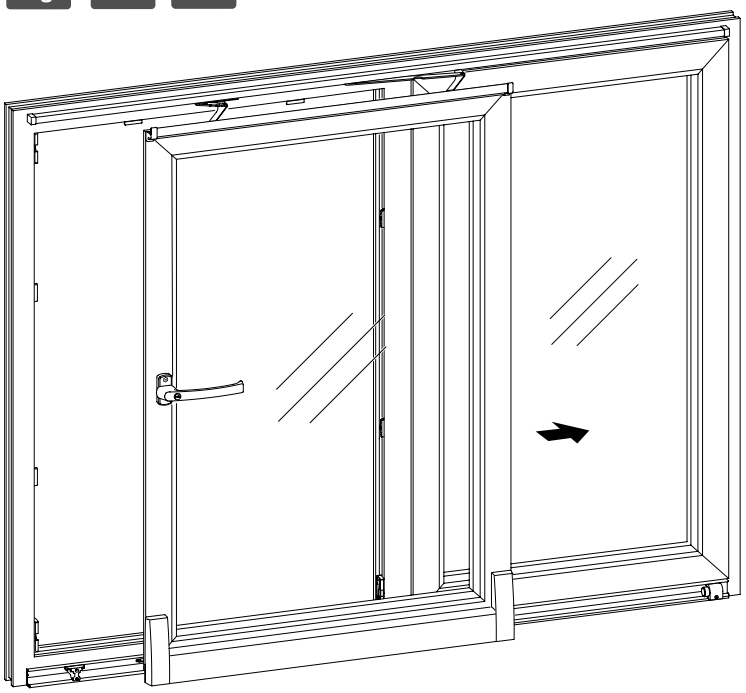
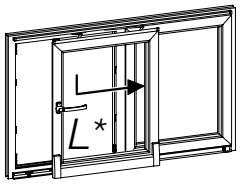
ATRIUM® SP comfort

Additional instruction – **TWIN (FG > 160 kg)**
Additional instruction – **FFH > 2350 mm**
Additional instruction – **FFB > 1650 mm**

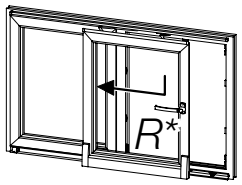
GB

200 kg | A13





** HAUTAU version Left = DIN EN 12519 Right (right-opening)*



** HAUTAU version Right = DIN EN 12519 Left (left-opening)*

The figures within these mounting instructions refer to HAUTAU version Left (*DIN EN 12519 Right*).

For HAUTAU versions Right (*DIN EN 12519 Left*) measures have to be applied correspondingly.

Note:

This document is only valid in combination with the mounting instruction **ATRIUM® SP comfort**, item-code: 234991.

These instruction only describes the different working steps, which are necessary to mount an element with sash weight > 160 kg (FFB min. 1250 mm) and/or FFH > 2350 mm, FFB > 1650 mm.

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Abbreviations

FFB	Sash rebate width	FFK	Sash rebate edge
FFH	Sash rebate height	FG	Sash weight

Proprietary note for a limited use of these documents according to DIN ISO 16016. © HAUTAU GmbH

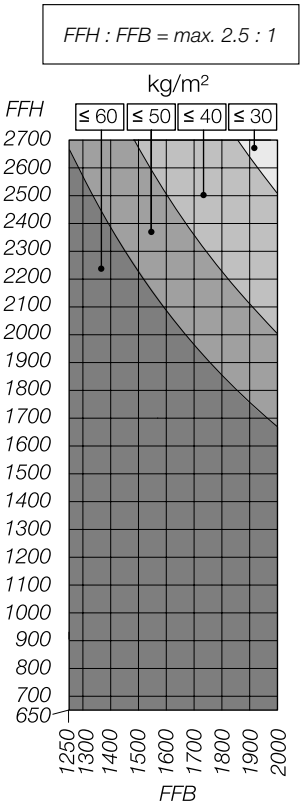
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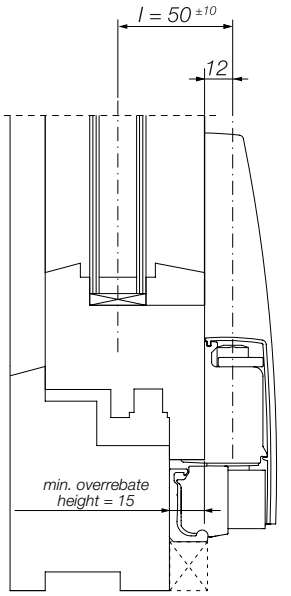
Applications

