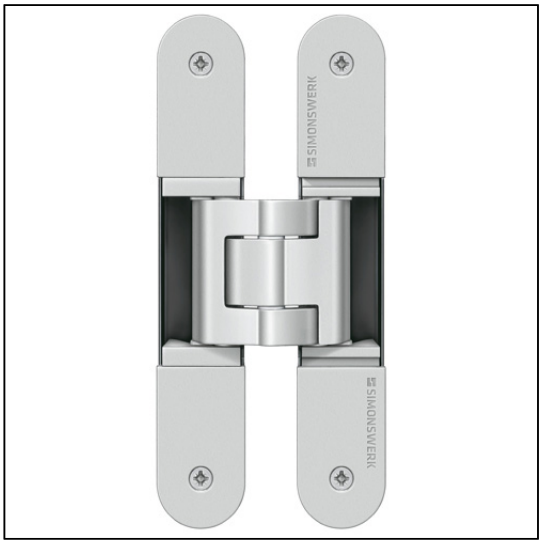
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# TECTUS 3D Adjustable Concealed Hinge 125 x 36mm 60KG 12mm Offset 44mm Door - SW126 Stainless Steel Look

**Variant code: TE311.3D.FVZ.44.SSE**

The **TECTUS 3D Adjustable Concealed Hinge for Recessed Frames** is a completely concealed hinge system specifically designed for **unrebated residential doors with recessed frames**. With an **overall length of 125mm**, a **minimum door thickness of 44mm** and a **load capacity of up to 60kg**, it provides a discreet and practical solution for contemporary architectural door installations.

Designed for **recessed frames up to 12mm**, the hinge is suitable for installation with **block and steel frames**. Comfortable **3D adjustment** enables accurate door positioning, providing **side adjustment of +/- 3.0mm, height adjustment of +/- 3.0mm and compression adjustment of +/- 1.0mm**. This allows the door to be precisely aligned after installation.

The hinge incorporates **maintenance-free slide bearings** for dependable operation and features a **sideways closed hinge body** for an aesthetically pleasing and homogeneous mortise appearance. It provides an **opening angle of up to 180°** and carries **CE, IFT and UKCA certification**, providing documented quality credentials for professional door specifications.

## Product Features

- **Completely concealed hinge system**
- **125mm overall length**
- **Load capacity up to 60kg**
- Designed for **unrebated residential doors with recessed frames**
- Suitable for **recessed frames up to 12mm**
- Suitable for **block and steel frames**
- **Minimum door thickness of 44mm**
- Provides comfortable **3D adjustment**
- **Side adjustment:** +/- 3.0mm
- **Height adjustment:** +/- 3.0mm
- **Compression adjustment:** +/- 1.0mm

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- Features **maintenance-free slide bearings**
- **Sideways closed hinge body** for an aesthetically pleasing mortise appearance
- Provides an **opening angle up to 180°**
- **CE, IFT and UKCA certified**

## Product Benefits

- **Specially designed for recessed frames up to 12mm, providing a concealed hinge solution for distinctive architectural door designs**
- **3D adjustment enables precise side, height and compression alignment after installation**
- **Up to 60kg load capacity provides dependable support for suitable unrebated residential doors**
- **Completely concealed installation** creates a clean and minimalist appearance when the door is closed
- **Maintenance-free slide bearings** help minimise ongoing servicing requirements
- **Sideways closed hinge body** creates a neat and homogeneous mortise appearance
- **180° opening angle** provides excellent opening capability where the installation permits
- Suitable for **block and steel frames** for professional recessed-frame applications
- **CE, IFT and UKCA certification** provides documented product quality credentials

## Technical Characteristics

- **Product Type:** 3D Adjustable Concealed Hinge for Recessed Frames
- **Overall Length:** 125mm
- **Door Part Width:** 36mm
- **Frame Part Width:** 24mm
- **Load Capacity:** Up to 60kg
- **Maximum Frame Recess:** 12mm
- **Minimum Door Thickness:** 44mm
- **Door Type:** Unrebated Residential Doors
- **Frame Compatibility:** Block & Steel Frames
- **Side Adjustment:** +/- 3.0mm
- **Height Adjustment:** +/- 3.0mm
- **Compression Adjustment:** +/- 1.0mm
- **Bearing Type:** Maintenance-Free Slide Bearings
- **Cutter Diameter:** 24mm
- **Collar Ring Diameter:** 30mm

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- **Opening Angle:** 180°
- **Function Range:** Standard Residential Door Application
- **Certification:** CE, IFT & UKCA
- **Classification Standard:** EN 1935 / EAD
- **Classification Code:** 2 7 3 1* 1 1 — * 0 10

## Applications

The **TECTUS 3D Adjustable Concealed Hinge for Recessed Frames** is designed for **unrebated residential doors** installed with compatible **block or steel recessed frames**. Supporting frame recesses of up to **12mm** and doors with a minimum thickness of **44mm**, it is particularly suitable for contemporary architectural interiors where the door and frame arrangement requires a recessed appearance. Its combination of a **completely concealed design, 3D adjustment, maintenance-free slide bearings, 180° opening angle and up to 60kg load capacity** provides a versatile solution for precision residential door installations.

| Property | Value |
|---|---|
| Finish | Stainless Steel Look |
| Opening angle (°) | 180 |
| Load Capacity (kg) | 60 |
| Width Door Part (mm) | 36 |
| Width Frame Part (mm) | 24 |
| Cutter diameter (mm) | 24 |
| Collar ring diameter (mm) | 30 |
| Min Door Thickness (mm) | 44 |
| Overall Length (mm) | 125 |
| Certification | CE, IFT & UKCA |