Imperial Heavy Duty Friction Stay
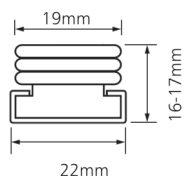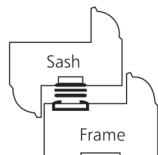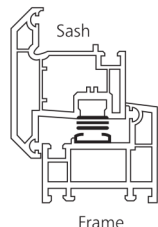
19mm

16-17mm

22mm

TIMBER

Sash

Frame

PVC-u

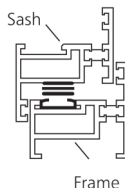Sash

Frame

ALUMINIUM

Sash

Frame

- Range of stainless steel friction stays for top hung and side hung applications
- Available in 10" to 22" for top hung and 10" & 16" for side hung
- 10" and 16" side hung open to around 90° for easy cleaning of windows
- Tested to conform to the AAMA 904-09 standard

Code	Application	Size	Angle	Max Weight	Max Height	Min Height
HDFTH10	Top Hung	10"	50°	37kg	635mm	267mm
HDFTH12	Top Hung	12"	50°	45kg	787mm	635mm
HDFTH16	Top Hung	16"	50°	55kg	1090mm	787mm
HDFTH22	Top Hung	22"	45°	75kg	1500mm	1090mm

Code	Application	Size	Angle	Max Weight	Max Width	Min Width
HDFSH10	Side Hung	10"	85°	38kg	660mm	300mm
HDFSH16	Side Hung	16"	90°	47kg	838mm	450mm

- For vents over 1000mm high we recommend heat the opening be restricted to a maximum of 200mm
- As with all of friction hinges, friction cannot be achieved until the slider moves, therefore when limiting the opening of vents to angle of 10° or less, a separate device will be required to prevent the window from closing.
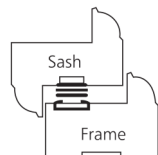
AAMA® American Architectural Manufacturers Association

904-09

19mm
16-17mm
22mm

TIMBER

Sash
Frame

PVC-u

Sash
Frame

ALUMINIUM

Sash
Frame

- 26" Heavy Duty stainless steel friction stays for top hung applications

- 20° opening angle and restrict to 15° for heavier application

- Tested to conform to the AAMA 904-09 standard
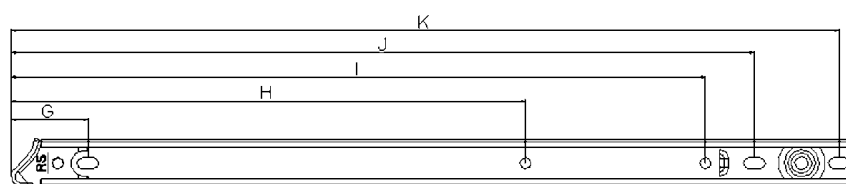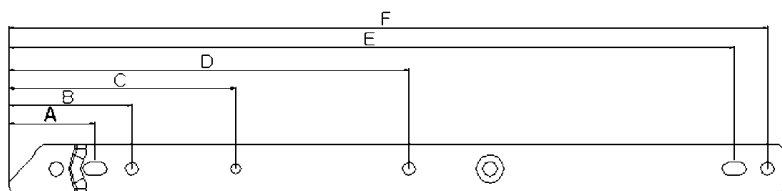
Hole Fixing Details

A	B	C	D	E	F	G	H	I	J	K
37.5	51.5	93.5	331.5	453	465.5	35.5	-	350	600	672

Code	Application	Size	Angle	Max Weight	Max Height	Min Height
HDFTH2620	Top Hung	26"	20°	100kg	2000mm	1270mm
HDFTH2615	Top Hung	26"	Restrict to 15°	150kg	2000mm	1270mm

- For vents over 1000mm high we recommend heat the opening be restricted to a maximum of 200mm
- As with all of friction hinges, friction cannot be achieved until the slider moves, therefore when limiting the opening of vents to angle of 10° or less, a separate device will be required to prevent the window from closing.

