



Valve Size (inches) (mm)		Valve Laying Length (inches)	Pipe Flange Thickness* (inches)	Thread Size	Studs for Wafer Valves		Bolts for Lugged Valves, Each Flange	
					Quantity	Length *** (inches)	Quantity	Length *** (inches)
2"	50	1.69	0.62	5/8-11 UNC	4	4-1/2	4	1.25
2.5"	60	1.81	0.69	5/8-11 UNC	4	4-3/4	4	1.25
3"	75	1.81	0.75	5/8-11 UNC	4	5	4	1.50
4"	100	2.06	0.94	5/8-11 UNC	8	5-1/2	8	1.75
5"	125	2.19	0.94	3/4-10 UNC	8	6	8	1.75
6"	150	2.19	1.00	3/4-10 UNC	8	6	8	1.75
8"	200	2.38	1.12	3/4-10 UNC	8	6-1/2	8	2.25
10"	250	2.69	1.19	7/8-9 UNC	12	7-1/4	12	2.25
12"	300	3.06	1.25	7/8-9 UNC	12	7-3/4	12	2.50
14"	350	3.06	1.38	1-8 UNC	12	8-1/2	12	2.75
16"	400	4.00	1.44	1-8 UNC	16	9-1/2	16	3.25
18"	450	4.50	1.56	1-1/8-7 UN	16	10-1/2	16	3.50
20"	500	5.00	1.69	1-1/8-7 UN	20	11-1/2	20	4.00

Valve Size (inches) (mm)		Valve Laying Length (inches)	Pipe Flange Thickness (inches)	Thread Size	Studs for Wafer Valves		Bolts in Blind Holes for Wafer and Lugged Valves, Each Flange		Bolts in Other Holes for Lugged Valves, Each Flange	
					Qty	Length *** inches	Qty	Length *** inches	Qty	Length *** inches
24"	600	6.25	*1.88	1-1/4-7 UN	16	13	4	3-1/4	16	4-1/2
28"	700	7.38	**2.12	1-1/4-7 UN	N/A	N/A	4	3-1/4	24	4-1/2
30"	750	7.38	**2.12	1-1/4-7 UN	24	15	4	3-1/4	24	5
32"	800	7.62	**2.25	1-1/2-6 UN	N/A	N/A	4	3-1/2	24	5
36"	900	9.00	**2.38	1-1/2-6 UN	28	17-1/2	4	4	28	6
40"	1000	9.50	**2.50	1-1/2-6 UN	N/A	N/A	4	4-1/4	32	6
42"	1050	9.50	**2.62	1-1/2-6 UN	N/A	N/A	4	4-1/4	32	6

* ANSI Class 125 or 150 flanges and have flange drillings that conform to ANSI B16.1 and B16.5 standards.

** ANSI Class 125 flanges and have flange drillings that conform to ANSI B16.1 standard.

*** Lengths are based on minimum flange thickness, heavy hex nuts (on studs), and no washers. For other situations, lengths must be adjusted accordingly, so that thread engagement is maintained, and so that clearance is provided between opposing bolts.