
Stretto

Clampable, three-part door hinge



Stretto

Slim hinge, strong performances.



DESCRIPTION

Stretto is an **effective, clampable, three-part door hinge** for **Euronut profiles with a 14/18 mm and a 10/14 mm groove**.

CHARACTERISTICS

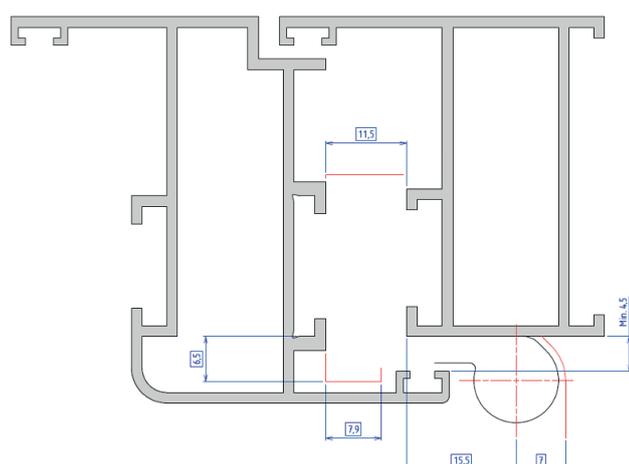
- **Hinge dimensions:** 160 mm H – knuckle: Ø 12 mm
- **1 height adjustment set** per door.
To be ordered separately.
- **Application:**
 - For all open in and open out doors.
 - Can be used for balcony windows, in combination with window fittings.
- **Profile specifications:**
 - Minimum profile gap of 4.5 mm.
 - Sufficient space required for knuckle.
 - No profile preparations required.
- **Material:**
 - Hinge parts made from extruded aluminium.
 - Stainless steel and aluminium clamping plates.
 - Zinc alloy adjustment set.
 - Stainless steel screws (A2-70 cf. Aisi304).
 - Frame and vent bushes made from various synthetic materials.
- **Finishes:**
 - 450 RAL colours.
 - Textured coatings.
 - Various anodisation colours.
 - Stainless steel look.



14-18 mm



10-14 mm



APPLICATION RANGE

Doors

- **Vent heights** from 1800 to 3000 mm.
- **Vent widths** from 500 to 1400 mm.
- **Weights:**
 - Up to 140 kg with 2 hinges: normal use.
 - Up to 160 kg with 3 hinges (two on top, one at the bottom): intensive use.
 - Up to 200 kg with 4 hinges: intensive use.

Side hung windows

- **Vent heights** from 500 to 2800 mm*.
 - **Vent widths** from 500 to 1700 mm*.
- * Vent heights between 2400 & 2800 mm and vent widths between 1400 & 1700 mm can only be used after submitting the profiles for approval.
- **Weights:**
 - Up to 140 kg with 2 hinges: normal use.
 - Up to 160 kg with 3 hinges (two on top, one at the bottom): intensive use.
 - Up to 200 kg with 4 hinges: intensive use.

