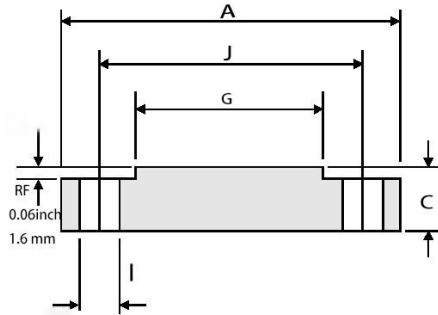


Blind Flanges - ANSI B16.5

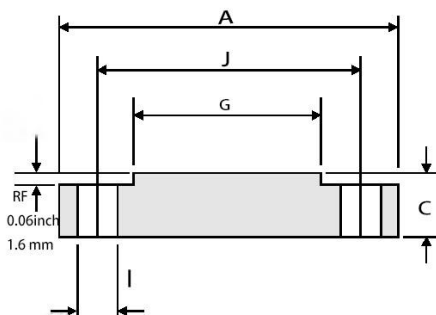


Blind flange dimensions class 150 (ASME B16.5)

Pipe	Flange Data		Raised Face	Drilling Data			Weight
Nominal Pipe Size in	A	C	G	H	I	J	kg/piece
	Outside Diameter	Flange Thickness min	Face Diameter	Number of Holes	Bolt Hole Diameter	Diameter of Circle of Holes	
	in mm	in mm	in mm		in mm	in mm	
1/2	3.500 88.90	0.440 11.20	1.380 35.10	4	0.620 15.70	2.380 60.45	0.42
3/4	3.880 98.60	0.500 12.70	1.690 42.90	4	0.620 15.70	2.750 69.85	0.61
1	4.250 108.0	0.560 14.20	2.000 50.80	4	0.620 15.70	3.120 79.25	0.86
1 1/4	4.620 117.3	0.620 15.70	2.500 63.50	4	0.620 15.70	3.500 88.90	1.17
1 1/2	5.000 127.0	0.690 17.50	2.880 73.15	4	0.620 15.70	3.880 98.60	1.53
2	6.000 152.4	0.750 19.10	3.620 91.90	4	0.750 19.10	4.750 120.7	2.42
2 1/2	7.000 177.8	0.880 22.40	4.120 104.6	4	0.750 19.10	5.500 139.7	3.94
3	7.500 190.5	0.940 23.90	5.000 127.0	4	0.750 19.10	6.000 152.4	4.93
3 1/2	8.500 215.9	0.940 23.90	5.500 139.7	8	0.750 19.10	7.000 177.8	6.17
4	9.000 228.6	0.940 23.90	6.190 157.2	8	0.750 19.10	7.500 190.5	7.00
5	10.00 254.0	0.940 23.90	7.310 185.7	8	0.880 22.40	8.500 215.9	8.63
6	11.00 279.4	1.000 25.40	8.500 215.9	8	0.880 22.40	9.500 241.3	11.3
8	13.50 342.9	1.120 28.40	10.62 269.7	8	0.880 22.40	11.75 298.5	19.6
10	16.00 406.4	1.190 30.20	12.75 323.9	12	1.000 25.40	14.25 362.0	28.8
12	19.00 482.6	1.250 31.75	15.00 381.0	12	1.000 25.40	17.00 431.8	43.2
14	21.00 533.4	1.380 35.10	16.25 412.8	12	1.120 28.40	18.75 476.3	58.1
16	23.50 596.9	1.440 36.60	18.50 469.9	16	1.120 28.40	21.25 539.8	76.0
18	25.00 635.0	1.560 39.60	21.00 533.4	16	1.250 31.75	22.75 577.9	93.7
20	27.50 698.5	1.690 42.90	23.00 584.2	20	1.250 31.75	25.00 635.0	122
24	32.00 812.8	1.880 47.80	27.25 692.2	20	1.380 35.10	29.50 749.3	185

- Weights are based on manufacturer's data and are approximate.

