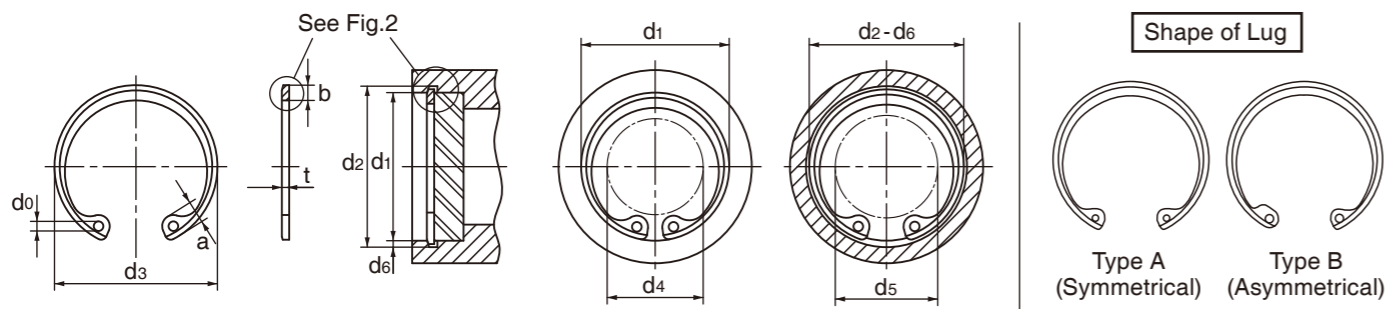


Beveled Internal Ring



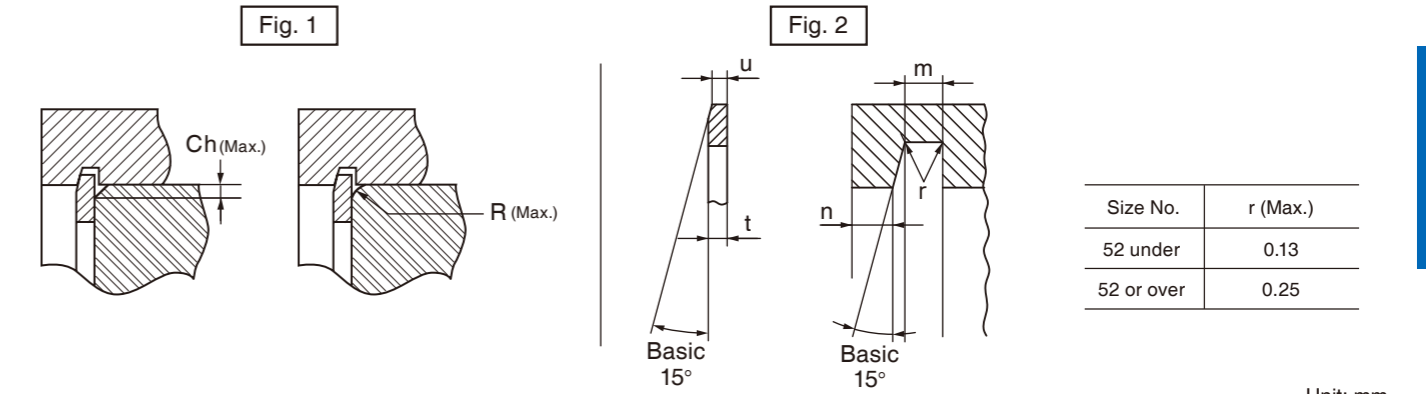
Unit: mm

Size No.	Retaining rings								Shape of Lug	Groove dimension						
	d ₃		t		u		a	b		d ₀	d ₁	d ₂		m		d ₆
	Basic	Tol.	Basic	Tol.	Basic	Tol.						Basic	Tol.	Basic	Tol.	
MT-26	28.9	+0.4 -0.25	1	±0.05	0.84	±0.025	4	2.7	1.5	B	26	28	+0.08 0	0.9	1	1
28	31.1		1.3		1.02		4.6	2.95	1.9	B	28	30.1		1.1	+0.1	1.05
30	33.4	+0.65	1.3	±0.06	1.02		4.6	3.05	1.9	B	30	32.1	+0.1	1.1	0	1.05
32	35.35	-0.5	1.3		0.99		4.6	3.15	1.9	A	32	34.3	0	1.1		1.15
35	38.75		1.3		0.97	±0.03	4.6	3.3	1.9	B	35	37.5		1.1		1.25
40	44.25		1.6		1.22		5.1	4	1.9	B	40	42.8		1.3		1.4
42	46.6	+0.9	1.6	±0.08	1.19		5.75	4.25	1.93	A	42	45	+0.13 0	1.3	+0.15 0	1.5
47	52.15	-0.65	1.6		1.17		5.94	4.3	2.31	B	47	50.4	0	1.3		
52	57.9	+1.0 -0.75	2	±0.07	1.52	±0.04	6.4	4.7	2.3	B	52	55.7	+0.15	1.6		1.85
80	89.1	±1.4	2.77		2.1	±0.06	7.9	6.65	3.2	A	80	85.9	0	2.3		2.95

Material = Carbon spring steel Hardness = 44 through 52HRC, Finish = Phosphate coating (ACP)

