

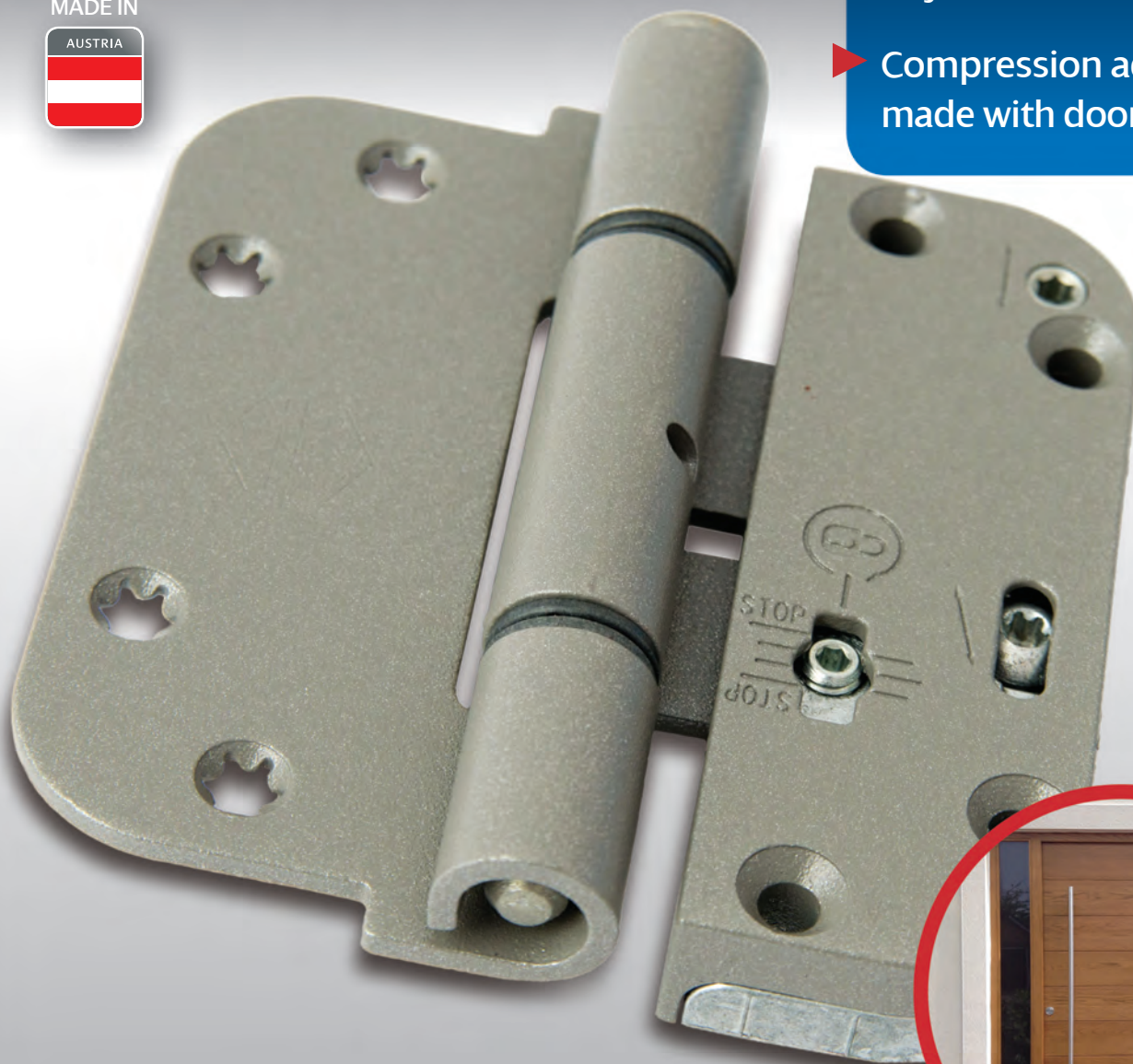
HT4 3D Adjustable Door Hinge

MADE IN

AUSTRIA

▶ Adjustable via one hinge

▶ Compression adjustment
made with door in position



*The advanced door hinge for
Composite & Timber door systems*

Innovating & upgrading the style, performance & longevity
of external doors & windows globally

