

# NiCo

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# ICON



## 2d adjustable door hinge

### designed for composite doors



The Nico ICON 2D Adjustable Door Hinge has been specifically developed for modern composite door systems.

Designed and manufactured in the UK, the ICON Hinge features a knuckle that perfectly complements contemporary doors, while the 2D adjustment makes fitting and fine tuning quick and easy.

With its unobtrusive design, smooth operation, excellent weight carrying strength and everything else needed for trouble-free long life performance, the Icon Hinge is the ideal choice.

Nico has continuously manufactured door hinges in the UK for over 80 years, and passionately strives to produce products that meet and exceed customer needs.



ABOVE: Icon Hinge showing separate injection-moulded spacer plate.



**Secured by Design**



Official Police Security Initiative

**MADE IN BRITAIN**

**SBD Member Company**

**Meets PAS024 as a critical component**

**2 way adjustment**

**100kg load capability**

**Choice of decorative finishes**

**ISO 9001:2015  
Manufacturer**

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

## Adjustment Guide

The ICON Hinge is supplied in neutral adjustment position. It can be adjusted up, down, left or right by 2.5mm.

### Vertical Adjustment

1. Support weight of door.
2. Slacken centre screws with 3mm allen key on each hinge.
3. Lift or lower hinge to desired position.
4. Tighten centre screws with allen key on each hinge.

### Side to Side Adjustment

1. To increase the gap between door and frame, slacken pozi-drive screws either side of allen screw slightly and then tighten allen screw.
2. To decrease the gap between door and frame, reverse process ie. slacken allen key slightly and tighten pozi-drive screws.

NOTE. Side to side adjustment is generally carried out on one hinge at a time.

## Maintenance

Hinges are supplied in a pre-lubricated condition and require no lubrication on fitting.

We recommend that the hinge is lubricated periodically (annually) with a few drops of light machine oil, such as 3 in 1, to optimise the performance of the hinge.

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ISO 9001 Cert No: Q 09355

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# ICON adjustable door hinge

## Technical Data

The Nico ICON Door Hinge is robustly constructed from 3mm steel and has incredible high performance features:

100,000 Opening and closing cycles to BS EN 1191. (3 hinges).

100kg Weight carrying capability. (3 hinges).

480 hours Salt spray testing to BS EN 1670 (powder-coated finishes).

200kg Deformation testing to BS EN 1935 criteria.

300kg Overload testing.

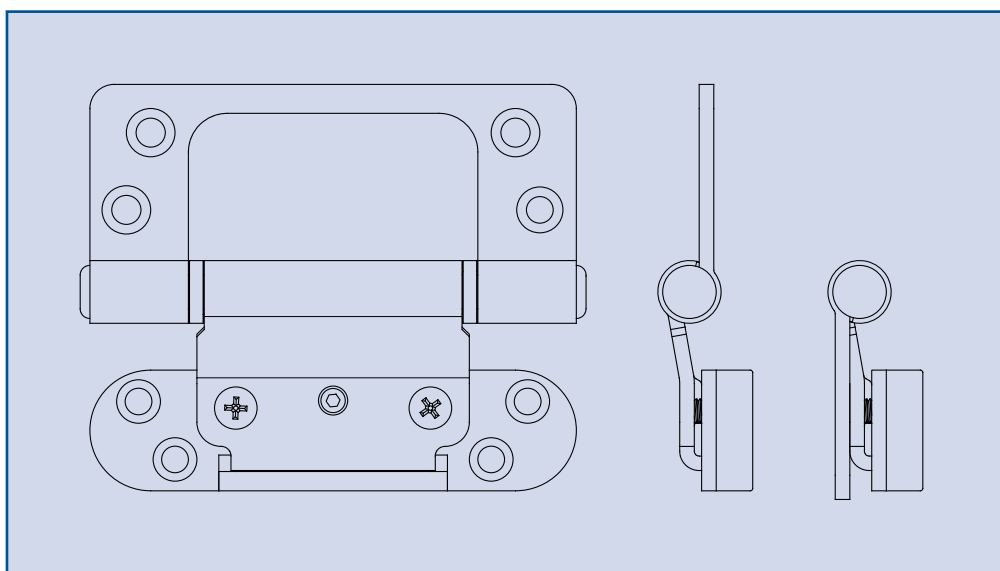
5000N Shear testing.

In addition to these impressive features, the Icon Hinge offers:

5mm Vertical Adjustment (+/- 2.5mm)

5mm Horizontal Adjustment (+/- 2.5mm)

Integral security grub screw for opening outwards.



## ICON 2D Adjustable Door Hinge

### 4960 2D Adjustable Door Hinge

Product Code	Size	Finish	Box Quantity
4961BR	100 x 84 x 10.5mm/3mm	Brown	40
4961CAR	100 x 84 x 10.5mm/3mm	Caramel	40
4961WH	100 x 84 x 10.5mm/3mm	White	40

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