



150 LB. Flanges					300 LB. Flanges				600 LB. Flanges			
Nominal Pipe Size	# Bolts or Studs	Dia of Bolts or Studs	Length of Stud		# Bolts or Studs	Dia of Bolts or Studs	Length of Stud		# Bolts or Studs	Dia of Bolts or Studs	Length of Stud	
			1/16 RF	RTJ			1/16 RF	RTJ			1/4 RF	RTJ
1/2	4	1/2	2 1/4	–	4	1/2	2 1/2	3	4	1/2	3	3
3/4	4	1/2	2 1/2	–	4	5/8	3	3 1/2	4	5/8	3 1/2	3 1/2
1	4	1/2	2 1/2	3	4	5/8	3	3 1/2	4	5/8	3 1/2	3 1/2
1" 1/4	4	1/2	2 3/4	3 1/4	4	5/8	3 1/4	3 3/4	4	5/8	3 3/4	3 3/4
1" 1/2	4	1/2	2 3/4	3 1/4	4	3/4	3 1/2	4	4	3/4	4 1/4	4 1/4
2	4	5/8	3 1/4	3 3/4	8	5/8	3 1/2	4	8	5/8	4 1/4	4 1/4
2" 1/2	4	5/8	3 1/2	4	8	3/4	4	4 1/2	8	3/4	4 3/4	4 3/4
3	4	5/8	3 1/2	4	8	3/4	4 1/4	4 3/4	8	3/4	5	5
3" 1/2	8	5/8	3 1/2	4	8	3/4	4 1/4	5	8	7/8	5 1/2	5 1/2
4	8	5/8	3 1/2	4	8	3/4	4 1/2	5	8	7/8	5 3/4	5 3/4
5	8	3/4	3 3/4	4 1/4	8	3/4	4 3/4	5 1/4	8	1	6 1/2	6 1/2
6	8	3/4	4	4 1/2	12	3/4	4 3/4	5 1/2	12	1	6 3/4	6 3/4
8	8	3/4	4 1/4	4 3/4	12	7/8	5 1/2	6	12	1 1/8	7 1/2	7 1/2
10	12	7/8	4 1/2	5	16	1	6 1/4	6 3/4	16	1 1/4	8 1/2	8 1/2
12	12	7/8	4 3/4	5 1/4	16	1 1/8	6 3/4	7 1/4	20	1 1/4	8 3/4	8 3/4
14	12	1	5 1/4	5 3/4	20	1 1/8	7	7 1/2	20	1 3/8	9 1/4	9 1/4
16	16	1	5 1/4	5 3/4	20	1 1/4	7 1/2	8	20	1 1/2	10	10
18	16	1 1/8	5 3/4	6 1/4	24	1 1/4	7 3/4	8 1/4	20	1 5/8	10 3/4	10 3/4
20	20	1 1/8	6 1/4	6 3/4	24	1 1/4	8	8 3/4	24	1 5/8	11 1/4	11 1/2
24	20	1 1/4	6 3/4	7 1/4	24	1 1/2	9	10	24	1 7/8	13	13-1/4

900 LB. Flanges					1500 LB. Flanges				2500 LB. Flanges			
Nominal Pipe Size	# Bolts or Studs	Dia of Bolts or Studs	Length of Stud		# Bolts or Studs	Dia of Bolts or Studs	Length of Stud		# Bolts or Studs	Dia of Bolts or Studs	Length of Stud	
			1/4 RF	RTJ			1/4 RF	RTJ			1/4 RF	RTJ
1/2	4	3/4	4 1/4	4 1/4	4	3/4	4 1/4	4 1/4	4	3/4	4 3/4	4 3/4
3/4	4	3/4	4 1/2	4 1/2	4	3/4	4 1/2	4 1/2	4	3/4	5	5
1	4	7/8	5	5	4	7/8	5	5	4	7/8	5 1/2	5 1/2
1 1/4	4	7/8	5	5	4	7/8	5	5	4	1	6	6
1 1/2	4	1	5 1/2	5 1/2	4	1	5 1/2	5 1/2	4	1 1/8	6 3/4	6 3/4
2	8	7/8	5 3/4	5 3/4	8	7/8	5 3/4	5 3/4	8	1	7	7
2 1/2	8	1	6 1/4	6 1/4	8	1	6 1/4	6 1/4	8	1 1/8	7 3/4	8
3	8	7/8	5 3/4	5 3/4	8	1 1/8	7	7	8	1 1/4	8 3/4	9
4	8	1 1/8	6 3/4	6 3/4	8	1 1/4	7 3/4	7 3/4	8	1 1/2	10	10 1/4
5	8	1 1/4	7 1/2	7 1/2	8	1 1/2	9 3/4	9 3/4	8	1 3/4	11 3/4	12 1/4
6	12	1 1/8	7 1/2	7 3/4	12	1 3/8	10 1/4	10 1/2	8	2	13-1/2	14
8	12	1 3/8	8 3/4	8 3/4	12	1 5/8	11 1/2	11 3/4	12	2	15	15-1/2
10	16	1 3/8	9 1/4	9 1/4	12	1 7/8	13-1/4	13-1/2	12	2 1/2	19-1/4	20
12	20	1 3/8	10	10	16	2	14-3/4	15-1/4	12	2 3/4	21-1/4	22
14	20	1 1/2	10 3/4	11	16	2 1/4	16	16-3/4	-	-	-	-
16	20	1 5/8	11 1/4	11 1/2	16	2 1/2	17-1/2	18-1/2	-	-	-	-
18	20	1 7/8	12 3/4	13-1/4	16	2 3/4	19-1/2	20-3/4	-	-	-	-
20	20	2	13-3/4	14-1/4	16	3	21-1/4	22-1/4	-	-	-	-
24	20	2 1/2	17-1/4	18	16	3 1/2	24-1/4	25-1/2	-	-	-	-