01726 871025 | sales@coastal-group.com | www.coastal-group.com

Global House | 3 Bojea Industrial Estate | Trethowel | St Austell | Cornwall | PL25 5RJ



DC-146

HT4 3D Adjustable Door Hinge



Polished
Brass

Polished
Chrome

White
(RAL9016)

Black
(RAL9005)

Grey
(RAL9007)

Order Codes

Stock Code	Description	Finish
HT4-BK	3D Adjustable Hinge	Black (RAL9005)
HT4-WH	3D Adjustable Hinge	White (RAL9016)
HT4-GR	3D Adjustable Hinge	Grey (RAL9007)
HT4-CP	3D Adjustable Hinge	Polished Chrome
HT4-PB	3D Adjustable Hinge	Polished Brass
HT4-SS	Security Grub Screw	
HT4-CC	Cover Cap	

Corrosion Test Data

Finish	Specification	Salt Spray Test
Black	Class 5	480 hour
White	Class 5	480 hour
Grey	Class 5	480 hour
Chrome	Class 2	48 hour
Gold	Class 2	48 hour



HT4 3D Adjustable Door Hinge

Revolutionary 3D adjustment

All adjustments are done directly with a T20 key, there is no need to release fixings and the door leaf remains securely fastened to the frame throughout.

The revolutionary part, is that the hinges are equipped with a patented mechanism that provides freedom of upward motion.

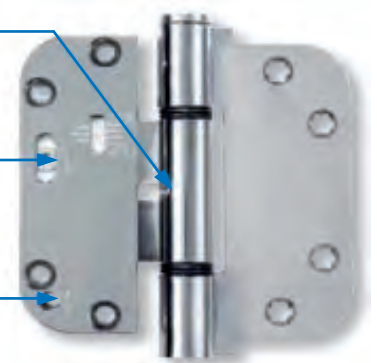
The height adjustment only needs to be carried out on a single hinge, the other hinges adjust automatically.

The compression adjustment is set with the door closed. This means that the sash sits in the frame and the fitter can see the contact pressure increase or decrease whilst adjusting the door.

Compression adjustment

Lateral adjustment

Height adjustment



Adjustment range: +/-3

Adjustment range

The HT4 Adjustable door hinge adjusts directly and continuously +/-3mm in all dimensions.

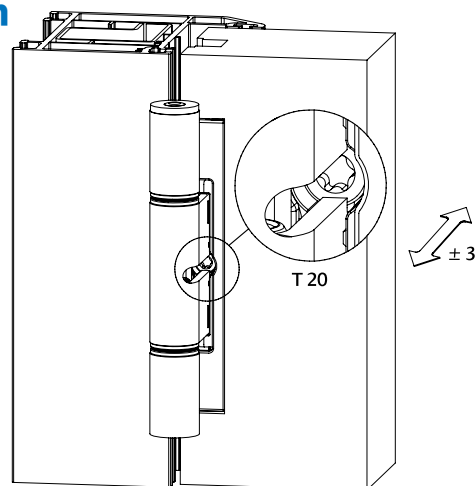
Further Benefits

- The Sash and frame linkage arm is fixed together, which ensures that the two components remain connected even under extreme conditions.
- The hinge bushes are made from a special material that is extremely resistant to wear.
- Each hinge can carry 80kg
- A security locking screw for the hinge spindle is available for outward open doors.
- Testing according to British standards PAS24.

