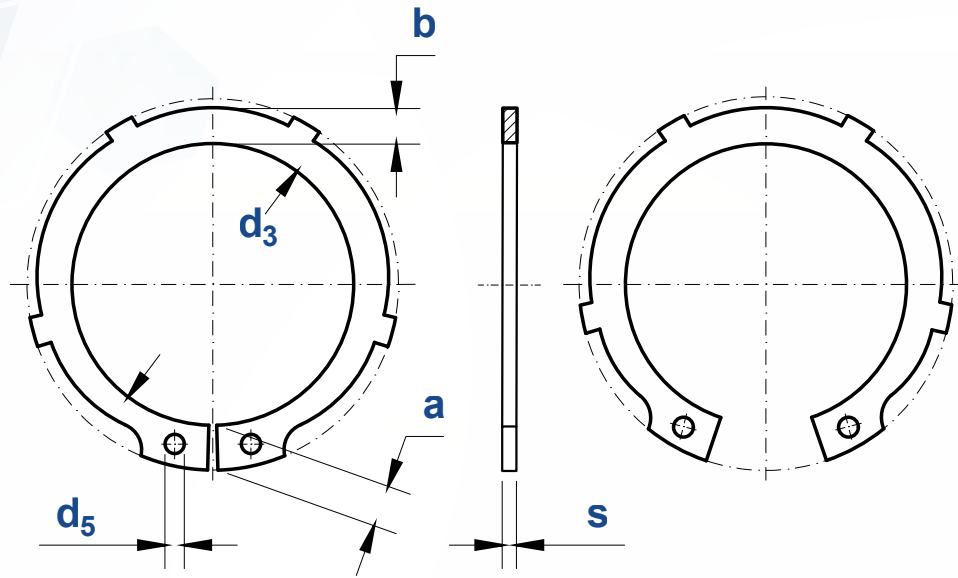




Axle Diameter Applicable		16	17	18	19	20	22	23	24	25	26	28	30	32	35
s	max=nominal size	1	1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5	1.5	1.5	1.5
	min	0.94	0.94	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.44	1.44	1.44	1.44
d ₃	Nominal Size	14.7	15.7	16.5	17.5	18.5	20.5	21.5	22.2	23.2	24.2	25.9	27.9	29.6	32.2
	max	14.8	15.8	16.6	17.6	18.63	20.63	21.71	22.41	23.41	24.41	26.11	28.11	29.81	32.45
	min	14.34	15.34	16.14	17.14	18.08	20.08	21.08	21.78	22.78	23.78	25.48	27.48	29.18	31.7
a	max	3.5	3.6	3.7	3.7	3.8	4	4.1	4.2	4.3	4.4	4.5	4.7	5	5.2
b	≈	2.3	2.3	2.4	2.5	2.6	2.8	2.9	3	3	3.1	3.2	3.5	3.6	3.9
d ₅	min	1.7	1.7	2	2	2	2	2	2	2	2	2	2	2.5	2.5
per 1000 units ≈ kg		0.82	0.93	1.24	1.35	1.45	1.77	1.84	1.98	2.12	2.18	3.15	3.65	4	4.38

Axle Diameter Applicable		38	40	42	45	47	48	50	55	57	58	60	62	65	67
s	max=nominal size	1.75	1.75	1.75	1.75	1.75	1.75	2	2	2	2	2	2	2.5	2.5
	min	1.69	1.69	1.69	1.69	1.69	1.69	1.93	1.93	1.93	1.93	1.93	1.93	2.43	2.43
d ₃	Nominal Size	35.2	36.5	38.5	41.5	43.5	44.5	45.8	50.8	52.8	53.8	55.8	57.8	60.8	62.5
	max	35.45	36.89	38.89	41.89	43.89	44.89	46.19	51.26	53.26	54.26	56.26	58.26	61.26	62.96
	min	34.7	35.6	37.6	40.6	42.6	43.6	44.9	49.7	51.7	52.7	54.7	56.7	59.7	61.4
a	max	5.5	7.2	7.2	7.2	7.2	7.2	8.2	8.2	8.2	8.2	8.2	8.2	10.2	10.2
b	≈	4.2	4.4	4.5	4.7	4.9	5	5.1	5.4	5.5	5.6	5.8	6	6.3	6.4
d ₅	min	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3	3
per 1000 units ≈ kg		6.5	7	7.5	8.5	8.7	8.9	11.5	13	14	14.3	14.8	15.9	21.7	22.6

Axle Diameter Applicable		68	70	75	80	85	90	95	100	110	120	130	140
s	max=nominal size	2.5	2.5	2.5	2.5	3	3	3	3	4	4	4	4
	min	2.43	2.43	2.43	2.43	2.92	2.92	2.92	2.92	3.9	3.9	3.9	3.9
d ₃	Nominal Size	63.5	65.5	70.5	74.5	79.5	84.5	89.5	94.5	103	113	123	133
	max	63.96	65.96	70.96	74.96	79.96	85.04	90.04	95.04	103.54	113.54	123.63	133.63
	min	62.4	64.4	69.4	73.4	78.4	83.2	88.2	93.2	101.7	111.7	121.5	131.5
a	max	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	12.2	14.2	14.2	14.2
b	≈	6.5	6.6	7	7.4	7.8	8.2	8.6	9	9.6	10.2	10.7	11.2
d ₅	min	3	3	3	3	3.5	3.5	3.5	3.5	3.5	3.5	4	4
per 1000 units ≈ kg		23.5	25.1	28.2	30.8	39.5	47.7	53	56.6	84	89.7	105	110

①. Material:
Spring steel C67S or C75S according to DIN EN ISO 10132-4 (at the choice of the manufacturer)
Hardness:
Shaft diameter ≤ 48 mm, 470 HV bis 580 HV oder 47 HRC bis 54 HRC;
48 mm < Shaft diameter ≤ 140 mm, 435 HV to 530 HV or 44 HRC to 51 HRC.
Note: Hardness values converted according to DIN EN ISO 18265.