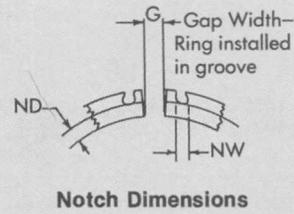
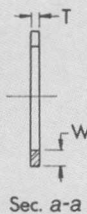
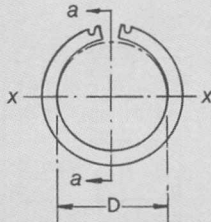
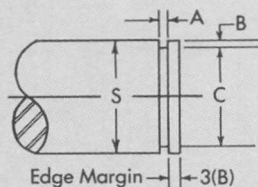


External Retaining Ring Listings

E-N Series External Notched Rings for Shaft Applications



Material—Steel SAE 1060/1075 Hardness R/C47-53

Diameter "D" to be measured across horizontal centerline X-X

Performance: Rings to be heat treated to R/c 47-53 to meet assembly conditions specified below. Ring must expand to pass over shaft Dia. "S" and spring back less than groove Dia. "C".

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Shaft Diameter S			Part No.	Groove Dimensions			Ring Dimensions				Gap G Tol. ± 1/16"	Notch Dimensions		Safe Working Thrust Load
Inches		MM Equiv.		Dia. C ± .006	Width A	Nom. Depth B	Free Diameter		Wire Section			Depth ND +.000 - .030	Width NW Ref.	
Dec.	Fract.						D	Tol.	W ± .005	T ± .002				
2.062	2 1/16	52.37	EN206	1.946	.086 +.005 -.000	.058	1.926	+.000 -.060	.187	.078	.375	.093	5400	
2.125	2 1/8	53.98	EN212	2.003		.061	1.983							.203
2.156	2 5/32	54.76	EN215	2.032		.062	2.012							
2.250	2 1/4	57.15	EN225	2.120		.065	2.100							
2.312	2 5/16	58.73	EN231	2.178		.067	2.158							
2.375	2 3/8	60.33	EN237	2.239		.068	2.219							
2.438	2 7/16	61.93	EN243	2.299		.069	2.279							
2.500	2 1/2	63.50	EN250	2.360		.070	2.340							
2.559		65.00	EN255	2.419		.070	2.399							
2.625	2 5/8	66.68	EN262	2.481		.072	2.461							
2.688	2 11/16	68.28	EN268	2.541	.073	2.521								
2.750	2 3/4	69.85	EN275	2.602	.074	2.577	+.000 -.080	.218	.093	.500	.110	8650		
2.875	2 7/8	73.03	EN287	2.721	.077	2.696								
2.938	2 15/16	74.63	EN293	2.779	.079	2.754								
3.000	3	76.20	EN300	2.838	.081	2.813								
3.062	3 1/16	77.77	EN306	2.898	.082	2.873								
3.125	3 1/8	79.38	EN312	2.957	.084	2.932								
3.156	3 5/32	80.16	EN315	2.986	.085	2.961								
3.250	3 1/4	82.55	EN325	3.076	.087	3.051								
3.346	3 1 1/32	85.00	EN334	3.166	.090	3.141								
3.438	3 7/16	87.33	EN343	3.257	.090	3.232								
3.500	3 1/2	88.90	EN350	3.316	.092	3.286	+.000 -.093	.250	.125	.125	11170			
3.543		90.00	EN354	3.357	.093	3.327								
3.625	3 3/8	92.08	EN362	3.435	.095	3.405								
3.688	3 1 1/16	93.68	EN368	3.493	.097	3.463								
3.750	3 3/4	95.25	EN375	3.552	.099	3.522								
3.875	3 7/8	98.43	EN387	3.673	.101	3.643								
3.938	3 15/16	100.03	EN393	3.734	.102	3.704								
4.000	4	101.60	EN400	3.792	.104	3.762								
4.250	4 1/4	107.95	EN425	4.065	.092	4.025								
4.375	4 3/8	111.13	EN437	4.190	.092	4.150								
4.500	4 1/2	114.30	EN450	4.310	.095	4.270	.281	.109	.562	.150	12000			
4.750	4 3/4	120.65	EN475	4.550	.100	4.510								
5.000	5	127.00	EN500	4.790	.105	4.750								

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