HT4 3D Adjustable Door Hinge

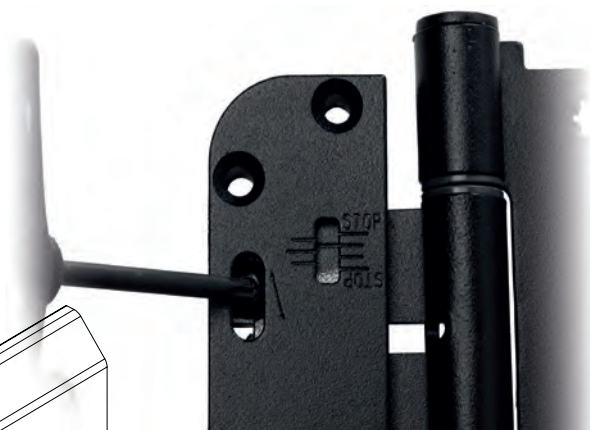
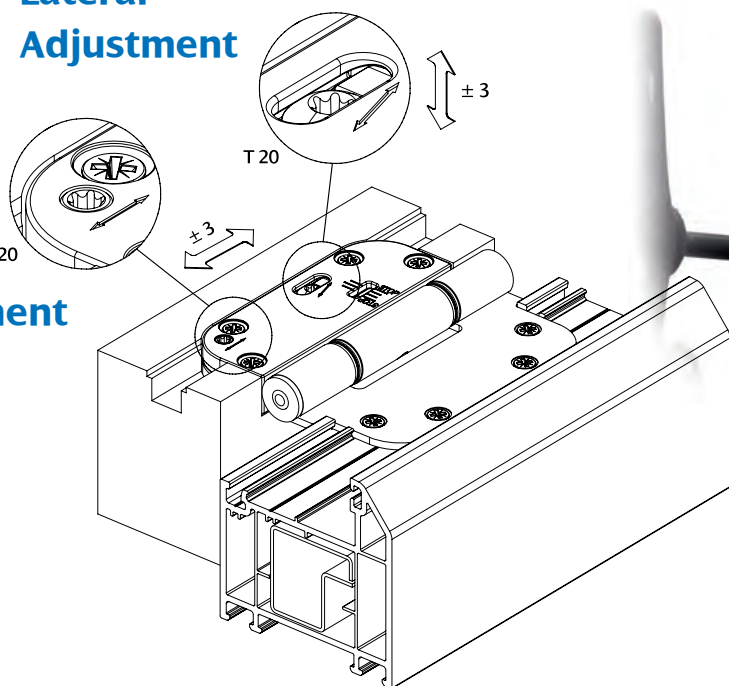