Notes

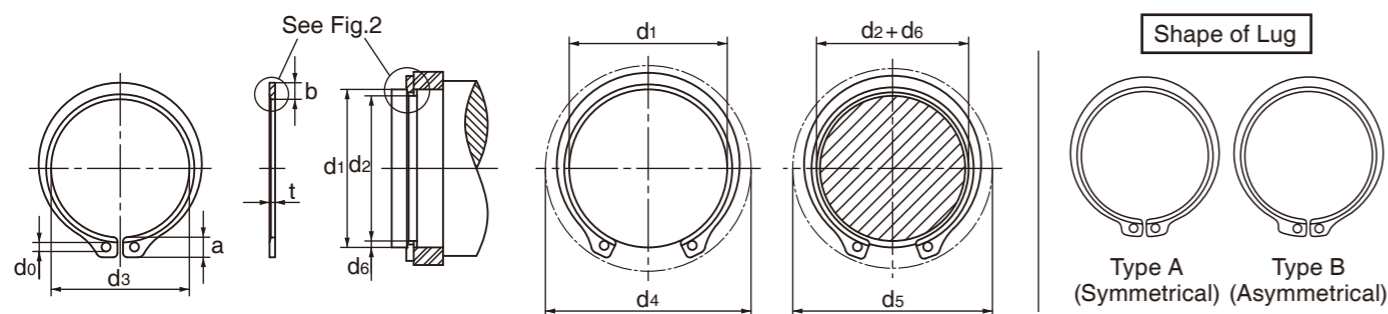
Our products with little marketability may not be in stock. When employing our products, consult with us for their availability.



Unit: mm

Size No.	Data					
	Clearance diameter		Maximum allowable corner radii and chamfers of retained parts (Fig. 1)		Take-up (End-play Take-up)	n (Min.)
	When sprung into d ₁	When sprung into d ₂ (d ₆ /2)	R (Max.)	Ch (Max.)		
MT-26	17.4	18.4	1	0.8	0.13	1.6
28	18.2	19.2	1	0.8	0.14	1.6
30	20	21	1	0.8	0.14	1.7
32	22	23.1	1	0.8	0.15	1.9
35	25	26.2	1	0.8	0.16	2.1
40	29.2	30.4	1.6	1.3	0.18	2.3
42	29.7	30.9	1.6	1.3	0.2	2.6
47	34.3	36	1.6	1.3	0.22	2.8
52	38.6	40.3	2	1.6	0.24	3.1
80	63	66	2.5	2	0.39	4.4

Beveled External Ring



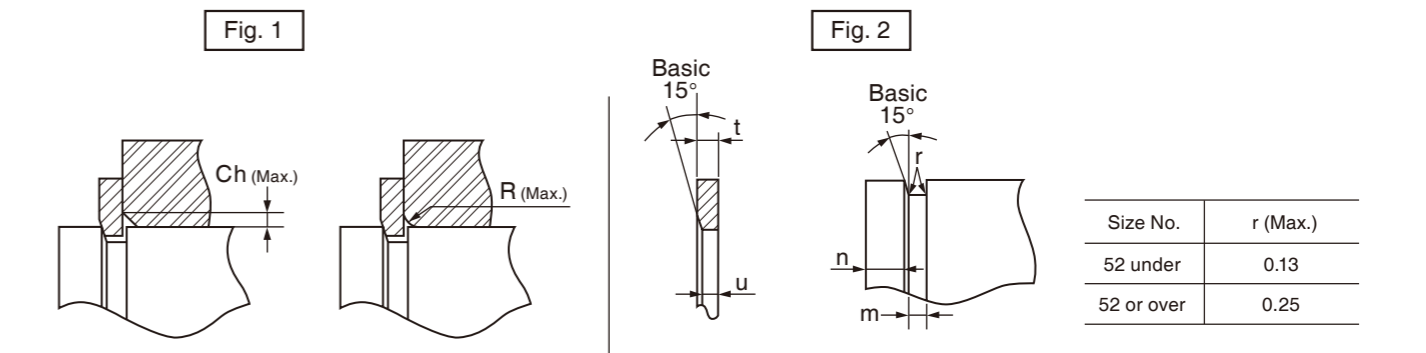
Unit: mm

Size No.	Retaining rings								Shape of Lug	Applicable shaft						
	d ₃		t		u		a	b		d ₀	d ₁	d ₂		m		d ₆
	Basic	Tol.	Basic	Tol.	Basic	Tol.						Basic	Tol.			
NT-30	27.9	+0.25	1.3	±0.06	1.04		4.9	3.3	1.9	B	30	28.15	0	1.1	+0.1	0.93
35	32.3	-0.4	1.3		0.99	±0.03	4.6	3.9	1.9	B	35	32.55	-0.1	1.1	0	1.23
50	46.2	+0.35 -0.5	1.6	±0.08	1.19		6.2	5.1	3.12	B	50	46.8	0	1.3	+0.15	1.6
60	55.8	+0.35 -0.65	2		1.52	±0.04	6.75	5.7	3.12	A	60	56.2	-0.15	1.7	0	1.9

Material = Carbon spring steel Hardness = 44 through 52HRC, Finish = Phosphate coating (ACP)

Notes

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Unit: mm

Size No.	Data					
	Clearance diameter		Maximum allowable corner radii and chamfers of retained parts (Fig. 1)		Take-up (End-play Take-up)	n (Min.)
	When sprung into d ₁	When sprung into d ₂ (d ₆ /2)	R (Max.)	Ch (Max.)		
NT-30	40.8	39.8	1.6	1	0.12	1.6
35	45.9	44.6	1.8	1.1	0.16	1.8
50	64.4	63.0	2	1.2	0.21	2.6
60	76.3	74.7	2.5	1.5	0.25	3.1