

## Standard 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
- Available in Stainless Steel 430 or Austenitic Stainless Steel 304
- 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 – 13mm and 16.5mm
- Available in Top Hung (8" - 24") and Side Hung (12" - 16")
- 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

SS 430 - Meets the requirements of BS EN 1670 Grade 4 (240 hours)  
SS 304 - Meets the requirements of BS EN 1670 Grade 5 (480 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 or Stainless Steel 304 (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#



Mechanical Guarantee

Must be used in conjunction with a Hingeguard

PVCu

Timber

Aluminium

Must be used in conjunction with a Hingeguard

## Standard Friction Stay

### Ordering Details

Top Hung		Part No.	
Size	13mm	16.5mm	
152mm 6"	WFSES06TH13SF	WFSES06TH17SF	
210mm 8"	WFSES08TH13SF	WFSES08TH17SF	
261mm 10"	WFSES10TH13SF	WFSES10TH17SF	
311mm 12"	WFSES12TH13SF	WFSES12TH17SF	
414mm 16"	WFSES16TH13SF	WFSES16TH17SF	
516mm 20"	WFSES20TH13SF	WFSES20TH17SF	
616mm 24"	WFSES24TH13SF	WFSES24TH17SF	

Side Hung		Part No.	
311mm 12"	WFSES12SH13SF	WFSES12SH17SF	
414mm 16"	WFSES16SH13SF	WFSES16SH17SF	

8" - 24" Standard Friction Stays are also available in Austenitic (SS 304), for part codes, please replace the 'SF' with 'SAU' e.g. WFSES08TH13SAU.

### Dimensions

Size (mm)	Nom Inch	Dim A	Dim B	Dim C	Dim D	Dim E	Dim F	Dim G
152mm	6" TH	36.8	-	130	15.6/30.6	-	-	153
210mm	8" TH	49.3	163.4	174.9	33	157.7	-	201.1
261mm	10" TH	45	89.9	188.4	33	182.4	-	254.3
311mm	12" TH	45	115	243.3	33	227.5	-	309
311mm	12" SH	43	118.5	244.2	33	215.9	309	-
414mm	16" TH	45	107	232.3	33	250.6	-	400.5
414mm	16" SH	45	139.5	264	33	310.5	407	-
516mm	20" TH	47.5	206.5	315.3	33	211.9	431.9	505.6
616mm	24" TH	47.5	263.7	369.9	33	220.3	470.1	610.7

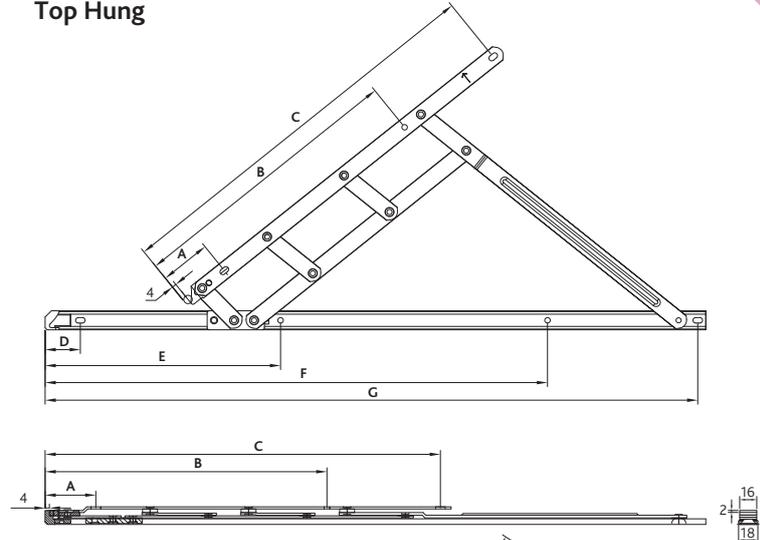
### Weights and Sash Sizes

Size (mm)	Nom Inch	Approx. Opening Angle	Max Width (mm)	Max Height (mm)	Max Sash Weight (kg)
<b>Top Hung</b>					
152mm	6"	60°	750mm	350mm	9kg
210mm	8"	64°	1200mm	350mm	11kg
262mm	10"	60°	1200mm	400mm	16kg
311mm	12"	66°	1200mm	550mm	19kg
414mm	16"	87°	1200mm	750mm	25kg
516mm	20"	43°	1200mm	1000mm	28kg
616mm	24"	39°	1200mm	1200mm	39kg
<b>Side Hung</b>					
311mm	12"	60°	600mm	1100mm	22kg
414mm	16"	87°	600mm	1250mm	28kg

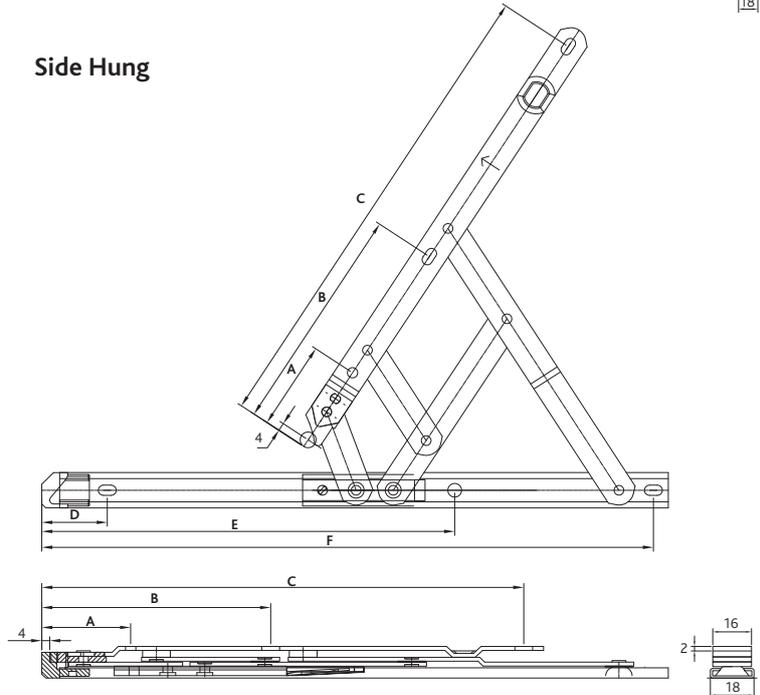
### Maintenance

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



### Side 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.

### Packaging

Size	Box Quantity	Box Weight (13mm)	Box Weight (16.5mm)
<b>Top Hung</b>			
6"	152mm	60	12.0kg
8"	210mm	50	14.2kg
10"	261mm	40	13.4kg
12"	311mm	30	12.1kg
16"	414mm	25	12.1kg
20"	516mm	20	12.8kg
24"	616mm	16	12.7kg
<b>Side Hung</b>			
12"	311mm	30	13.1kg
16"	414mm	25	13.4kg