

# Imperial Friction Stay

## Features and Benefits



- ☒ Range of stainless steel friction stays for top hung and side hung applications
- ☒ BBA Approved - BBA Assessment Report S2/45654.
- ☒ Available in both 13mm and 17mm stack height to suit most common casement profiles.
- ☒ Available in 8", 10", 12", 16", 20" and 24" Top hung.
- ☒ Side hung variations in 12" and 16".
- ☒ Fitted with Winlock Hinge Protector, Imperial stay exceeds the requirements of BS7950 - the simplest and surest way to meet the security standards.
- ☒ 10 year mechanical guarantee.
- ☒ BSEN ISO 9001/2015 Quality Management System.

### Technical Information

#### Material Specification

Stainless Steel Grade 430

#### Assessment Data

Performance: 30,000 cycle guarantee.  
240 Hours corrosion resistant.

#### Additional Information

Box Qty: 50 Pairs - 8" & 10", 25 Pairs - 12", 16", 20" & 24"

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

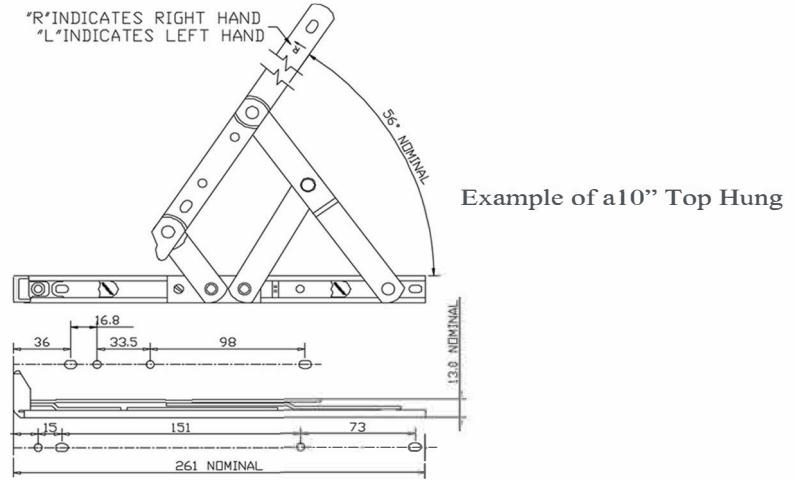
# WINLOCK

Unit B, Hortonwood 31, Telford, Shropshire, TF1 7GS  
Tel:01952 602250 Fax:01952 602255.

Email:sales@winlock.co.uk Web:www.winlock.co.uk

## Technical Drawing

Size	150mm(6")	200mm(8")	250mm(10")	300mm(12")	400mm(16")	500mm(20")	600mm(24")
Vent Type	Top Hung	Top Hung	Top Hung	Top Hung	Top Hung	Top Hung	Top Hung
Max Vent Width	1000mm	1200mm	1200mm	1200mm	1200mm	1200mm	1200mm
Max Vent Height	300mm	300mm	450mm	600mm	750mm	900mm	1500mm
Max Vent Weight	10kg	12kg	16kg	21kg	22kg	24kg	35kg
Opening Angle	50°	62°	56°	64°	51°	51°	42°
Bulk Packed	50 Pairs	50 Pairs	50 Pairs	25 Pairs	25 Pairs	25 Pairs	25 Pairs



Size	300mm(12")	400mm(16")	300mm(12")	400mm(16")
Vent Type	Side Hung	Side Hung	Side Hung HD	Side Hung HD
Max Vent Width	650mm	700mm	650mm	700mm
Max Vent Height	1250mm	1300mm	1250mm	1300mm
Max Vent Weight	20kg	24kg	25kg	30kg
Opening Angle	60°	51°	85°	85°
Bulk Packed	25 Pairs	25 Pairs	25 Pairs	25 Pairs

## Part Numbers

Part No.	Description	Finish
FS-13TH8	Imperial Friction Stay Top Hung 8" - 13mm Stack	Stainless Steel (430)
FS-13TH10	Imperial Friction Stay Top Hung 10" - 13mm Stack	Stainless Steel (430)
FS-13TH12	Imperial Friction Stay Top Hung 12" - 13mm Stack	Stainless Steel (430)
FS-13TH16	Imperial Friction Stay Top Hung 16" - 13mm Stack	Stainless Steel (430)
FS-13TH20	Imperial Friction Stay Top Hung 20" - 13mm Stack	Stainless Steel (430)
FS-13TH24	Imperial Friction Stay Top Hung 24" - 13mm Stack	Stainless Steel (430)
FS-17TH8	Imperial Friction Stay Top Hung 8" - 17mm Stack	Stainless Steel (430)
FS-17TH10	Imperial Friction Stay Top Hung 10" - 17mm Stack	Stainless Steel (430)
FS-17TH12	Imperial Friction Stay Top Hung 12" - 17mm Stack	Stainless Steel (430)
FS-17TH16	Imperial Friction Stay Top Hung 16" - 17mm Stack	Stainless Steel (430)
FS-17TH20	Imperial Friction Stay Top Hung 20" - 17mm Stack	Stainless Steel (430)
FS-17TH24	Imperial Friction Stay Top Hung 24" - 17mm Stack	Stainless Steel (430)
FS-13SH12	Imperial Friction Stay Side Hung, 12" - 13mm Stack	Stainless Steel (430)
FS-13SH16	Imperial Friction Stay Side Hung, 16" - 13mm Stack	Stainless Steel (430)
FS-13SH12	Imperial Friction Stay Side Hung, 12" - 17mm Stack	Stainless Steel (430)
FS-13SH16	Imperial Friction Stay Side Hung, 16" - 17mm Stack	Stainless Steel (430)

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