Blind Flanges - ANSI B16.5

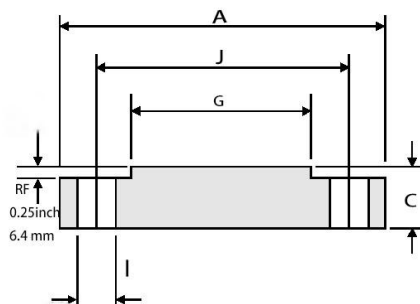


Blind flange dimensions class 300 (ASME B16.5)

Pipe	Flange Data		Raised Face	Drilling Data			Weight
Nominal Pipe Size in	A	C	G	H	I	J	kg/piece
	Outside Diameter	Flange Thickness min	Face Diameter	Number of Holes	Bolt Hole Diameter	Diameter of Circle of Holes	
	in mm	in mm	in mm		in mm	in mm	
1/2	3.750 95.20	0.560 14.20	1.380 35.10	4	0.620 15.70	2.620 66.55	0.64
3/4	4.620 117.3	0.620 15.70	1.690 42.90	4	0.750 19.00	3.250 82.50	1.11
1	4.880 123.9	0.690 17.50	2.000 50.80	4	0.750 19.00	3.500 88.90	1.39
1 1/4	5.250 133.3	0.750 19.00	2.500 63.50	4	0.750 19.00	3.880 98.50	1.79
1 1/2	6.120 155.4	0.810 20.60	2.880 73.15	4	0.880 22.3	4.500 114.3	2.66
2	6.500 165.1	0.880 22.30	3.620 91.90	8	0.750 19.10	5.000 127.0	3.18
2 1/2	7.500 190.5	1.000 25.40	4.120 104.6	8	0.880 22.30	5.880 149.3	4.85
3	8.250 209.5	1.120 28.40	5.000 127.0	8	0.880 22.30	6.620 168.1	6.81
3 1/2	9.000 228.6	1.190 30.20	5.500 139.7	8	0.880 22.30	7.250 184.1	8.71
4	10.00 254.0	1.250 31.70	6.190 157.2	8	0.880 22.30	7.800 200.1	11.5
5	11.00 279.4	1.380 35.00	7.310 185.7	8	0.880 22.30	9.250 234.9	15.6
6	12.50 317.5	1.440 36.50	8.500 215.9	12	0.880 22.30	10.62 269.7	20.9
8	15.00 381.0	1.620 41.10	10.62 269.7	12	1.000 25.40	13.00 330.2	34.3
10	17.50 444.5	1.880 47.70	12.75 323.9	16	1.120 28.40	15.25 387.3	53.3
12	20.50 520.7	2.000 50.80	15.00 381.0	16	1.250 31.70	17.75 450.8	78.8
14	23.00 584.2	2.120 53.80	16.25 412.8	20	1.250 31.70	20.25 514.3	105
16	25.50 647.7	2.250 57.15	18.50 469.9	20	1.380 35.00	22.50 571.5	137
18	28.00 711.2	2.380 60.45	21.00 533.4	24	1.380 35.00	24.75 628.6	175
20	30.50 774.7	2.500 63.50	23.00 584.2	24	1.380 35.00	27.00 685.8	221
24	36.00 914.4	2.750 69.85	27.25 692.2	24	1.620 41.10	32.00 812.8	339

- Weights are based on manufacturer's data and are approximate.

Blind Flanges - ANSI B16.5

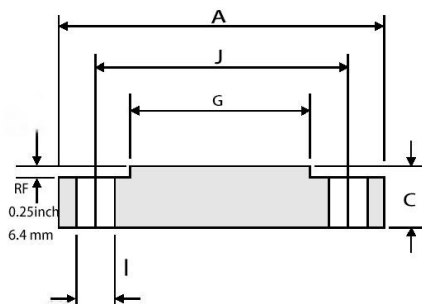


Blind flange dimensions class 400 (ASME B16.5)

