SWS HARDWARE

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

Variant code: ACH09305B

Sugatsune Heavy Duty Concealed Cabinet Door Hinge - Half Overlay Unsprung - Black Nickel is engineered to provide durable and precise hinge performance in cabinetry where controlled, non self-closing door movement is required. Manufactured by **Sugatsune**, a globally recognised specialist in precision architectural and furniture hardware, this hinge combines robust construction with a refined finish, making it suitable for both functional and design-focused 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 reveals. The concealed hinge design ensures that all working 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 installations where controlled positioning is required or where external closing systems are used. This provides flexibility in application, particularly in bespoke furniture or specialist cabinetry.

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

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

Product Benefits

- Allows controlled or free-swinging door operation
- Supports efficient cabinet layouts using shared panels
- Enhances cabinet appearance with concealed hardware
- Provides stable support for heavier cabinet doors
- Enables accurate alignment and consistent reveals
- Suitable for residential and commercial cabinetry

Technical Characteristics

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

Applications

This hinge is intended for half overlay cabinet door installations in kitchens, wardrobes, office furniture and commercial joinery where non self-closing operation is required. The unsprung design allows doors to remain in position or work with external damping systems, while the concealed construction maintains a clean and modern cabinet appearance. 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

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Property	Value
Closing Mechanism	Unsprung
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