

Round Opening Thimbles

Square Front Flange – Round Opening

Locations requiring round openings through the wall should utilize this type of thimble. The front face is cast with a square flange to receive the square gate. The opening through the thimble is round. All four corners are cast with webs of iron to convert from the square flange to the round opening. Four reinforcing ribs are cast on the back of the thimble to give the corners the stiffness and strength required. This reinforcing is embedded in the wall when the concrete is poured.

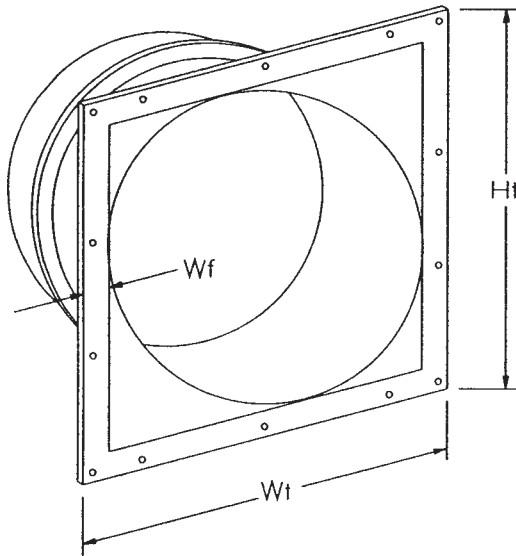


Figure 4-5
Square Front Flange, Round Opening

Gate installation is simplified with the square flange. All studs are around the outside square where they are readily accessible. When a flange-back gate is used, and installation clearances are to be kept at a minimum, studs can be projected through the frame of the gate to reduce side and bottom clearances needed.

Square Front Flange, Round Opening

For all round openings with square, flat, or flange back slide gates.

Opening Size (In.)	Overall Width W_T (In.)	Overall Height H_T (In.)	Width of Flange W_F (In.)
6	14.25	14.25	4.12
8	16.25	16.25	4.12
10	18.25	18.25	4.12
12	20.25	20.25	4.12
14	22.25	22.25	4.12
15	23.25	23.25	4.12
16	24.25	24.25	4.12
18	26.25	26.25	4.12
20	28.25	28.25	4.12
21	29.25	29.25	4.12
24	32.25	32.25	4.12
30	38.25	38.25	4.12
36	47.50	47.50	5.62
39*	50.50	50.50	5.62
42	53.25	53.25	5.62
48	59.25	59.25	5.62
54	65.25	65.25	5.62
60	73.50	73.50	6.75
66	79.50	79.50	6.75
72	85.50	85.50	6.75
78	91.50	91.50	6.75
84	97.50	97.50	6.75
96	109.50	109.50	6.75
108	123.50	123.50	7.50

*One Meter Diameter