Pipe	Flange Data		Raised Face	Drilling Data			Weight
Nominal Pipe Size in	A	C	G	H	I	J	kg/piece
	Outside Diameter	Flange Thickness min	Face Diameter	Number of Holes	Bolt Hole Diameter	Diameter of Circle of Holes	
	in mm	in mm	in mm		in mm	in mm	
1/2	3.750 95.20	0.560 14.20	1.380 35.10	4	0.620 15.70	2.620 66.55	0.76
3/4	4.620 117.3	0.620 15.70	1.690 42.90	4	0.750 19.10	3.250 82.60	1.28
1	4.880 123.9	0.690 17.50	2.000 50.80	4	0.750 19.10	3.500 88.90	1.60
1 1/4	5.250 133.3	0.810 20.60	2.500 63.50	4	0.750 19.10	3.880 98.60	2.23
1 1/2	6.120 155.4	0.880 22.30	2.880 73.15	4	0.880 22.40	4.500 114.3	3.25
2	6.500 165.1	1.000 25.40	3.620 91.90	8	0.750 19.10	5.000 127.0	4.15
2 1/2	7.500 190.5	1.120 28.40	4.120 104.6	8	0.880 22.40	5.880 149.4	6.13
3	8.250 209.5	1.250 31.70	5.000 127.0	8	0.880 22.40	6.620 168.1	8.44
3 1/2	9.000 228.6	1.380 35.00	5.500 139.7	8	1.000 25.40	7.250 184.2	11.0
4	10.00 254.0	1.380 35.10	6.190 157.2	8	1.000 25.40	7.880 200.2	13.7
5	11.00 279.4	1.500 38.10	7.310 185.7	8	1.000 25.40	9.250 235.0	18.5
6	12.50 317.5	1.620 41.10	8.500 215.9	12	1.000 25.40	10.62 269.7	25.5
8	15.00 381.0	1.880 47.80	10.62 269.7	12	1.120 28.40	13.00 330.2	42.6
10	17.50 444.5	2.120 53.80	12.75 323.9	16	1.250 31.75	15.25 387.4	64.5
12	20.50 520.7	2.250 57.15	15.00 381.0	16	1.380 35.10	17.75 450.9	94.30
14	23.00 584.2	2.380 60.45	16.25 412.8	20	1.380 35.10	20.25 514.4	124
16	25.50 647.7	2.500 63.50	18.50 469.9	20	1.500 38.10	22.50 571.5	162
18	28.00 711.2	2.620 66.55	21.00 533.4	24	1.500 38.10	24.75 628.7	205
20	30.50 774.7	2.750 69.85	23.00 584.2	24	1.620 41.10	27.00 685.8	254
24	36.00 914.4	3.000 76.20	27.25 692.2	24	1.880 47.80	32.00 812.8	386

- Weights are based on manufacturer's data and are approximate.

Blind Flanges - ANSI B16.5

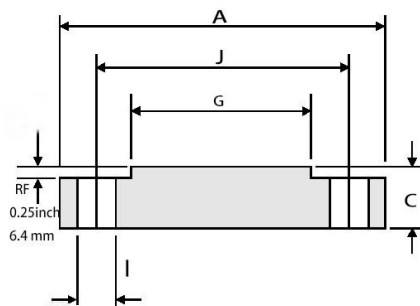


Blind flange dimensions class 600 (ASME B16.5)

Pipe	Flange Data		Raised Face	Drilling Data			Weight
Nominal Pipe Size in	A	C	G	H	I	J	kg/piece
	Outside Diameter	Flange Thickness min	Face Diameter	Number of Holes	Bolt Hole Diameter	Diameter of Circle of Holes	
	in mm	in mm	in mm		in mm	in mm	
1/2	3.750 95.20	0.560 14.20	1.380 35.10	4	0.620 15.70	2.620 66.55	0.76
3/4	4.620 117.3	0.620 15.70	1.690 42.90	4	0.750 19.10	3.250 82.60	1.28
1	4.880 123.9	0.690 17.50	2.000 50.80	4	0.750 19.10	3.500 88.90	1.60
1 1/4	5.250 133.3	0.810 20.60	2.500 63.50	4	0.750 19.10	3.880 98.60	2.23
1 1/2	6.120 155.4	0.880 22.30	2.880 73.15	4	0.880 22.40	4.500 114.3	3.25
2	6.500 165.1	1.000 25.40	3.620 91.90	8	0.750 19.10	5.000 127.0	4.15
2 1/2	7.500 190.5	1.120 28.40	4.120 104.6	8	0.880 22.40	5.880 149.4	6.13
3	8.250 209.5	1.250 31.70	5.000 127.0	8	0.880 22.40	6.620 168.1	8.44
3 1/2	9.000 228.6	1.380 35.00	5.500 139.7	8	1.000 25.40	7.250 184.2	11.0
4	10.75 273.1	1.500 38.10	6.190 157.2	8	1.000 25.40	8.500 215.9	17.3
5	13.00 330.2	1.750 44.50	7.310 185.7	8	1.120 28.40	10.50 266.7	29.4
6	14.00 355.6	1.880 47.80	8.500 215.9	12	1.120 28.40	11.50 292.1	36.1
8	16.50 419.1	2.190 55.60	10.62 269.7	12	1.250 31.75	13.75 349.3	58.9
10	20.00 508.0	2.500 63.50	12.75 323.9	16	1.380 35.10	17.00 431.8	97.5
12	22.00 558.8	2.620 66.55	15.00 381.0	20	1.380 35.10	19.25 489.0	124
14	23.75 603.3	2.750 69.85	16.25 412.8	20	1.500 38.10	20.75 527.1	151
16	27.00 685.8	3.000 76.20	18.50 469.9	20	1.620 41.10	23.75 603.3	214
18	29.25 743.0	3.250 82.60	21.00 533.4	20	1.750 44.50	25.75 654.1	272
20	32.00 812.8	3.500 88.90	23.00 584.2	24	1.750 44.50	28.50 723.9	349
24	37.00 939.8	4.000 101.6	27.25 692.2	24	2.000 50.80	33.00 838.2	533

- Weights are based on manufacturer's data and are approximate.

