SWS HARDWARE

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

Variant code: ACH09307B

Sugatsune Heavy Duty Concealed Cabinet Door Hinge - Half Overlay Sprung - Black Nickel is engineered to deliver reliable and controlled self-closing performance in cabinetry requiring durable, high-quality hinge operation. Manufactured by **Sugatsune**, a globally recognised specialist in precision architectural and furniture hardware, this hinge combines robust construction with a contemporary finish, making it suitable for both functional and design-led applications.

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

The integrated **sprung mechanism** provides automatic self-closing action, ensuring smooth and dependable door movement without the need for additional closing devices. This improves everyday usability and supports consistent performance, particularly in frequently used cabinetry.

Finished in a **Black Nickel coating**, the hinge offers a modern aesthetic ideal for contemporary cabinetry and coordinated dark hardware schemes. Its heavy-duty construction supports reliable performance for larger or heavier doors, while **three-dimensional adjustment** enables precise vertical, lateral and depth positioning for accurate alignment and consistent door gaps.

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

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- **Black Nickel finish** for modern interiors
- **Three-dimensional adjustment** for precise alignment

Product Benefits

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

Technical Characteristics

- Concealed hinge construction
- Designed for half overlay cabinet door applications
- Sprung (self-closing) hinge mechanism
- Black Nickel surface finish
- 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 and a modern aesthetic are required. The sprung mechanism ensures consistent closing action, while the concealed design maintains a clean and professional finish. The Black Nickel finish makes it particularly suitable for contemporary interiors and coordinated dark hardware schemes.

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

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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