

# O Ring Tolerance

## O style rubber washer standard tolerance comparison list

inner dia. ID/mm	tolerance (+/-)	inner dia. ID/mm	tolerance (+/-)	inner dia. ID/mm	tolerance (+/-)	inner dia. ID/mm	tolerance (+/-)
1.80-2.50	0.13	51.51-53.00	0.48	132.01-136.00	1.1	345.01-355.00	2.56
2.51-4.50	0.14	53.01-54.50	0.5	136.01-140.00	1.13	355.01-365.00	2.62
4.51-6.30	0.15	54.51-56.00	0.51	140.01-145.00	1.17	365.01-375.00	2.68
6.31-8.50	0.16	56.01-58.00	0.52	145.01-150.00	1.2	375.01-387.00	2.76
8.51-10.00	0.17	58.01-60.00	0.54	150.01-155.00	1.24	387.01-400.00	2.84
10.01-11.20	0.18	60.01-61.50	0.55	155.01-160.00	1.27	400.01-412.00	2.91
11.21-14.00	0.19	61.51-63.00	0.56	160.01-165.00	1.31	412.01-425.00	2.99
14.01-16.00	0.2	63.01-65.00	0.58	165.01-170.00	1.34	425.01-437.00	3.07
16.01-18.00	0.21	65.01-67.00	0.59	170.01-175.00	1.38	437.01-450.00	3.15
18.01-20.00	0.22	67.01-69.00	0.61	175.01-180.00	1.41	450.01-462.00	3.22
20.01-21.20	0.23	69.01-71.00	0.63	180.01-185.00	1.44	462.00-475.00	3.3
21.21-23.60	0.24	71.01-73.00	0.64	185.01-190.00	1.48	475.00-487.00	3.37
23.61-25.00	0.25	73.01-75.00	0.66	190.01-195.00	1.51	487.01-500.00	3.45
25.01-26.50	0.26	75.01-77.50	0.67	195.01-200.00	1.55	500.01-515.00	3.54
26.51-28.00	0.28	77.51-80.00	0.69	200.01-206.00	1.59	515.01-530.00	3.63
28.01-30.00	0.29	80.01-82.50	0.71	206.01-212.00	1.63	530.01-545.00	3.72
30.01-31.50	0.31	82.01-85.00	0.73	212.01-218.00	1.67	545.01-560.00	3.81
31.51-33.50	0.32	85.01-87.50	0.75	218.01-224.00	1.71	560.01-580.00	3.93
33.51-34.50	0.33	87.51-90.00	0.77	224.01-230.00	1.75	580.01-600.00	4.05
34.51-35.50	0.34	90.01-92.50	0.79	230.01-236.00	1.79	600.01-615.00	4.13
35.51-36.50	0.35	92.51-95.00	0.81	236.01-243.00	1.83	615.01-630.00	4.22
36.51-37.50	0.36	95.01-97.50	0.83	243.01-250.00	1.88	630.01-650.00	4.34
37.51-38.70	0.37	97.51-100.00	0.85	250.01-258.00	1.93	650.01-670.00	4.46
38.71-40.00	0.38	100.01-103.00	0.87	258.01-265.00	1.98		
40.01-41.20	0.39	103.01-106.00	0.89	265.01-272.00	2.02		
41.21-42.50	0.4	106.01-109.00	0.91	272.01-280.00	2.08		
42.51-43.70	0.41	109.01-112.00	0.93	280.01-290.00	2.14		
43.71-45.00	0.42	112.01-115.00	0.95	290.01-300.00	2.21		
45.01-46.20	0.43	115.01-118.00	0.97	300.01-307.00	2.25		
46.21-47.50	0.44	118.01-122.00	1	307.01-315.00	2.3		