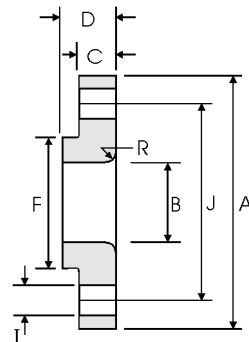
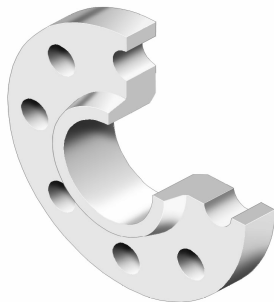




ZIZI ENGINEERING CO LTD

Lap Joint Flanges - ANSI B16.5



Class 600 lb

Pipe	Flange Data					Lap	Hub	Drilling Data			Weight
Nominal Pipe Size		A	B	C	D	R	F	H	I	J	
	Outside Diameter	Overall Diameter	Inside Diameter	Flange Thickness min	Overall Length	Lap Radius	Hub Diameter	Number of Holes	Bolt Hole Diameter	Diameter of Circle of Holes	kg/ piece
	in mm	in mm	in mm	in mm	in mm	in mm	in mm				
1/2	0.840 21.30	3.750 95.30	0.900 22.90	0.560 14.20	0.880 22.40	0.120 3.000	1.500 38.10	4	0.620 15.70	2.620 66.55	0.72
3/4	1.050 26.70	4.620 117.3	1.110 28.20	0.620 15.70	1.000 25.40	0.120 3.000	1.880 47.80	4	0.750 19.10	3.250 82.60	1.25
1	1.315 33.40	4.880 124.0	1.380 35.10	0.690 17.50	1.060 26.90	0.120 3.000	2.120 53.80	4	0.750 19.10	3.500 88.90	1.50
1 1/4	1.660 42.20	5.250 133.4	1.720 43.70	0.810 20.60	1.120 28.40	0.190 4.800	2.500 63.50	4	0.750 19.10	3.880 98.60	2.00
1 1/2	1.900 48.30	6.120 155.4	1.970 50.00	0.880 22.40	1.250 31.75	0.250 6.400	2.750 69.85	4	0.880 22.40	4.500 114.3	2.92
2	2.375 60.30	6.500 165.1	2.460 62.50	1.000 25.40	1.440 36.60	0.310 7.900	3.310 84.10	8	0.750 19.10	5.000 127.0	3.55
2 1/2	2.875 73.00	7.500 190.5	2.970 75.40	1.120 28.40	1.620 41.10	0.310 7.900	3.940 100.1	8	0.880 22.40	5.880 149.4	5.23
3	3.500 88.90	8.250 209.6	3.600 91.40	1.125 31.75	1.810 46.00	0.380 9.700	4.620 117.3	8	0.880 22.40	6.620 168.1	6.95
3 1/2	4.000 101.6	9.000 228.6	4.100 104.1	1.380 35.10	1.940 49.30	0.380 9.700	5.250 133.4	8	1.000 25.40	7.250 184.2	8.78
4	4.500 114.3	10.75 273.1	4.600 116.8	1.500 38.10	2.120 53.80	0.440 11.20	6.000 152.4	8	1.000 25.40	8.500 215.9	14.4
5	5.563 141.3	13.00 330.2	5.690 144.5	1.750 44.50	2.380 60.45	0.440 11.20	7.440 189.0	8	1.120 28.40	10.50 266.7	24.3
6	6.625 168.3	14.00 355.6	6.750 171.5	1.880 47.80	2.620 66.55	0.500 12.70	8.750 222.3	12	1.120 28.40	11.50 292.1	28.5
8	8.625 219.1	16.50 419.1	8.750 222.3	2.190 55.60	3.000 76.20	0.500 12.70	10.75 273.1	12	1.250 31.75	13.75 349.3	43.1
10	10.75 273.0	20.00 508.0	10.92 277.4	2.500 63.50	4.380 111.3	0.500 12.70	13.50 342.9	16	1.380 35.10	17.00 431.8	70.5
12	12.75 323.8	22.00 558.8	12.92 328.2	2.620 66.55	4.620 117.3	0.500 12.70	15.75 400.1	20	1.380 35.10	19.25 489.0	86.1
14	14.00 355.6	23.75 603.3	14.18 360.2	2.750 69.85	5.000 127.0	0.500 12.70	17.00 431.8	20	1.500 38.10	20.75 527.1	100
16	16.00 406.4	27.00 685.8	16.19 411.2	3.000 76.20	5.500 139.7	0.500 12.70	19.50 495.3	20	1.620 41.10	23.75 603.3	145
18	18.00 457.2	29.25 743.0	18.20 462.3	3.250 82.60	6.000 152.4	0.500 12.70	21.50 546.1	20	1.750 44.50	25.75 654.1	177
20	20.00 508.0	32.00 812.8	20.25 514.4	3.500 88.90	6.500 165.1	0.500 12.70	24.00 609.6	24	1.750 44.50	28.50 723.9	225
24	24.00 609.6	37.00 939.8	24.25 616.0	4.000 101.6	7.250 184.2	0.500 12.70	28.25 717.6	24	2.000 50.80	33.00 838.2	318

Notes

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