**Compression
Adjustment**



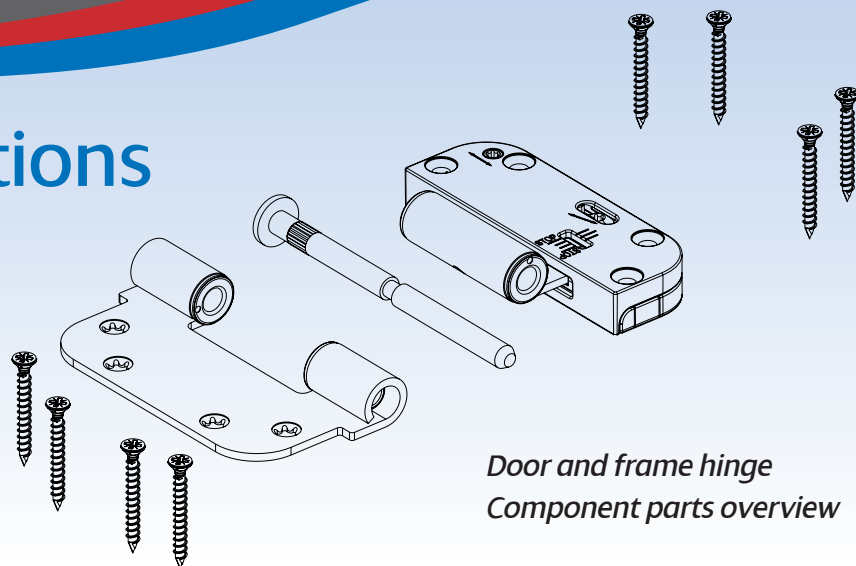
**Lateral
Adjustment**

**Height
Adjustment**



HT4 3D Adjustable Door Hinge

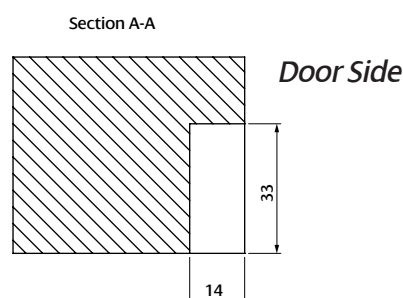
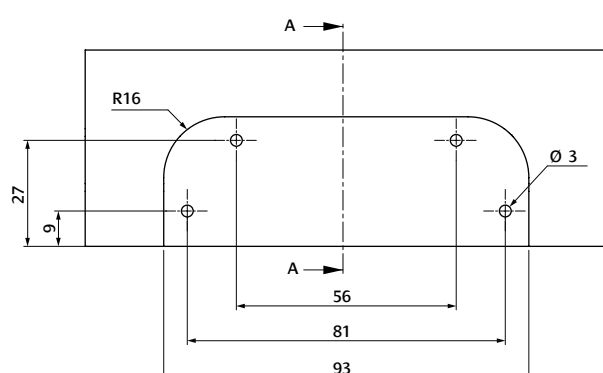
Fitting Instructions



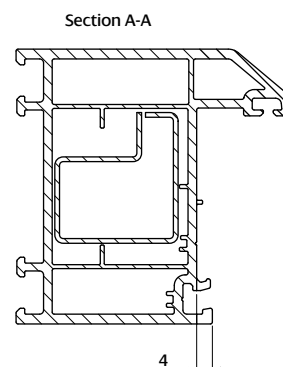
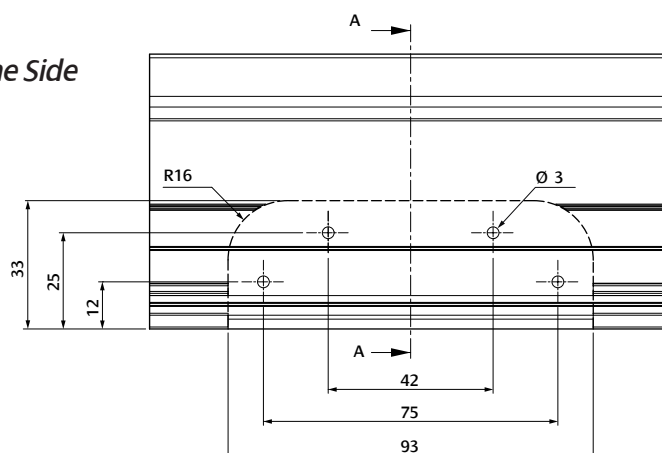
*Door and frame hinge
Component parts overview*

