

# ISO 3601 Metric O-Ring Size Chart

Metric size reference for international engineering use.

## Overview

ISO 3601 is the global metric O-ring standard. This reference lists nominal inside diameter, cross section, and tolerance class for common ISO 3601 sizes.

## ISO 3601 Size Table

ID x CS	ID mm	CS mm	Tol. Class
1.80x1.80	1.80	1.80	N
2.00x1.80	2.00	1.80	N
2.24x1.80	2.24	1.80	N
2.50x1.80	2.50	1.80	N
2.80x1.80	2.80	1.80	N
3.15x1.80	3.15	1.80	N
3.55x1.80	3.55	1.80	N
3.75x1.80	3.75	1.80	N
4.00x1.80	4.00	1.80	N
4.50x1.80	4.50	1.80	N
4.75x1.80	4.75	1.80	N
4.87x1.80	4.87	1.80	N
5.00x1.80	5.00	1.80	N
5.15x1.80	5.15	1.80	N
5.30x1.80	5.30	1.80	N
5.60x1.80	5.60	1.80	N
6.00x1.80	6.00	1.80	N
6.30x1.80	6.30	1.80	N
6.70x1.80	6.70	1.80	N
6.90x1.80	6.90	1.80	N
7.10x1.80	7.10	1.80	N
7.50x1.80	7.50	1.80	N
8.00x1.80	8.00	1.80	N
8.50x1.80	8.50	1.80	N
8.75x1.80	8.75	1.80	N
9.00x1.80	9.00	1.80	N
9.50x1.80	9.50	1.80	N
10.00x1.80	10.00	1.80	N
10.60x1.80	10.60	1.80	N
11.20x1.80	11.20	1.80	N

ID x CS	ID mm	CS mm	Tol. Class
11.60x1.80	11.60	1.80	N
11.80x1.80	11.80	1.80	N
12.10x1.80	12.10	1.80	N
12.50x1.80	12.50	1.80	N
13.20x1.80	13.20	1.80	N
14.00x1.80	14.00	1.80	N
14.50x1.80	14.50	1.80	N
15.00x1.80	15.00	1.80	N
15.50x1.80	15.50	1.80	N
16.00x1.80	16.00	1.80	N
17.00x1.80	17.00	1.80	N
18.00x1.80	18.00	1.80	N

ID x CS	ID mm	CS mm	Tol. Class
19.00x1.80	19.00	1.80	N
20.00x1.80	20.00	1.80	N
21.20x1.80	21.20	1.80	N
22.40x1.80	22.40	1.80	N
23.00x1.80	23.00	1.80	N
23.60x1.80	23.60	1.80	N
24.30x1.80	24.30	1.80	N
25.00x1.80	25.00	1.80	N
25.80x1.80	25.80	1.80	N
26.50x1.80	26.50	1.80	N
27.30x1.80	27.30	1.80	N
28.00x1.80	28.00	1.80	N
30.00x1.80	30.00	1.80	N
31.50x1.80	31.50	1.80	N
32.50x1.80	32.50	1.80	N
33.50x1.80	33.50	1.80	N
34.50x1.80	34.50	1.80	N
35.50x1.80	35.50	1.80	N
36.50x1.80	36.50	1.80	N
37.50x1.80	37.50	1.80	N
38.70x1.80	38.70	1.80	N
40.00x1.80	40.00	1.80	N
41.20x1.80	41.20	1.80	N
42.50x1.80	42.50	1.80	N
43.70x1.80	43.70	1.80	N
45.00x1.80	45.00	1.80	N

ID x CS	ID mm	CS mm	Tol. Class
46.20x1.80	46.20	1.80	N
47.50x1.80	47.50	1.80	N
48.70x1.80	48.70	1.80	N
50.00x1.80	50.00	1.80	N
51.50x1.80	51.50	1.80	N
53.00x1.80	53.00	1.80	N
54.50x1.80	54.50	1.80	N
56.00x1.80	56.00	1.80	N
58.00x1.80	58.00	1.80	N
60.00x1.80	60.00	1.80	N
61.50x1.80	61.50	1.80	N
63.00x1.80	63.00	1.80	N
65.00x1.80	65.00	1.80	N
67.00x1.80	67.00	1.80	N
69.00x1.80	69.00	1.80	N
71.00x1.80	71.00	1.80	N

