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

Variant code: 180SUS-D46-10T

Sugatsune Concealed Hinge - 105° Half Overlay Sprung – 304 Grade Stainless Steel is designed to provide smooth, controlled cabinet door movement with integrated soft-close functionality in half overlay door applications. 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 suitable for modern cabinetry.

The hinge features a **105° opening angle**, allowing practical access to cabinet interiors while maintaining stable door operation. Designed for **half overlay cabinet door configurations**, the hinge allows two doors to share a central cabinet panel, supporting efficient cabinet layouts commonly used in multi-door cabinets and furniture installations.

An integrated **soft-close damping mechanism** ensures the door closes smoothly and quietly, preventing slamming and improving everyday usability. 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 spring assistance and damping enhances comfort while helping protect cabinet structures from repeated impact.

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

Product Features

- **105° opening angle** for practical cabinet access
- **Half overlay hinge configuration** for shared cabinet panels
- **Integrated soft-close damping**

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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 efficient cabinet layouts using shared panels
- 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 half overlay cabinet door installations

Applications

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

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