Series A
Bolting Chart

1-01-12

Series 150 Flange

Pipe Size	Wrench Size	Flange Bolts Quan.	Flange Bolts Size	Raised Face Stud Lgth.	Flange Dia.	Ring Joint Stud L'gth.	Ring Joint Ring No.
22					29.50		
26	2	24	1.250	9.00	34.25		
28	2	28	1.250	9.00	36.50		
30	2	28	1.250	9.50	38.75		
32	2 5/16	28	1.500	10.25	41.75		
34	2 5/16	32	1.500	10.50	43.75		
36	2 5/16	32	1.500	11.00	46.00		
38	2 5/16	32	1.500	11.00	48.75		
40	2 5/16	36	1.500	11.25	50.75		
42	2 5/16	36	1.500	11.50	53.00		
44	2 5/16	40	1.500	12.00	55.25		
46	2 5/16	40	1.500	12.00	57.25		
48	2 5/16	44	1.500	12.50	59.50		
50	2 3/4	44	1.750	13.25	61.75		
52	2 3/4	44	1.750	13.50	64.00		
54	2 3/4	44	1.750	14.00	66.25		
56	2 3/4	48	1.750	14.25	68.75		
58	2 3/4	48	1.750	14.50	71.00		
60	2 3/4	52	1.750	15.00	73.00		

Series 300 Flange

Pipe Size	Wrench Size	Flange Bolts Quan.	Flange Bolts Size	Raised Face Stud Lgth.	Flange Dia.	Ring Joint Stud L'gth.	Ring Joint Ring No.
22					33.00		
26	2 9/16	28	1.625	10.50	38.25	12.00	R93
28	2 9/16	28	1.625	11.00	40.75	12.50	R94
30	2 3/4	28	1.750	11.75	43.00	14.00	R95
32	2 15/16	28	1.875	12.50	45.25	14.25	R96
34	2 15/16	28	1.875	12.75	47.50	14.50	R97
36	3 1/8	32	2.000	13.25	50.00	15.00	R98
38	2 3/8	32	1.500	12.50	46.00		
40	2 9/16	32	1.625	13.25	48.75		
42	2 9/16	32	1.625	13.75	50.75		
44	2 3/4	32	1.750	14.25	53.25		
46	2 15/16	28	1.875	14.75	55.75		
48	2 15/16	32	1.875	15.25	57.75		
50	3 1/8	32	2.000	16.00	60.25		
52	3 1/8	32	2.000	16.50	62.25		
54	3 1/2	28	2.250	17.50	65.25		
56	3 1/2	28	2.250	17.50	67.25		
58	3 1/2	32	2.250	18.00	69.25		
60	3 1/2	32	2.250	18.00	71.25		

Series 600 Flange

Pipe Size	Wrench Size	Flange Bolts Quan.	Flange Bolts Size	Raised Face Stud Lgth.	Flange Dia.	Ring Joint Stud L'gth.	Ring Joint Ring No.
22					34.25		
26	2 15/16	28	1.875	13.75	40.00	15.25	R93
28	3 1/8	28	2.000	14.25	42.25	15.75	R94
30	3 1/8	28	2.000	14.50	44.50	16.00	R95
32	3 1/2	28	2.250	15.25	47.00	17.00	R96
34	3 1/2	28	2.250	15.50	49.00	17.25	R97
36	3 1/2	28	2.500	16.25	51.75	18.00	R98
38	3 1/2	28	2.250	18.00	50.00		
40	3 1/2	32	2.250	18.50	52.00		
42	3 1/2	28	2.500	19.75	55.25		
44	3 1/2	32	2.500	20.00	57.25		
46	3 1/2	32	2.500	20.50	59.50		
48	4 1/4	32	2.750	21.75	62.75		
50	4 5/8	28	3.000	23.00	65.75		
52	4 5/8	32	3.000	23.50	67.75		
54	4 5/8	32	3.000	24.00	70.00		
56	5	32	3.250	25.00	73.00		
58	5	32	3.250	25.50	75.00		
60	5 3/8	28	3.500	26.75	78.50		

Series 900 Flange

Pipe Size	Wrench Size	Flange Bolts Quan.	Flange Bolts Size	Raised Face Stud Lgth.	Flange Dia.	Ring Joint Stud L'gth.	Ring Joint Ring No.
22					34.25		
26	4 1/4	20	2.75	18.00	40.00	20.00	R100
28	4 5/8	20	3.00	18.75	42.25	20.75	R101
30	4 5/8	20	3.00	19.25	44.50	21.25	R102
32	5	20	3.25	20.50	47.00	22.50	R103
34	5 3/8	20	3.50	21.50	49.00	23.75	R105
36	5 3/8	20	3.50	22.00	51.75		
38	5 3/8	20	3.50	23.50	50.00		
40	5 3/8	24	3.50	24.00	52.00		
42	5 3/8	24	3.50	24.75	55.25		
44	5 3/4	24	3.75	25.75	57.25		
46	6 1/8	24	4.00	27.25	59.50		
48	6 1/8	24	4.00	27.75	62.75		
50							
52							
54							
56							
58							
60							