The limits of application quoted in these instructions are binding and must not be exceeded. Please also comply with admissible sizes, manufacturing instructions and processing guidelines given by the profile manufacturer.

ATRIUM® SP comfort TWIN

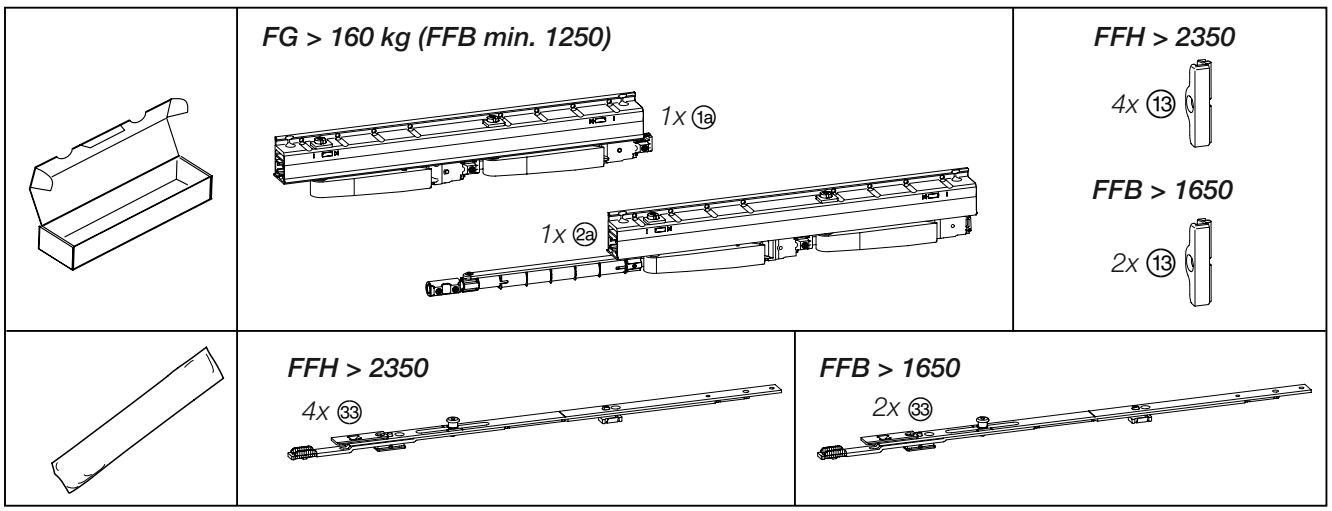
Sash rebate width (FFB)	[mm]	1250 up to 2000
Sash rebate height (FFH)	[mm]	650 up to 2700
Sash weight	[kg]	max. 200
Handle position		½ FFH





applicable for an l-value of 50±10

Different parts to basic mounting instruction



All measurements in these instructions are indicated in millimetres (mm).

