



Quality Products & Sales Inc

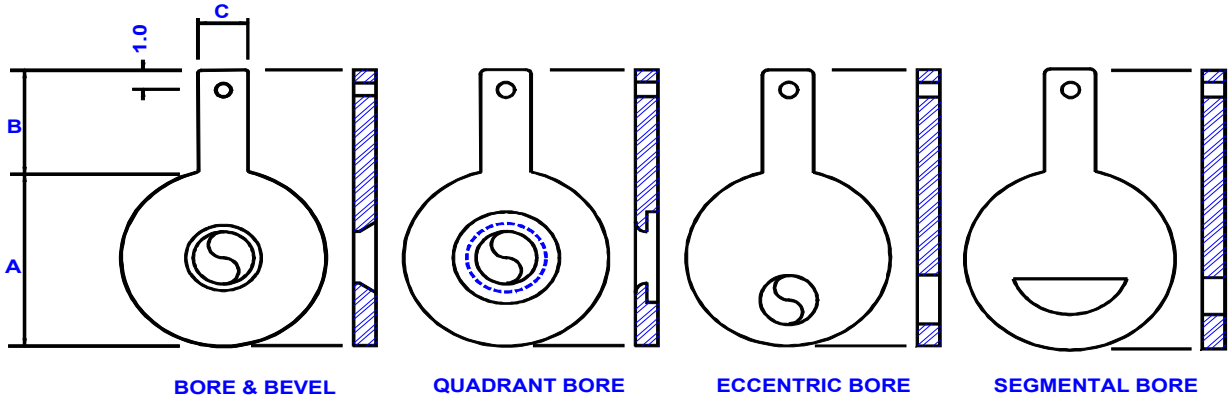
Orifice Metering Division

PO Box 7

Broken Arrow Ok 74013

Local #(918) 251-0115 * Watts #(800) 444-4634 * Fax #(918) 455-1982

Paddle Type Orifice Plate



LINE SIZE	150# FLANGE RATING	300# FLANGE RATING	400# FLANGE RATING	600# FLANGE RATING	900# FLANGE RATING	1500# FLANGE RATING	2500# FLANGE RATING	HANDLE LENGTH	HANDLE WIDTH
	A	A	A	A	A	A	A	B	C
1/2	1.875	2.125	2.125	2.125	2.500	2.500	2.750	4.0	1.0
3/4	2.250	2.625	2.625	2.625	2.750	2.750	3.000	4.0	1.0
1	2.625	2.875	2.875	2.875	3.125	3.125	3.375	4.0	1.0
1-1/2	3.375	3.750	3.750	3.750	3.875	3.875	4.625	4.0	1.0
2	4.125	4.375	4.375	4.375	5.625	5.625	5.750	4.0	1.0
2-1/2	4.875	5.125	5.125	5.125	6.500	6.500	6.625	4.0	1.0
3	5.375	5.875	5.875	5.875	6.625	6.875	7.750	4.0	1.0
4	6.875	7.125	7.000	7.625	8.125	8.250	9.250	4.0	1.0
6	8.750	9.875	9.750	10.500	11.375	11.125	12.500	6.0	1.0
8	11.000	12.125	12.000	12.625	14.125	13.875	15.250	6.0	1.0
10	13.375	14.250	14.125	15.750	17.125	17.125	18.750	6.0	1.0
12	16.125	16.625	16.500	18.000	19.625	20.500	21.625	6.0	1.0
14	17.750	19.125	19.000	19.375	20.500	22.750	*	6.0	1.0
16	20.250	21.250	21.125	22.250	22.625	25.250	*	6.0	1.0
18	21.500	23.375	23.250	24.000	25.000	27.625	*	6.0	1.0
20	23.750	25.625	25.375	26.750	27.375	29.625	*	6.0	1.0
24	28.125	30.375	30.125	31.000	32.875	35.500	*	6.0	1.0

MATERIALS: 304 SS., 316 SS., MONEL, HASTELLOY, TITANIUM, TANTALUM, INCONEL, ALLOY 20

Other materials available upon request

Manufactured to meet
 A.G.A Report #3
 A.P.I 14.3.2
 ASME SPECIFICATIONS
 I.S.O. SPECIFICATIONS

Calculations available using equations
 A.G.A. REPORT #3
 API-2530
 ASME MFC-3M
 ISO-5167

Orifice Flanges sold separate



Quality Products & Sales Inc

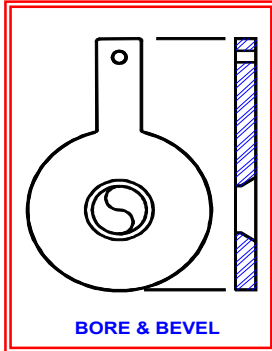
Orifice Metering Division

PO Box 7

Broken Arrow Ok 74013

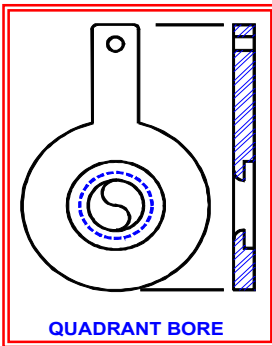
Local #(918) 251-0115 * Watts #(800) 444-4634 * Fax #(918) 455-1982

Paddle Type Orifice Plate



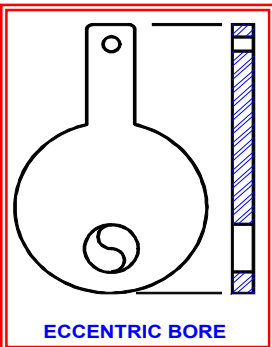
The Concentric Bore & Bevel is the most widely accepted style of Orifice Plate. The bevel is machined on the downstream side to narrow the bore edge to the appropriate edge thickness.

* Bore & Bevels are designed for clean gases/vapors and liquids.



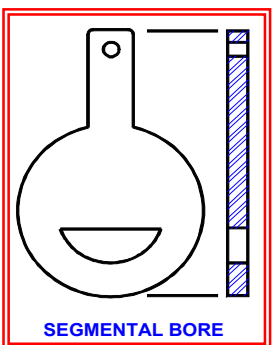
The Quadrant bored Orifice Plate is machined with a rounded inlet edge. The thickness of the plate must be at least equal to the radius. Any excess material is removed with a counter-bore on the downstream side of the plate.

* Quadrant bores are designed for dirty, viscous and corrosive liquid



The Eccentric bored Orifice Plate is machined off center. With the bottom of the bore setting inscribed within a circle equal to 98% of the pipe diameter.

* Eccentric bores are designed for dirty gases/vapors and liquids with solids or slurries entrapped in the line.



The Segmental bored Orifice Plate is machined by removing a segment of a circle. With the bottom of the bore setting inscribed within a circle equal to 98% of the pipe diameter.

* Segmental bores are designed for dirty gases/vapors and liquids