Routing and drill centres

Door and frame

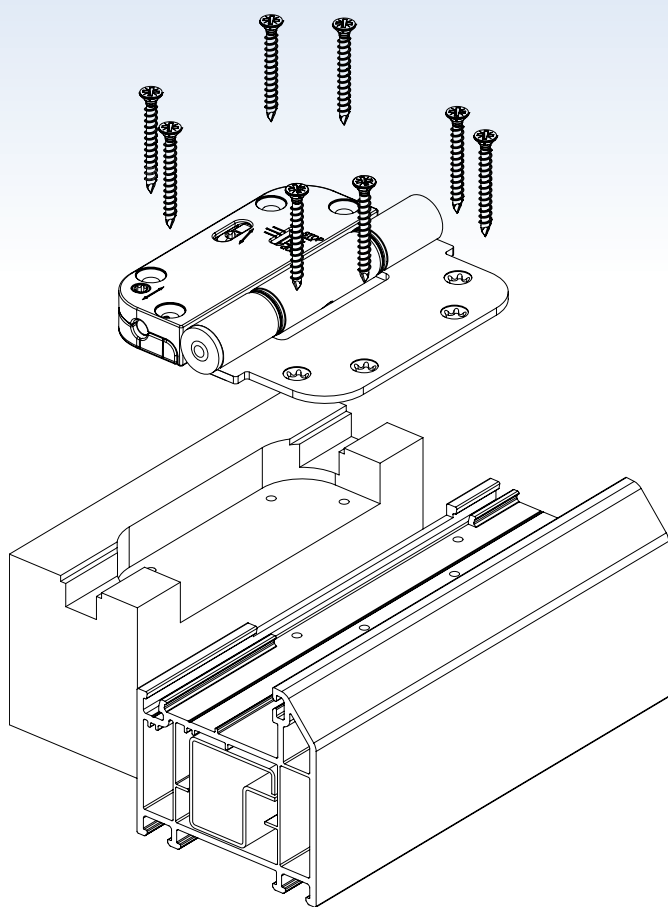
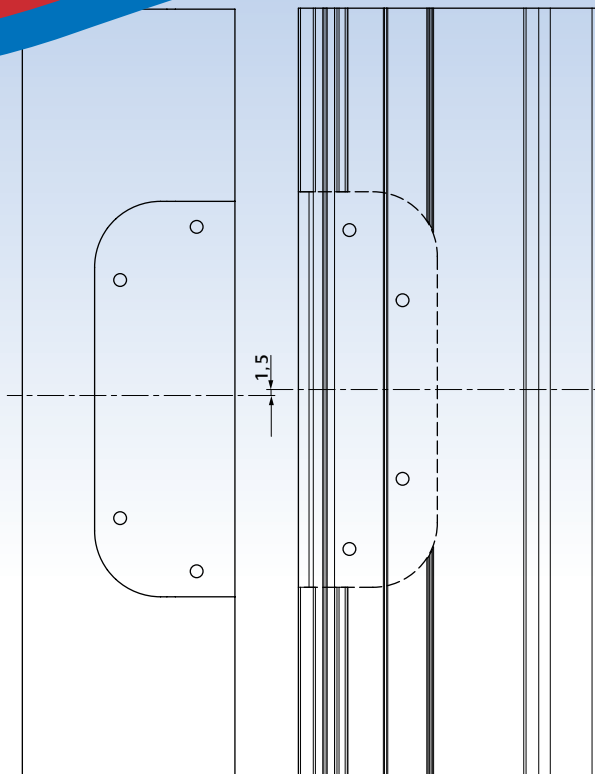


