



Davis Valve

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HIGH PERFORMANCE BUTTERFLY BOLTING CHART

150# LUG

Valve size	Bolt size	Thread size	Bolt length	No. of Bolts
			Lug	
2"	5/8	11 UNC	1.54	4
2.5"	5/8	11 UNC	1.72	4
3"	5/8	11 UNC	1.84	4
4"	5/8	11 UNC	1.90	8
5"	3/4	10 UNC	2.00	8
6"	3/4	10 UNC	2.14	8
8"	3/4	10 UNC	2.31	8
10"	7/8	9 UNC	2.52	12
12"	7/8	9 UNC	2.74	12
14"	1	8 UNC	3.12	12
16"	1	8 UNC	3.38	16
18"	1 1/8	8 UNC	3.82	16
20"	1 1/8	8 UNC	4.13	16
			3.78	4
24"	1 1/4	8 UNC	5.39	16
			4.37	4

150# WAFER

Valve size	Bolt size	Thread size	Bolt length	No. of Bolts
			Wafer	
2"	5/8	11 UNC	4.48	4
2.5"	5/8	11 UNC	4.84	4
3"	5/8	11 UNC	5.09	4
4"	5/8	11 UNC	5.21	8
5"	3/4	10 UNC	5.72	8
6"	3/4	10 UNC	5.99	8
8"	3/4	10 UNC	6.34	8
10"	7/8	9 UNC	6.91	12

12"	7/8	9 UNC	7.36	12
14"	1	8 UNC	8.42	12
16"	1	8 UNC	8.96	16
18"	1 1/8	8 UNC	10.13	16
20"	1 1/8	8 UNC	10.76	16
			3.78	4
			2.89	4
24"	1 1/4	8 UNC	12.48	16
			4.37	4
			2.99	4

300# LUG

Valve size	Bolt size	Thread size	Bolt length	No. of Bolts
			Lug	
2"	5/8	11 UNC	1.66	8
2.5"	3/4	10 UNC	1.85	8
3"	3/4	10 UNC	2.02	8
4"	3/4	10 UNC	2.15	8
5"	3/4	10 UNC	2.43	8
6"	3/4	10 UNC	2.58	12
8"	7/8	9 UNC	2.82	12
10"	1	8 UNC	3.44	16
12"	1 1/8	8 UNC	3.75	16
14"	1 1/8	8 UNC	4.38	16
			3.94	4
16"	1 1/4	8 UNC	4.87	16
			4.15	4
18"	1 1/4	8 UNC	5.30	20
			4.59	4
20"	1 1/4	8 UNC	5.61	20
			4.59	4
24"	1 1/2	8 UNC	6.27	20
			4.71	4

300# WAFER

Valve size	Bolt size	Thread size	Bolt length	No. of Bolts
			Wafer	
2"	5/8	11 UNC	4.72	8
2.5"	3/4	10 UNC	5.41	8
3"	3/4	10 UNC	5.77	8

4"	3/4	10 UNC	6.02	8
5"	3/4	10 UNC	6.58	8
6"	3/4	10 UNC	6.88	12
8"	7/8	9 UNC	7.83	12
10"	1	8 UNC	9.08	16
12"	1 1/8	8 UNC	10.0	16
14"	1 1/8	8 UNC	11.27	16
			3.94	4
			3.24	4
16"	1 1/4	8 UNC	12.55	16
			4.15	4
			3.56	4
18"	1 1/4	8 UNC	13.42	20
			4.59	4
			3.56	4
20"	1 1/4	8 UNC	14.03	20
			4.59	4
			3.56	4
24"	1 1/2	8 UNC	15.98	20
			4.71	4
			4.46	4

All Sizes are in Inches.