SWS HARDWARE

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Sugatsune Concealed Hinge - 105° Half Overlay Sprung – 304 Grade Stainless Steel

Variant code: 180SUS-C46-10T

Sugatsune Concealed Hinge - 105° Half Overlay Non Soft Close Sprung – 304 Grade Stainless Steel is designed to deliver smooth and reliable door movement in cabinetry where durability and corrosion resistance are essential. Manufactured by **Sugatsune**, a globally recognised specialist in precision architectural hardware, this concealed hinge combines robust stainless steel construction with dependable sprung closing performance for modern cabinet installations.

The hinge features a **105° opening angle**, allowing comfortable access to cabinet interiors while maintaining stable door control. Designed for **half overlay cabinet door applications**, the hinge enables two doors to share a central cabinet panel, making it suitable for multi-door cabinet layouts where consistent alignment and efficient use of cabinet space are required.

An integrated **sprung self-closing mechanism** ensures the door returns to the closed position once it reaches the closing range. As a **non soft-close hinge**, it provides dependable mechanical closing without built-in damping, making it appropriate for installations where soft-close functionality is not necessary or where alternative closing control may be specified.

Manufactured from **304 grade stainless steel**, the hinge offers excellent corrosion resistance, making it suitable for environments exposed to moisture, frequent cleaning or demanding conditions. The concealed hinge design ensures the hardware remains hidden when the cabinet door is closed, supporting clean furniture aesthetics while maintaining reliable hinge performance.

Product Features

- **105° opening angle** for practical cabinet access
- **Half overlay hinge configuration** for shared cabinet panels
- **Sprung self-closing mechanism**
- **Non soft-close design** for consistent mechanical closing

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- **304 grade stainless steel construction**
- **Concealed hinge design** for clean cabinet appearance

Product Benefits

- Provides reliable and consistent door closing action
- Supports efficient cabinet layouts with shared panels
- Improves access to cabinet interiors
- Offers corrosion resistance in humid or demanding environments
- Maintains durability under frequent daily use
- Suitable for residential and commercial cabinetry

Technical Characteristics

- Concealed cabinet hinge design
- 105° opening angle
- Sprung hinge mechanism
- Non soft-close operation
- Manufactured from 304 grade stainless steel
- Designed for half overlay cabinet door installations

Applications

This Sugatsune concealed hinge is suitable for cabinetry in kitchens, bathrooms, laboratories and commercial furniture where corrosion resistance and dependable hinge performance are required. The 304 stainless steel construction makes it particularly appropriate for humid or hygiene-sensitive environments, while the half overlay configuration supports multi-door cabinet installations in modern joinery and architectural furniture projects.

Property	Value
Finish	304 Grade Stainless Steel
Opening angle (°)	105
Application	Half Overlay
Closing Mechanism	Sprung
Max Door Thickness (mm)	20