



SEE DRAWING NO. VM-5606FN-M FOR MATERIALS OF CONSTRUCTION.

REV 1/25/19

MECHANICAL JOINT ANSI/AWWA C111/A21.11

VALVE SIZE	A	B	C	D	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	W	BOLT SIZE	NO. OF BOLTS
6	15.75	9.50	11.12	1.00	7.06	12.42	5.04	1.496	2.13	3/8 SQ	1.289	7.75	6.50	5.50	1/2-13	1.00	2.50	-	-	3/4	6
8	17.25	11.75	13.37	1.12	8.75	14.03	5.32	1.496	2.13	3/8 SQ	1.289	7.75	6.50	5.50	1/2-13	1.00	2.50	-	-	3/4	6
10	18.75	14.00	15.69	1.19	10.4	18.13	7.88	2.120	3.94	1/2 SQ	1.845	9.38	8.00	6.38	1/2-13	0.81	2.50	-	-	3/4	8
12	19.75	16.25	17.94	1.25	13.0	19.25	6.93	2.120	2.56	1/2 SQ	1.845	9.50	8.00	6.75	1/2-13	0.81	2.50	-	-	3/4	8
14	24.50	18.75	20.31	1.38	13.0	21.87	9.12	2.743	4.06	5/8 SQ	2.402	11.88	10.00	6.75	5/8-11	0.88	3.50	-	-	3/4	10
16	24.69	21.00	22.56	1.44	15.63	23.63	9.13	2.743	4.06	5/8 SQ	2.402	11.88	10.00	6.75	5/8-11	0.88	3.50	-	-	3/4	12
18	28.50	23.25	24.83	1.56	15.63	24.32	9.19	3.120	4.00	3/4 SQ	2.704	11.88	10.00	6.75	5/8-11	0.88	3.50	-	-	3/4	12
20	30.50	25.50	27.09	1.69	17.38	25.89	9.07	3.745	4.13	7/8 SQ	3.261	12.00	10.00	7.38	5/8-11	1.13	3.50	-	-	3/4	14
24	37.00	30.00	31.59	1.75	18.81	29.89	10.76	4.495	5.50	1 SQ	3.944	14.50	12.75	9.25	3/4-10	1.25	3.50	1 1/4	28.25	3/4	16
30	45.50	36.88	39.12	1.94	24.0	36.39	13.89	4.995	8.37	1 1/4 SQ	4.296	18.00	15.00	10.50	1-1/4-7	1.25	4.00	1 1/4	33	1	20
36	61.88	43.75	46.00	2.00	27.13	41.50	14.57	5.995	7.75	1 1/2 SQ	5.155	30.00	18.00	12.00	1-1/4-7	1.75	4.50	1 3/4	40.5	1	24

100% PORT MECHANICAL JOINT CAM-CENTRIC® BARE STEM PLUG VALVE

DATE 3/22/16



VALVE AND MANUFACTURING CORP.

DRWG. NO.

VMC-5706F