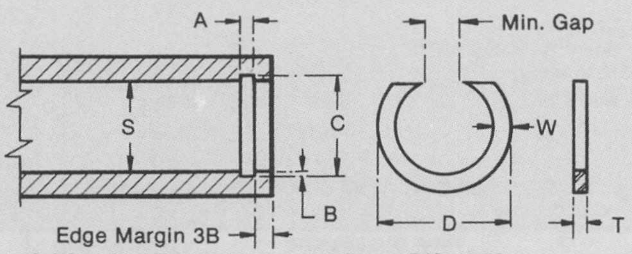
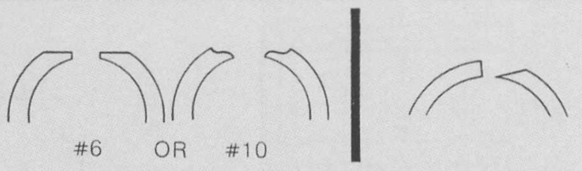
NAN Series Internal Retaining Rings For Housing Applications

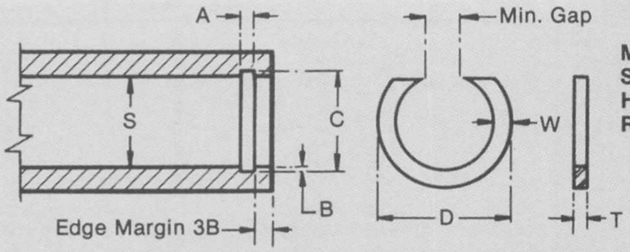




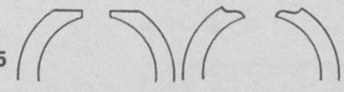
Material-Steel SAE 1060/1075 Hardness R/C 42-52

S Housing Diameter				Groove Dimensions				Ring Dimensions				Free Gap		Ring
Inches		MM	Part	Diameter		Width	Depth	Free O.D.		Width	Thick	Min.	Max.	Thrust
Dec.	Frac.	Equiv.	No.	C	Tol.	A	B Nom.	D	Tol.	W	T ± .002			Capacity Lbs.
.375	3/8	9.53	NAN37	.395		.028 +.003 −.000	.010	.400	+.020 −.000	.035 ±.003	.025	.125	.218	250
.438	7/16	11.12	NAN43	.462				.467						300
.500	1/2	12.70	NAN50	.524			.012	.530		.040 ±.003				.470
.512		13.00	NAN51	.536				.542						480
.562	9/16	14.27	NAN56	.590		.039 +.003 −.000	.014	.600			.035			510
.625	5/8	15.88	NAN62	.657			.016	.670	+.025 −.000	.048 ±.003		.187	.344	620
.688	11/16	17.48	NAN68	.720	±.003			.733						700
.750	3/4	19.05	NAN75	.786			.018	.799						750
.777		19.74	NAN77	.813				.827						1020
.812	13/16	20.62	NAN81	.852			.020	.867		.062 ±.003				1090
.875	7/8	22.23	NAN87	.919		.046 +.003 −.000	.022	.934						1130
.901		22.88	NAN90	.945				.961		.078	.042			1260
.938	15/16	23.82	NAN93	.986			.024	1.003		±.003		.281	.438	1360
1.000	1	25.40	NAN100	1.052				1.070						1470
1.023		25.98	NAN102	1.075			.026	1.094						1500
1.062	1 1/16	26.97	NAN106	1.114				1.134		.093				1780
1.125	1 1/8	28.58	NAN112	1.181			.028	1.202	+.031 −.000	±.003				1880
1.188	1 3/16	30.17	NAN118	1.248			.030	1.270						1990
1.250	1 1/4	31.75	NAN125	1.314			.032	1.337						2090
1.312	1 5/16	33.32	NAN131	1.380		.056 +.003 −.000	.034	1.404		.109 ±.003	.050	.375	.562	2200
1.375	1 3/8	34.93	NAN137	1.447			.036	1.472						2300
1.438	1 7/16	36.52	NAN143	1.510				1.535						2460
1.456		36.08	NAN145	1.532			.038	1.557		.125				2490
1.500	1 1/2	38.10	NAN150	1.576	±.005			1.607		±.005				2560
1.562	1 9/16	39.67	NAN156	1.642			.040	1.668						3060
1.625	1 5/8	41.28	NAN162	1.709			.042	1.736		.141 ±.005				3190
1.653		41.99	NAN165	1.737				1.765						3240
1.688	1 11/16	42.87	NAN168	1.776			.044	1.804				.437	.687	3370
1.750	1 3/4	44.45	NAN175	1.842		.068 +.004 −.000	.046	1.870						3510
1.812	1 13/16	46.02	NAN181	1.904				1.933						3640
1.850		47.00	NAN185	1.946			.048	1.975			.062			3710
1.875	1 7/8	47.63	NAN187	1.971				2.000		.156				3760
1.938	1 15/16	49.22	NAN193	2.038				2.068		±.005				3870
1.968	1 31/32	49.99	NAN196	2.068			.050	2.098						3935
2.000	2	50.80	NAN200	2.100				2.131						4000
2.062	2 1/16	52.37	NAN206	2.166			.052	2.197	+.046 −.000					4380
2.125	2 1/8	53.98	NAN212	2.229				2.260						5140
2.188	2 3/16	55.55	NAN218	2.296			.054	2.331				.500	.750	5470
2.250	2 1/4	57.15	NAN225	2.358		.086 +.005 −.000		2.393		.171				5630
2.312	2 5/16	58.72	NAN231	2.424			.056	2.459		±.005	.078			5790
2.375	2 3/8	60.33	NAN237	2.487				2.523						5950
2.440		61.98	NAN244	2.556	±.006		.058	2.592						6270
2.500	2 1/2	63.50	NAN250	2.616				2.653						6350
2.531	2 17/32	64.28	NAN253	2.651			.060	2.688		.187				6510
2.562	2 9/16	65.07	NAN256	2.686		.103 +.005 −.000		2.726		±.005				8400
2.625	2 5/8	66.67	NAN262	2.750			.062	2.790			.093	.562	.812	8650
2.688	2 11/16	68.27	NAN268	2.816				2.856						8800

NAN Series Internal Retaining Rings For Housing Applications (Cont'd.)