Frame Side



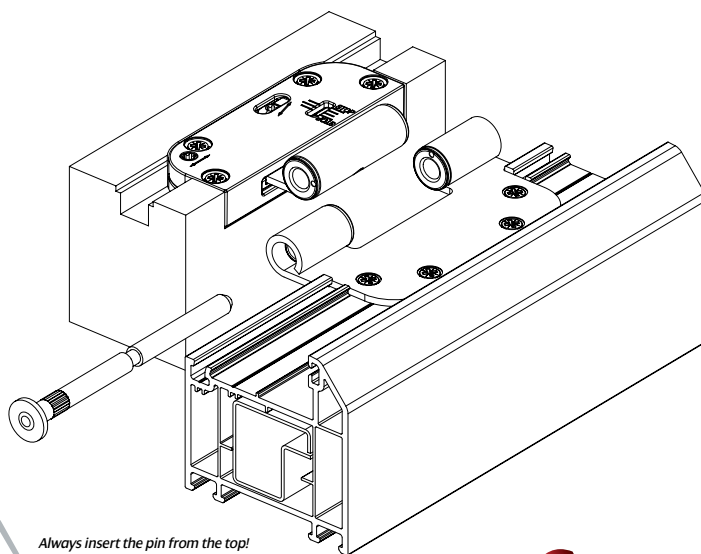
HT4 3D Adjustable Door Hinge

Offset centres
Door and frame



Hinge assembly
Door and frame

Installing the spindle

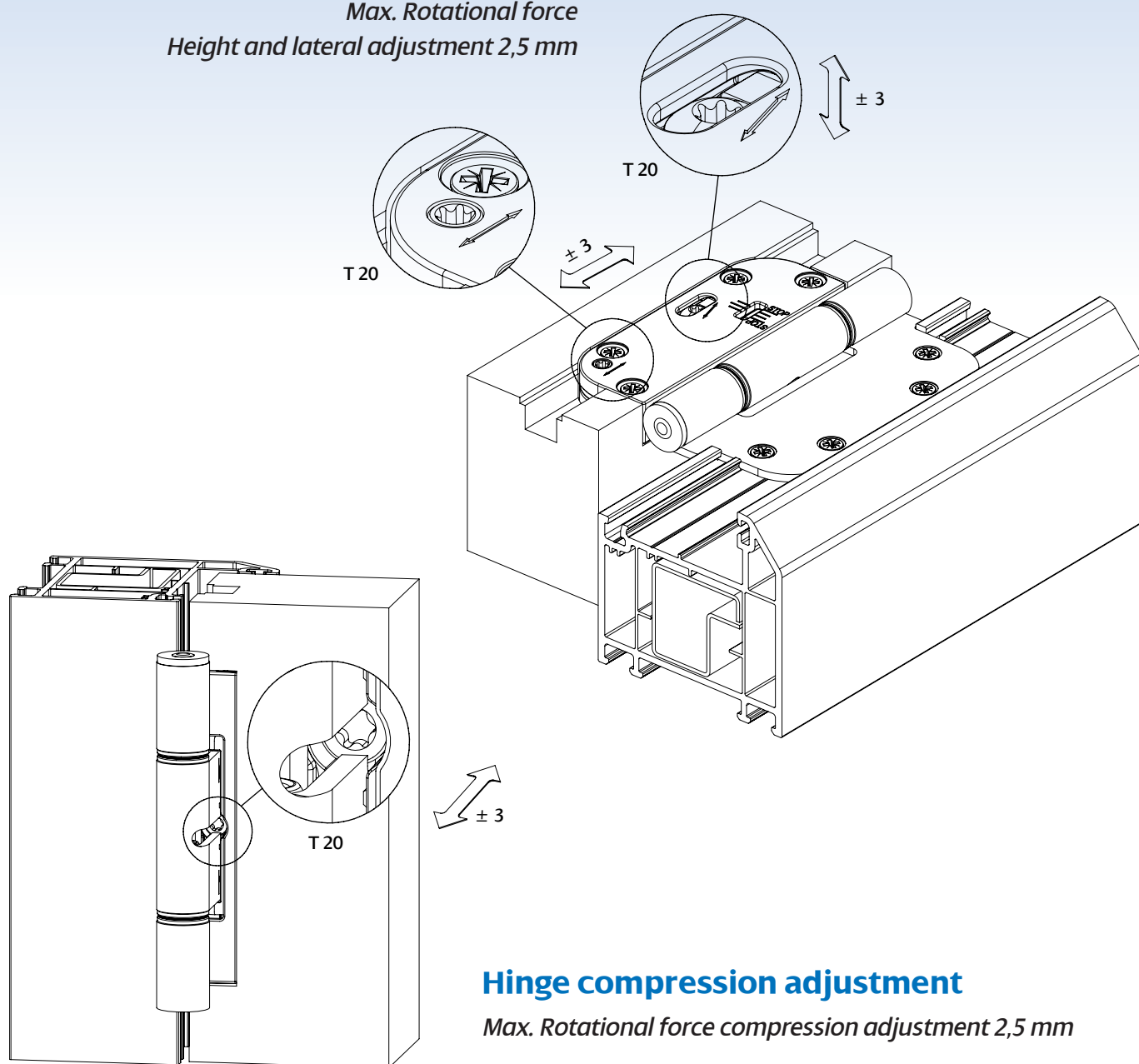


Always insert the pin from the top!

