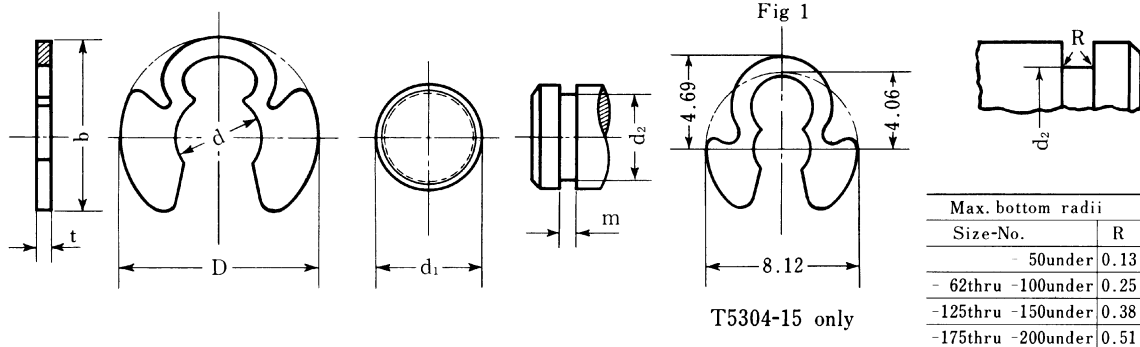


# K-Rings

## Groove Dimension



Unit : mm

Size-No.	Shaft diameter	Ring dimension						Groove dimension				Thrust load						
		Inside dia.		Thickness		Out side dia.	Height	Diameter		Width		Tested shaft	Ring safety = 2½	Groove safety = 2				
		d <sub>i</sub>	d	Tol.	t			Tol.	D(Approx.)	b(Approx.)	d <sub>2</sub>				Tol.	m	Tol.	d <sub>i</sub>
T5304-15	4 ~ 4.5	2.79	±0.08	0.6	+0.1	Fig 1 による	8	3.05	±0.1	0.75	+0.15	4	1.41	0.48				
18	4.5 ~ 5.5	3.56	±0.08	0.6	+0.1		8	10.16	9.14	3.76	±0.13				0	4.8	1.89	0.57
25	6 ~ 7	4.78						12.24	10.92	5.33						6.4	2.82	0.88
31	7.5 ~ 8.5	6.35						14.94	13.11	6.91						7.9	3.44	1.10
37	9 ~ 10.5	7.92						17.27	15.09	8.41						9.5	5.73	1.32
43	11 ~ 12	9.53	±0.1	0.9	19.1		16.76	9.91	±0.15	1.05	11.1				8.16	1.76		
50	12 ~ 13	10.31	±0.13	1	20.98		18.34	11.18	±0.2	1.15	1.4				+0.2 0	12.7	9.26	2.64
62	15 ~ 17	12.7			24.54		21.54	13.49	15.9	11.03						4.85		
75	18 ~ 20	15.09			27.81		24.64	16.05	19	16.32						7.06		
100	24 ~ 26	20.62	±0.15	1.2	35.94		31.75	21.84	±0.25	1.4	+0.2 0				25.4	21.18	11.47	
5304-125	31.8	26.21	±0.15		2.36	±0.08	45.72	39	27.69			±0.25	2.62	+0.2 0	31.8	48.54	15.44	
150	38.1	31.75	±0.2	2.77	±0.1	52.07	44.3	33.45	±0.38	3.05	+0.25 0	38.1	67.51	21.18				
175	44.4	35.71	±0.25	3.2		58.42	50.7	37.59	±0.38	3.53	3.53	44.4	90.46	36.18				
200	50.8	41.28	±0.38	67.31		58.7	43.94	50.8		103.70		41.70						

●Material=Carbon spring steel. Hardness=HRC44~52.

Finish=Phosphate coating, Zinc plate plus Chromate.

Note; The data of thrust load, Pr: steel rings used on hardened shafts 50 HRC min

Pg: steel rings used on low carbon steel shafts.