



DIN 988 Shim Ring Dimensions & Specifications

Thickness			max. = nominal			0.1	0.15	0.2	0.3	0.5	1	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2	
h			min.			0.07	0.12	0.16	0.25	0.45	0.95	1.05	1.15	1.25	1.35	1.45	1.55	1.65	1.75	1.85	1.95	
Inside diameter			Outside diameter			Approximate mass (7.85 kg/dm ³) kg/1000pcs																
d1 (D12)			d2 (d12)																			
Nominal size	min.	max.	Nominal size	min.	max.																	
3	3.02	3.12	6	5.85	5.97	0.017	0.025	0.033	0.05	0.083	0.166	0.183	0.2									
4	4.03	4.15	8	7.81	7.96	0.03	0.044	0.059	0.089	0.148	0.296	0.326	0.355									
5	5.03	5.15	10	9.81	9.96	0.046	0.069	0.092	0.139	0.231	0.462	0.509	0.55									
6	6.03	6.15	12	11.77	11.95	0.067	0.1	0.133	0.2	0.333	0.666	0.732	0.799	0.866	0.932							
7	7.04	7.19	13	12.77	12.95	0.074	0.111	0.148	0.222	0.37	0.74	0.814	0.888	0.962	1.04							
8	8.04	8.19	14	13.77	13.95	0.081	0.122	0.163	0.244	0.407	0.814	0.895	0.977	1.06	1.14	1.22	1.3					
9	9.04	9.19	15	14.77	14.95	0.089	0.133	0.178	0.266	0.444	0.888	0.977	1.07	1.15	1.24	1.33	1.42					
10	10.04	10.19	16	15.77	15.95	0.096	0.144	0.192	0.289		0.962	1.06	1.15	1.25	1.35	1.44	1.54	1.64	1.73			
11	11.05	11.23	17	16.77	16.95	0.104	0.155	0.207	0.311	0.518	1.04	1.14	1.24	1.35	1.45	1.55	1.66	1.76	1.86			
12	12.05	12.23	18	17.77	17.95	0.111	0.166	0.222	0.333	0.555	1.11	1.22	1.33	1.44	1.55	1.66	1.78	1.89	2			
13	13.05	13.23	19	#	#	0.118	0.178	0.237	0.355	0.592	1.18	1.3	1.42	1.54	1.66	1.78	1.89	2.01	2.13	2.25	2.37	
14	14.05	14.23	20	#	#	0.126	0.189	0.252	0.377	0.629	1.26	1.38	1.51	1.64	1.76	1.89	2.01	2.14	2.26	2.39	2.52	
15	15.05	15.23	21	#	#	0.133	0.2	0.266	0.4	0.666	1.33	1.46	1.6	1.73	1.86	2	2.13	2.26	2.4	2.53	2.66	
16	16.05	16.23	22	#	#	0.141	0.211	0.281	0.422	0.703	1.41	1.55	1.69	1.83	1.97	2.11	2.25	2.39	2.53	2.67	2.81	
17	17.05	17.23	24	#	#	0.177	0.265	0.354	0.531	0.885	1.77	1.95	2.12	2.3	2.48	2.65	2.83	3.01	3.19	3.36	3.54	
18	18.05	18.23	25	#	#	0.186	0.278	0.371	0.557	0.928	1.86	2.04	2.23	2.41	2.6	2.78	2.97	3.15	3.34	3.53	3.71	
19	#	#	26	#	#	0.194	0.291	0.388	0.583	0.971	1.94	2.14	2.33	2.52	2.72	2.91	3.11	3.3	3.5	3.69	3.88	
20	#	#	28	#	#	0.237	0.355	0.474	0.71	1.18	2.37	2.6	2.84	3.08	3.31	3.55	3.79	4.02	4.26	4.5	4.74	
22	#	#	30	#	#	0.256	0.385	0.513	0.769	1.28	2.56	2.82	3.08	3.33	3.59	3.85	4.1	4.36	4.62	4.87	5.13	
22	#	#	32	31.67	31.92	0.333	0.499	0.666	0.999	1.66	3.33	3.66	4	4.33	4.66	4.99	5.33	5.66	5.99	6.33	6.66	
25	#	#	35	34.67	34.92	0.37	0.555	0.74	1.11	1.85	3.7	4.07	4.44	4.81	5.18	5.55	5.93	6.29	6.66	7.03	7.4	
25	#	#	36	35.67	35.93	0.414	0.621	0.827	1.24	2.07	4.14	4.55	4.96	5.38	5.79	6.21	6.62	7.03	7.45	7.86	8.27	
26	#	#	37	36.67	36.92	0.427	0.641	0.855	1.28	2.14	4.27	4.7	5.13	5.55	5.98	6.41	6.84	7.26	7.69	8.12	8.55	
28	#	#	40	39.67	39.92	0.503	0.755	1.01	1.51	2.52	5.03	5.53	6.04	6.54	7.04	7.55	8.05	8.55	9.06	9.56	10.1	
30	#	#	42	41.67	41.92	0.533	0.799	1.07	1.6	2.66	5.33	5.86	6.39	6.93	7.46	7.99	8.52	9.06	9.59	10.1	10.7	
32	32.08	32.33	45	44.67	44.92	0.617	0.926	1.23	1.85	3.09	6.17	6.79	7.41	8.02	8.6	9.26	9.87	10.5	11.1	11.7	12.3	
35	35.08	35.33	45	44.67	44.92	0.493	0.74	0.986	1.48	2.47	4.93	5.43	5.92	6.41	6.91	7.4	7.89	8.38	8.88	9.37	9.86	
36	36.08	36.33	45	44.67	44.92	0.449	0.674	0.899	1.35	2.25	4.49	4.94	5.39	5.84	6.29	6.74	7.19	7.64	8.09	8.54	8.99	