HT4 3D Adjustable Door Hinge

Hinge adjustment

*Max. Rotational force
Height and lateral adjustment 2,5 mm*



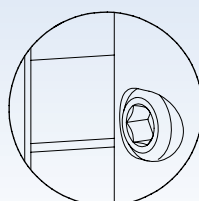
Hinge compression adjustment

Max. Rotational force compression adjustment 2,5 mm

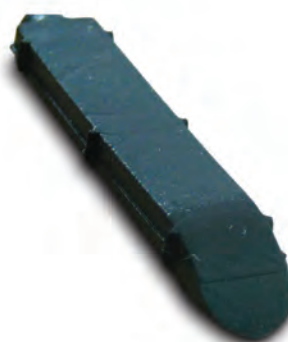
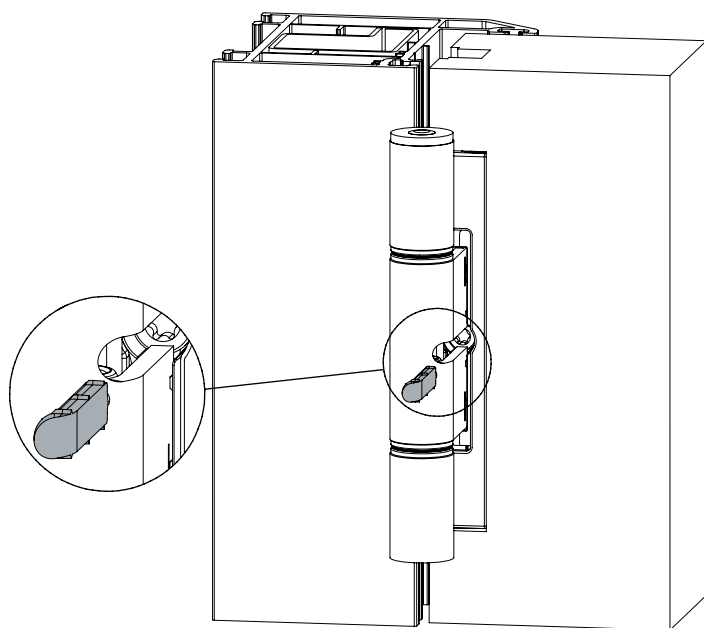
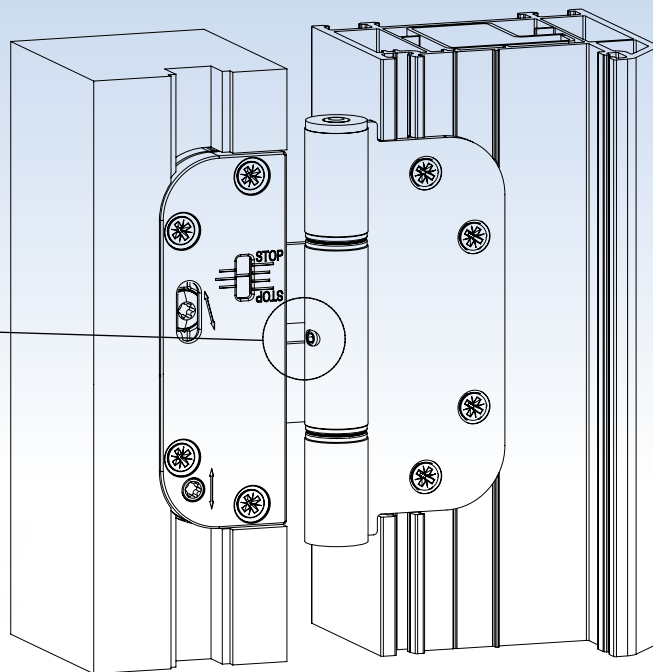
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Security screw assembly

For outward opening doors



Ø 2 mm



Cover cap assembly

Optional

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