Cutting to size of central locking for FFH > 2350 mm, FFB > 1650 mm

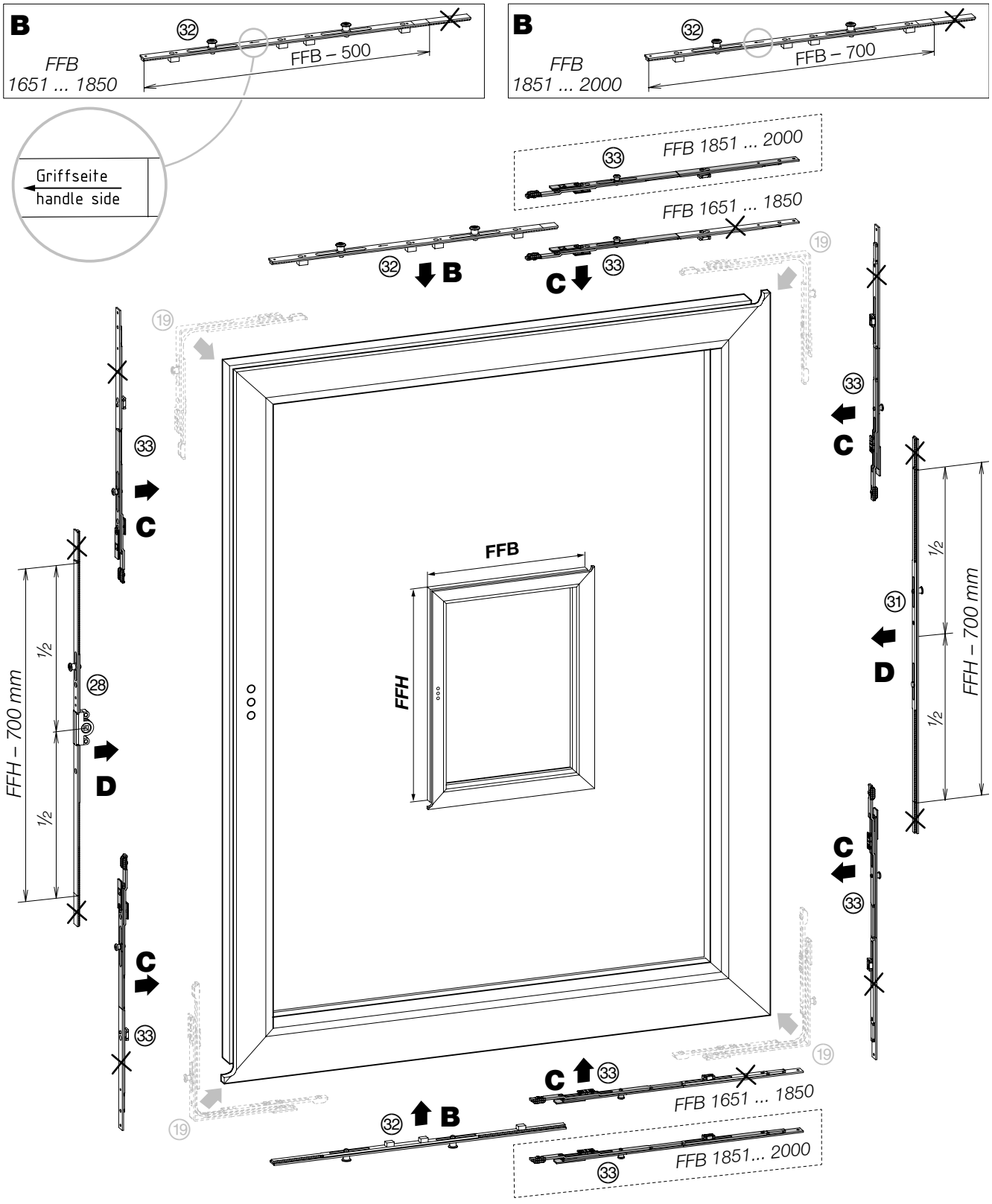
Cutting tracks to size

A For the mounting steps refer to basic mounting instruction ATRIUM® SP comfort, item-code: 234991.

B Cut connecting track top ㉜ and connecting track bottom ㉜ depending of application range.

C Cut linkages ㉝ at the marks. In case of FFB 1851 … 2000 linkages top/bottom must not be cutted.

D Shorten lateral connecting track ㉛ and espag tack ㉘.