ID x CS	ID mm	CS mm	Tol. Class
73.00x1.80	73.00	1.80	N
75.00x1.80	75.00	1.80	N
77.50x1.80	77.50	1.80	N
80.00x1.80	80.00	1.80	N
82.50x1.80	82.50	1.80	N
85.00x1.80	85.00	1.80	N
87.50x1.80	87.50	1.80	N
90.00x1.80	90.00	1.80	N
92.50x1.80	92.50	1.80	N
95.00x1.80	95.00	1.80	N
97.50x1.80	97.50	1.80	N
100.00x1.80	100.00	1.80	N
103.00x1.80	103.00	1.80	N
106.00x1.80	106.00	1.80	N
109.00x1.80	109.00	1.80	N
112.00x1.80	112.00	1.80	N
115.00x1.80	115.00	1.80	N
118.00x1.80	118.00	1.80	N
122.00x1.80	122.00	1.80	N
125.00x1.80	125.00	1.80	N
128.00x1.80	128.00	1.80	N
132.00x1.80	132.00	1.80	N

ID x CS	ID mm	CS mm	Tol. Class
136.00x1.80	136.00	1.80	N
140.00x1.80	140.00	1.80	N
145.00x1.80	145.00	1.80	N
150.00x1.80	150.00	1.80	N
155.00x1.80	155.00	1.80	N
160.00x1.80	160.00	1.80	N
165.00x1.80	165.00	1.80	N
170.00x1.80	170.00	1.80	N
175.00x1.80	175.00	1.80	N
180.00x1.80	180.00	1.80	N
185.00x1.80	185.00	1.80	N
190.00x1.80	190.00	1.80	N
195.00x1.80	195.00	1.80	N
200.00x1.80	200.00	1.80	N
206.00x1.80	206.00	1.80	N
212.00x1.80	212.00	1.80	N
218.00x1.80	218.00	1.80	N
224.00x1.80	224.00	1.80	N
230.00x1.80	230.00	1.80	N
236.00x1.80	236.00	1.80	N

ID x CS	ID mm	CS mm	Tol. Class
243.00x1.80	243.00	1.80	N
250.00x1.80	250.00	1.80	N
7.50x2.65	7.50	2.65	N
8.00x2.65	8.00	2.65	N
8.50x2.65	8.50	2.65	N
9.00x2.65	9.00	2.65	N
9.50x2.65	9.50	2.65	N
10.00x2.65	10.00	2.65	N
10.60x2.65	10.60	2.65	N
11.20x2.65	11.20	2.65	N
11.80x2.65	11.80	2.65	N
12.50x2.65	12.50	2.65	N
13.20x2.65	13.20	2.65	N
14.00x2.65	14.00	2.65	N
15.00x2.65	15.00	2.65	N
16.00x2.65	16.00	2.65	N
17.00x2.65	17.00	2.65	N
18.00x2.65	18.00	2.65	N

ID x CS	ID mm	CS mm	Tol. Class
19.00x2.65	19.00	2.65	N
20.00x2.65	20.00	2.65	N
21.20x2.65	21.20	2.65	N
22.40x2.65	22.40	2.65	N
23.60x2.65	23.60	2.65	N
25.00x2.65	25.00	2.65	N
25.80x2.65	25.80	2.65	N
26.50x2.65	26.50	2.65	N
28.00x2.65	28.00	2.65	N
30.00x2.65	30.00	2.65	N
31.50x2.65	31.50	2.65	N
32.50x2.65	32.50	2.65	N
33.50x2.65	33.50	2.65	N
34.50x2.65	34.50	2.65	N
35.50x2.65	35.50	2.65	N
36.50x2.65	36.50	2.65	N
37.50x2.65	37.50	2.65	N
38.70x2.65	38.70	2.65	N
40.00x2.65	40.00	2.65	N
41.20x2.65	41.20	2.65	N
42.50x2.65	42.50	2.65	N
43.70x2.65	43.70	2.65	N
45.00x2.65	45.00	2.65	N
46.20x2.65	46.20	2.65	N

ID x CS	ID mm	CS mm	Tol. Class
47.50x2.65	47.50	2.65	N
48.70x2.65	48.70	2.65	N
50.00x2.65	50.00	2.65	N
51.50x2.65	51.50	2.65	N
53.00x2.65	53.00	2.65	N
54.50x2.65	54.50	2.65	N
56.00x2.65	56.00	2.65	N
58.00x2.65	58.00	2.65	N
60.00x2.65	60.00	2.65	N
61.50x2.65	61.50	2.65	N
63.00x2.65	63.00	2.65	N
65.00x2.65	65.00	2.65	N
67.00x2.65	67.00	2.65	N
69.00x2.65	69.00	2.65	N

