SWS HARDWARE

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Sugatsune Heavy Duty Concealed Cabinet Door Hinge - Half Overlay Sprung - Nickel

Variant code: ACH09307

Sugatsune Heavy Duty Concealed Cabinet Door Hinge - Half Overlay Sprung - Nickel is engineered to deliver reliable and consistent self-closing performance in cabinetry requiring durable and precise hinge operation. Manufactured by **Sugatsune**, a globally recognised specialist in precision architectural and furniture hardware, this hinge combines robust construction with smooth functionality, making it suitable for both residential and commercial applications.

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 gaps and alignment. The concealed hinge design ensures that all mechanical components remain hidden when the door is closed, contributing to a clean and professional cabinet appearance.

The integrated **sprung mechanism** provides automatic self-closing action, ensuring controlled and dependable door movement without the need for additional closing components. This enhances everyday usability while maintaining consistent performance over time, particularly in frequently used cabinetry.

Manufactured from steel with a **durable nickel-plated finish**, the hinge offers a clean, neutral appearance suitable for a wide range of cabinetry styles. Its heavy-duty construction supports reliable operation for larger or heavier doors, while **three-dimensional adjustment** enables precise vertical, lateral and depth positioning for accurate alignment and consistent reveals.

Product Features

- **Heavy duty concealed cabinet hinge**
- **Half overlay door configuration**
- **Integrated sprung mechanism** for self-closing action
- **Concealed hinge design** for clean cabinet aesthetics
- **Nickel-plated steel finish**

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

Product Benefits

- Provides reliable and consistent self-closing performance
- Supports efficient cabinet layouts using shared panels
- Enhances cabinet appearance with concealed hardware
- Ensures stable and durable hinge operation
- Allows precise door alignment and even gaps
- Suitable for residential and commercial cabinetry

Technical Characteristics

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

Applications

This hinge is used in half overlay cabinet door installations across kitchens, wardrobes, office furniture and commercial joinery where reliable self-closing performance is required. The integrated sprung mechanism ensures controlled closing action, while the concealed design maintains a clean and modern cabinet appearance. Its heavy-duty construction makes it suitable for applications involving frequent use or heavier cabinet doors requiring consistent and durable performance.

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

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