

## Japanese Series

Japanese G-Series

ID (mm)	CS (mm)	JIS B 2401
24.4	3.1	G-25
29.4	3.1	G-30
34.4	3.1	G-35
39.4	3.1	G-40
44.4	3.1	G-45
49.4	3.1	G-50
54.4	3.1	G-55
59.4	3.1	G-60
64.4	3.1	G-65
69.4	3.1	G-70
74.5	3.1	G-75
79.4	3.1	G-80
84.4	3.1	G-85
89.4	3.1	G-90
94.4	3.1	G-95
99.4	3.1	G-100
104.4	3.1	G-105
109.4	3.1	G-110
114.4	3.1	G-115
119.4	3.1	G-120
124.4	3.1	G-125
129.4	3.1	G-130
134.4	3.1	G-135
139.4	3.1	G-140
144.4	3.1	G-145
149.3	5.7	G-150
154.3	5.7	G-155
159.3	5.7	G-160
164.3	5.7	G-165
169.3	5.7	G-170
174.3	5.7	G-175
179.3	5.7	G-180
184.3	5.7	G-185
189.3	5.7	G-190
194.3	5.7	G-195
199.3	5.7	G-200
204.3	5.7	G-205
209.3	5.7	G-210
214.3	5.7	G-215
219.3	5.7	G-220
224.3	5.7	G-225
229.3	5.7	G-230
234.3	5.7	G-235
239.3	5.7	G-240
244.3	5.7	G-245
249.3	5.7	G-250
254.3	5.7	G-255
259.3	5.7	G-260
264.3	5.7	G-265
269.3	5.7	G-270
274.3	5.7	G-275
279.3	5.7	G-280
284.3	5.7	G-285
289.3	5.7	G-290
294.3	5.7	G-295
299.3	5.7	G-300
304.3	5.7	G-305
309.3	5.7	G-310
314.3	5.7	G-315
319.3	5.7	G-320
324.3	5.7	G-325
329.3	5.7	G-330
334.3	5.7	G-335
339.3	5.7	G-340
344.5	5.7	G-345
349.3	5.7	G-350
354.3	5.7	G-355
359.3	5.7	G-360
364.3	5.7	G-365
369.3	5.7	G-370
374.3	5.7	G-375
379.3	5.7	G-380
384.3	5.7	G-385
389.3	5.7	G-390
394.3	5.7	G-395
399.3	5.7	G-400

Japanese G-Series

ID (mm)	CS (mm)	JIS B 2401
404.3	5.7	G-405
409.3	5.7	G-410
419.3	5.7	G-420
424.3	5.7	G-425
429.3	5.7	G-430
434.3	5.7	G-435
439.3	5.7	G-440
444.3	5.7	G-445
449.3	5.7	G-450
459.3	5.7	G-460
464.3	5.7	G-465
474.3	5.7	G-475
479.3	5.7	G-480
484.3	5.7	G-485
489.3	5.7	G-490
499.3	5.7	G-500
534.5	5.7	G-535
639.6	5.7	G-640
689.3	5.7	G-690
804.2	5.7	G-805

Japanese S-Series

ID (mm)	CS (mm)	JIS B 2401
2.5	1.5	S-3
3.5	1.5	S-4
4.5	1.5	S-5
5.5	1.5	S-6
6.5	1.5	S-7
7.5	1.5	S-8
8.5	1.5	S-9
9.5	1.5	S-10
10.5	1.5	S-11
10.7	1.5	S-11.2
11.5	1.5	S-12
12.5	1.5	S-13
13.5	1.5	S-14
14.5	1.5	S-15
15.5	1.5	S-16
16.5	1.5	S-17
17.5	1.5	S-18
18.5	1.5	S-19
19.5	1.5	S-20
21.5	1.5	S-22
21.9	2	S-22.4
23.5	2	S-24
24.5	2	S-25
25.5	2	S-26
27.5	2	S-28
28.5	2	S-29
29.5	2	S-30
31.5	2	S-32
33.5	2	S-34
34.5	2	S-35
35.5	2	S-36
37.5	2	S-38
39.5	2	S-40
44.5	2	S-45
45.5	2	S-46
49.5	2	S-50
52.5	2	S-53
54.5	2	S-55
59.5	2	S-60
62.5	2	S-63
64.5	2	S-65
79.5	2	S-80
84.5	2	S-85
89.5	2	S-90
99.5	2	S-100
104.5	2	S-105
109.5	2	S-110
114.5	2	S-115
119.5	2	S-120
124.5	2	S-125
129.5	2	S-130
134.5	2	S-135
139.5	2	S-140
144.5	2	S-145
149.5	2	S-150
159.5	2	S-160
169.5	2	S-170
194.5	2	S-195