ID x CS	ID mm	CS mm	Tol. Class
71.00x2.65	71.00	2.65	N
73.00x2.65	73.00	2.65	N
75.00x2.65	75.00	2.65	N
77.50x2.65	77.50	2.65	N
80.00x2.65	80.00	2.65	N
82.50x2.65	82.50	2.65	N
85.00x2.65	85.00	2.65	N
87.50x2.65	87.50	2.65	N
90.00x2.65	90.00	2.65	N
92.50x2.65	92.50	2.65	N
95.00x2.65	95.00	2.65	N
97.50x2.65	97.50	2.65	N
100.00x2.65	100.00	2.65	N
103.00x2.65	103.00	2.65	N
106.00x2.65	106.00	2.65	N
109.00x2.65	109.00	2.65	N
112.00x2.65	112.00	2.65	N
115.00x2.65	115.00	2.65	N
118.00x2.65	118.00	2.65	N
122.00x2.65	122.00	2.65	N
125.00x2.65	125.00	2.65	N
128.00x2.65	128.00	2.65	N
132.00x2.65	132.00	2.65	N
136.00x2.65	136.00	2.65	N
140.00x2.65	140.00	2.65	N
145.00x2.65	145.00	2.65	N
150.00x2.65	150.00	2.65	N
155.00x2.65	155.00	2.65	N

ID x CS	ID mm	CS mm	Tol. Class
160.00x2.65	160.00	2.65	N
165.00x2.65	165.00	2.65	N
170.00x2.65	170.00	2.65	N
175.00x2.65	175.00	2.65	N
180.00x2.65	180.00	2.65	N
185.00x2.65	185.00	2.65	N
190.00x2.65	190.00	2.65	N
195.00x2.65	195.00	2.65	N
200.00x2.65	200.00	2.65	N
206.00x2.65	206.00	2.65	N

ID x CS	ID mm	CS mm	Tol. Class
212.00x2.65	212.00	2.65	N
218.00x2.65	218.00	2.65	N
224.00x2.65	224.00	2.65	N
230.00x2.65	230.00	2.65	N
236.00x2.65	236.00	2.65	N
243.00x2.65	243.00	2.65	N
250.00x2.65	250.00	2.65	N
26.00x3.55	26.00	3.55	N
28.00x3.55	28.00	3.55	N
30.00x3.55	30.00	3.55	N
31.50x3.55	31.50	3.55	N
32.50x3.55	32.50	3.55	N
33.50x3.55	33.50	3.55	N
34.50x3.55	34.50	3.55	N
35.50x3.55	35.50	3.55	N
36.50x3.55	36.50	3.55	N
37.50x3.55	37.50	3.55	N
38.70x3.55	38.70	3.55	N
40.00x3.55	40.00	3.55	N
41.20x3.55	41.20	3.55	N
42.50x3.55	42.50	3.55	N
43.70x3.55	43.70	3.55	N
45.00x3.55	45.00	3.55	N
46.20x3.55	46.20	3.55	N
47.50x3.55	47.50	3.55	N
48.70x3.55	48.70	3.55	N
50.00x3.55	50.00	3.55	N
51.50x3.55	51.50	3.55	N
53.00x3.55	53.00	3.55	N
54.50x3.55	54.50	3.55	N
56.00x3.55	56.00	3.55	N
58.00x3.55	58.00	3.55	N

ID x CS	ID mm	CS mm	Tol. Class
60.00x3.55	60.00	3.55	N
61.50x3.55	61.50	3.55	N
63.00x3.55	63.00	3.55	N
65.00x3.55	65.00	3.55	N
67.00x3.55	67.00	3.55	N
69.00x3.55	69.00	3.55	N

ID x CS	ID mm	CS mm	Tol. Class
71.00x3.55	71.00	3.55	N
73.00x3.55	73.00	3.55	N
75.00x3.55	75.00	3.55	N
77.50x3.55	77.50	3.55	N
80.00x3.55	80.00	3.55	N
82.50x3.55	82.50	3.55	N
85.00x3.55	85.00	3.55	N
87.50x3.55	87.50	3.55	N
90.00x3.55	90.00	3.55	N
92.50x3.55	92.50	3.55	N
95.00x3.55	95.00	3.55	N
97.50x3.55	97.50	3.55	N
100.00x3.55	100.00	3.55	N
103.00x3.55	103.00	3.55	N
106.00x3.55	106.00	3.55	N
109.00x3.55	109.00	3.55	N
112.00x3.55	112.00	3.55	N
115.00x3.55	115.00	3.55	N
118.00x3.55	118.00	3.55	N
122.00x3.55	122.00	3.55	N
125.00x3.55	125.00	3.55	N
128.00x3.55	128.00	3.55	N
132.00x3.55	132.00	3.55	N
136.00x3.55	136.00	3.55	N
140.00x3.55	140.00	3.55	N
145.00x3.55	145.00	3.55	N
150.00x3.55	150.00	3.55	N
155.00x3.55	155.00	3.55	N
160.00x3.55	160.00	3.55	N
165.00x3.55	165.00	3.55	N
170.00x3.55	170.00	3.55	N
175.00x3.55	175.00	3.55	N
180.00x3.55	180.00	3.55	N
185.00x3.55	185.00	3.55	N
190.00x3.55	190.00	3.55	N
195.00x3.55	195.00	3.55	N
ID x CS	ID mm	CS mm	Tol. Class
200.00x3.55	200.00	3.55	N