

HINGES

STERLING® HINGES

SECTION 6.1 SHEET 1 of 2

ISSUE: September, 2007

VENT SIZE AND WEIGHT CHART - STERLING® Hinges

Hinge Code (Top Hung)	Max. Vent Weight (Kg)	Min. Vent Height (mm)	Max. Vent Height (mm)	Max. Vent Width (mm)	Opening Angle (+/- 2.5°)
SPT10	40	267	635	-	50°
SPT12	50	635	787	-	50°
SPT16 & SPT16W	65	787	1090	-	50°
SPTH16*	100	600	1100	-	30°
SPT22*	100	1090	1500	-	45°
SPT22W*	100	1500	2000	-	20°
SPT26*	180	2000	2500	-	20°
Hinge Code (Side Hung)		Min. Vent Width (mm)			
SPS10	38	300	-	660	85°
SPS16	47	450	-	838	90°

Note: Vent height/width is measured from rebate to rebate (not overall size or outer frame size) on conventional windows or glass size on structurally glazed windows e.g. curtain wall panels whichever is the greater dimension. For maximum vent height and widths not stated, consult profile manufacturers for recommendations on requirements of system strength and sealing.

Note: *Vents of 100Kg or higher, must be fitted with S7280 Cam adjustment devices, which are optional on lighter vents.

Note: Separate restrictors (SR8 or SR16 pair), vent holding devices or an operating mechanism maybe required to hold large vents in a selected ventilation position against variable wind pressure.

Note: As with all types of friction hinges, friction cannot be provided until the slider moves, therefore when limiting the opening of top hung vents to angles of 10° or less, additional separate device(s) will be required on top hung vents to enable them to remain in a selected ventilation position.

Note: Above sizes/weights also apply to BX (STERLING® Offset Series).

It is the responsibility of the user to ensure that this document is at the latest issue.

Due to our policy of continual product improvement we reserve the right to alter specifications without notice.

It is the responsibility of the window manufacturer to ensure that the finished window meets the required performance and safety specification.

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FITTING INSTRUCTIONS: Fixing Hole References

Fixing Hole Centre Reference Chart - STERLING® Hinges

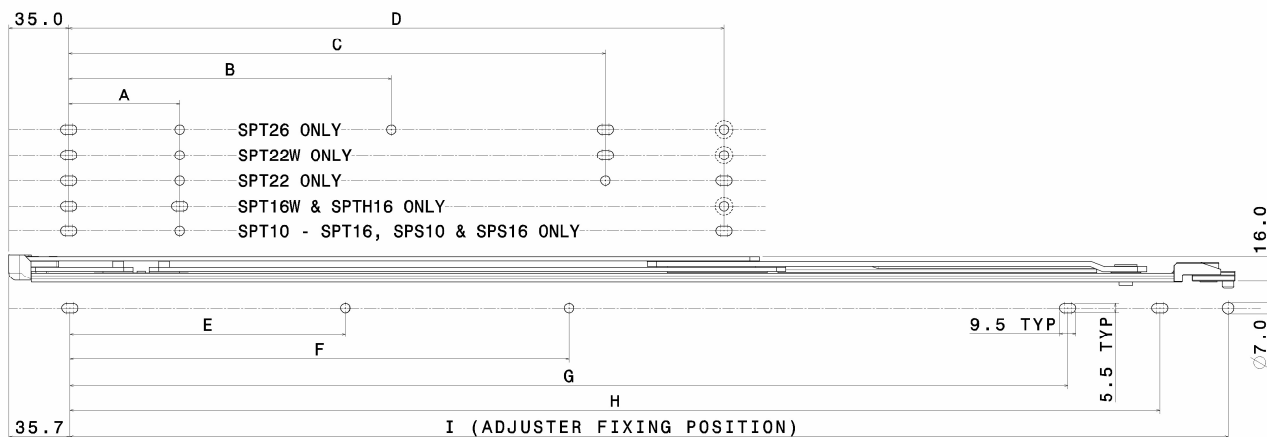
SPT - Sterling Top Hung

SPS - Sterling Side Hung

Dimensions

Description	A	B	C	D	E	F	G	H	I
SPT10	40.8	-	-	165.1	-	177.8	-	218.2	256.2
SPT12	65.0	-	-	190.1	-	212.7	-	269.0	307.3
SPT16/SPT16W	118.4	-	-	241.2	215.7	304.0	-	370.6	408.9
SPTH16	118.4	-	-	241.2	133.7	222.0	-	370.6	408.9
SPT22	65.0	-	203.2	317.4	251.3	418.3	-	523.0	561.3
SPT22W	80.0	-	235.8	350.0	-	295.4	-	526.5	564.8
SPT26	65.0	189.0	314.4	383.9	161.4	292.4	584.5	638.5	676.8
SPS10	34.0	-	-	165.1	-	177.8	-	218.2	-
SPS16	65.0	-	-	241.2	-	304.0	-	370.6	-

Note: Above hole fixings also apply for BX (Offset) variants.



Not to Scale, All dimensions in mm

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