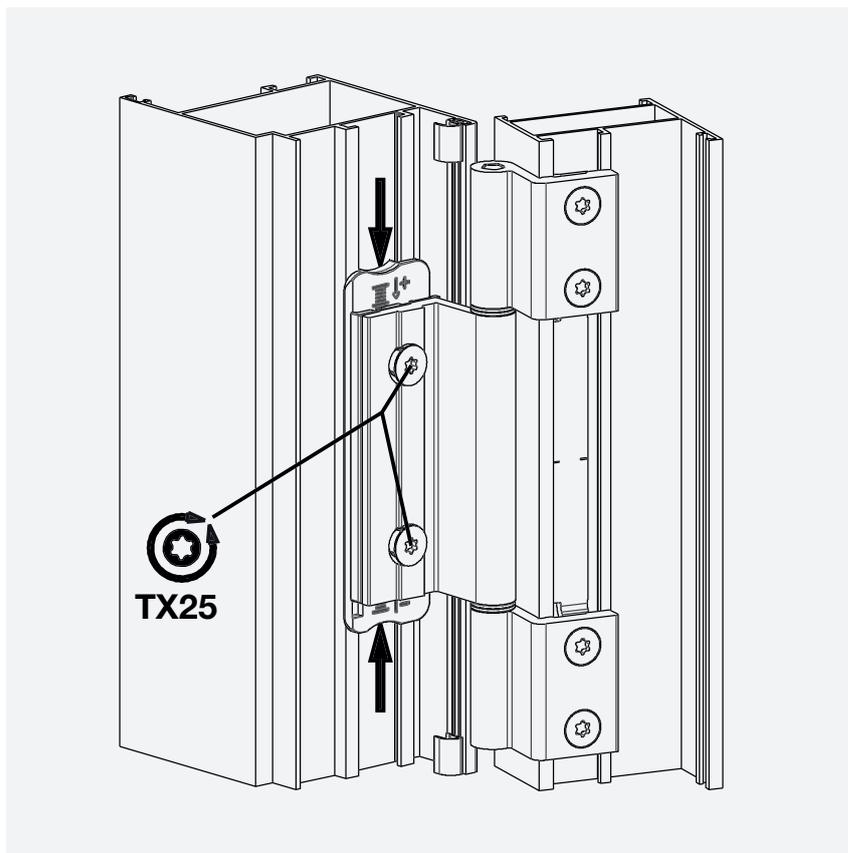
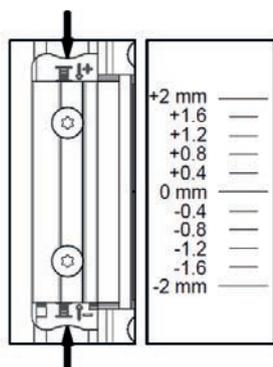
Bottom hung windows

- **Vent heights** from 500 to 2400 mm.
 - **Vent widths** from 500 to 2400 mm.
 - From 1200 to 1800 mm: 1 extra hinge to maintain the seal.
 - From 1800 to 2400 mm: 2 extra hinges to maintain the seal.
 - **Weights:**
 - Up to 130 kg with 2 hinges. Always place the hinges at the height of the glass supports.
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ADJUSTMENT

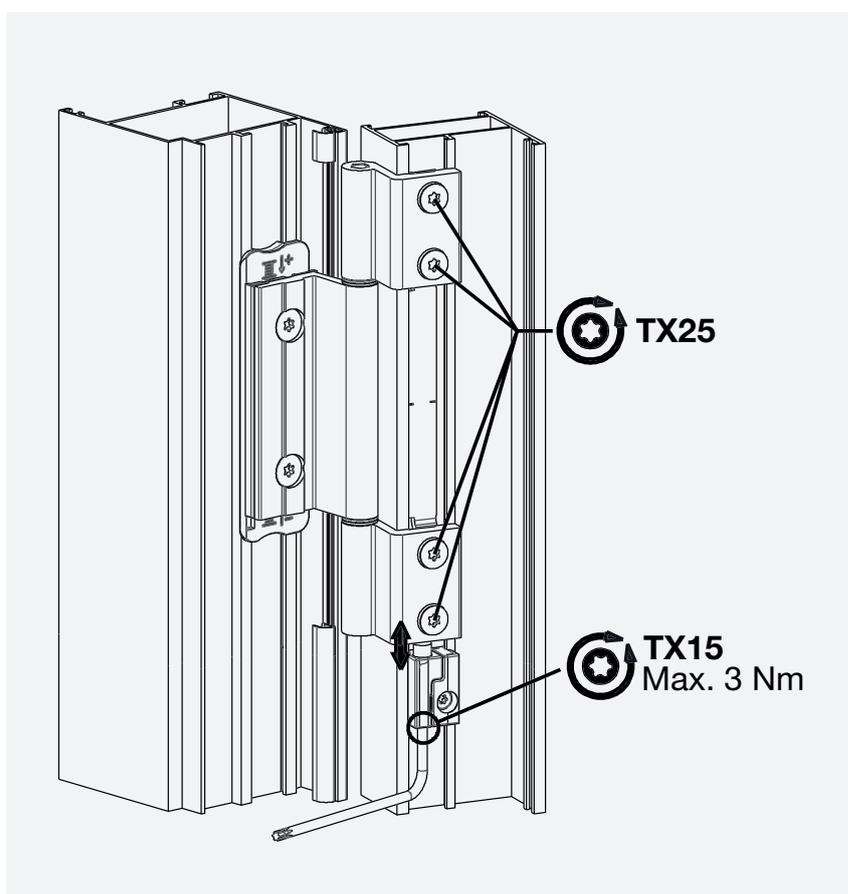
Horizontal adjustment:

- Adjustment of +/- 2.0 mm.
- In steps of 0.4 mm.
- Loosen fixing screws.
- Slide adjustment manually.
- Tighten fixing screws.



Height adjustment

- Variable adjustment of +/- 4.0 mm.
- Only 1 adjustment necessary per door.
- Loosen all frame part screws on all hinges.
- Adjust using a Torx key.
- Tighten all frame part screws.



TESTS & RESULTS

Classification key:

4	7	6	0	1	5	0	13
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Use intensity: class 4 = highest class.

Durability: class 7 = highest class = 200,000 cycles.

Weight: class 6 = second highest class = 120 kg.

Corrosion resistance: class 5 = highest class = 480 hours.

Hinge class: class 13 = second highest class.

Cycle tested up to 500,000 cycles.

Weight up to 200 kg.

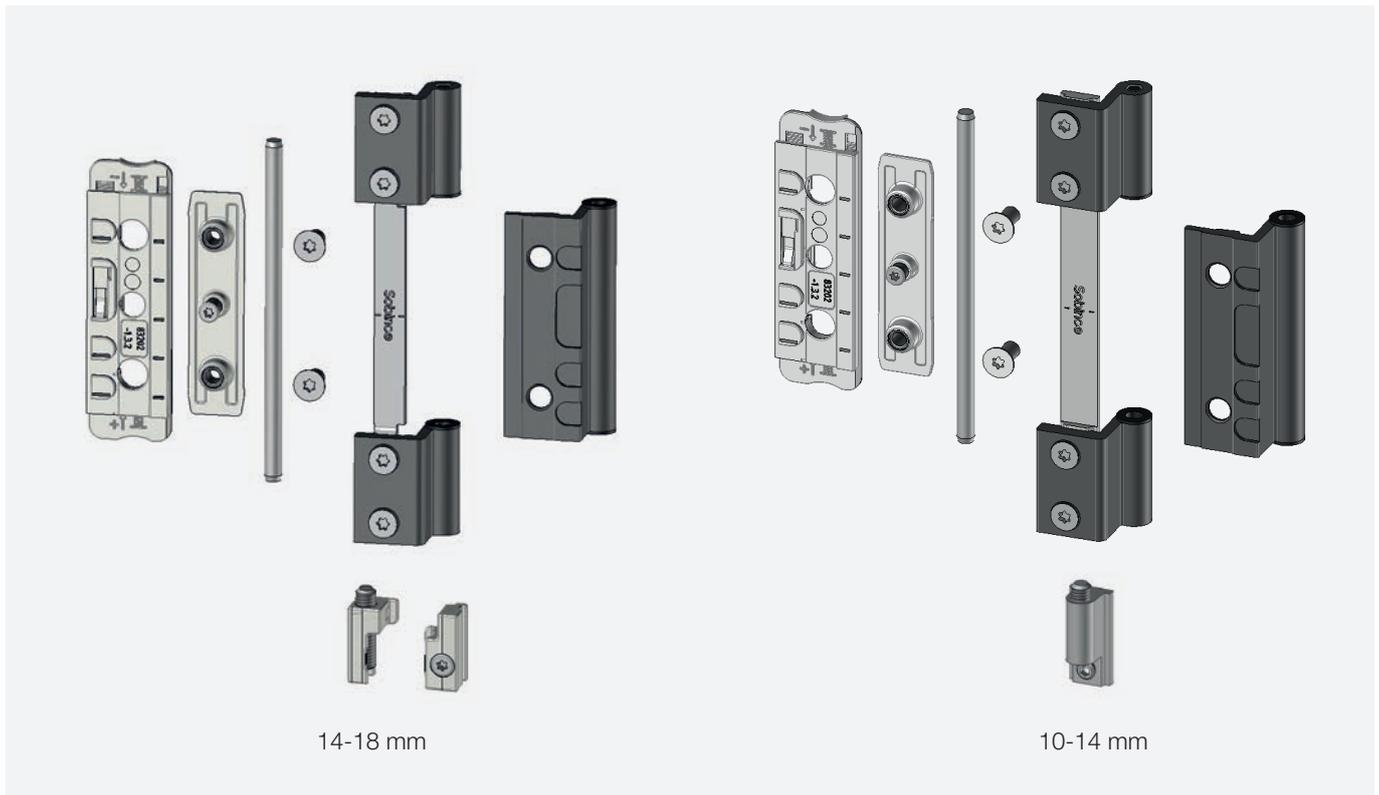
Burglar resistance:

