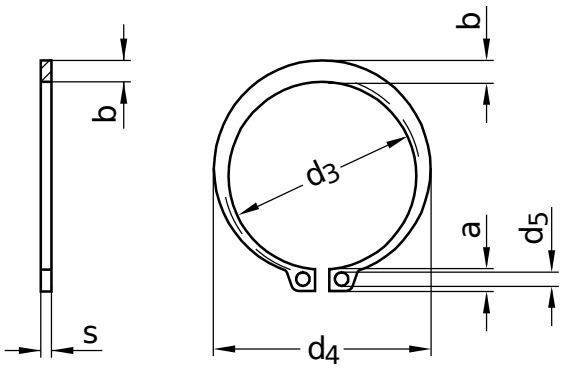
DIN 471

Lock rings

For shafts | regular version

Spring steel | bright | Cr(VI)-free





Diameter (d)	a max.	b	d_1 nominal size	d_3 nominal size	d_3 min.	d_3 max.	d_4	d_5	s nominal size	s min.	s max.
3	1.9	0.8	3	2.7	2.55	2.74	7.0	1.0	0.40	0.35	0.40
4	2.2	0.9	4	3.7	3.55	3.74	8.5	1.0	0.40	0.35	0.40
5	2.5	1.1	5	4.7	4.55	4.74	10.3	1.0	0.60	0.55	0.60
6	2.7	1.3	6	5.6	5.45	5.64	11.7	1.2	0.70	0.65	0.70
7	3.1	1.4	7	6.5	6.32	6.56	13.5	1.2	0.80	0.75	0.80
8	3.2	1.5	8	7.4	7.22	7.46	14.7	1.2	0.80	0.75	0.80
9	3.3	1.7	9	8.4	8.22	8.46	16.0	1.2	1.00	0.94	1.00
10	3.3	1.8	10	9.3	8.94	9.40	17.0	1.5	1.00	0.94	1.00
11	3.3	1.8	11	10.2	9.84	10.30	18.0	1.5	1.00	0.94	1.00
12	3.3	1.8	12	11	10.64	11.10	19.0	1.7	1.00	0.94	1.00
13	3.4	2.0	13	11.9	11.54	12.00	20.2	1.7	1.00	0.94	1.00
14	3.5	2.1	14	12.9	12.54	13.00	21.4	1.7	1.00	0.94	1.00
15	3.6	2.2	15	13.8	13.44	13.90	22.6	1.7	1.00	0.94	1.00
16	3.7	2.2	16	14.7	14.34	14.80	23.8	1.7	1.00	0.94	1.00
17	3.8	2.3	17	15.7	15.34	15.80	25.0	1.7	1.00	0.94	1.00
18	3.9	2.5	18	16.5	16.14	16.60	26.2	2.0	1.20	1.14	1.20
19	3.9	2.5	19	17.5	17.14	17.60	27.2	2.0	1.20	1.14	1.20
20	4.0	2.6	20	18.5	18.08	18.63	28.4	2.0	1.20	1.14	1.20
21	4.1	2.7	21	19.5	19.08	19.63	29.6	2.0	1.20	1.14	1.20
22	4.2	2.8	22	20.5	20.08	20.63	30.8	2.0	1.20	1.14	1.20
24	4.4	3.0	24	22.2	21.78	22.41	33.2	2.0	1.20	1.14	1.20
25	4.4	3.0	25	23.2	22.78	23.41	34.2	2.0	1.20	1.14	1.20
26	4.5	3.1	26	24.2	23.78	24.41	35.5	2.0	1.20	1.14	1.20
28	4.7	3.2	28	25.9	25.48	26.11	37.9	2.0	1.50	1.44	1.50
29	4.8	3.4	29	26.9	26.48	27.11	39.1	2.0	1.50	1.44	1.50
30	5.0	3.5	30	27.9	27.48	28.11	40.5	2.0	1.50	1.44	1.50
32	5.2	3.6	32	29.6	29.18	29.81	43.0	2.5	1.50	1.44	1.50
34	5.4	3.8	34	31.5	31.00	31.75	45.4	2.5	1.50	1.44	1.50
35	5.6	3.9	35	32.2	31.70	32.45	46.8	2.5	1.50	1.44	1.50
36	5.6	4.0	36	33.2	32.70	33.45	47.8	2.5	1.75	1.69	1.75
38	5.8	4.2	38	35.2	34.70	35.45	50.2	2.5	1.75	1.69	1.75
40	6.0	4.4	40	36.5	35.60	36.89	52.6	2.5	1.75	1.69	1.75

