



Heavy Duty Concealed Cabinet Door Hinge Inset – Unsprung – Black Nickel

Variant code: ACH09505B

A concealed hinge for larger doors with a significantly increased load bearing capacity. 93°Opening/Inset

Doors up to 800mm wide and weighing up to 25kgs need just two hinges, doors up to 900mm wide and weighing up to 40kgs need just three hinges.

Requires a 40mm cut hole for the boss.

Features:

- 3 Way Adjustment function by mounting plate (depth + 1.5mm / -2.5mm, vertical +/- 3.0mm, horizontal (overlay) + 0mm / -4.0mm.
- Snap on Mounting.
- Mounting plate sold separately.

5 hinges have been tested on a door 750mm wide x 2400mm tall, 30mm thick, weighing 68.5kg. For reference this is equivalent to a door 970mm wide, weighing 53kg.

Please note: We still do not recommend using more than 3 hinges on a door, and the use of 3 hinges on a door up to 40kg is the maximum we will warranty against. However the hinges have passed successfully on the larger door size as attached, so in reality there should be no problem using them in this manner. But we would strongly advise they are tested on a case by case basis when using on a door of this size.

Large doors can benefit from our fully concealed door straighteners – find out more about these products [here](#).

Available as sprung or unsprung hinges, in nickel or black nickel finish.

| Property | Value |
|-------------------|--------------|
| Finish | Black Nickel |
| Opening angle (°) | 93 |

| Property | Value |
|---------------------------------|-------|
| Min Door Thickness (mm) | 18 |
| Max Door Thickness (mm) | 30 |
| Min Glass Thickness (mm) | 8 |
| Max Glass Thickness (mm) | 10 |
| Max Glass Width (mm) | 800 |
| Max Door Weight (kg) – 2 Hinges | 25 |
| Max Door Weight (kg) – 3 Hinges | 40 |
| Max Glass Height (mm) | 2000 |

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