



**Figure 4-4**  
Rectangular Flange, Rectangular Opening

## “F” Thimbles for Rectangular Openings

Opening Size (In.)	Overall Width $W_T$ (In.)	Overall Height $H_T$ (In.)	Width of Flange $W_F$ (In.)
12 x 18	20.25	26.25	4.12
18 x 12	26.25	20.25	4.12
18 x 24	26.25	32.25	4.12
18 x 30	26.25	38.25	4.12
18 x 36	29.25	47.25	5.62
24 x 18	32.25	26.25	4.12
24 x 30	32.25	38.25	4.12
24 x 36	35.25	47.25	5.62
24 x 42	35.25	53.25	5.62
24 x 48	35.25	59.25	5.62
30 x 18	38.25	26.25	4.12
30 x 24	38.25	32.25	4.12
30 x 36	41.25	47.25	5.62
30 x 42	41.25	53.25	5.62
30 x 48	41.25	59.25	5.62
30 x 60	43.50	73.50	6.25
36 x 18	47.25	29.25	5.62
36 x 24	47.25	35.25	5.62
36 x 30	47.25	41.25	5.62
36 x 42	47.25	53.25	5.62
36 x 48	47.25	59.25	5.62
36 x 54	47.25	65.25	5.62
36 x 60	49.50	73.50	6.75
36 x 72	49.50	85.50	6.75
36 x 84	49.50	97.50	6.75
42 x 30	53.25	41.25	5.62
42 x 36	53.25	47.25	5.62
42 x 48	53.25	59.25	5.62
42 x 60	55.50	73.50	6.75

Opening Size (In.)	Overall Width $W_T$ (In.)	Overall Height $H_T$ (In.)	Width of Flange $W_F$ (In.)
48 x 24	59.25	35.25	5.62
48 x 30	59.25	41.25	5.62
48 x 36	59.25	47.25	5.62
48 x 42	59.25	53.25	5.62
48 x 54	59.25	65.25	5.62
48 x 60	61.50	73.50	6.75
48 x 72	61.50	85.50	6.75
48 x 84	61.50	97.50	6.75
48 x 96	61.50	109.50	6.75
48 x 108	63.00	123.00	7.50
54 x 36	65.25	47.25	5.62
54 x 48	65.25	59.25	5.62
60 x 30	73.50	43.50	6.75
60 x 36	73.50	49.50	6.75
60 x 42	73.50	55.50	6.75
60 x 48	73.50	61.50	6.75
60 x 72	73.50	85.50	6.75
60 x 84	73.50	97.50	6.75
60 x 96	73.50	109.50	6.75
60 x 120	75.00	135.00	7.50
72 x 36	85.50	49.50	6.75
72 x 48	85.50	61.50	6.75
72 x 60	85.50	73.50	6.75
72 x 84	85.50	97.50	6.75
72 x 96	85.50	109.50	6.75
72 x 108	87.00	123.00	7.50
72 x 120	87.00	135.00	7.50
72 x 144	87.00	159.00	7.50
84 x 36	97.50	49.50	6.75
84 x 48	97.50	61.50	6.75
84 x 60	97.50	73.50	6.75
84 x 72	97.50	85.50	6.75
84 x 96	97.50	109.50	6.75
84 x 108	99.00	123.00	7.50
84 x 120	99.00	135.00	6.75
96 x 48	109.50	61.50	6.75
96 x 60	109.50	73.50	6.75
96 x 72	109.50	85.50	6.75
96 x 84	109.50	97.50	6.75
96 x 120	111.00	135.00	7.50
96 x 144	111.00	159.00	7.50
102 x 108	117.00	123.00	7.50
108 x 72	123.00	87.00	7.50
108 x 84	123.00	99.00	7.50
108 x 102	123.00	117.00	7.50
108 x 120	123.00	135.00	7.50
120 x 60	135.00	75.00	7.50
120 x 72	135.00	87.00	7.50
120 x 84	135.00	99.00	7.50
120 x 96	135.00	111.00	7.50
120 x 108	135.00	123.00	7.50
120 x 132	135.00	147.00	7.50
120 x 144	135.00	159.00	7.50
132 x 120	147.00	135.00	7.50
144 x 72	159.00	87.00	7.50
144 x 96	159.00	111.00	7.50
144 x 120	159.00	135.00	7.50