

DATASHEET



Cotswold
Architectural Products



Heavy Duty Self-Balancing Friction Stays

for commercial applications

Heavy Duty Self-Balancing Friction Stays

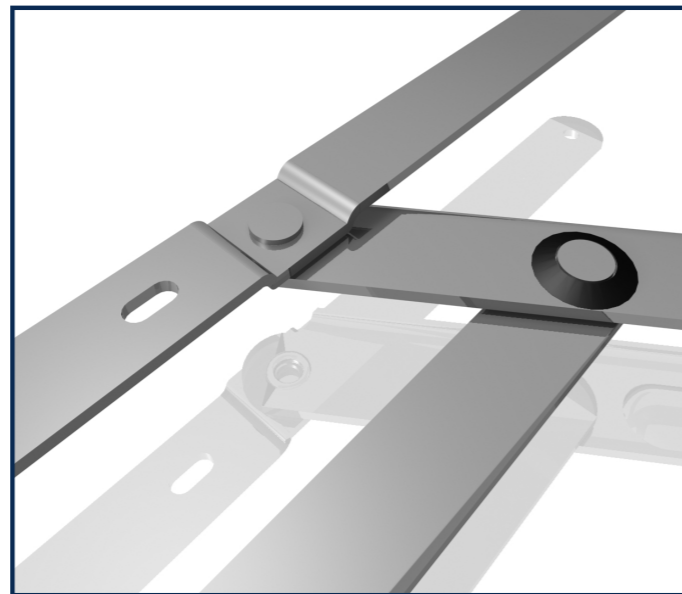
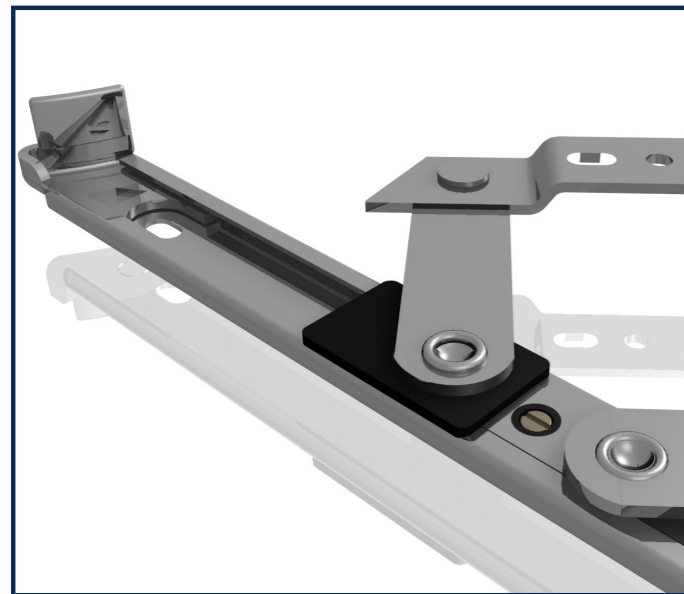
Heavy Duty Self-Balancing friction stays for enhanced performance on top hung Timber, uPVC and large selection of aluminium profiles.

- Can be used on top hung vents up to 2.5m high and 180Kg in weight.
- Self-balancing stays provide greater gust load resistance and can eliminate the need for extra support arms.
- Composite steel/plastic slider for strength, durability and smooth operation.
- Austenitic stainless steel cap for added strength.
- Friction stay stack height 16-17mm.

On any windows over 32Kg we recommend that you fit additional Heavy Duty Friction Arms HD102, or TEL series, TELK support arms.

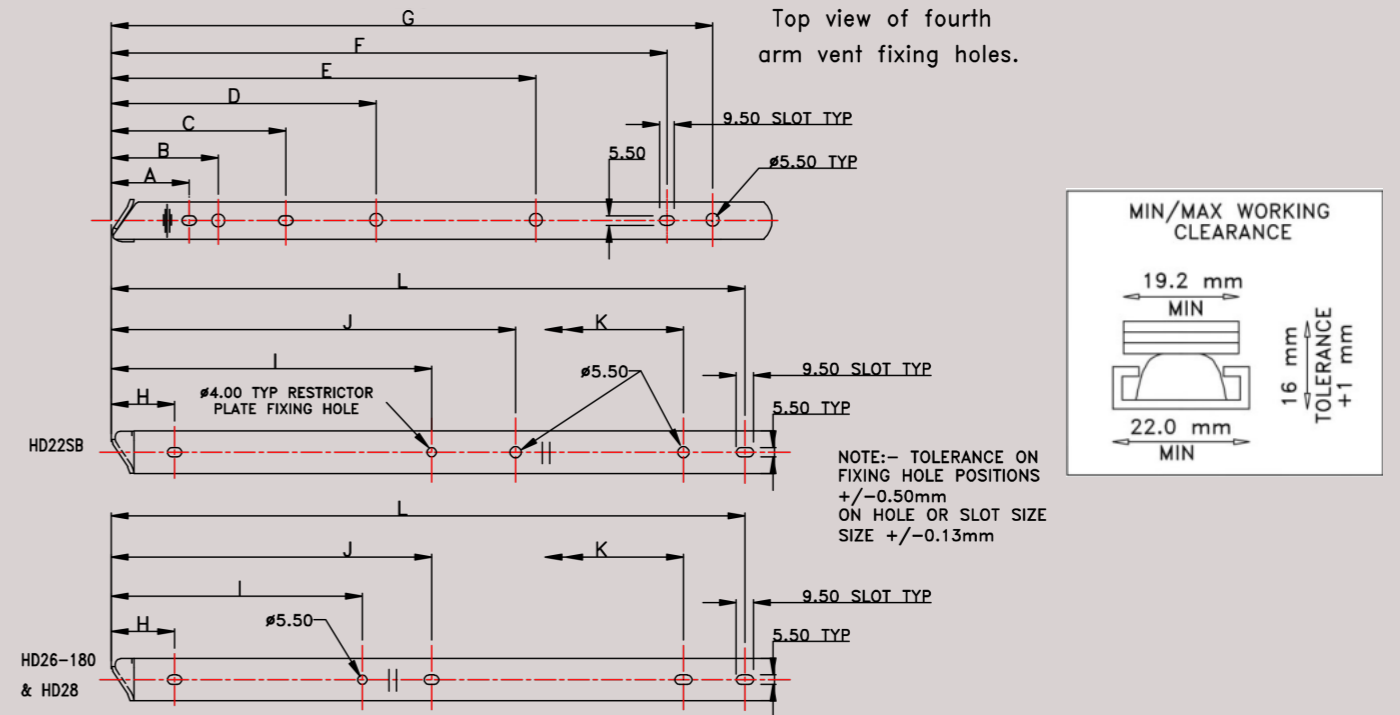
Recommended Maximum Window Weights and Rebate Sizes

