

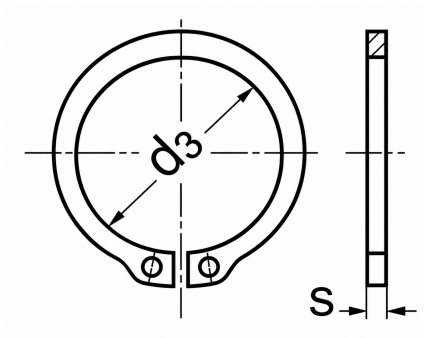
FASTENERS / METRIC SERIES

Retaining rings for shafts

DIN 471

טבעת אבטחה לציר

APPROVED / USER REVIEWED



Selected dimensions

Dimensions / mm

d nom.	s	d3
3	0.4	2.7
4	0.4	3.7
5	0.6	4.7
6	0.7	5.6
7	0.8	6.5
9	1	8.4
13	1	11.9
14	1	12.9
15	1	13.8
16	1	14.7
17	1	15.7
18	1.2	16.5
19	1.2	17.5
20	1.2	18.5

d: nominal shaft diameter (not a thread); s: ring thickness; d3: free ring diameter, not groove diameter.

min.: minimum; max.: maximum; nom.: nominal; ref.: reference.

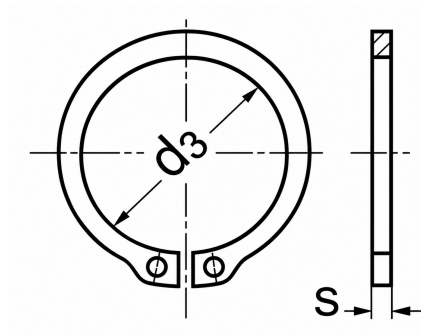
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Selected dimensions / continued

Dimensions / mm

d nom.	s	d3
21	1.2	19.5
22	1.2	20.5
24	1.2	22.2
25	1.2	23.2
26	1.2	24.2
28	1.5	25.9
29	1.5	26.9
30	1.5	27.9
32	1.5	29.6
33	1.5	30.5
34	1.5	31.5
35	1.5	32.2
36	1.75	33.2
37	1.75	34.2

d: nominal shaft diameter (not a thread); s: ring thickness; d3: free ring diameter, not groove diameter.

min.: minimum; max.: maximum; nom.: nominal; ref.: reference.

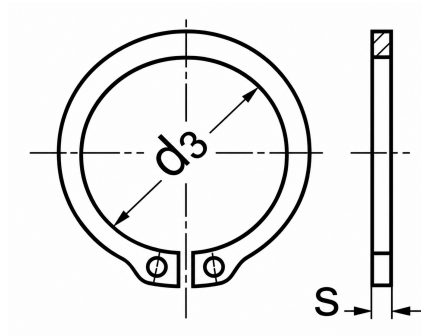
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DIN 471

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Selected dimensions / continued

Dimensions / mm

d nom.	s	d3
38	1.75	35.2
40	1.75	36.5
41	1.75	37.5
42	1.75	38.5
44	1.75	40.5
45	1.75	41.5
46	1.75	42.5
47	1.75	43.5
48	1.75	44.5
50	2	45.8
52	2	47.8
54	2	49.8
55	2	50.8
56	2	51.8

d: nominal shaft diameter (not a thread); s: ring thickness; d3: free ring diameter, not groove diameter.

min.: minimum; max.: maximum; nom.: nominal; ref.: reference.