



nominal pipe size	outside diam. of flange	thickness of flange	diam. of raised face	drilling template			stud bolts			approx. weight kilo
				diam. of bolt circle	n° of holes	diam. of bolt holes	diam.	length		
								1/4'' raised face	ring joint	
D	b	g	k			i				
1/2'' to 2 1/2''	use 1500 Lbs									
3''	241.3	38.1	127.0	190.5	8	25.4	7/8	5 3/4	6	18.5
4''	292.1	44.4	157.2	234.9	8	31.7	1 1/8	6 3/4	7	24.5
5''	349.2	50.8	185.7	279.4	8	34.9	1 1/4	7 1/2	7 3/4	39.0
6''	381.0	55.6	215.9	317.5	12	31.7	1 1/8	7 3/4	7 3/4	51.0
8''	469.9	63.5	269.9	393.7	12	38.1	1 3/8	8 3/4	9	89.0
10''	546.1	69.8	323.8	469.9	16	38.1	1 3/8	9 1/4	9 1/2	132.0
12''	609.6	79.4	381.0	533.4	20	38.1	1 3/8	10	10 1/4	188.0
14''	641.2	85.7	412.7	558.8	20	38.1	1 3/8	10 3/4	11 1/4	208.0
16''	704.8	88.9	469.9	615.9	20	44.4	1 5/8	11 1/4	11 3/4	281.0
18''	787.4	101.6	533.4	685.8	20	50.8	1 7/8	12 3/4	13 1/2	400.0
20''	857.2	107.9	584.2	749.3	20	54.0	2	13 1/2	14 1/4	503.0
24''	1041.4	139.7	692.1	901.7	20	66.7	2 1/2	13 1/2	14 1/4	953.0