SWS HARDWARE

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

Variant code: 180SUS-C46-0T

Sugatsune Concealed Hinge - 105° Inset Sprung – 304 Grade Stainless Steel is designed to provide reliable door movement and corrosion-resistant performance in cabinetry where durability and clean aesthetics are required. Manufactured by **Sugatsune**, a globally recognised manufacturer of precision architectural hardware, this hinge combines robust stainless steel construction with smooth sprung closing performance suitable for demanding environments.

The hinge features a **105° opening angle**, allowing practical access to cabinet interiors while maintaining stable and controlled door movement. Designed specifically for **inset cabinet door applications**, the hinge allows the door to sit flush within the cabinet frame, supporting clean architectural lines and accurate reveal gaps commonly required in modern furniture and joinery.

This hinge incorporates a **sprung self-closing mechanism**, enabling the door to close automatically once it reaches the closing range. As a **non soft-close hinge**, it provides consistent mechanical closing action without integrated damping components, making it suitable for installations where soft-close functionality is not required or where external damping solutions may be used.

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

Product Features

- **105° opening angle** for practical cabinet access
- **Inset hinge configuration** for flush cabinet door installations

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- **Sprung self-closing mechanism**
- **Non soft-close design** for consistent mechanical closing
- **304 grade stainless steel construction**
- **Concealed hinge design** for clean cabinet appearance

Product Benefits

- Provides reliable and consistent door closing performance
- Supports clean inset cabinet aesthetics
- Improves access to cabinet interiors
- Offers corrosion resistance in demanding environments
- Maintains durable performance under regular use
- Suitable for both 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 inset cabinet door installations

Applications

This Sugatsune concealed hinge is commonly used in kitchens, bathrooms, laboratory furniture and commercial cabinetry where corrosion resistance and reliable hinge performance are required. The 304 stainless steel construction makes it suitable for humid or hygiene-sensitive environments, while the inset hinge design supports flush cabinet door installations in modern joinery and architectural furniture projects.

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