- SKG**
- SKG*** possible in combination with anti-lift pins.



Security pins with reduced base





ADVANTAGES

- Less losses* due to **unique position of the knuckle** against the frame.
- Knuckle position closer to profile = **large effective adjustment range****.
- **Efficient adjustment:**
 - Clearly defined indications for the adjustment of the hinge.
 - Height adjustment can be mounted afterwards.
 - Only one height adjustment per door required.
 - Better rebate, so no need for rebate adjustment.
- **Stable hinge due to three parts.**
- **Easy and efficient assembly:**
 - **Only two tools necessary for installation and adjustment (Torx keys T15 and T25).**
 - Axis can be assembled afterwards, no need to lift the vent.
 - Clamping of the axis in the vent part for easy assembly.
 - Frame part can be positioned afterwards.
- **Aesthetic design:**
 - Smaller knuckle.
 - Punch screw no longer visible after installing the vent part.

*Losses = losses in gap size due to unsuitable profile combinations and construction connections.

**Effective adjustment range = adjustment range to be used by constructor, meaning range without losses of the hinge.



We are Sobinco. We get things done. We specialise in the development and production of innovative locking systems and components for the aluminium windows and doors industry.

At Sobinco **the entire production process takes place under one roof.** In this way we are able to manage and control the value creation chain from start to finish. This gives us **great flexibility** and allows us **to attain sustainable results over the short term.**

Innovation is our passion. Our creativity, expertise and craftsmanship provide a guarantee of added value which translates into **high-quality products, easy assembly, modularity, sustainability and aesthetic comfort.**

Driven by this passion, **our team** at all times endeavours to **improve our current products and develop new ones.** To this end, we listen to the market and to our customers.

We use **high-quality materials** for our product development. These products are **exhaustively tested in line with the strictest of guidelines and quality requirements.** Every product must satisfy these as a minimum and their ratings often exceed the required standards.

We have a **strong customer focus.** Not only in the development of our products, but also in our after-sales support, during the installation process and even long afterwards.

Sobinco is a financially viable and high-tech environment where our specialists can focus on their strengths. With more than 60 years in the business, you can rest assured that we are a reliable partner, ready to seize the opportunity. Nevertheless, we remain approachable. In short, **a family atmosphere, where there is mutual respect** for management, customers, partners and employees.

We are Sobinco. We get things done. We listen. We think in terms of opportunities. We are not afraid to roll up our sleeves.

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FITTINGS FOR ALUMINIUM WINDOWS & DOORS

Waregemstraat 5 - 9870 Zulte - Belgium

T +32 9 388 88 81 - F +32 9 388 88 21

commercial@sobinco.com

www.sobinco.com

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