

Heavy Duty Friction Stay



Hingeguard Elite
(sold separately)

Features

- High quality Stainless Steel for long life performance in accordance with BS EN 10088-2:2014
- Durable and reliable design
- Rigorously tested in accordance with BS EN 13126-6:2008 and BS 6375-1:2009 to ensure maximum carrying weights in maximum size windows meet the criteria for lasting safe performance of the stay
- Pointed arm and nylon end cap provide gasket compression and smooth engagement
- Friction adjustment cam
- All rivets are solid
- Anthracite grey end cap and nylon components enhances the look of the stay in a window
- 2 stack heights – 14mm and 16.5mm
- Available in Top Hung (20" and 24")
- PAS 24 security performance can be obtained in conjunction with a hingeguard in a compliant window system
- The hingeguard is designed to only engage when the window is under attack and prevents disengagement by supporting the friction hinge

Technical Information

Corrosion resistance

Meets the requirements of BS EN 1670:2007 Grade 4 (240 hours)

Performance

Meets the requirements of BS 6375-1:2009

Tested to 25,000 cycles of opening in accordance with BS EN 13126-1:2006

Operation

Meets the requirements of BS 6375-2:2009

Tested to BS EN 13126-6, Variable geometry stay hinges

Material Specification

Bars, Arms and Rivets:	Stainless Steel 430 (Standard: JIS G4305: 2012)
Rivet:	Stainless Steel 304
End Cap:	Anthracite grey RAL 7016 Nylon
Slider:	Anthracite grey RAL 7016 POM
Locking Screw:	Brass 62#
Slider Catch:	Zinc 3#



Must be used in conjunction with a Hingeguard

Dependent on application

Must be used in conjunction with a Hingeguard

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Ordering Details

Top Hung	Part No.
Size	14mm 16.5mm
516mm 20"	WFSHD20TH14SF WFSHD20TH17SF
616mm 24"	WFSHD24TH14SF WFSHD24TH17SF

Dimensions

Size (mm)	Nom Inch	Dim A	Dim B	Dim C	Dim D	Dim E	Dim F	Dim G	Dim H	Dim I
516mm	20" TH	35.6	52.4	216.6	-	310.7	30.6	217.3	-	508.4
616mm	24" TH	35.6	52.4	97.9	267.4	361.4	30.6	217.3	405.2	609.8

Weights and Sash Sizes

Size (mm)	Nom Inch	Approx. Opening Angle	Max Width (mm)	Max Height (mm)	Max Sash Weight (kg)
Top Hung					
516mm	20"	43°	1200mm	700mm	37kg
616mm	24"	39°	1200mm	750mm	49kg

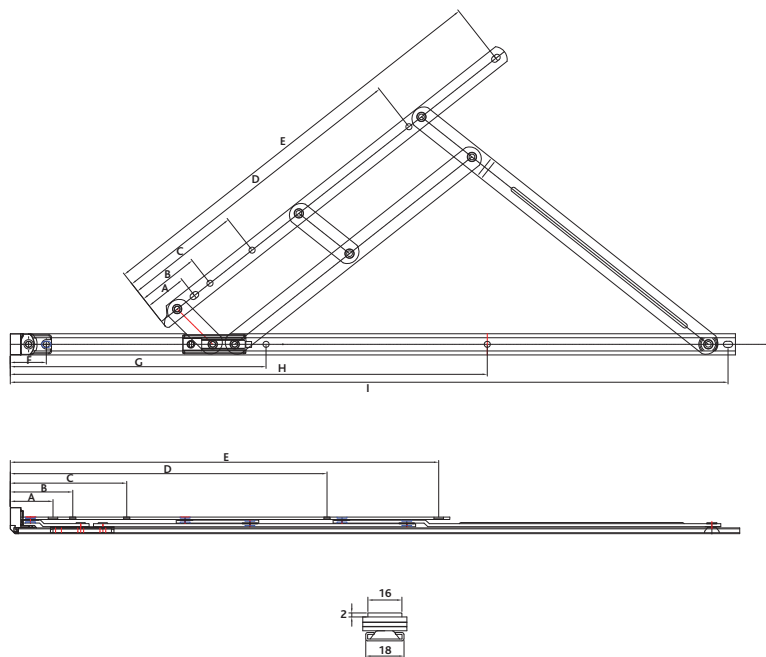
Packaging

Size	Box Quantity	Box Weight (14mm)	Box Weight (17mm)
Top Hung			
20"	516mm	16	12.5kg 12.6kg
24"	616mm	16	14.6kg 14.6kg

Maintenance

All moving parts should be lightly lubricated using a light non-acidic mineral oil (e.g. "3 in 1") twice per year and the surface cleaned with a soft damp cloth. The product may need to be adjusted and fixings tightened to ensure a satisfactory operation.

Top Hung



All dimensions are in mm.

ERA reserves the right to change specification without notice. It is the responsibility of the window manufacturer to ensure that the finished product meets any required safety and performance specification