Blind Flanges - ANSI B16.5

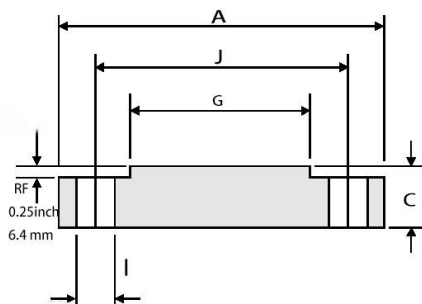


Blind flange dimensions class 900 (ASME B16.5)

Pipe	Flange Data		Raised Face	Drilling Data			Weight
Nominal Pipe Size in	A	C	G	H	I	J	kg/piece
	Outside Diameter	Flange Thickness min	Face Diameter	Number of Holes	Bolt Hole Diameter	Diameter of Circle of Holes	
	in mm	in mm	in mm		in mm	in mm	
1/2	4.750 120.6	0.880 22.30	1.380 35.10	4	0.880 22.30	3.250 82.50	1.77
3/4	5.120 130.0	1.000 25.40	1.690 42.90	4	0.880 22.30	3.500 88.90	2.42
1	5.880 149.3	1.120 28.40	2.000 50.80	4	1.000 25.40	4.000 101.6	3.57
1 1/4	6.250 158.7	1.120 28.40	2.500 63.50	4	1.000 25.40	4.380 111.2	4.15
1 1/2	7.000 177.8	1.250 31.70	2.880 73.15	4	1.120 28.40	4.880 123.9	5.75
2	8.500 215.9	1.500 38.10	3.620 91.90	8	1.000 25.40	6.500 165.1	10.1
2 1/2	9.620 244.3	1.620 41.10	4.120 104.6	8	1.120 28.40	7.500 190.5	14.0
3	9.500 241.3	1.500 38.10	5.000 127.0	8	1.000 25.40	7.500 190.5	13.1
4	11.50 292.1	1.750 44.50	6.190 157.2	8	1.250 31.70	9.250 234.9	26.9
5	13.75 349.2	2.000 50.80	7.310 185.7	8	1.380 35.00	11.00 279.4	36.5
6	15.00 381.0	2.190 55.60	8.500 215.9	12	1.250 31.70	12.50 317.0	47.40
8	18.50 469.9	2.500 63.50	10.62 269.7	12	1.500 38.10	15.50 393.7	82.5
10	21.50 546.1	2.750 69.85	12.75 323.9	16	1.500 38.10	18.50 469.9	122
12	24.00 609.6	3.120 79.25	15.00 381.0	20	1.500 38.10	21.00 533.4	173
14	25.25 641.3	3.380 85.80	16.25 412.8	20	1.620 41.10	22.00 558.8	206
16	27.75 704.8	3.500 88.90	18.50 469.9	20	1.750 44.40	24.25 615.9	259
18	31.00 787.4	4.000 101.6	21.00 533.4	20	2.000 50.80	27.00 685.8	367
20	33.75 857.2	4.250 107.9	23.00 584.2	20	2.120 53.80	29.50 749.3	463
24	41.00 1041.4	5.500 139.7	27.25 692.2	20	2.620 66.55	35.50 901.7	876

- Weights are based on manufacturer's data and are approximate.

Blind Flanges - ANSI B16.5

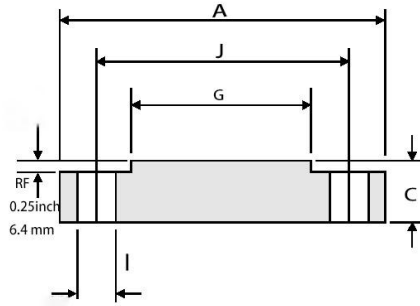


Blind flange dimensions class 1500 (ASME B16.5)

