

Standard Balances

(For Sash & Industrial Applications)

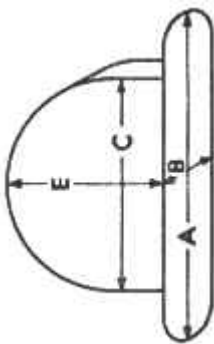
SPECIFICATION SHEET



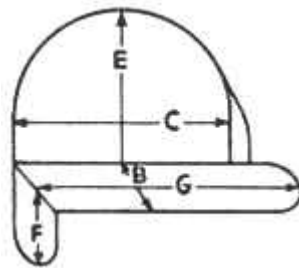
Applications:

- Historic Restoration
- Renovation
- New Construction
- Industrial Applications
- Residential & Commercial

Dimensional Specification Chart



Side Type



Overhead Type

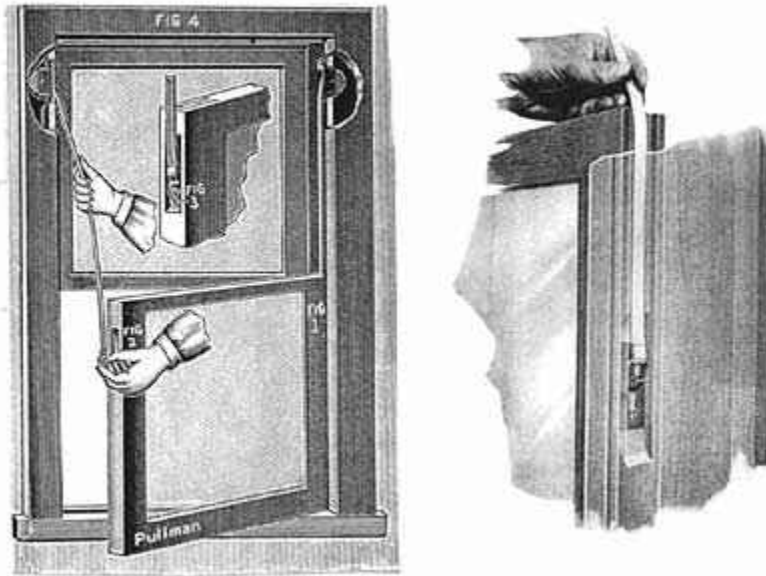
Dimensions	Type F	Type A	Type L	Type M
A	4 3/8"	6"	7 7/16"	8 3/4"
B	15/16"	1"	1 3/8"	1 3/4"
C	2 1/2"	3 7/16"	4 7/16"	5 13/16"
E	2 5/8"	3 7/16"	4 3/8"	5 7/16"
F	1"	1 5/16"	1 1/2"	1 1/2"
G	3 3/8"	4 11/16"	5 7/8"	7 1/4"
Tape Length	40"	46"	54"	60"

Part Number Listing by Weight (Per Sash)***
Weights based On 2 balances (Per Sash)***

Lbs.	Unit F	Unit F	Unit A	Unit A	Unit L	Unit L	Unit M	Unit M
	Side Type	Overhead Type	Side Type	Overhead Type	Side Type	Overhead Type	Side Type	Overhead Type
4 to 5	2-F	102-F	2-A	102-A	.....	.....	.....	.....
5 to 7	3-F	103-F	3-A	103-A	.....	.....	.....	.....
7 to 9	4-F	104-F	4-A	104-A	.....	.....	.....	.....
9 to 11	5-F	105-F	5-A	105-A	.....	.....	.....	.....
11 to 13	6-F	106-F	6-A	106-A	.....	.....	.....	.....
13 to 15	7-A	107-A	.....	.....	.....	.....
15 to 17	8-A	108-A	.....	.....	.....	.....
17 to 19	9-A	109-A	.....	.....	.....	.....
19 to 21	10-A	110-A	8-L	108-L	.....	.....
21 to 23	11-A	111-A	9-L	109-L	.....	.....
23 to 25	12-A	112-A	.....	.....	.....	.....
24 to 26	10-L	110-L	.....	.....
25 to 27	13-A	113-A	.....	.....	.....	.....
27 to 29	14-A	114-A	11-L	111-L	.....	.....
30 to 32	12-L	112-L	.....	.....
33 to 35	13-L	113-L	.....	.....
36 to 38	14-L	114-L	14-M	114-M
39 to 41	15-L	115-L	15-M	115-M
42 to 44	16-L	116-L	16-M	116-M
45 to 48	17-L	117-L	17-M	117-M
49 to 51	18-L	118-L	.....	.....
52 to 54	19-L	119-L	.....	.....
49 to 52	19-M	119-M
53 to 56	21-M	121-M
57 to 60	23-M	123-M
61 to 64	25-M	125-M
65 to 68	27-M	127-M
69 to 72	29-M	129-M
73 to 76	31-M	131-M
77 to 80	33-M	133-M
81 to 84	35-M	135-M
85 to 88	37-M	137-M
89 to 92	39-M	139-M
93 to 96	41-M	141-M
97 to 100	43-M	143-M
101 to 105	45-M	145-M

