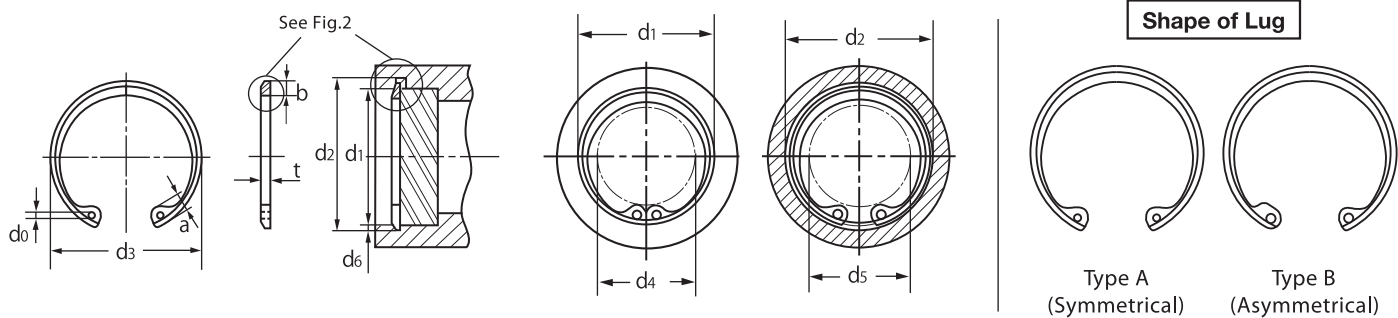


Beveled Retaining Rings (Internal)



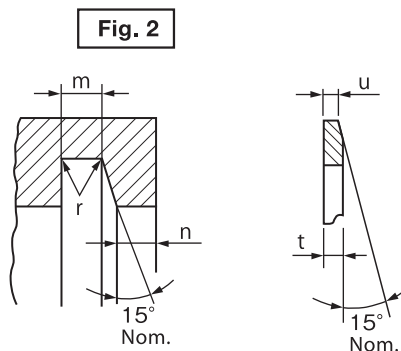
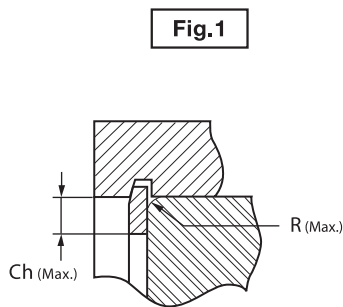
Unit: mm

Size-No.	Ring dimension										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.	T.I.R	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	0.1	0.9	+0.1 0	1
28	31.1		1.3	±0.06	1.02	±0.03	4.6	2.95	1.9	B	28	30.1	+0.1 0	0.1	1.1		1.05
30	33.4	+0.65	1.3		1.02		4.6	3.05	1.9	B	30	32.1		0.13	1.1		1.05
32	35.35	-0.5	1.3	0.99	4.6	3.15	1.9	A	32	34.3	0.13	1.1	1.15				
35	38.75		1.3	0.97	4.6	3.3	1.9	B	35	37.5	0.13	1.1	1.25				
40	44.25		1.6	1.22	5.1	4	1.9	B	40	42.8	+0.13 0	0.13	1.3	+0.15 0	1.4		
42	46.6	+0.9	1.6	1.19	5.75	4.25	1.93	A	42	45	0.13	1.3	1.5				
47	52.15	-0.65	1.6	1.17	5.94	4.3	2.31	B	47	50.4	0.13	1.3	1.7				
52	57.9	+1 -0.75	2	1.52	6.4	4.7	2.3	B	52	55.7	+0.15 0	0.15	1.6	1.85			
80	89.1	±1.4	2.77	±0.07	2.1	±0.06	7.9	6.65	3.2	A	80	85.9	0	0.15	2.3	2.95	

Material = Carbon spring steel. Hardness = HRC 44 ~52. Finish = Phosphate coating (ACP)

Notes

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



Size-No.	r (Max.)
50 Under	0.12
52 Above	0.25

Unit: mm

Size-No.	DATA					
	Clearance diameter		Maximum allowable corner radii and chamfers of retained parts (Fig. 1)		Rigid end-play tak-up	n (Min.)
	When sprung into d ₁	When sprung into d ₂ (d ₆ /2)	R (Max.)	Ch (Max.)		
MT- 26	d ₄ 17.4	d ₅ 18.4	1	0.8	0.14	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	0.17	2.1
40	29.2	30.6	1.6	1.3	0.19	2.3
42	29.7	31.2	1.6	1.3	0.2	2.6
47	34.3	36	1.6	1.3	0.23	2.8
52	38.6	40.4	2	1.6	0.25	3.1
80	63	66	2.5	2	0.4	4.4