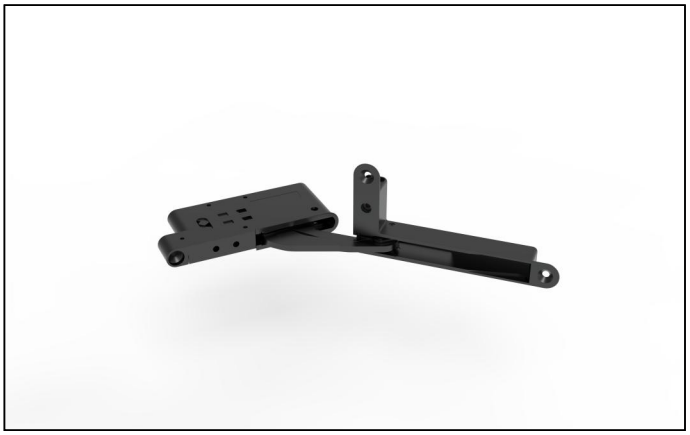
Tel: 01626 333900
Email: info@swshardware.com



DS-140 Invisible Soft Closing Hinge 140° opening Angle for up to 25kg door weight - Black - Right Hand

Variant code: 50DS140CERDX42

DS-140 Invisible Soft Closing Door Hinge - Right Hand - Black is a high-performance **concealed furniture hinge** designed for swing doors weighing up to **25kg**. Featuring an integrated soft-closing mechanism and a wide **140° opening angle**, it provides smooth, controlled door movement while allowing convenient access to cabinet interiors.

The **recessed hinge design** remains completely hidden when the door is closed, creating a clean, minimalist appearance for contemporary furniture and cabinetry. Its **three-dimensional adjustment system** allows precise door positioning, helping achieve accurate alignment and consistent gaps.

Suitable for **door thicknesses from 20mm to 30mm**, the DS-140 can be used with wooden doors and compatible aluminium profiles when fitted with the appropriate brackets. This **right-hand variant** features a modern **black finish** and includes a screw cover for a neat, professional appearance.

Product Features

- **Invisible concealed hinge** remains hidden when the door is closed.
- **Integrated soft-closing mechanism** provides controlled door closure.
- **Wide 140° opening angle** for improved cabinet access.
- **Supports doors up to 25kg**, subject to correct installation.
- **3D adjustment** allows precise door positioning.
- **Suitable for 20–30mm door thicknesses**.
- **Compatible with wooden doors and aluminium profiles** using appropriate brackets.
- **Black finish** with right-hand configuration.
- **Included screw cover** provides a neat appearance.
- **Optional 95° opening stopper** available separately.

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Email: info@swshardware.com

Product Benefits

- **Improved accessibility** with a generous 140° opening angle.
- **Smooth, quiet closing** helps prevent door slamming.
- **Concealed installation** maintains a minimalist furniture design.
- **Precise adjustment** helps achieve consistent door alignment.
- **Versatile compatibility** suits different furniture constructions.
- **Controlled door movement** improves everyday usability.
- **Professional finish** complements modern cabinetry.

Technical Characteristics

- **Range:** DS-140
- **Product Type:** Invisible Soft Closing Furniture Hinge
- **Hinge Design:** Recessed Concealed
- **Opening Angle:** 140°
- **Maximum Door Weight:** 25kg
- **Suitable Door Thickness:** 20–30mm
- **Closing Mechanism:** Integrated Soft Closing
- **Adjustment:** Three-Dimensional (3D)
- **Handing:** Right Hand
- **Finish:** Black
- **Door Compatibility:** Wooden Doors and Aluminium Profiles
- **Installation:** Recessed Mounting
- **Included Accessory:** Screw Cover
- **Optional Accessory:** 95° Opening Stopper

Applications

Area of Use: Ideal for **kitchen cabinets, wardrobes, corner wardrobes, cupboards, storage units and bespoke furniture** requiring concealed hinges with wide opening angles and soft-closing functionality. Suitable for wooden swing doors and compatible aluminium-framed furniture doors.

How to Install: Prepare the required recesses in the door and cabinet according to the installation instructions. Position and secure the hinge using suitable fixings, ensuring the correct **right-hand orientation**. Use the **3D adjustment system** to align the door accurately, then fit the supplied screw cover.

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Email: info@swshardware.com

Installation Considerations: Ensure the door thickness is between **20mm and 30mm** and that the installation is suitable for the door weight. Use dedicated brackets for aluminium profiles. Where a restricted opening is required, an **optional 95° stopper** can be fitted. Follow the installation guidance for hinge quantity, positioning and fixing requirements.

Property	Value
Finish	Black
Opening angle (°)	140
Application	Wood doors and aluminium profile
Closing Mechanism	Soft Closing
Max Door Weight (kg)	25
Door Thickness (mm)	20-30
Hinge Type	Concealed/Invisible
Adjustments	3D Adjustable
Handing	Right Hand