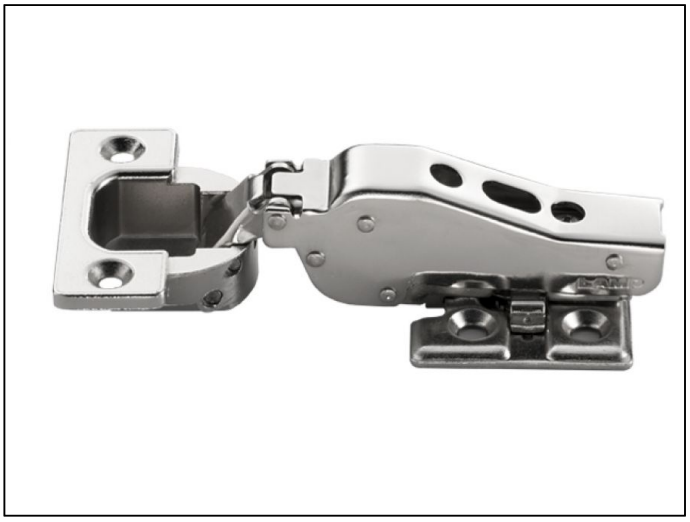
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Sugatsune Heavy Duty Concealed Cabinet Door Hinge - Half Overlay Unsprung with Mounting Plate - Nickel

Variant code: ACH09305.MP

Sugatsune Heavy Duty Concealed Cabinet Door Hinge - Half Overlay Unsprung - Nickel is engineered to provide robust and reliable performance in cabinetry requiring controlled, non self-closing door movement. Manufactured by **Sugatsune**, a globally recognised specialist in precision architectural and furniture hardware, this hinge is designed for durability, precision alignment and long-term use in demanding residential and commercial environments.

Designed for **half overlay cabinet door applications**, this hinge allows two doors to share a central cabinet panel, supporting efficient cabinet layouts while maintaining consistent reveals and alignment. The concealed hinge design ensures that all mechanical components remain hidden when the door is closed, delivering a clean and professional cabinet appearance.

The **unsprung mechanism** allows the door to move freely without automatic self-closing action, making it suitable for applications where controlled positioning is required or where additional closing systems are used. This provides flexibility in design and functionality, particularly in bespoke furniture or specialist cabinetry.

Manufactured from steel with a **durable nickel-plated finish**, the hinge offers a clean, neutral appearance suitable for a wide range of cabinet styles. The robust construction supports heavier doors while maintaining consistent performance over time. Three-dimensional adjustment enables precise vertical, lateral and depth positioning to achieve accurate alignment and even door gaps.

Product Features

- **Heavy duty concealed cabinet hinge**
- **Half overlay door configuration**
- **Unsprung mechanism** for free door movement
- **Concealed hinge design** for clean cabinet aesthetics
- **Nickel-plated steel finish**

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- **Three-dimensional adjustment** for precise alignment

Product Benefits

- Allows controlled or free-swinging door operation
- Supports efficient cabinet layouts using shared panels
- Provides clean, uninterrupted cabinet lines
- Ensures stable support for heavier cabinet doors
- Enables precise and consistent door alignment
- Suitable for residential and commercial cabinetry

Technical Characteristics

- Concealed hinge construction
- Designed for half overlay cabinet door applications
- Unsprung (non self-closing) hinge operation
- Nickel-plated steel construction
- Three-way adjustment: vertical, lateral and depth
- Compatible with concealed hinge mounting systems

Applications

This hinge is intended for use in half overlay cabinet door installations across kitchens, wardrobes, office furniture and commercial joinery. It is particularly suitable where non self-closing operation is required, such as in applications using external soft-close systems or where doors must remain in position. The heavy-duty construction ensures reliable support for larger or heavier doors, while the concealed design maintains a clean and professional finish.

Property	Value
Finish	Nickel
Opening angle (°)	95
Application	Half Overlay
Boss	Screw-on
Closing Mechanism	Unsprung

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Property	Value
Boss Drilling Depth (mm)	16
Min Door Thickness (mm)	18
Max Door Thickness (mm)	30
Max Door Weight (kg) - 2 Hinges	25
Max Door Weight (kg) - 3 Hinges	40
Hinge Type	Heavy Duty