*** For single balances used on mechanical devices, divide weights shown by 2. ***

General Installation Information For Pullman Sash Balances



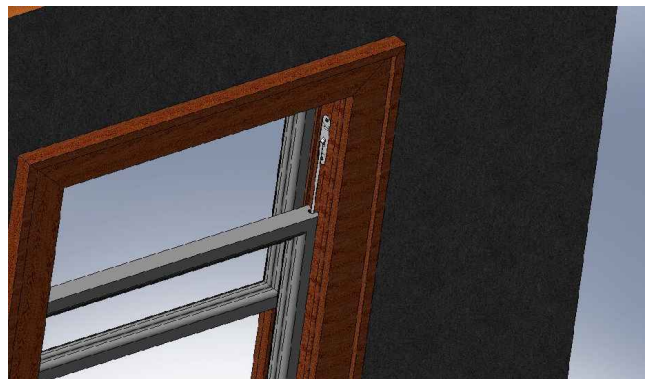
Always weigh the sash carefully and use the correct balance. On each balance, the weights which two balances will handle are stamped on the face under the model and spring number. If possible, use the balances themselves for cutting the necessary mortises.

Directions for Fitting Sash Balances

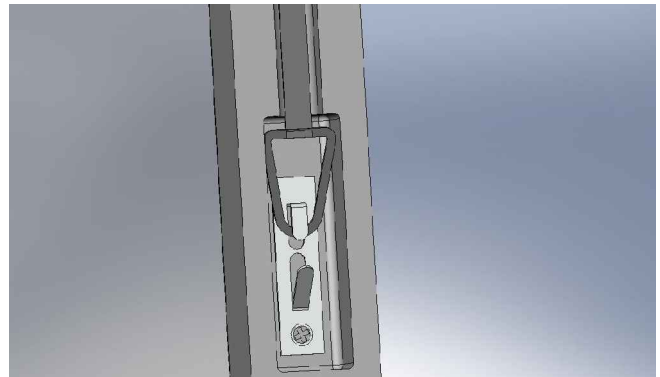
1. Keep tape absolutely free from paint. Otherwise it will interfere with free action of moving parts.
2. Do not kink the tape or allow it to slip from the fingers and fly back into the Balance. This is almost sure to break the loop off at the end of the tape.
3. See that the sash works freely in the frame and does not bind at any point.
4. Pull tape out of Balance straight downward, never in an outward or upward direction.

To Prepare Windows

1. Place Balances near top - about 3 1/2 inches below top rail for Side Type. Overhead Type Balances are applied the same way except that mortises are made in top rail of frame near the corner, instead of in the side.



2. Attach the Tape Hook (screw hole at the bottom) in the deeper part of the groove of the sash. The outer piece angle piece is bent so it will come exactly flush with the edge of the sash, no more no less.



3. *Make sure that the weights that are stamped on the faceplate correspond with the actual weight of the sash* - this is important. With the hook device the sash may be fitted complete and fastened in the frame. The Balance is put in last, because the tape may be hooked (or unhooked) readily without disturbing the sash. Therefore, if for any reason it is necessary to remove the Balance; this can be done without taking the sash out of the frame.

* Additional information is available on our website at www.pullmanbalances.com Refer to "Standard Balance" page.

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