American Architectural Manufacturers Association
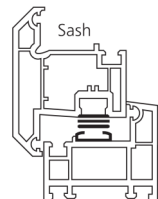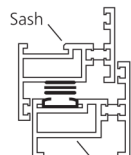
904-09

INNOVATION IN WINDOW & DOOR HARDWARES

- Range of stainless steel friction stays for top hung and side hung applications

- Available in both 13mm and 17mm stack heights to profiles

- 8", 10", 12", 16", 20" and 24" top hung

- 12" and 16" side hung

- Manufactured from high-grade SUS 304 Austenitic Stainless Steel for maximum strength and endurance even in high corrosive environments

- Conforms to internationally recognized quality standards

- Tested for endurance up to 20,000 cycles

Code	Application	Size	Angle	Max Weight	Max Height	Max Width
STHMK206	Top Hung	6"	50°	10kg	300mm	1000mm
STHMK208	Top Hung	8"	62°	12kg	300mm	1200mm
STHMK210	Top Hung	10"	56°	16kg	450mm	1200mm
STHMK212	Top Hung	12"	64°	21kg	600mm	1200mm
STHMK216	Top Hung	16"	51°	22kg	750mm	1200mm
STHMK220	Top Hung	20"	51°	24kg	900mm	1200mm
STHMK224	Top Hung	24"	42°	35kg	1500mm	1200mm
SSHMK212	Side Hung	12"	60°	20kg	1250mm	650mm
SSHMK216	Side Hung	16"	51°	24kg	1300mm	700mm

- For vents over 1000mm high we recommend fhat the opening be restricted to a maximum of 200mm
- As with all of friction hinges, friction cannot be achieved until the slider moves, therefore when limiting the opening of vents to angle of 10° or less, a separate device will be required to prevent the window from closing.
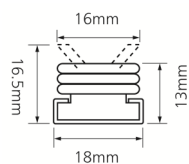
INNOVATION IN WINDOW & DOOR HARDWARES

BBA BRITISH BOARD OF AGRÉMENT
ASSESSMENT REPORT: 2044
ASSESSMENT OF IMPERIAL VARIABLE GEOMETRY FRICTION STAYS AND COCKSPUR HANDLES

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ASSESSMENT OF IMPERIAL VARIABLE GEOMETRY FRICTION STAYS AND COCKSPUR HANDLES

ConStyle™

16mm
16.5mm
13mm
18mm

TIMBER

Sash
Frame

PVC-u

Sash
Frame

ALUMINIUM

Sash
Frame

INNOVATION IN WINDOW & DOOR HARDWARES

- Extreme side hung friction stay that is able to support up to 30kg and 1300mm height

- 12" and 16" side hung

- Available in both 13mm and 17mm stack heights to profiles

- Manufactured from high-grade SUS 304 Austenitic Stainless Steel for maximum strength and endurance even in high corrosive environments

- Conforms to internationally recognized quality standards

- Tested for endurance up to 20,000 cycles

Code	Application	Size	Angle	Max Weight	Max Height	Max Width
SSHMK2HD12	Side Hung	12"	85°	25kg	1250mm	650mm
SSHMK2HD16	Side Hung	16"	85°	30kg	1300mm	700mm

- For vents over 1000mm high we recommend Exhat the opening be restricted to a maximum of 200mm
- As with all of friction hinges, friction cannot be achieved until the slider moves, therefore when limiting the opening of vents to angle of 10° or less, a separate device will be required to prevent the window from closing.
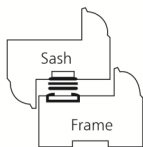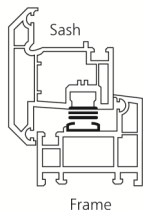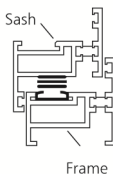
BBA BRITISH BOARD OF AGRÉMENT
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