Material-
Steel SAE 1060/1075
Hardness
R/C 42-52



#6 OR #10

Standard gap profiles at manufacturers option.

See section on types and functions for optional gaps, Pg. 4.

S Housing Diameter			Part No.	Groove Dimensions				Ring Dimensions				Free Gap		Ring Thrust Capacity Lbs.
Inches		MM Equiv.		Diameter		Width	Depth	Free O.D.		Width	Thick.			
Dec.	Frac.			C	Tol.	A	B Nom.	D	Tol.	W ± .005	T ± .002	Min.	Max.	
2.717		68.83	NAN271	2.842			.064	2.882	+.046 −.000			.562	.812	8875
2.750	2 3/4	69.85	NAN275	2.878				2.918			.093			8950
2.813	2 13/16	71.45	NAN281	2.945			.066	2.985		.187				9100
2.834		72.00	NAN283	2.966		.103 +.005 −.000		3.006						9250
2.875	2 7/8	73.00	NAN287	3.011			.068	3.056						9400
3.000	3	76.20	NAN300	3.136				3.181	+.062 −.000			.625	.875	9550
3.062	3 3/16	77.78	NAN306	3.202				3.247						10470
3.125	3 1/8	79.38	NAN312	3.265			.070	3.311						10690
3.156	3 5/32	80.16	NAN315	3.296				3.342		.218				10800
3.250	3 1/4	82.55	NAN325	3.394				3.442						11120
3.346		85.00	NAN334	3.490			.072	3.539						11450
3.469	3 15/32	88.00	NAN346	3.613				3.663						11870
3.500	3 1/2	88.90	NAN350	3.648				3.700						11970
3.543		90.00	NAN354	3.691	±.006		.074	3.745				.718	1.062	12120
3.562	3 9/16	90.47	NAN356	3.710				3.766						12190
3.625	3 5/8	92.08	NAN362	3.773				3.831	+.078 −.000					12380
3.750	3 3/4	95.25	NAN375	3.902		.120 +.005 −.000	.076	3.962			.109			12600
3.875	3 7/8	98.42	NAN387	4.027				4.089						12820
3.938	3 15/16	100.00	NAN393	4.094			.078	4.156		.250				13230
4.000	4	101.60	NAN400	4.156				4.221						13690
4.125	4 1/8	104.77	NAN412	4.285				4.355						14110
4.250	4 1/4	107.95	NAN425	4.410			.080	4.485						14540
4.330		110.00	NAN433	4.490				4.565				.875	1.312	14960
4.436	4 7/16	112.69	NAN443	4.596				4.670	+.093 −.000					15170
4.500	4 1/2	114.30	NAN450	4.664			.082	4.744						15390
4.625	4 5/8	117.48	NAN462	4.795			.085	4.875						15830
4.750	4 3/4	120.65	NAN475	4.926			.088	5.011		.281				16250
5.000	5	127.00	NAN500	5.180			.090	5.265						17110
5.250	5 1/4	133.35	NAN525	5.435			.092	5.530						20590
5.375	5 3/8	136.53	NAN537	5.565			.095	5.660						21110
5.500	5 1/2	140.00	NAN550	5.696	±.007	.139 +.006 −.000	.098	5.796	+.125 −.000	.312	.125	1.000	1.500	21790
5.750	5 3/4	146.05	NAN575	5.950			.100	6.050						22570
6.000	6	152.40	NAN600	6.204			.102	6.309						23550
6.250	6 1/4	158.75	NAN625	6.458			.104	6.568						29420
6.500	6 1/2	165.00	NAN650	6.712			.106	6.832						30610
6.625	6 5/8	168.27	NAN662	6.845		.174 +.006 −.000		6.975	+.156 −.000	.343	.156	1.125	1.812	31400
6.750	6 3/4	171.45	NAN675	6.970			.110	7.100						32640
7.000	7	177.80	NAN700	7.220				7.350						34850
7.250	7 1/4	184.15	NAN725	7.500				7.630						38060
7.500	7 1/2	190.50	NAN750	7.750			.125	7.890		.375		1.375	2.250	39450
8.000	8	203.20	NAN800	8.250	±.008			8.400						41960
8.250	8 1/4	209.55	NAN825	8.540			.145	8.665		.437				43320
8.500	8 1/2	215.90	NAN850	8.790				8.915				1.625	2.500	44710
8.750	8 3/4	222.25	NAN875	9.080		.209 +.006 −.000		9.205	+.187 −.000		.187			48900
9.000	9	228.60	NAN900	9.330				9.455						49740
9.055		230.00	NAN905	9.384			.165	9.509		.500				50050
9.500	9 1/2	241.30	NAN950	9.830				9.955				1.750	2.625	52520
9.840	9 27/32	250.00	NAN984	10.170				10.295						53780
10.000	10	254.00	NAN1000	10.330				10.455						55400