30.0		2.55	4.5	52.60	16.50	36.0	23.00	3.5	5.30	4 200		