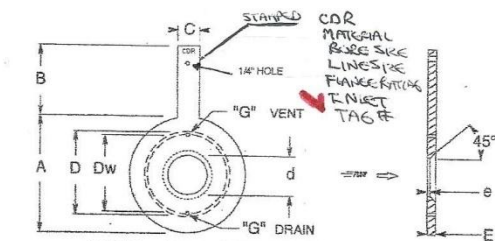




PADDLE TYPE ORIFICE PLATE

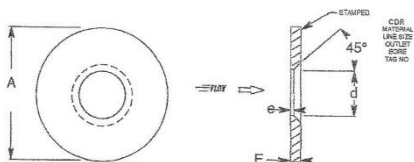


CAT No. A520 PADDLE ORIFICE PLATE

D = Inside Line I.D.
 G = Vent & Drain Hole Diameter
 Dw = Diameter of Vent & Drain Hole Circle
 d = Orifice Bore Diameter
 E = Orifice Plate Thickness
 e = Orifice Throat Thickness
 emax = The Smaller of D/50 or d/8

LINE SIZE INCHES	A					B	C	D	Dw	E	e	MAX DIFF LBS B= .50
	125# / 150#	300#	600#	900#	1500#							
1/2	1 7/8	2 1/8	2 1/8	2 1/2	2 1/2	4	1	0.622	N/A	1/8	1/32	7596
3/4	2 1/4	2 5/8	2 5/8	2 3/4	2 3/4	4	1	0.824	N/A	1/8	1/32	4113
1	2 5/8	2 7/8	2 7/8	3 1/8	3 1/8	4	1	1.049	N/A	1/8	1/32	2051
1 1/2	3 3/8	3 3/4	3 3/4	3 7/8	3 7/8	4	1	1.610	1.484	1/8	1/32	890
2	4 1/8	4 3/8	4 3/8	5 5/8	5 5/8	4	1	2.067	1.932	1/8	1/32	530
3	5 3/8	5 7/8	5 7/8	6 5/8	6 7/8	4	1	3.088	2.913	1/8	1/32	240
4	6 7/8	7 1/8	7 5/8	8 1/8	6 1/4	4	1	4.026	3.820	1/8	1/16	112
6	8 3/4	9 7/8	10 1/2	11 3/8	11 1/8	6	1 1/2	6.065	5.756	1/8	3/32	61
8	11	12 1/8	12 5/8	14 1/8	13 7/8	6	1 1/2	7.981	7.540	1/8	1/8	35
10	13 3/8	14 1/4	15 3/4	17 1/8	17 1/8	6	1 1/2	10.02	9.476	1/8	1/8	22
12	16 1/8	16 5/8	18	19 5/8	20 1/2	6	1 1/2	12.00	11.323	1/4	1/8	63
14	17 3/4	19 1/8	19 3/8	20 1/2	22 3/4	6	1 1/2	13.250	12.485	1/4	1/8	51
16	20 1/4	21 1/4	22 1/4	22 5/8	25 1/4	6	1 1/2	15.250	14.445	1/4	1/4	38
18	21 1/2	23 3/8	24	25	27 5/8	6	1 1/2	17.250	16.405	1/4	1/4	30
20	23 3/4	25 5/8	26 3/4	27 3/8	29 5/8	6	1 1/2	19.250	18.365	3/8	1/4	24
24	28 1/8	30 3/8	31	32 7/8	35 1/2	6	1 1/2	23.250	22.285	3/8	1/4	13

UNIVERSAL TYPE ORIFICE PLATE



ORIFICE BORE	MAX DIAMETER
LESS THAN 1,000	NOT RECOMMENDED
1,000" - 3,500"	3/32"
3,501" - 4,125"	1/8"
4,126" - 5,000"	5/32"
5,001" - 6,000"	3/16"
6,001" - 6,750"	7/32"
6,751" - 7,500"	1/4"
7,501" - 8,375"	9/32"
8,376" - 9,250"	5/16"
9,251" - 10,000"	11/32"
10,001" - 10,875"	3/8"
10,876" - 11,625"	13/32"
11,626" - 12,500"	7/16"
12,501" - 13,250"	15/32"
13,251"*	1/2"

LINE SIZE INCHES	PLATE OD A	PLATE THICKNESS E	BLANK WT LBS
2	2.437	1/8	0.17
3	3.437	1/8	0.34
4	4.406	1/8	0.55
6	6.437	1/8	1.18
8	8.437	1/8	2.03
10	10.687	1/8	3.25
12	13.079	1/4	9.02
14	14.563	1/4	11.16
16	16.563	1/4	14.58
18	18.563	1/4	18.45
20	20.563	3/8	22.78
24	24.500	3/8	32.80
26	26.750	3/8	62.00
30	30.750	1/2	112.00
34	35.228	1/2	134.00
36	36.000	1/2	156.00

ALL ACCORDING TO MEET OR EXCEED STANDARDS SET BY ISO, AGA, ASME ETC.

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