

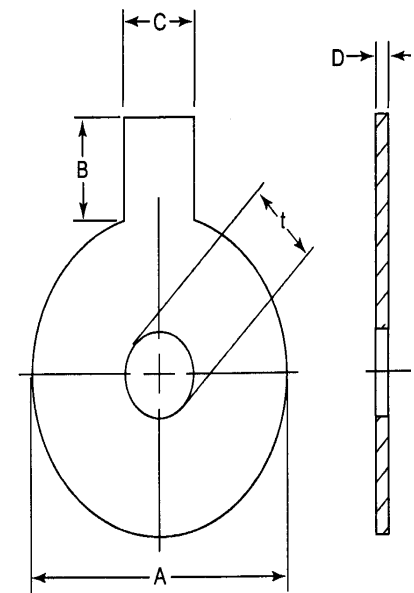
PADDLE TYPE ORIFICE PLATES



PADDLE TYPE ORIFICE PLATES ARE USED WITH ORIFICE FLANGE UNIONS. CIRCULAR DISCS ARE MACHINED WITH THE SAME PROCESS AS UNIVERSAL TYPE PLATES. NEXT, HANDLES ARE ATTACHED CAREFULLY BY HELIARC WELDING, AND ARE THEN SANDED TO A POLISHED FINISH. PLATE IS THEN STAMPED ON THE INLET SIDE WITH THE LINE SIZE, FLANGE RATING, ORIFICE DIAMETER, AND TYPE OF MATERIAL.

DIMENSIONS

LINE SIZE	125 LBS & 150 LBS	250 LBS & 300 LBS	400 LBS ANSI	600 LBS ANSI	900 LBS ANSI	1500 LBS ANSI	2500 LBS ANSI	FOR ALL PRESSURE RATINGS 125-2500 LBS ANSI		
								HANDLE DIMENSIONS		PLATE THICKNESS
								B	C	D
1/2	1 7/8	2 1/8	2 1/8	2 1/8	2 1/2	2 1/2	2 3/4	4	1	1/8
3/4	2 1/4	2 5/8	2 5/8	2 5/8	2 3/4	2 3/4	3	4	1	1/8
1	2 5/8	2 7/8	2 7/8	2 7/8	3 1/8	3 1/8	3 3/8	4	1	1/8
1 1/4	3	3 1/4	3 1/4	3 1/4	3 1/2	3 1/2	4 1/8	4	1	1/8
1 1/2	3 3/8	3 3/4	3 3/4	3 3/4	3 7/8	3 7/8	4 5/8	4	1	1/8
2	4 1/8	4 3/8	4 3/8	4 3/8	5 5/8	5 5/8	5 3/4	4	1	1/8
2 1/2	4 7/8	5 1/8	5 1/8	5 1/8	6 1/2	6 1/2	6 5/8	4	1 1/4	1/8
3	5 3/8	5 7/8	5 7/8	5 7/8	6 5/8	6 7/8	7 3/4	4	1 1/4	1/8
4	6 7/8	7 1/8	7	7 5/8	8 1/8	8 1/4	9 1/4	4	1 1/4	1/8
5	7 3/4	8 1/2	8 3/8	9 1/2	9 3/4	10	11	5	1 1/2	1/8
6	8 3/4	9 7/8	9 3/4	10 1/2	11 3/8	11 1/8	12 1/2	5	1 1/2	1/8
8	11	12 1/8	12	12 5/8	14 1/8	13 7/8	15 1/4	5	1 1/2	1/8
10	13 3/8	14 1/4	14 1/8	15 3/4	17 1/8	17 1/8	18 3/4	6	1 1/2	1/4
12	16 1/8	16 5/8	16 1/2	18	19 5/8	20 1/2	21 5/8	6	1 1/2	1/4
14	17 3/4	19 1/8	19	19 3/8	20 1/2	22 3/4	—	6	1 1/2	1/4
16	20 1/4	21 1/4	21 1/8	22 1/4	22 5/8	25 1/4	—	6	1 1/2	3/8
18	21 1/2	23 3/8	23 1/4	24	25	27 5/8	—	6	1 1/2	3/8
20	23 3/4	25 5/8	25 3/8	26 3/4	27 3/8	29 5/8	—	6	1 1/2	3/8
22	26	27 3/4	27 1/2	28 7/8	—	—	—	6	1 1/2	3/8
24	28 1/8	30 3/8	30 1/8	31	32 7/8	35 1/2	—	6	1 1/2	1/2
30	34 5/8	37 5/8	37 1/8	38 1/8	—	—	—	6	1 1/2	1/2
36	41 1/8	43 7/8	43 7/8	44 3/8	—	—	—	6	1 1/2	1/2



t Bore to be specified by the customer

WEIGHTS

LINE SIZE	ANSI CLASS 125 & 150	ANSI CLASS 250 & 300	ANSI CLASS 600	ANSI CLASS 900	PLATE THICKNESS
1/2	0.09	0.12	0.12	0.12	1/8
3/4	0.16	0.21	0.21	0.21	1/8
1	0.31	0.36	0.36	0.42	1/8
1 1/2	0.43	0.52	0.52	0.56	1/8
2	0.59	0.66	0.66	1.03	1/8
3	0.93	1.10	1.10	1.37	1/8
4	1.46	1.57	1.78	2.01	1/8
6	2.34	2.94	3.33	3.87	1/8
8	7.22	8.72	9.46	11.78	1/4
10	10.37	11.73	14.25	16.79	1/4
12	14.92	15.84	18.52	21.95	1/4
14	18.01	20.86	21.40	23.92	1/4
16	35.03	38.52	42.18	43.61	3/8
18	35.60	47.37	49.95	54.20	3/8
20	48.81	56.81	61.88	64.86	3/8
24	90.94	106.12	110.52	125.20	1/2

WHEN ORDERING, PLEASE SPECIFY:

- LINE SIZE
- TYPE OF MATERIAL
- FLANGE ANSI RATING
- ORIFICE DIAMETER
- THICKNESS
- QUANTITY