

O-Ring Tolerance Table

ID (mm)	Tolerance ($\pm$)	ID (mm)	Tolerance($\pm$)	ID (mm)	Tolerance ($\pm$)	ID (mm)	Tolerance ($\pm$)
< 1.79	0.12	71.01 ~ 73.00	0.64	206.01 ~ 212.00	1.57	425.01 ~ 429.00	2.96
1.80 ~ 2.80	0.13	73.01 ~ 75.00	0.65	212.01 ~ 218.00	1.61	429.01 ~ 433.00	2.99
2.81 ~ 4.00	0.14	75.01 ~ 77.50	0.67	218.01 ~ 224.00	1.65	433.01 ~ 437.00	3.01
4.01 ~ 5.30	0.15	77.51 ~ 80.00	0.69	224.01 ~ 227.00	1.67	437.01 ~ 443.00	3.05
5.31 ~ 7.10	0.16	80.01 ~ 82.50	0.71	227.01 ~ 230.00	1.69	443.01 ~ 450.00	3.09
7.11 ~ 8.50	0.17	82.51 ~ 85.00	0.72	230.01 ~ 236.00	1.73	450.01 ~ 456.00	3.13
8.51 ~ 9.75	0.18	85.01 ~ 87.50	0.74	236.01 ~ 239.00	1.75	456.01 ~ 462.00	3.17
9.76 ~ 11.80	0.19	87.51 ~ 90.00	0.76	239.01 ~ 243.00	1.77	462.01 ~ 466.00	3.19
11.81 ~ 13.20	0.21	90.01 ~ 92.50	0.77	243.01 ~ 250.00	1.82	466.01 ~ 470.00	3.22
13.21 ~ 15.00	0.22	92.51 ~ 95.00	0.79	250.01 ~ 254.00	1.84	470.01 ~ 475.00	3.25
15.01 ~ 16.00	0.23	95.01 ~ 97.50	0.81	254.01 ~ 258.00	1.87	475.01 ~ 479.00	3.28
16.01 ~ 17.00	0.24	97.51 ~ 100.00	0.82	258.01 ~ 261.00	1.89	479.01 ~ 483.00	3.30
17.01 ~ 19.00	0.25	100.01 ~ 103.00	0.85	261.01 ~ 265.00	1.91	483.01 ~ 487.00	3.33
19.01 ~ 20.60	0.26	103.01 ~ 106.00	0.87	265.01 ~ 268.00	1.92	487.01 ~ 493.00	3.36
20.61 ~ 21.20	0.27	106.01 ~ 109.00	0.89	268.01 ~ 272.00	1.96	493.01 ~ 500.00	3.41
21.21 ~ 22.40	0.28	109.01 ~ 112.00	0.91	272.01 ~ 276.00	1.98	500.01 ~ 508.00	3.46
22.41 ~ 23.60	0.29	112.01 ~ 115.00	0.93	276.01 ~ 280.00	2.01	508.01 ~ 515.00	3.50
23.61 ~ 25.00	0.30	115.01 ~ 118.00	0.95	280.01 ~ 283.00	2.03	515.01 ~ 523.00	3.55
25.01 ~ 26.50	0.31	118.01 ~ 122.00	0.97	283.01 ~ 286.00	2.05	523.01 ~ 530.00	3.60
26.51 ~ 28.00	0.32	112.01 ~ 125.00	0.99	286.01 ~ 290.00	2.08	530.01 ~ 538.00	3.65
28.01 ~ 29.00	0.33	125.01 ~ 128.00	1.01	290.01 ~ 295.00	2.11	538.01 ~ 545.00	3.69
29.01 ~ 30.00	0.34	128.01 ~ 132.00	1.04	295.01 ~ 300.00	2.14	545.01 ~ 553.00	3.74

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ID (mm)	Tolerance (±)	ID (mm)	Tolerance (±)	ID (mm)	Tolerance (±)	ID (mm)	Tolerance (±)
30.01 ~ 31.50	0.35	132.01 ~ 136.00	1.07	300.01 ~ 303.00	2.16	553.01 ~ 560.00	3.78
31.51 ~ 33.50	0.36	136.01 ~ 140.00	1.09	303.01 ~ 307.00	2.19	560.01 ~ 570.00	3.85
33.51 ~ 34.50	0.37	140.01 ~ 142.50	1.11	307.01 ~ 311.00	2.21	570.01 ~ 580.00	3.91
34.51 ~ 36.50	0.38	142.51 ~ 145.00	1.13	311.01 ~ 315.00	2.24	580.01 ~ 590.00	3.97
36.51 ~ 37.50	0.39	145.01 ~ 147.50	1.14	315.01 ~ 320.00	2.27	590.01 ~ 600.00	4.03
37.51 ~ 38.70	0.40	147.51 ~ 150.00	1.16	320.01 ~ 325.00	2.30	600.01 ~ 608.00	4.08
38.71 ~ 40.00	0.41	150.01 ~ 152.50	1.18	325.01 ~ 330.00	2.33	608.01 ~ 615.00	4.12
40.01 ~ 41.20	0.42	152.51 ~ 155.00	1.19	330.01 ~ 335.00	2.36	615.00 ~ 623.00	4.17
41.21 ~ 42.50	0.43	155.01 ~ 157.50	1.21	335.01 ~ 340.00	2.40	623.01 ~ 630.00	4.22
42.51 ~ 45.00	0.44	157.51 ~ 160.00	1.23	340.01 ~ 345.00	2.43	630.01 ~ 640.00	4.28
45.01 ~ 46.20	0.45	160.01 ~ 162.50	1.24	345.01 ~ 350.00	2.46	640.01 ~ 650.00	4.34
46.21 ~ 47.50	0.46	162.51 ~ 165.00	1.26	350.01 ~ 355.00	2.49	650.01 ~ 660.00	4.40
47.51 ~ 48.70	0.47	165.00 ~ 167.50	1.28	355.01 ~ 360.00	2.52	660.01 ~ 670.00	4.47
48.71 ~ 50.00	0.48	167.51 ~ 170.00	1.29	360.01 ~ 365.00	2.56	ID > 670mm, Tolerance= ID*0.64%	