Tel: 01626 333900
Email: info@swshardware.com



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

Variant code: 180SUS-D46-19T

Sugatsune Concealed Hinge - 105° Overlay Sprung – 304 Grade Stainless Steel is engineered to provide smooth and controlled cabinet door movement with integrated soft-close performance for overlay door installations. Manufactured by **Sugatsune**, a globally recognised specialist in precision architectural and furniture hardware, this hinge combines durable stainless steel construction with refined motion control suitable for modern cabinetry and demanding environments.

The hinge provides a **105° opening angle**, allowing practical access to cabinet interiors while maintaining stable door operation. Designed for **overlay cabinet door applications**, the hinge positions the door to fully cover the cabinet side panel, supporting clean cabinet lines and consistent furniture design commonly specified in contemporary kitchens and fitted furniture.

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 reliably returns to the closed position once it enters the closing range. This combination of damping and spring assistance improves everyday usability and enhances cabinet longevity.

Manufactured from **304 grade stainless steel**, the hinge offers excellent corrosion resistance, 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, supporting clean furniture aesthetics while maintaining reliable hinge performance.

Product Features

- **105° opening angle** for comfortable cabinet access
- **Overlay hinge configuration** for full

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cabinet side coverage
- **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 overlay 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 construction
- 105° opening angle
- Integrated soft-close damping system
- Sprung hinge mechanism
- Manufactured from 304 grade stainless steel
- Designed for overlay 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 overlay hinge configuration supports clean cabinet design in modern furniture and architectural joinery projects.

Property	Value
Finish	304 Grade Stainless Steel
Opening angle (°)	105
Application	Half Overlay
Closing Mechanism	Sprung

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Property	Value
Max Door Thickness (mm)	20