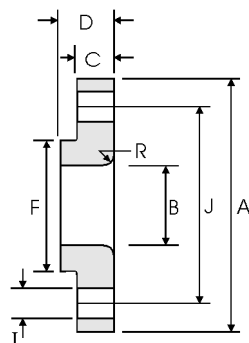
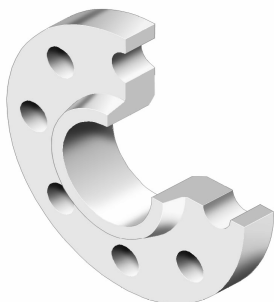




ZIZI ENGINEERING CO LTD

Lap Joint Flanges - ANSI B16.5



Class 1500 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	4.750 120.6	0.900 22.90	0.880 22.30	1.250 31.70	0.120 3.000	1.500 38.10	4	0.880 22.30	3.250 82.50	1.71
3/4	1.050 26.70	5.120 130.0	1.110 28.20	1.000 25.40	1.380 35.00	0.120 3.000	1.750 44.40	4	0.880 22.30	3.500 88.90	2.30
1	1.315 33.40	5.880 149.3	1.380 35.10	1.120 28.40	1.620 41.10	0.120 3.000	2.060 52.30	4	1.000 25.40	4.000 101.6	3.40
1 1/4	1.660 42.20	6.250 158.7	1.720 43.70	1.120 28.40	1.620 41.10	0.190 4.800	2.500 63.50	4	1.000 25.40	4.380 111.2	3.85
1 1/2	1.900 48.30	7.000 177.8	1.970 50.00	1.250 31.70	1.750 44.40	0.250 6.400	2.750 69.85	4	1.120 28.40	4.880 123.9	5.28
2	2.375 60.30	8.500 215.9	2.460 62.50	1.500 38.10	2.250 57.15	0.310 7.900	4.120 104.6	8	1.000 25.40	6.500 165.1	9.78
2 1/2	2.875 73.00	9.620 244.3	2.970 75.40	1.620 41.10	2.500 63.50	0.310 7.900	4.880 123.9	8	1.120 28.40	7.500 190.5	13.6
3	3.500 88.90	10.50 266.7	3.600 91.40	1.880 47.70	2.880 73.15	0.380 9.700	5.250 133.3	8	1.250 31.70	8.000 203.2	17.8
4	4.500 114.3	12.25 311.1	4.600 116.8	2.120 53.80	3.560 90.40	0.440 11.20	6.380 162.0	8	1.380 35.00	9.500 241.3	27.5
5	5.563 141.3	14.75 374.6	5.690 144.5	2.880 73.15	4.120 104.6	0.440 11.20	7.750 196.8	8	1.620 41.10	11.50 292.1	51.5
6	6.625 168.3	15.50 399.7	6.750 171.5	3.250 82.50	4.690 119.1	0.500 12.70	9.000 228.6	12	1.500 38.10	12.50 317.5	62.0
8	8.625 219.1	19.00 482.6	8.750 222.3	3.620 91.90	5.620 142.7	0.500 12.70	11.50 292.1	12	1.750 44.40	15.50 393.7	105
10	10.75 273.0	23.00 584.2	10.92 277.4	4.250 107.9	7.000 177.8	0.500 12.70	14.50 368.3	12	2.000 50.80	19.00 482.6	179
12	12.75 323.8	26.50 673.1	12.92 328.2	4.880 123.9	8.620 218.9	0.500 12.70	17.75 450.8	16	2.120 53.80	22.50 571.5	269
14	14.00 355.6	29.50 749.3	14.18 360.2	5.250 133.3	9.500 241.3	0.500 12.70	19.50 495.3	16	2.380 60.45	25.00 635.0	365
16	16.00 406.4	32.50 825.5	16.19 411.2	5.750 146.0	10.25 260.3	0.500 12.70	21.75 552.4	16	2.620 66.55	27.75 704.8	459
18	18.00 457.2	36.00 914.4	18.20 462.3	6.380 162.0	10.88 276.3	0.500 12.70	23.50 596.9	16	2.880 73.15	30.50 774.7	598
20	20.00 508.0	38.75 984.2	20.25 514.4	7.000 177.8	11.50 292.1	0.500 12.70	25.25 641.3	16	3.120 79.25	32.75 831.8	712
24	24.00 609.6	46.00 1168.4	24.25 616.0	8.000 203.2	13.00 330.2	0.500 12.70	30.00 762.0	16	3.620 91.90	39.00 990.6	1090

Notes

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