

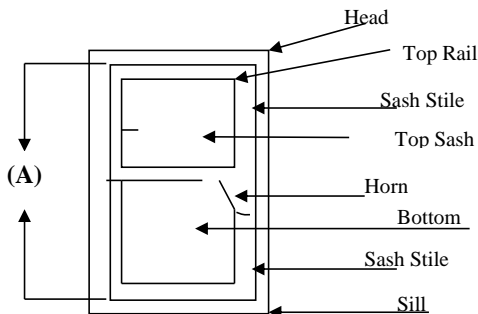


Instructions to determine required Unique Sash Balance

The correct type of balance required for your window is governed by the size and weight of the sashes. The following information is required to ensure the correct balances are manufactured for your windows.

1. Measure overall window height accurately as per the diagram Below and select correct Balance Product Number as per the chart to the right. (Instructions for chart are at the bottom of the page).
2. Weigh window sash (place bathroom scales under sash) to determine correct spring size for manufacturing purposes.
3. Determine rebate size. Your rebate size will determine what type of balance your window requires. There are three (3) different diameter balances as described below.

Type <u>A</u>	Type <u>B</u>	Type <u>D</u>	Type <u>HD</u>
10mm	13.4mm	14.5mm	13.4mm
Diameter	Diameter	Diameter	Diameter
Rebate	Rebate	Rebate	Rebate
11mmx11mm	15mmx15mm	16mmx16mm	15mmx15mm
Sash Weight	Sash Weight	Sash Weight	Sash Weight
to	to	to	to
8.16 kg	14 kg	13.6 kg	18 kg



(A)		(B)	Tube Size in mm	Total closed length (mm) ±5mm	Total open length (mm) ±5mm
mm	mm				
635	- 690	10	330	370	675
690	- 735	11	355	390	725
735	- 785	12	380	420	775
785	- 840	13	405	445	825
840	- 890	14	430	470	875
890	- 940	15	455	490	920
940	- 990	16	485	520	970
990	- 1040	17	510	540	1020
1040	- 1090	18	535	570	1075
1090	- 1145	19	560	595	1120
1145	- 1195	20	585	615	1170
1195	- 1245	21	610	645	1225
1245	- 1295	22	635	670	1275
1295	- 1345	23	660	690	1325
1345	- 1395	24	690	720	1375
1395	- 1450	25	715	745	1425
1450	- 1500	26	735	765	1470
1500	- 1550	27	760	800	1520
1550	- 1600	28	785	825	1570
1600	- 1650	29	815	850	1620
1650	- 1700	30	840	880	1675
1700	- 1755	31	865	900	1725
1755	- 1805	32	890	930	1780
1805	- 1855	33	915	940	1810
1855	- 1905	34	940	975	1860
1905	- 1955	35	965	1000	1905
1955	- 2005	36	990	1025	1955
2005	- 2055	37	1015	1040	2010
2055	- 2110	38	1040	1070	2050
2110	- 2160	39	1065	1105	2125
2160	- 2210	40	1090	1120	2155
2210	- 2260	41	1115	1155	2205
2260	- 2310	42	1145	1180	2255
2310	- 2360	43	1170	1205	2310
2360	- 2415	44	1195	1230	2360
2415	- 2465	45	1220	1260	2410
2465	- 2515	46	1245	1285	2460
2515	- 2590	47	1270	1310	2510
2590	- 2615	48	1295	1345	2560

Column A

The total overall height of your window will fall between a size range in column (A) in the chart above

Column B

When you have found a figure in column (A) that your window measurement fits between follow that row across to column (B), This is the product number for a **Bottom Sash**

TOP SASH Please order 2 sizes smaller for the top sash. This is assuming that both top & bottom sash are of equal size
Eg. If dimension (A) is 1250mm. You would choose a #22 balance for bottom & #20 for top

Note

For a Top Sash with 50mm Horns please use same balance as bottom sash (column B).