



## Flange Bolts and Screw Sizing Chart for 2" – 20" Butterfly Valves

Wafer Body Valves Using Cross Bolting			
Valve Size	Diameter	Length	Number Required
2"	5/8	4 1/4	4
2.5"	5/8	4 1/2	4
3"	5/8	4 3/4	4
4"	5/8	5	8
5"	3/4	5 1/4	8
6"	3/4	5 1/4	8
8"	3/4	6	8
10"	7/8	6 1/4	12
12"	7/8	6 3/4	12
14"	1	7 1/4	12
16"	1	8 1/4	16
18"	1 1/8	9	16
20"	1 1/8	10	20

Full Lug Body Type with Tapped Holes			
Valve Size	Diameter	Length	Number Required
2"	5/8	1 1/2	8
2.5"	5/8	1 3/4	8
3"	5/8	1 3/4	8
4"	5/8	1 3/4	16
5"	3/4	2	16
6"	3/4	2	16
8"	3/4	2 1/4	16
10"	7/8	2 1/4	24
12"	7/8	2 3/4	24
14"	1	2 3/4	24
16"	1	3 1/4	32
18"	1 1/8	3 1/2	32
20"	1 1/8	3 1/4 4	8 @ 3 1/4" 32 @ 4"