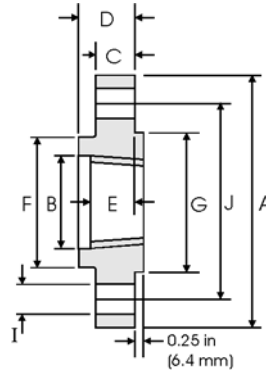




Threaded Flanges - ANSI B16.5



Class 1500 lb

Pipe		Flange Data					Hub	Raised Face	Drilling Data			Weight
Nominal Pipe Size		A	B	C	D	E	F	G	H	I	J	
	Outside Diameter	Overall Diameter	Counter-bore min	Flange Thickness min	Overall Length	Threaded length min	Hub Diameter	Face 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	in mm		in mm	in mm	
1/2	0.840	4.750	0.930	0.880	1.250	0.880	1.500	1.380	4	0.880	3.250	1.74
	21.30	120.6	23.60	22.30	31.70	22.30	38.10	35.00		22.30	82.50	
3/4	1.050	5.120	1.140	1.000	1.380	1.000	1.750	1.690	4	0.880	3.500	2.34
	26.70	130.0	29.00	25.40	35.00	25.40	44.40	42.90		22.30	88.90	
1	1.315	5.880	1.410	1.120	1.620	1.120	2.060	2.000	4	1.000	4.000	3.44
	33.40	149.3	35.80	28.40	41.10	28.40	52.30	50.80		25.40	101.6	
1 1/4	1.660	6.250	1.750	1.120	1.620	1.190	2.500	2.500	4	1.000	4.380	3.91
	42.20	158.7	44.40	28.40	41.10	30.20	63.50	63.50		25.40	111.2	
1 1/2	1.900	7.000	1.990	1.250	1.750	1.250	2.750	2.880	4	1.120	4.880	5.36
	48.30	177.8	50.50	31.70	44.50	31.70	69.85	73.15		28.40	123.9	
2	2.375	8.500	2.500	1.500	2.250	1.500	4.120	3.620	8	1.000	6.500	9.85
	60.30	215.9	63.50	38.10	57.15	38.10	104.6	91.90		25.40	165.1	
2 1/2	2.875	9.620	3.000	1.620	2.500	1.880	4.880	4.120	8	1.120	7.500	13.7
	73.00	244.3	76.20	41.10	63.50	47.70	123.9	104.6		28.40	190.5	

Notes

- The thread conforms to ASME B1.20.1 NTP threads as described in Section 10. (The only exceptions are small male and female plain face threaded flanges which use NPSL locknut threads.)
- Class 300 and higher threaded flanges are counter-bored. Threads are chamfered to the counterbore at an angle of 45° (approx).
- Weights are based on manufacturer's data and are approximate.
- For tolerances see page 8-4.