NiCo

www.nico.co.uk

heavy duty friction hinge

for demanding window applications

The Nico Heavy Duty Friction Hinge range has been developed to meet the increasing demand for larger and heavier windows, potentially with triple glazing or acoustic glass.

ABOVE: With the Nico Egress Easy Clean Variant Hinge, cleaning the outside of windows is much safer and easier, with no awkward catches or buttons.

The range includes top hung and side hung models, designed to accommodate sash weights of up to 60kg for top hung windows and 45kg for side hung windows.

Nico Heavy Duty Friction Hinges offer a cost-effective alternative to tilt and turn or commercial hinges. When used with Nico X-tra Bolts they have been successfully tested as a critical component within PAS024:2016.

The Hinges comply with Building Regulations Part B (Egress variant), BS9991:2015 (Egress variant) and BS8213-1:2004 (Easy Clean variant). They have also been endurance tested in the Nico Test Centre with their maximum load carrying capacity over 30,000 cycles.

Secured by Design

SBD

Official Police Security Initiative

MADE IN BRITAIN

SBD Member Company

Maximum sash weight of 60kg

Extra sash fixing holes

Choice of 14mm and 17mm stack heights

Available with Egress Easy Clean option

Complies with BS9991:2015 and BS8213-1:2004

ISO 9001:2015 Manufacturer

For sales, call 01255 422333 or email sales@nico.co.uk

heavy duty friction hinge

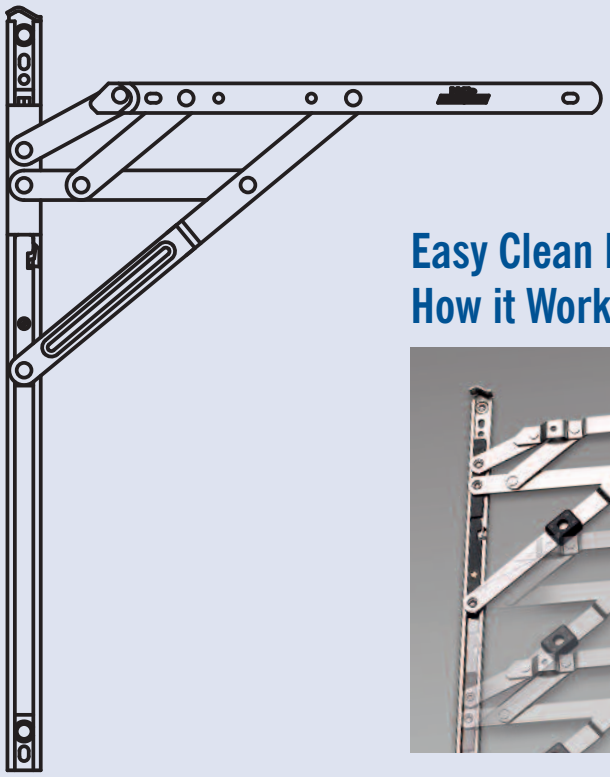
Technical Data

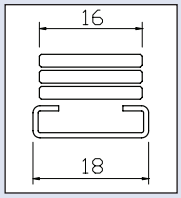
The Nico Heavy Duty Friction Hinge is robustly built with all-stainless steel construction.

Available in 14mm and 17mm stack heights to suit most profiles (including Eurogroove) and suitable for PVCu, timber and aluminium frames, the Hinge can accommodate heavier sash weights.

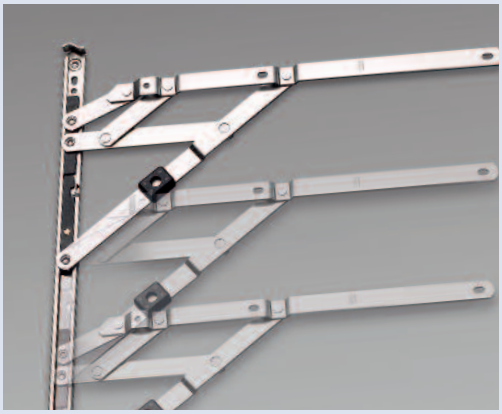
Side Hung and Easy Clean options offer a maximum sash size of 1000 x 1500mm and sash weight of 45kg. The Top Hung option offers a maximum sash size of 1000 x 1400mm and sash weight of 60kg. Additional fixing holes in the hinge provide maximum stability and sash/frame adjustment.

All Nico Heavy Duty Hinges comply with BS8213, with a 95mm cleaning gap.





Easy Clean Hinge How it Works



Heavy Duty Friction Hinge

Size	300mm (12")	400mm (16")	400mm (16")	400mm (16")	400mm (16)*	600mm (24")*
Vent Type	Side Hung	Side Hung	Side Hung	Side Hung	Top Hung	Top Hung
Vent Style	Egress - Easy Clean HD	Egress - Easy Clean HD	Egress - Non Clean HD	Standard - HD	Standard - HD	Standard - HD
Max Vent Height	---	---	---	---	1000mm	1500mm
Max Vent Width	700mm	800mm	1000mm	900mm	---	---
Max Vent Weight	30kg	35kg	45kg	35kg	45kg	60kg
Opening Angle	80˚	90˚	30/70˚	50˚	50˚	38˚
14mm RANGE						
Order No. LH	8534LHD	8547LHD	8640LHD	7740LHD	7740LHD	7760LHD
Order No. RH	8534RHD	8547RHD	8640RHD	7740RHD	7740RHD	7760RHD
17mm RANGE						
Order No. LH	8536LHD	8557LHD	---	8240LHD	8240LHD	8260LHD
Order No. RH	8536RHD	8557RHD	---	8240RHD	8240RHD	8260RHD

*** For these sizes, locking wedges must be used.**

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 18mm (-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.

Secured by Design
Official Police Security Initiative
A SBD Member Company

ISO 9001 Cert No: Q 09355

Nico Manufacturing Ltd
Oxford Road, Clacton-on-Sea
Essex CO15 3TJ, England.
Tel: 01255 422333
Fax: 01255 432909
E-mail: sales@nico.co.uk
Web: www.nico.co.uk

For sales, call 01255 422333 or email sales@nico.co.uk