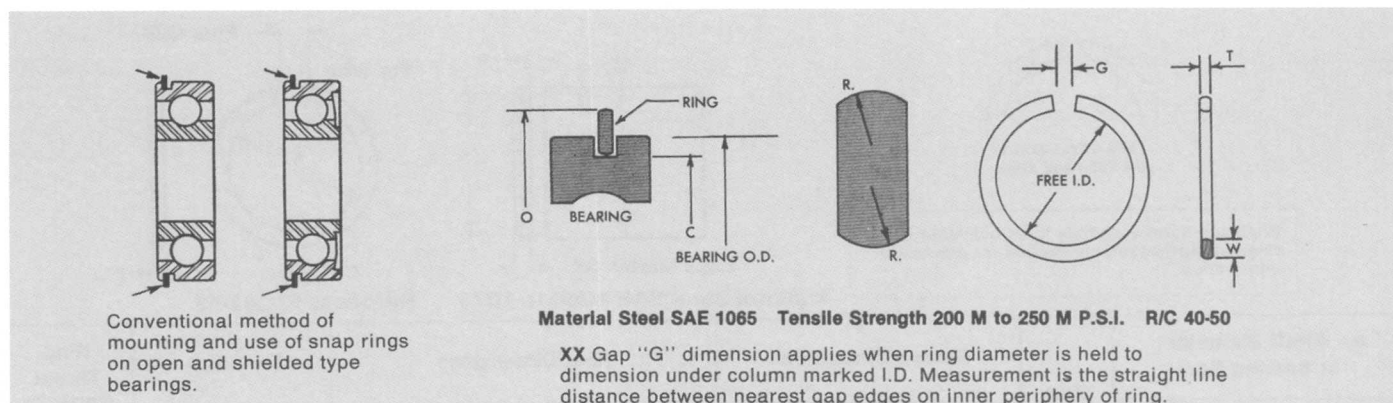


External Retaining Rings for Grooves in Outer Tracks of Ball or Roller Bearings



Bearing Number				Bearing O.D.		Part No.	Groove Dia. C ±.003	Assembled O.D. O	Ring Dimensions—Free			Gap XX G	Radius Max. R	Weight Per M																										
Extra Light	Light	Med.	Heavy	(M.M.) D	(Inches) D				Free I.D.		Width W ± .005				Thick. T ± .002																									
									I.D.	Tol.																														
	37-38			22	.8661	1957	.8125	1.000	.799	+0.000 -0.015	.094	.125	.042	1/8 max.	.035	2.7																								
	200			30	1.1811	743-4	1.109	1.359	1.094	+0.000 -0.020									5.6																					
102	201			32	1.2598	781-2	1.187	1.437	1.172															6.0																
103	202	300		35	1.3780	2046	1.306	1.547	1.291																				6.6											
		301		37	1.4567	2976-1	1.369	1.609	1.354																									7.0						
	203			40	1.5748	939-2	1.500	1.750	1.485																														7.8	
104		302		42	1.6535	954	1.565	1.812	1.550	+0.000 -0.030	.156					7.8																								
105	204	303		47	1.8504	1039	1.756	2.062	1.741													11.0																		
	205	304		52	2.0472	1117-2	1.958	2.265	1.943																			12.1												
106				55	2.1654	3918-1	2.071	2.375	2.056																									12.8						
107	206	305	403	62	2.4409	1245-6	2.347	2.656	2.322																															21.9
108				68	2.6772	2261	2.552	2.922	2.527																															+0.000 -0.046
	207	306	404	72	2.8346	1356-7	2.709	3.078	2.684								30.8																							
109				75	2.9528	3919-1	2.828	3.203	2.803															32.1																
110	208	307	405	80	3.1496	1438-5	3.024	3.406	2.999																						34.2									
	209			85	3.3465	1490-5	3.221	3.594	3.196																						+0.000 -0.062							36.7		
111	210	308	406	90	3.5433	1534-4	3.417	3.797	3.392								56.5																							
112				95	3.7402	3920-1	3.615	3.984	3.590															59.7																
113	211	309	407	100	3.9370	1598-1	3.811	4.187	3.786																													62.1		
114	212	310	408	110	4.3307	1642-3	4.205	4.578	4.180																													+0.000 -0.093		
115				115	4.5276	3126	4.402	4.781	4.377								72.2																							
	213	311	409	120	4.7244	1675-4	4.536	5.094	4.506															128.8																
116	214			125	4.9213	1693	4.733	5.297	4.703																						136.0									
117	215	312	410	130	5.1181	1706-3	4.930	5.500	4.900																						+0.000 -0.125									
118	216	313	411	140	5.5118	1730-5	5.324	5.890	5.294								150.4																							
119				145	5.7087	3921-1	5.521	6.078	5.491															155.0																
120	217	314	412	150	5.9055	1744-5	5.718	6.281	5.688																													160.9		
121	218	315	413	160	6.2992	1764-1	6.111	6.672	6.081																													+0.000 -0.156		
122	219	316		170	6.6929	1773-2	6.443	7.187	6.413								267.4																							
124	220	317	414	180	7.0866	1787-1	6.837	7.594	6.807															284.4																
	221	318	415	190	7.4803	1849-1	7.230	7.984	7.200																						300.1									
126	222	319	416	200	7.8740	2165-2	7.624	8.375	7.594																															
128			417	210	8.2677	3922-1	8.018	8.766	7.987								319.0																							
	224	320		215	8.4646	3923-1	8.215	8.969	8.184															338.4																
130		321	418	225	8.8583	3924-1	8.6083	9.328	8.578																													349.0		
	226			230	9.0551	3925-1	8.8051	9.562	8.775																															
132		322		240	9.4488	3926-1	9.1988	9.953	9.168								375.4																							

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