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Lock rings

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Spring steel | bright | Cr(VI)-free

Diameter	a	b	d_1	d_3			d_4	d_5	s		
(d)	max.		nominal size	nominal size	min.	max.			nominal size	min.	max.
42	6.5	4.5	42	38.5	37.60	38.89	55.7	2.5	1.75	1.69	1.75
45	6.7	4.7	45	41.5	40.60	41.89	59.1	2.5	1.75	1.69	1.75
48	6.9	5.0	48	44.5	43.60	44.89	62.5	2.5	1.75	1.69	1.75
50	6.9	5.1	50	45.8	44.90	46.19	64.5	2.5	2.00	1.93	2.00
52	7.0	5.2	52	47.8	46.90	48.19	66.7	2.5	2.00	1.93	2.00
55	7.2	5.4	55	50.8	49.70	51.26	70.2	2.5	2.00	1.93	2.00
56	7.3	5.5	56	51.8	50.70	52.26	71.6	2.5	2.00	1.93	2.00
58	7.3	5.6	58	53.8	52.70	54.26	73.6	2.5	2.00	1.93	2.00
60	7.4	5.8	60	55.8	54.70	56.26	75.6	2.5	2.00	1.93	2.00
62	7.5	6.0	62	57.8	56.70	58.26	77.8	2.5	2.00	1.93	2.00
63	7.6	6.2	63	58.8	57.70	59.26	79.0	2.5	2.00	1.93	2.00
65	7.8	6.3	65	60.8	59.70	61.26	81.4	3.0	2.50	2.43	2.50
68	8.0	6.5	68	63.5	62.40	63.96	84.8	3.0	2.50	2.43	2.50
70	8.1	6.6	70	65.5	64.40	65.96	87.0	3.0	2.50	2.43	2.50
72	8.2	6.8	72	67.5	66.40	67.96	89.2	3.0	2.50	2.43	2.50
75	8.4	7.0	75	70.5	69.40	70.96	92.7	3.0	2.50	2.43	2.50
78	8.6	7.3	78	73.5	72.40	73.96	96.1	3.0	2.50	2.43	2.50
80	8.6	7.4	80	74.5	73.40	74.96	98.1	3.0	2.50	2.43	2.50
85	8.7	7.8	85	79.5	78.40	79.96	103.3	3.5	3.00	2.92	3.00
88	8.8	8.0	88	82.5	81.20	83.04	106.5	3.5	3.00	2.92	3.00
90	8.8	8.2	90	84.5	83.20	85.04	108.5	3.5	3.00	2.92	3.00
95	89.5	8.6	95	89.5	88.20	90.04	114.8	3.5	3.00	2.92	3.00
100	9.6	9.0	100	94.5	93.20	95.04	120.2	3.5	3.00	2.92	3.00
105	9.9	9.3	105	98	96.70	98.54	125.8	3.5	4.00	3.90	4.00
110	10.1	9.6	110	103	101.70	103.54	131.2	3.5	4.00	3.90	4.00
115	10.6	9.8	115	108	106.70	108.54	137.3	3.5	4.00	3.90	4.00
120	11.0	10.2	120	113	111.70	113.54	143.1	3.5	4.00	3.90	4.00
125	11.4	10.4	125	118	116.70	118.54	149.0	4.0	4.00	3.90	4.00
130	11.6	10.7	130	123	121.50	123.63	154.4	4.0	4.00	3.90	4.00
135	11.8	11.0	135	128	126.50	128.63	159.8	4.0	4.00	3.90	4.00
140	12.0	11.2	140	133	131.50	133.63	165.2	4.0	4.00	3.90	4.00
145	12.2	11.5	145	138	136.50	138.63	170.6	4.0	4.00	3.90	4.00
155	13.0	12.0	155	146	144.50	146.63	182.3	4.0	4.00	3.90	4.00
160	13.3	12.2	160	151	149.50	151.63	188.0	4.0	4.00	3.90	4.00
260	16.2	16.0	260	245	243.30	245.72	294.0	5.0	5.00	4.88	5.00
280	16.2	16.0	280	265	263.00	265.81	314.0	5.0	5.00	4.88	5.00

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