

NOMINAL PIPE SIZE INCHES	ORIFICE PLATE OUTSIDE DIAMETER				TAB HEIGHT		PLATE THICKNESS mm " W "
	mm				mm		
	" A "	±	0.4	ANSI	+1 "B" -0	TO	
	ANSI 300 RF	ANSI 600 RF	ANSI 900 RF	ANSI 1500 RF	900lb	1500	
2	111.1	111.1	142.9	142.9	100	100	3.175 NOMINAL
3	149.2	149.2	174.6	174.6	100	100	
4	181.0	193.7	206.4	609.6	150	150	
6	250.8	266.7	288.9	282.6	150	150	
8	308.0	320.7	358.8	352.4	150	150	
10	362.0	400.1	435.0	440.0	150	150	
12	422.3	457.2	498.5	520.7	150	150	
14	485.8	492.1	520.7	677.9	150	150	6.35 NOMINAL
16	539.8	565.2	581.0	641.4	150	150	
18	596.9	612.8	638.2	704.9	150	150	
20	654.1	682.6	698.5	755.7	150	150	
24	774.7	790.6	838.2	901.7	150	150	
					50mm	QUARTER CIRCLE	PLATES DO NOT HAVE TO MEET THESE REQUIRE- MENTS OF " W "
					SHOULD BE ADDED TO DIMEN'S GIVEN ABOVE IF LINE IS LAGGED		

**TOLERANCES:**

MAXIMUM TOLERANCE FOR DIAMETER  $d$  OF ORIFICE IS  $\pm 0.1\%$  OR AS DETAILED ON THE FOLLOWING TABLES.

DIA OF ORIFICE mm.	MAX. TOLERANCE PLUS OR MINUS mm
LESS THAN 6.4	0.007
6.4 — 9.5	0.007
9.6 — 12.7	0.009
12.8 — 19.0	0.012
19.1 — 25.4	0.019
25.5 — 38.1	0.025
38.2 — 50.8	0.038
50.9 — 63.5	0.050
63.6 — 76.2	0.063
76.3 — 101.6	0.076
101.7 — 127.0	0.076
127.0 — OVER	0.012 PER IN. OF NOMINAL PIPE SIZE

**VENT & DRAIN HOLES:**

DRILL HOLE TANGENT TO THE INSIDE SURFACE OF THE PIPE (D-G) FROM ORIFICE PLATE CENTER

ORIFICE DIA "d" mm	MAX. DIAMETER OF HOLE "G" mm
LESS THAN 25.4	NOT USED
25.4 — 88.9	2.4
89.0 — 127.0	3.2
127.1 — 171.4	4.8
171.5 — 212.7	6.4
212.8 — 254.0	7.9
254.1 — 295.3	9.5
295.4 — 336.5	11.1
336.6 & LARGER	12.7