



GTS Technical Sales

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BOLTING DIMENTIONS FOR 150 LB. FLANGES BOLTING PATTERN AND BOLT AND STUD LENGTHS						
Pipe Size	Diameter of Bolt Circle	Diameter of Bolt Holes	Number of Bolts	Diameter of Bolts	Machine Bolts	Stud Bolts
					0.006 in Raised Face	0.006 in Raised Face
1/2	2.38	0.62	4	0.50	2.00	2.50
3/4	2.75	0.62	4	0.50	2.25	2.50
1	3.12	0.62	4	0.50	2.25	2.75
1 1/4	3.50	0.62	4	0.50	2.50	2.75
1 1/2	3.88	0.62	4	0.50	2.50	3.0
2	4.75	0.75	4	0.62	2.75	3.25
2 1/2	5.50	0.75	4	0.62	3.00	3.50
3	6.00	0.75	4	0.62	3.25	3.75
3 1/2	7.00	0.75	8	0.62	3.25	3.75
4	7.50	0.75	8	0.62	3.25	3.75
5	8.50	0.88	8	0.75	3.25	4.00
6	9.50	0.88	8	0.75	3.50	4.00
8	11.75	0.88	8	0.75	3.75	4.25
10	14.25	1.00	12	0.88	4.25	4.75
12	17.00	1.00	12	0.88	4.25	4.75
14	18.75	1.12	12	1.00	4.50	5.25
16	21.25	1.12	16	1.00	4.75	5.50
18	22.75	1.25	16	1.12	5.00	6.00
20	25.00	1.25	20	1.12	5.50	6.25
24	29.50	1.38	20	1.25	6.00	7.00
30	36.00	1.38	28	1.25		
36	42.75	1.62	32	1.50		
42	49.50	1.62	36	1.50		
48	56.00	1.62	44	1.50		

BOLTING DIMENTIONS FOR 300 LB. FLANGES BOLTING PATTERN AND BOLT AND STUD LENGTHS						
Pipe Size	Diameter of Bolt Circle	Diameter of Bolt Holes	Number of Bolts	Diameter of Bolts	Machine Bolts	Stud Bolts
					0.006 in Raised Face	0.006 in Raised Face
1/2	2.62	0.62	4	0.50	2.25	2.75
3/4	3.25	0.75	4	0.62	2.50	3.00
1	3.50	0.75	4	0.62	2.75	3.25
1 1/4	3.88	0.75	4	0.62	2.75	3.25
1 1/2	4.50	0.88	4	0.75	3.00	3.75
2	5.00	0.75	8	0.62	3.00	3.50
2 1/2	5.88	0.88	8	0.75	3.50	4.00
3	6.62	0.88	8	0.75	3.75	4.25
3 1/2	7.25	0.88	8	0.75	3.75	4.50
4	7.88	0.88	8	0.75	4.00	4.50
5	9.25	0.88	8	0.75	4.25	4.75
6	10.62	0.88	12	0.75	4.25	5.00
8	13.00	1.00	12	0.88	4.75	5.50
10	15.25	1.12	16	1.00	5.50	6.25
12	17.75	1.25	16	1.12	6.00	6.75
14	20.25	1.25	20	1.00	6.25	7.00
16	22.50	1.38	20	1.25	6.50	7.50
18	24.75	1.38	24	1.25	6.75	7.75
20	27.00	1.38	24	1.25	7.25	8.25
24	32.00	1.62	24	1.50	8.00	9.25
30	39.25	1.88	28	1.75		
36	46.00	2.12	32	2.00		
42	47.50	1.75	32	1.62		
48	54.00	2.00	32	1.88		

Stud lengths for lap joint flanges are equal to lengths shown plus the thickness of two laps of the stub ends.

Surrounded By Quality, Committed To Service.