Product	Application	Size (Ins)	Size (mm)	Max. Vent Height (mm)	Max. Vent Weight (kg)	Stack Height (mm)	Max. Opening Angle
HD22SB	Top Hung	22.3	567	1500	100kg @ 20° 80kg @ 40°	16/17	20° & 40°
HD26-180	Top Hung	27.1	689	2500	180kg	16/17	20°
HD28	Top Hung	27.8	707	2200	100kg	16/17	20°



Fixing Hole Details

Product	Application	A	B	C	D	E	F	G	H	I	J	K	L
HD22SB	TOP HUNG	35.1	48.5	-	99.5	249.4	371.7	384.2	35.8	230.6	322.5	502.0	558.5
HD26-180	TOP HUNG	51.9	66.9	-	203.3	-	339.9	475.8	36.1	235.9	274.3	604.5	680.1
HD28	TOP HUNG	51.6	66.7	98.7	124.7	203.3	339.2	475.6	36.0	235.5	274.1	604.0	698.5



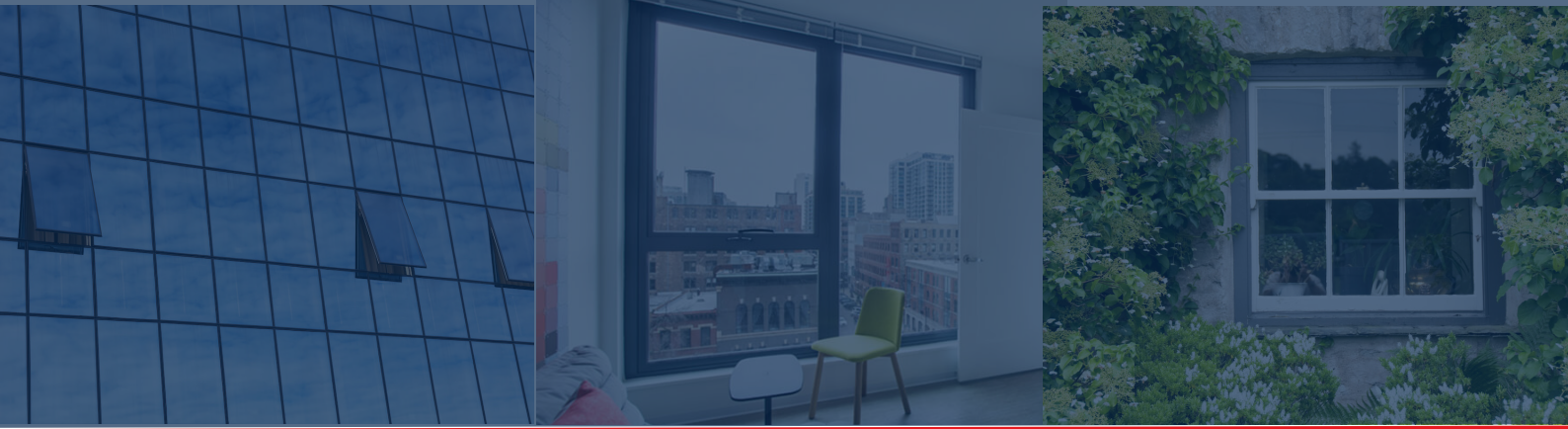
Optimum Performance Tested to last



- BBA certified.
- Cycle tested to 50,000 cycles with no loss of function in accordance with BSEN 1191:2012 and exceeding class 4.
- Manufactured from high grade Austenitic Stainless Steel for enhanced corrosion resistance. Tested to Grade 5 (480 hours) exposure in accordance with BS EN 1670:2007.

Note: For larger or heavier sashes, all sash fixings should pick up reinforcement to ensure consistent performance.

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



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At Cotswold Architectural Products, every component is engineered for precision, durability, and strength. Trusted by professionals worldwide, we deliver performance you can rely on.

Every effort has been made to ensure the information in this datasheet is accurate at the time of publication. Cotswold Architectural Products Ltd reserves the right to make changes without prior notice.

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GLASS AND GLAZING FEDERATION



Cotswold Architectural Products Ltd

Manor Road
Cheltenham
Gloucestershire
GL51 9SQ

Tel: +44 1242 233993
Email: info@cotswoldap.com

