

# NiCo

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**Secured by Design**



**Police Preferred Specification**

**MADE IN BRITAIN**

**SBD Approved Product  
with Nico Xtra-Bolts**

**Meets PAS024:2016  
as a critical component**

**Complies with  
BS EN 14351-1:2006  
BS 6375-2:2009  
BS9991:2015  
BS8213-1:2004**

**45kg Weight carrying  
capacity**

**ISO 9001:2015  
Manufacturer**

# ATLAS QUAD

## multi-function window stay

**egress, easy-clean, restrictor, heavy duty**



**RESTRICTED**



**EGRESS**



**EASY CLEAN**

The Nico Quad Stay offers four solutions to everyday window requirements. It provides egress, easy-clean and restrictor functions on a heavy duty side hung friction hinge.

The Restrictor is a simple, effective way of limiting the initial window opening to 100mm in compliance with BS 8213-1:2004 "Code of Practice for Safety in Use and Cleaning". Windows incorporating the Nico Quad Stay have been tested to and met the requirements of BS EN 14351-1:2006 'Load Bearing Capacity of Safety Devices' and BS 6375-2:2009 'Performance of Windows and Doors'.

The egress position is achieved following the release of the restrictor. The easy-clean facility is available with the push of a button - in compliance with Building Reg Part B, BS 9991:2015 and BS 8213-1:2004 (Easy Clean).

The Atlas 14" Egress Easy Clean Friction Hinge has the same geometry and is compatible with the 14" Atlas Quad Restricted Hinge.



**For sales, call 01255 422333 or email [sales@nico.co.uk](mailto:sales@nico.co.uk)**

## Fitting Instructions

Nico Friction Hinges are designed to make fitting as simple as possible. There are slotted fixing holes in the base channel and sash bar, with final fixing holes in each component. This configuration allows a maximum of sash to frame adjustment during fitting and window installation.

Friction Hinge mounting faces must be flat, parallel and provide the correct cavity clearance, 14mm or 17mm (-0mm+1mm).

Friction Hinges should be fitted with the end-cap abutting the corner of the window frame.

The centre line of both vent and frame arm should be coincidental and parallel.

Size and weight parameters are to be strictly observed – please refer to Nico for other applications.

After installation, the friction screw should be adjusted to obtain the desired resistance.

All window hardware will require regular inspection, cleaning and maintenance in order to operate in the manner for which they have been designed.



ISO 9001 Cert No: Q 09355

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# QUAD multi-function stay

## Technical Data

The Nico Quad Stay is robustly built with stainless steel construction.

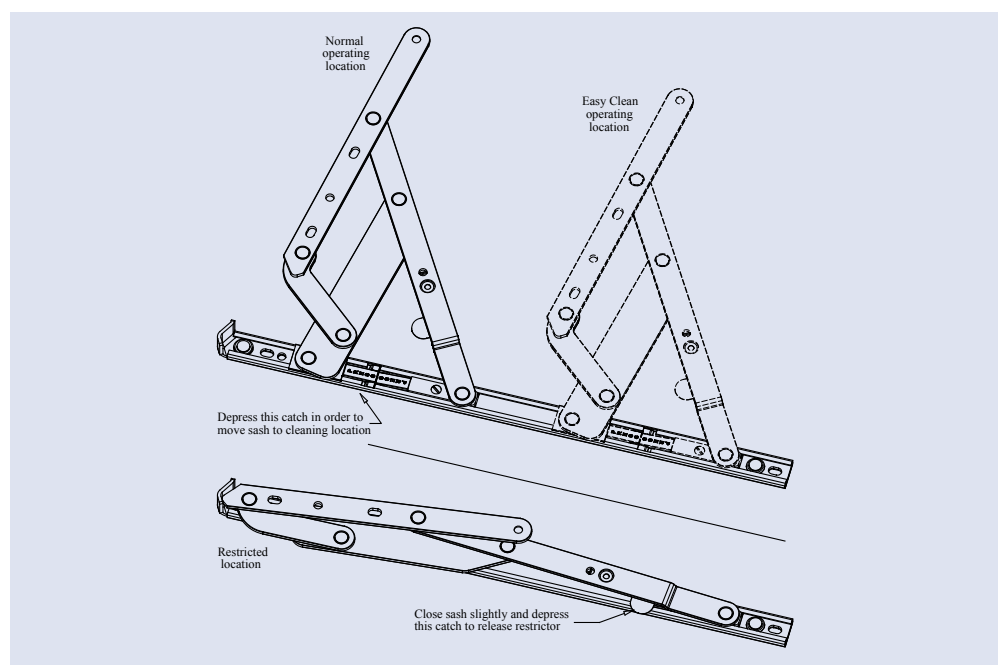
With 4.8mm counter bore rivet assembly, all metal end caps and a stainless steel reinforcing plate, the Atlas hinge carries a significantly greater weight than a standard hinge.

All hinges are fabricator-friendly, have a high strength glass reinforced nylon slide and an adjustable brass friction screw.

The asymmetric geometry produces an especially smooth opening and closing action.

Quad Stays have additional fixing holes to provide increased stability and easy clean hinges comply with BS8213-1:2004 to provide a 95mm cleaning gap.

The hinges have been endurance tested in the Nico Test Centre with their maximum load carrying capacity for over 30,000 cycles.



## QUAD Multi-function Window Stay

Size	350mm (14")		
Vent Type	Side Hung		
Vent Style	Egress Easy-Clean Restrictor		
Max Vent Width	750mm		
Max Vent Weight	45kg		
Opening Angle	12° Restricted/80° Open		
Box Quantity	25 Singles		
<b>14mm Range</b>			
STANDARD Order No. LH	8470L		
STANDARD Order No. RH	8470R		
<b>17mm Range</b>			
STANDARD Order No. LH	8471L		
STANDARD Order No. RH	8471R		

**PLEASE NOTE:** The opening angle is designed to give an initial restricted opening of 100mm with a 750mm wide sash. However, this is dependent upon the window profile and it is the customer's responsibility to ensure that their windows comply with Building Regulations.

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