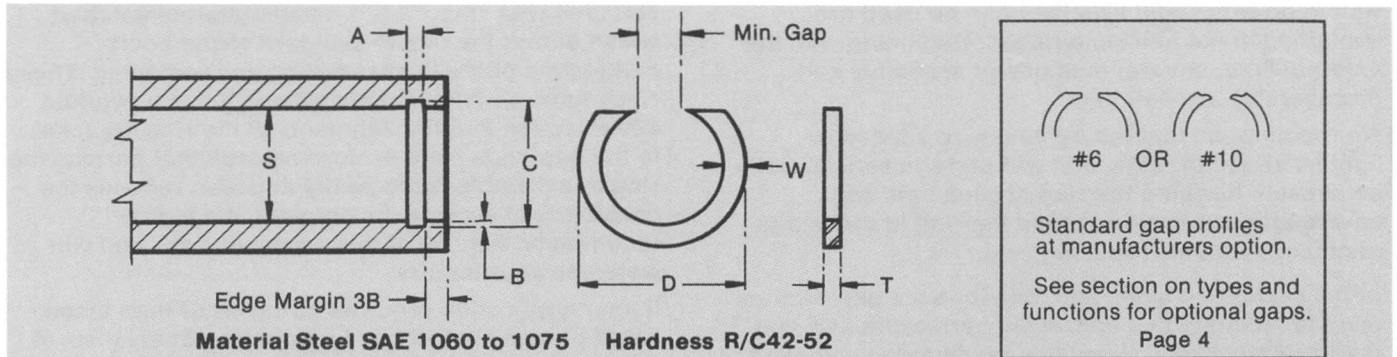


ND Series Internal Retaining Rings Housing Applications for Needle Bearings



S Housing Dia. or Bearing O.D.			Part No.	Groove Dimensions			Ring Dimensions			Free Gap		Ring Thrust Capacity Lbs.								
Inches		MM Equiv.		Diameter		Width A	Free O.D.		Width W	Thick. T ±.002	Min.		Max.							
Dec.	Frac.			C	Tol.		D	Tol.												
1.125	1 1/8	28.58	ND112	1.181	± .005	.028	1.196	+ .031 - .000	.093 ± .003	.375	.562	1100								
1.250	1 1/4	31.75	ND125	1.310			1.330					1360								
1.375	1 3/8	34.93	ND137	1.435			1.460					1600								
1.500	1 1/2	38.10	ND150	1.580			1.600					1900								
1.625	1 5/8	41.28	ND162	1.705			.040					1.725	.125 ± .005	1930						
1.750	1 3/4	44.45	ND175	1.830								1.855		1960						
1.875	1 7/8	47.63	ND187	1.965			.046 + .003 - .000					1.990	+ .062 - .000	.156 ± .005	.042	.437	.750	2090		
2.000	2	50.80	ND200	2.090								2.115						2200		
2.062	2 1/16	52.37	ND206	2.152								2.177						2340		
2.187	2 3/16	55.55	ND218	2.277								2.302						2700		
2.312	2 5/16	58.72	ND231	2.402								2.432						2900		
2.437	2 7/16	61.90	ND243	2.527								2.557						3000		
2.562	2 9/16	65.07	ND256	2.652	2.682	3200														
3.000	3	76.20	ND300	3.124	± .006	.062		+ .078 - .000	.187 ± .005	.062	.562	.938						6250		
3.250	3 1/4	82.55	ND325	3.374		3.404												6500		
3.500	3 1/2	88.90	ND350	3.624		3.654												6700		
3.750	3 3/4	95.25	ND375	3.874		3.904												6100		
4.000	4	101.60	ND400	4.125		4.155												7000		
4.250	4 1/4	107.95	ND425	4.394		.086 + .005 - .000	.072						+ .093 - .000	.218 ± .005	.078	.625	1.062	9100		
4.500	4 1/2	114.30	ND450	4.644														4.429	9400	
4.750	4 3/4	120.65	ND475	4.894														4.679	9200	
5.000	5	127.00	ND500	5.144														4.929	9000	
5.250	5 1/4	133.35	ND525	5.394														5.184	8800	
5.750	5 3/4	146.05	ND575	5.894														5.434	8950	
6.000	6	152.40	ND600	6.160														5.934	9000	
6.500	6 1/2	165.10	ND650	6.660	± .008			.103 + .005 - .000	.080	.250 ± .005	.093	.875						1.437	7500	
7.000	7	177.80	ND700	7.160															6.220	6200
7.250	7 1/4	184.15	ND725	7.410															6.730	6100
7.500	7 1/2	190.50	ND750	7.660															7.240	6000
8.000	8	203.20	ND800	8.160															7.500	6100
						7.760	6000													
						8.285	5700													
																1.000	1.750		6000	

The dimensions of the above parts are envelope dimensions only. For complete design information, please request a drawing from the Ring Masters' Engineering Department.