Japanese P-Series

ID (mm)	CS (mm)	JIS B 2401
2.8	1.9	P-3
3.8	1.9	P-4
4.8	1.9	P-5
5.8	1.9	P-6
6.8	1.9	P-7
7.8	1.9	P-8
8.8	1.9	P-9
9.8	1.9	P-10
9.8	2.4	P-10A
10.8	2.4	P-11
11.0	2.4	P-11.2
11.8	2.4	P-12
12.3	2.4	P-12.5
12.8	2.4	P-13
13.8	2.4	P-14
14.8	2.4	P-15
15.8	2.4	P-16
16.6	2.4	P-17
17.8	2.4	P-18
18.6	2.4	P-19
19.8	2.4	P-20
20.8	2.4	P-21
21.8	2.4	P-22
21.7	3.5	P-22A
22.1	3.5	P-22.4
23.7	3.5	P-24
24.7	3.5	P-25
25.2	3.5	P-25.5
25.7	3.5	P-26
27.7	3.5	P-28
28.7	3.5	P-29
29.2	3.5	P-29.5
29.7	3.5	P-30
30.7	3.5	P-31
31.2	3.5	P-31.5
31.7	3.5	P-32
33.7	3.5	P-34
34.7	3.5	P-35
35.2	3.5	P-35.5
35.7	3.5	P-36
37.7	3.5	P-38
38.7	3.5	P-39
39.7	3.5	P-40
40.7	3.5	P-41
41.7	3.5	P-42
43.7	3.5	P-44
44.7	3.5	P-45
45.7	3.5	P-46
47.7	3.5	P-48
48.7	3.5	P-49
49.7	3.5	P-50
47.6	5.7	P-48A
49.6	5.7	P-50A
51.6	5.7	P-52
52.6	5.7	P-53
54.6	5.7	P-55
55.6	5.7	P-56
57.6	5.7	P-58
59.6	5.7	P-60
61.6	5.7	P-62
62.6	5.7	P-63
64.6	5.7	P-65
66.6	5.7	P-67
69.6	5.7	P-70
70.6	5.7	P-71
74.6	5.7	P-75
79.6	5.7	P-80
84.6	5.7	P-85
89.6	5.7	P-90
94.6	5.7	P-95
99.6	5.7	P-100
101.6	5.7	P-102
104.6	5.7	P-105
109.6	5.7	P-110
111.6	5.7	P-112
114.6	5.7	P-115
116.6	5.7	P-112
119.6	5.7	P-120

Japanese V-Series

ID (mm)	CS (mm)	JIS B 2401
14.5	4	V-15
23.5	4	V-24
33.5	4	V-34
39.5	4	V-40
54.5	4	V-55
69.0	4	V-70
84.0	4	V-85
99.0	4	V-100
119.0	4	V-120
148.5	4	V-150
173.0	4	V-175
222.5	6	V-225
272.0	6	V-275
321.5	6	V-325
376.0	6	V-380
425.5	6	V-430
475.0	10	V-480
524.5	10	V-530
579.0	10	V-585
633.5	10	V-640
683.0	10	V-690
782.0	10	V-790

ID (mm)	CS (mm)	JIS B 2401
124.6	5.7	P-125
129.6	5.7	P-130
131.6	5.7	P-132
134.6	5.7	P-135
139.6	5.7	P-140
144.6	5.7	P-145
149.6	5.7	P-150
149.5	8.4	P-150A
154.5	8.4	P-155
159.5	8.4	P-160
164.5	8.4	P-165
169.5	8.4	P-170
174.5	8.4	P-175
179.5	8.4	P-180
184.5	8.4	P-185
189.5	8.4	P-190
194.5	8.4	P-195
199.5	8.4	P-200
204.5	8.4	P-205
208.5	8.4	P-209
209.5	8.4	P-210
214.5	8.4	P-215
219.5	8.4	P-220
224.5	8.4	P-225
229.5	8.4	P-230
234.5	8.4	P-235
239.5	8.4	P-240
244.5	8.4	P-245
249.5	8.4	P-250
254.5	8.4	P-255
259.5	8.4	P-260
264.5	8.4	P-265
269.5	8.4	P-270
274.5	8.4	P-275
279.5	8.4	P-280
284.5	8.4	P-285
289.5	8.4	P-290
294.5	8.4	P-295
299.5	8.4	P-300
304.5	8.4	P-305
309.5	8.4	P-310
314.5	8.4	P-315
319.5	8.4	P-320
329.5	8.4	P-330
334.5	8.4	P-335
339.5	8.4	P-340
344.5	8.4	P-345
349.5	8.4	P-350
354.5	8.4	P-355
359.5	8.4	P-360
369.5	8.4	P-370
374.5	8.4	P-375
379.5	8.4	P-380
384.5	8.4	P-385
399.5	8.4	P-400
409.5	8.4	P-410
419.5	8.4	P-420
429.5	8.4	P-430
434.5	8.4	P-435
439.5	8.4	P-440
459.5	8.4	P-460
474.5	8.4	P-475
484.5	8.4	P-485
533.0	8.4	P-535
719.0	11.5	P-720

