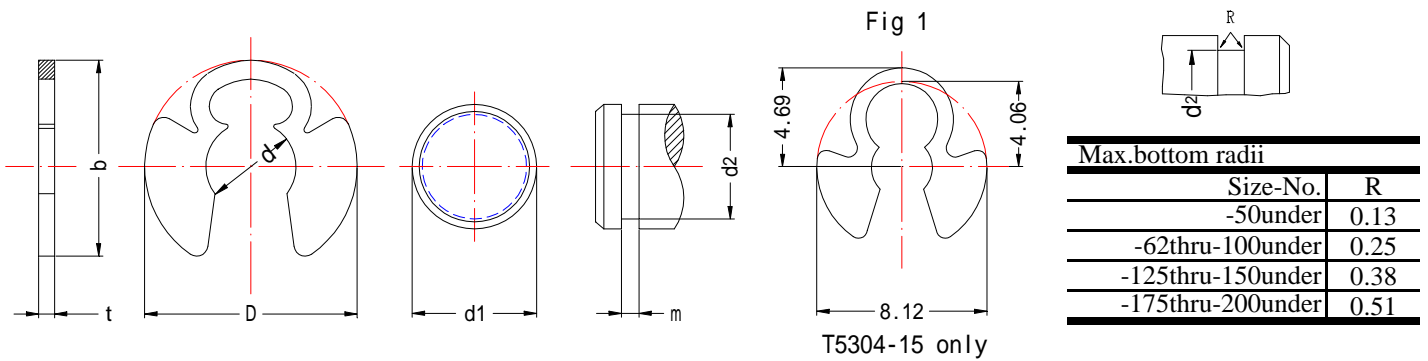




## K-Rings

### Groove dimension



Size-No.	Shaft diameter	Ring dimension						Groove dimension				Applicable shaft			
		Inside dia		Thickness		Out side dia.	Height	Diameter		Width		Tested shaft	Ring Safety =2 1/2	Groove Safety =2	
		d		t				d2		m					
		Max	Min	Max	Min	D(Approx)	b(Approx)	Max	Min	Max	Min	d1	Pr(kgf)	Pg(kgf)	
T5304 -15	4 ~ 4.5	2.88	2.71	0.7	0.55	Fig 1	8	3.15	2.95	0.9	0.75	4	140	40	
	18	4.5~5.5	3.64	3.48	0.7	0.55	10.16	9.14	3.86	3.66	0.9	0.75	4.8	190	50
	25	6 ~ 7	4.56	4.7	0.7	0.55	12.24	10.92	5.46	5.2	0.9	0.75	6.4	280	90
	31	7.5~8.5	6.43	6.27	0.7	0.55	14.94	13.11	7.06	6.76	0.9	0.75	7.9	350	110
	37	9 ~10.5	8.02	7.82	1	0.85	17.27	15.09	8.56	8.26	1.2	1.05	9.5	580	130
	43	11 ~12	9.63	9.43	1	0.85	19.10	16.76	10.06	9.76	1.2	1.05	11.1	830	180
	50	12 ~13	10.41	10.21	1.1	0.95	20.98	18.34	11.38	10.98	1.3	1.15	12.7	940	270
	62	15 ~17	12.83	12.57	1.1	0.95	24.54	21.54	13.69	13.29	1.3	1.15	15.9	1,120	490
	75	18 ~20	15.22	14.96	1.3	1.15	27.81	24.64	16.25	15.85	1.6	1.4	19	1,660	720
100	24 ~26	20.77	20.47	1.3	1.15	35.94	31.75	22.09	21.59	1.6	1.4	25.4	2,160	1,170	
5304 -125	31.8	26.36	26.06	2.44	2.28	45.72	39	29.94	27.44	2.82	2.62	31.8	4,950	1,570	
	150	38.1	31.95	31.55	2.85	2.69	52.07	44.3	33.83	33.07	3.3	3.05	38.1	6,880	2,160
	175	44.4	35.96	35.46	3.3	3.1	58.42	50.7	37.97	37.21	3.78	3.53	44.4	9,220	3,690
	200	50.8	40.9	41.66	3.3	3.1	67.31	58.7	44.32	43.56	3.78	3.53	50.8	10,570	4,250

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

Finish=Black phosphate coating (ACP) , Zn plating, Chromate dip.

Note: The data of thrust load shows the value when the ring is tested by the shaft made of cold rolled steel.