Pipe	Flange Data		Raised Face	Drilling Data			Weight
Nominal Pipe Size in	A	C	G	H	I	J	kg/piece
	Outside Diameter	Flange Thickness min	Face Diameter	Number of Holes	Bolt Hole Diameter	Diameter of Circle of Holes	
	in mm	in mm	in mm		in mm	in mm	
1/2	4.750 120.6	0.880 22.30	1.380 35.10	4	0.880 22.30	3.250 82.50	1.77
3/4	5.120 130.0	1.000 25.40	1.690 42.90	4	0.880 22.30	3.500 88.90	2.42
1	5.880 149.3	1.120 28.40	2.000 50.80	4	1.000 25.40	4.000 101.6	3.57
1 1/4	6.250 158.7	1.120 28.40	2.500 63.50	4	1.000 25.40	4.380 111.2	4.15
1 1/2	7.000 177.8	1.250 31.70	2.880 73.15	4	1.120 28.40	4.880 123.9	5.75
2	8.500 215.9	1.500 38.10	3.620 91.90	8	1.000 25.40	6.500 165.1	10.1
2 1/2	9.620 244.3	1.620 41.10	4.120 104.6	8	1.120 28.40	7.500 190.5	14.0
3	10.50 266.7	1.880 47.70	5.000 127.0	8	1.250 31.70	8.000 203.2	19.1
4	12.25 311.1	2.120 53.80	6.190 157.2	8	1.380 35.00	9.500 241.3	29.9
5	14.75 374.6	2.880 73.15	7.310 185.7	8	1.620 41.10	11.50 292.1	58.4
6	15.50 393.7	3.250 82.50	8.500 215.9	12	1.500 38.10	12.50 317.5	71.8
8	19.00 482.6	3.620 91.90	10.62 269.7	12	1.750 44.40	15.50 393.7	122
10	23.00 584.2	4.250 107.9	12.75 323.9	12	2.000 50.80	19.00 482.6	210
12	26.50 673.1	4.880 123.9	15.00 381.0	16	2.120 53.8	22.50 571.5	316
14	29.50 749.3	5.250 133.3	16.25 412.8	16	2.380 60.45	25.00 635.0	420
16	32.50 825.5	5.750 146.0	18.50 469.9	16	2.620 66.55	27.75 704.8	558
18	36.00 914.4	6.380 162.0	21.00 533.4	16	2.880 73.15	30.50 774.7	760
20	38.75 984.2	7.000 177.8	23.00 584.2	16	3.120 79.25	32.75 831.8	965
24	46.00 1168.4	8.000 203.2	27.25 692.2	16	3.620 91.90	39.00 990.6	1558

- Weights are based on manufacturer's data and are approximate.

Blind Flanges - ANSI B16.5



Blind flange dimensions class 2500 (ASME B16.5)

Pipe	Flange Data		Raised Face	Drilling Data			Weight
Nominal Pipe Size in	A	C	G	H	I	J	kg/piece
	Overall Diameter	Flange Thickness min	Face Diameter	Number of Holes	Bolt Hole Diameter	Diameter of Circle of Holes	
	in mm	in mm	in mm		in mm	in mm	
1/2	5.250 133.4	1.190 30.20	1.380 35.10	4	0.880 22.40	3.500 88.90	2.99
3/4	5.500 139.7	1.250 31.70	1.690 42.90	4	0.880 22.40	3.750 95.30	3.50
1	6.250 158.8	1.380 35.10	2.000 50.80	4	1.000 25.40	4.250 108.0	4.96
1 1/4	7.250 184.2	1.500 38.10	2.500 63.50	4	1.120 28.40	5.120 130.0	7.35
1 1/2	8.000 203.2	1.750 44.50	2.880 73.15	4	1.250 31.75	5.750 146.1	10.4
2	9.250 235.0	2.000 50.80	3.620 91.90	8	1.120 28.40	6.750 171.5	15.6
2 1/2	10.50 266.7	2.250 57.15	4.120 104.6	8	1.250 31.75	7.750 196.9	22.6
3	12.00 304.8	2.620 66.55	5.000 127.0	8	1.380 35.10	9.000 228.6	34.8
4	14.00 355.6	3.000 76.20	6.190 157.2	8	1.620 41.10	10.75 273.1	53.9
5	16.50 419.1	3.620 91.90	7.310 185.7	8	1.888 47.88	12.75 323.9	90.8
6	19.00 482.6	4.250 108.0	8.500 215.9	8	2.120 53.80	14.50 368.3	141
8	21.75 552.5	5.000 127.0	10.62 269.7	12	2.120 53.80	17.25 438.2	214
10	26.50 673.1	6.500 165.1	12.75 323.9	12	2.620 66.55	21.25 539.8	411
12	30.00 762.0	7.250 184.2	15.00 381.0	12	2.880 73.15	24.38 619.3	592

- Weights are based on manufacturer's data and are approximate.