SWS HARDWARE

Tel: 01626 333900
Email: info@swshardware.com



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

Variant code: 180SUS-D46-0T

Sugatsune Concealed Hinge - 105° Inset Sprung – 304 Grade Stainless Steel is engineered to provide smooth, controlled cabinet door movement with integrated soft-closing performance in inset door installations. Manufactured by **Sugatsune**, a globally recognised specialist in precision architectural and furniture hardware, this concealed hinge combines corrosion-resistant stainless steel construction with refined closing control for modern cabinetry.

The hinge offers a **105° opening angle**, providing practical access to cabinet interiors while maintaining stable door guidance. Designed specifically for **inset cabinet doors**, it allows the door to sit flush within the cabinet frame, supporting clean architectural lines and precise reveal gaps often required in high-quality joinery and furniture installations.

An integrated **soft-close damping mechanism** ensures the door closes smoothly and quietly, preventing slamming and reducing wear on cabinet components. The hinge also incorporates a **sprung self-closing action**, ensuring the door returns reliably to the closed position once it reaches the closing range. This combination of spring assistance and damping improves user comfort and enhances the overall feel of the cabinet.

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

Product Features

- **105° opening angle** for comfortable cabinet access
- **Inset hinge configuration** for flush cabinet door installation

SWS HARDWARE
Tel: 01626 333900
Email: info@swshardware.com

- **Integrated soft-close damping mechanism**
- **Sprung self-closing hinge action**
- **304 grade stainless steel construction**
- **Concealed hinge design** for a clean cabinet appearance

Product Benefits

- Provides smooth and quiet door closing
- Supports clean inset cabinet aesthetics
- Improves accessibility to cabinet interiors
- Reduces door impact and cabinet wear
- Offers corrosion resistance in humid environments
- Suitable for residential and commercial cabinetry

Technical Characteristics

- Concealed cabinet hinge design
- 105° opening angle
- Integrated soft-close damping system
- Sprung hinge mechanism
- Manufactured from 304 grade stainless steel
- Designed for inset cabinet door installations

Applications

This Sugatsune concealed hinge is suitable for kitchen cabinetry, bathroom furniture, laboratory environments and commercial joinery where corrosion resistance and controlled door closing are required. The stainless steel construction makes it particularly suitable for humid or hygiene-sensitive environments, while the inset hinge configuration supports flush cabinet door installations in contemporary furniture and architectural cabinetry.

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