

Piping flange Bolt & spanner size

Flange 150# class						Flange 300# class					Flange 600# class				
FLG size	Bolt DIA	Bolt DIA	Bolt L	Sp..r Size	NO: Bolt	Bolt DIA	Bolt DIA	Bolt L	Sp..r Size	NO: Bolt	Bolt DIA	Bolt DIA	Bolt L	Sp..r Size	NO: Bolt
inch	inch	MM	MM	MM	Con.	inch	MM	MM	MM	Con.	inch	MM	MM	MM	Con.
1/2	1/2"	12.7	60	22	4	1/2"	12.7	65	22	4	1/2"	12.7	75	22	4
3/4	1/2"	12.7	65	22	4	5/8"	15.9	75	27	4	5/8"	15.9	90	27	4
1	1/2"	12.7	65	22	4	5/8"	15.9	80	27	4	5/8"	15.9	90	27	4
1.5	1/2"	12.7	70	22	4	3/4"	19.1	90	32	4	3/4"	19.1	110	32	4
2	5/8"	15.9	85	27	4	5/8"	15.9	90	27	8	5/8"	15.9	110	27	8
2.5	5/8"	15.9	90	27	4	3/4"	19.1	100	32	8	3/4"	19.1	120	32	8
3	5/8"	15.9	90	27	4	3/4"	19.1	110	32	8	3/4"	19.1	125	32	8
4	5/8"	15.9	90	27	8	3/4"	19.1	110	32	8	7/8"	22.2	145	36	8
5	3/4"	19.1	95	32	8	3/4"	19.1	120	32	8	1"	25.4	165	41	8
6	3/4"	19.1	100	32	8	3/4"	19.1	125	32	12	1"	25.4	170	41	12
8	3/4"	19.1	110	32	8	7/8"	22.2	140	36	12	1 1/2	28.6	190	46	12
10	7/8"	22.2	115	36	8	1"	25.4	155	41	16	1 1/2	31.8	215	50	16
12	7/8"	22.2	120	36	12	1 1/2	28.6	170	46	16	1 1/2	31.8	225	50	20
14	1"	25.4	130	41	12	1 1/2	28.6	175	46	20	1 3/4	34.9	235	55	20
16	1"	25.4	135	41	16	1 1/4	31.8	190	50	20	1 1/2	38.1	255	60	20
18	1 1/8	28.6	150	46	16	1 1/4	31.8	195	50	24	1 3/8	41.3	275	65	20
20	1 1/8	28.6	160	46	20	1 1/4	31.8	205	50	24	1 3/8	41.3	290	65	24
24	1 1/4	31.8	175	50	20	1 1/2	38.1	230	60	24	1 3/8	47.6	330	75	24

piping flange Bolt & spanner size

Flange 900# class						Flange 1500# class					Flange 2500# class				
FLG size	Bolt Dia	Bolt DIA	Bolt L	Sp..r Size	NO: Bolt	Bolt Dia	Bolt DIA	Bolt L	Sp..r Size	NO: Bolt	Bolt Dia	Bolt DIA	Bolt L	Sp..r Size	NO: Bolt
inch	inch	MM	MM	MM	Con.	inch	MM	MM	MM	Con.	inch	MM	MM	MM	Con.
1/2	3/4"	19.1	105	32	4	3/4"	19.1	190	32	4	3/4"	19.1	120	32	4
3/4	3/4"	19.1	115	32	4	3/4"	19.1	115	32	4	3/4"	19.1	125	32	4
1	7/8"	22.2	125	36	4	7/8"	22.2	125	36	4	7/8"	22.2	140	36	4
1.5	1"	25.4	140	41	4	1"	25.4	140	41	4	1 1/8	28.6	170	46	4
2	7/8"	22.2	145	36	8	7/8"	22.2	145	36	8	1"	25.4	180	41	8
2.5	1"	25.4	160	41	8	1"	25.4	160	41	8	1 1/8	28.6	195	46	8
3	7/8"	22.2	145	36	8	1 1/8	28.6	180	46	8	1 1/8	31.8	220	50	8
4	1 1/8	28.6	170	46	8	1 1/4	31.8	195	50	8	1 1/2	38.1	255	60	8
5	1 1/4	31.8	190	50	8	1 1/2	38.1	250	60	8	1 3/4	44.5	300	70	8
6	1 1/8	28.6	190	46	12	1 3/8	34.9	260	55	12	2"	50.8	345	80	8
8	1 3/8	34.9	220	55	12	1 5/8	41.3	290	65	12	2"	50.8	380	80	12
10	1 3/8	34.9	235	55	16	1 7/8	47.6	355	75	12	2 1/2	63.5	490	98	12
12	1 3/8	34.9	255	55	20	2"	50.8	375	80	16	2 3/4	69.9	540	108	12
14	1 3/8	34.9	235	55	20	1 1/2	38.1	275	60	16					
16	1 5/8	41.3	285	65	20	2 1/2	63.5	445	98	16					
18	1 7/8	47.6	325	75	20	2 3/4	69.9	495	108	16					
20	2"	50.8	350	80	20	3"	76.2	540	114	16					
24	2 1/2	63.5	440	98	20	3 1/2	88.9	615	137	16					