



restrictor friction hinge

The Nico Restrictor Hinge is a simple, effective way to restrict initial window opening to 100mm to comply with BS8213-1: 2004 'Code of Practice for Safety in Use and in Cleaning'.



The unobtrusive mechanism, which is integral to the hinge and designed to be less tempting to children, requires a level of strength and dexterity to operate and two hands are required to coordinate opening, giving added protection. An automatic reset facility ensures safe operation at all times.

Windows incorporating the Hinge have been tested to meet the requirements of BS EN 14351-1:2006 'Load bearing capacity of safety devices'.

with built-in safety restrictor



ABOVE: The Nico Restrictor Friction Hinge features an automatic reset facility mechanism to ensure safe operation at all times.

UK manufacture

Designed to prevent accidental operation

Complies with BS EN 14351-1:2006 and BS8213-1: 2004

Unique design increases strength and performance

Opening angles allow easy use and safe cleaning

BBA approved

Technical Data

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, 13mm 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 arms 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.

Specifications involving 500mm and 600mm products may require two Restrictor Hinges per window dependent upon application.

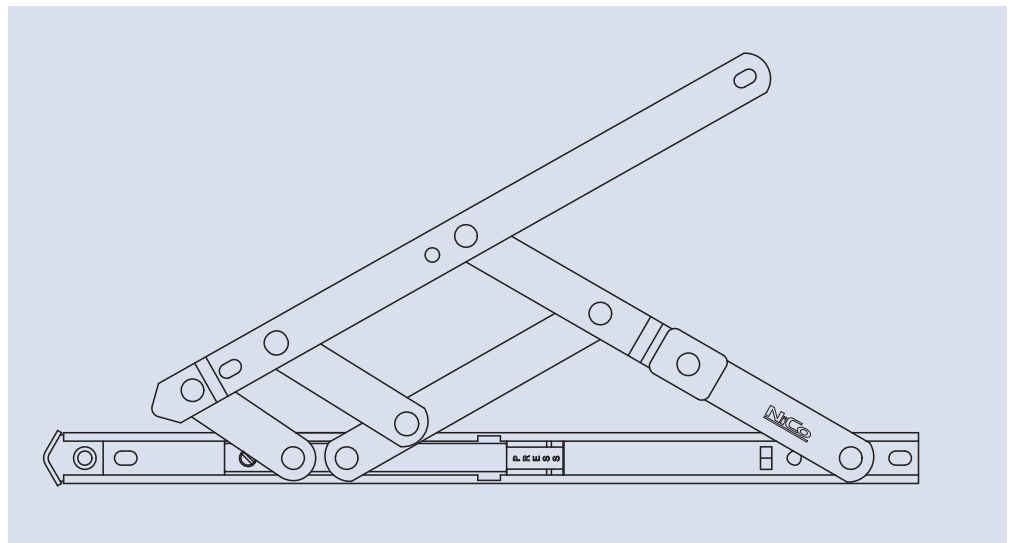
For guidance please refer to Nico. Window labels providing operating instructions can be supplied.

Manufactured from stainless steel with excellent load bearing characteristics, the Nico Restrictor Hinge requires coordinated two-handed operation to achieve the full ventilation position.

Suitable for PVC-u, timber or aluminium windows, the Restrictor Hinge comes in a range of sizes, from 300mm to 600mm, in 13mm and 17mm stack heights.

Slotted fixing holes in base channel provide maximum sash/frame adjustment.

For fabricator convenience, the Restrictor Hinge has identical geometry to the rest of the Nico range of Friction Hinges, allowing it to be fitted in conjunction with the standard or heavy duty Nico Friction Hinges.



Alternative Restrictor Techniques

Nico offers two alternative ways to provide window restriction to meet relevant British Standards and Building Regulations. Each can be used with the full range of Nico Friction Hinges:

RESTRICTOR ARM – prevents uncontrolled opening of windows and French Doors and risk of slamming and swinging.

RESTRICTOR SAFETY CATCH – limits window opening to 100mm.

Restrictor Hinge

Size	300mm (12")	400mm (16")	500mm (20")	600 (24")
Vent Type	Side Hung & Top Hung	Side Hung	Top Hung	Top Hung
Max Vent Width	600mm	700mm	1000mm	1200mm
Max Vent Height	1300mm	1300mm	1000mm	1200mm
Max Vent Weight	22kg	24kg	24kg	35kg
Opening Angle	60°	60°	52°	38°
13mm RANGE				
Bulk Packed	50	50	25	25
Order No.	7935	7940	7950	7960
17mm RANGE				
Bulk Packed	50	50	25	25
Order No.LH	8335L	8340L	8350L	8360L
Order No.RH	8335R	8340R	8350R	8360R



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