

heavy duty friction hinge



The Nico LoadPro Heavy Duty Friction Hinge range has been developed to meet the increasing demand for windows with acoustic glass and the trend towards larger heavier sashes.

The range includes top hung and side hung models, accommodating sash weights of up to 60kg for top hung windows and 35kg for side hung windows.

LoadPro Hinges offer a cost-effective alternative to tilt and turn gear or commercial hinges.

for demanding window applications

Additional fixing holes provide maximum stability and enable easy adjustment.

UK manufacture

Maximum sash weight of 60kg

Fits standard 16/18mm Eurogroove

Extra sash fixing holes

Choice of 14mm and 18mm stack heights

Available with Easy Clean Egress option

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, 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.

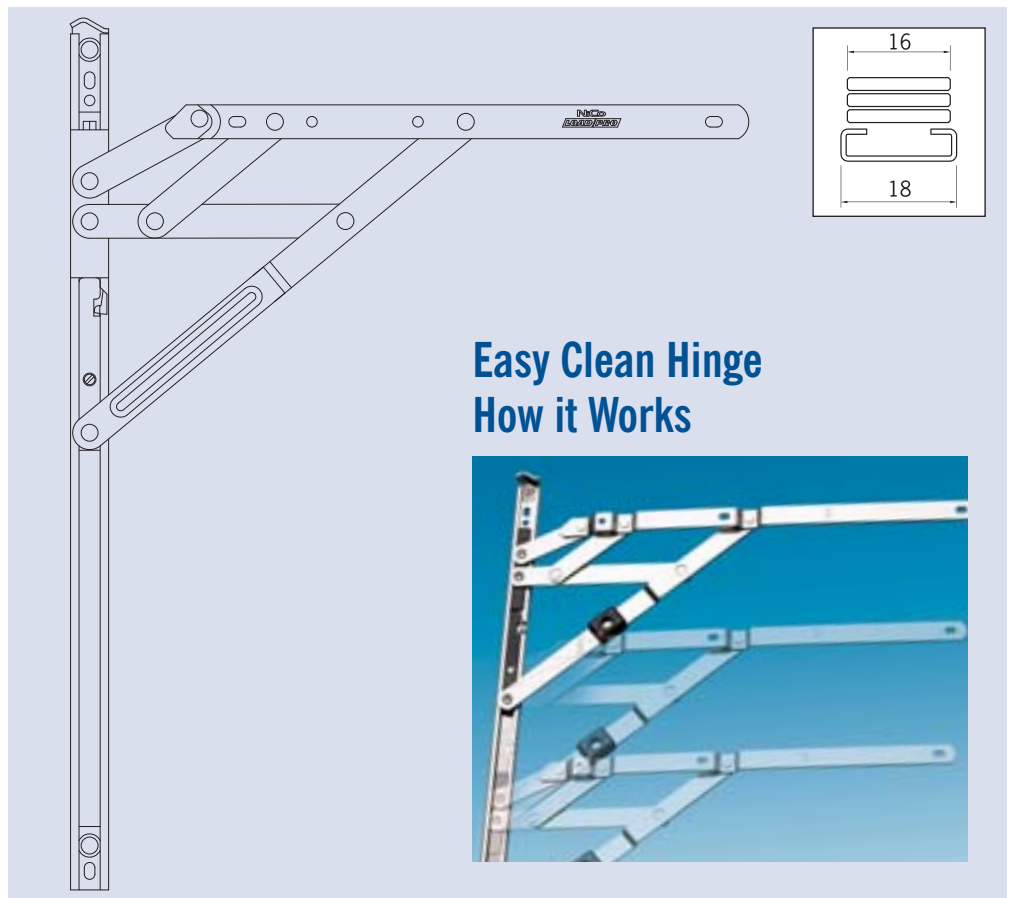
All window hardware will require regular inspection, cleaning and maintenance in order to operate in the manner for which they have been designed.

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

Available in 14mm and 18mm stack heights to suit most profiles (including Eurogroove) and suitable for PVC-u, timber and aluminium frames, the LoadPro Hinge can accommodate heavier sash weights. Side Hung and Easy Clean options offer a maximum sash size of 900mm x 1250mm

and sash weight of 35kg. The Top Hung option offers a maximum sash size of 1000mm x 1400mm and sash weight of 60kg. Additional fixing holes in the hinge provide maximum stability and sash/frame adjustment.

All LoadPro Heavy Duty Hinges comply with BS 8213 standard, ensuring a minimum 95mm cleaning gap.



Easy Clean Hinge How it Works



ISO 9001 Cert No: Q 09355

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LoadPro Heavy Duty Friction Hinge

Size	400mm (16")	400mm (16")	400mm (16")	600mm (24")
Vent Type	Side Hung	Side Hung	Top Hung	Top Hung
Vent Style	Egress - H/D	Standard - H/D	Standard - H/D	Standard - H/D
Max Vent Width	800mm	900mm	1200mm	1400mm
Max Vent Height	1250mm	1250mm	1000mm	1000mm
Max Vent Weight	35kg	35kg	45kg	60kg
Opening Angle	90°	50°	50°	38°
14mm RANGE				
Order No. LH	8547LHD	7740LHD	7740LHD	7760LHD
Order No. RH	8547RHD	7740RHD	7740RHD	7760RHD
18mm RANGE				
Order No. LH	8557LHD	8240LHD	8240LHD	8260LHD
Order No. RH	8557RHD	8240RHD	8240RHD	8260RHD