

NiCo

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INTER



2d adjustable hinge

for 35, 40 and 44mm internal doors

The Nico INTER 2D adjustable door hinge is the ideal solution for fast and precise fitting of internal doors - both in the factory and on site.

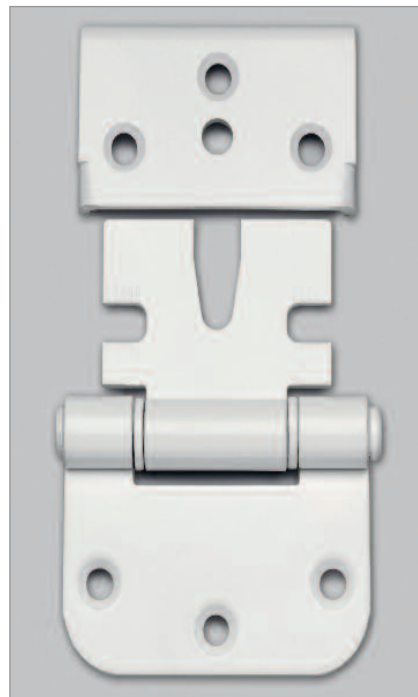
The common hinge body can be used on all door frames and there is a choice of 3 door plates for 35mm, 40mm or 44mm door thicknesses.

Designed and manufactured in the UK the hinge features a discrete knuckle and integral 2D adjustment which makes fitting and fine tuning quick and easy. 3D adjustment is available via additional shims or use of a cranking bar.

Maximum Door Weight – 60kg

**Vertical Adjustment
– 5mm (+/- 2.5mm)**

**Compression Adjustment
– 2mm (+/- 1mm)**



ABOVE: The Nico INTER 2D Adjustable Door Hinge showing fixing plate.

Secured by Design



Official Police Security Initiative

MADE IN BRITAIN

SBD Member Company

60kg load capability

2 way adjustment

Choice of finishes

**ISO 9001:2015
Manufacturer**



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

INTER 2d door hinge

Technical Data

The Nico INTER 2D Adjustable Door Hinge is robustly constructed from 3mm steel and has been endurance tested in the Nico Test

Centre with a maximum load for over 200,000 cycles.

Fitting Instructions



Figure 1.



Figure 2.

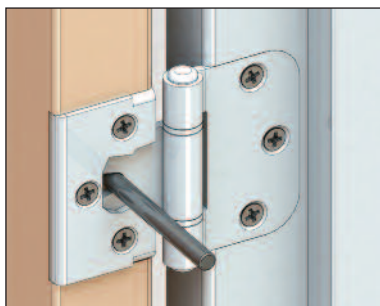


Figure 3.

Machining Instructions

Figure 1. For 3mm gap between door and frame.

FRAME: Machine a 65mm long x 33mm wide and 3mm deep rebate for the hinge, with a 12mm radius in the corners.

DOOR: Machine a 60mm long x 4mm deep rebate across the full edge of the door (eg. 35mm). The centre of the rebate must align with the centre of the frame rebate.

Fitting During Manufacture

Figure 2.

Attach the hinge to the frame using 3 suitable screws. Attach the door plate to the door using the centre screw only.

On site Assembly

Figure 3.

HINGE: Insert a 6mm bar through the hole in the door plate. This bar acts as an alignment tool and sets the hinge in its neutral position - allowing both vertical and compression adjustment.

DOOR: Slide the door onto the hinges until it meets the 6mm bar. Insert the remaining 2 fixing screws through the door plate and tighten (as Figure 2). Remove the 6mm bar and check door operation.



A SBD Member Company



ISO 9001 Cert No: Q 09355

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INTER 2D Adjustable Hinge

Description	WHITE	NICKEL	Box Quantity
INTER Hinge	4972WH	4972NP	40
INTER Plate 35mm	49735WH	49735NP	40
INTER Plate 40mm	49740WH	49740NP	40
INTER Plate 44mm	49744WH	49744NP	40

INTER Hinges are available in White and Nickel with additional finishes available on request. Subject to minimum order quantities.

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