Mounting of strikers for FFH > 2350 mm, FFB > 1650 mm

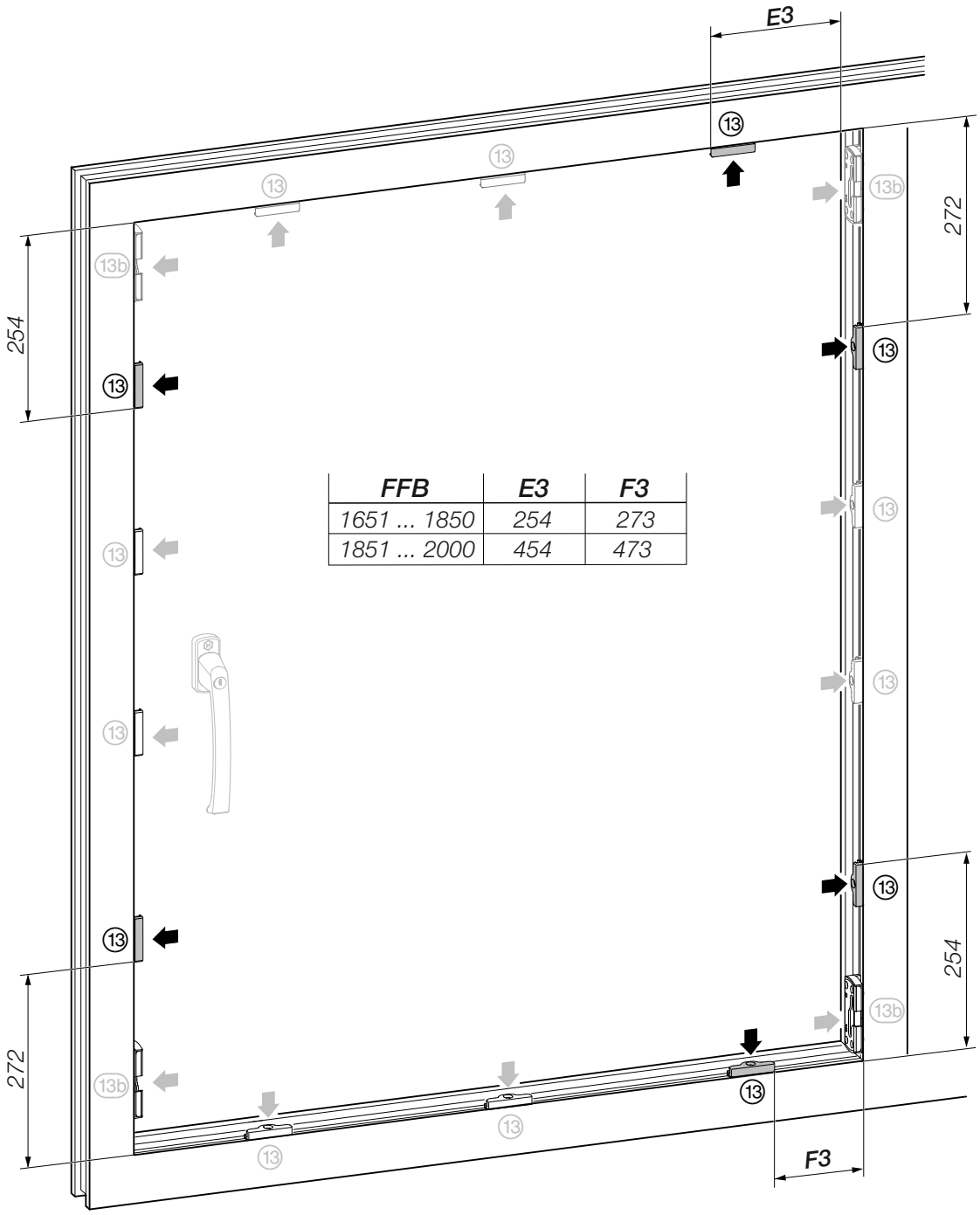
Mounting of strikers

Fix strikers ⑬, according to figure and table below, with screws 3.9 x ….

Note: All measurements mentioned below are valid for 12 mm fittings cavity.

To use:

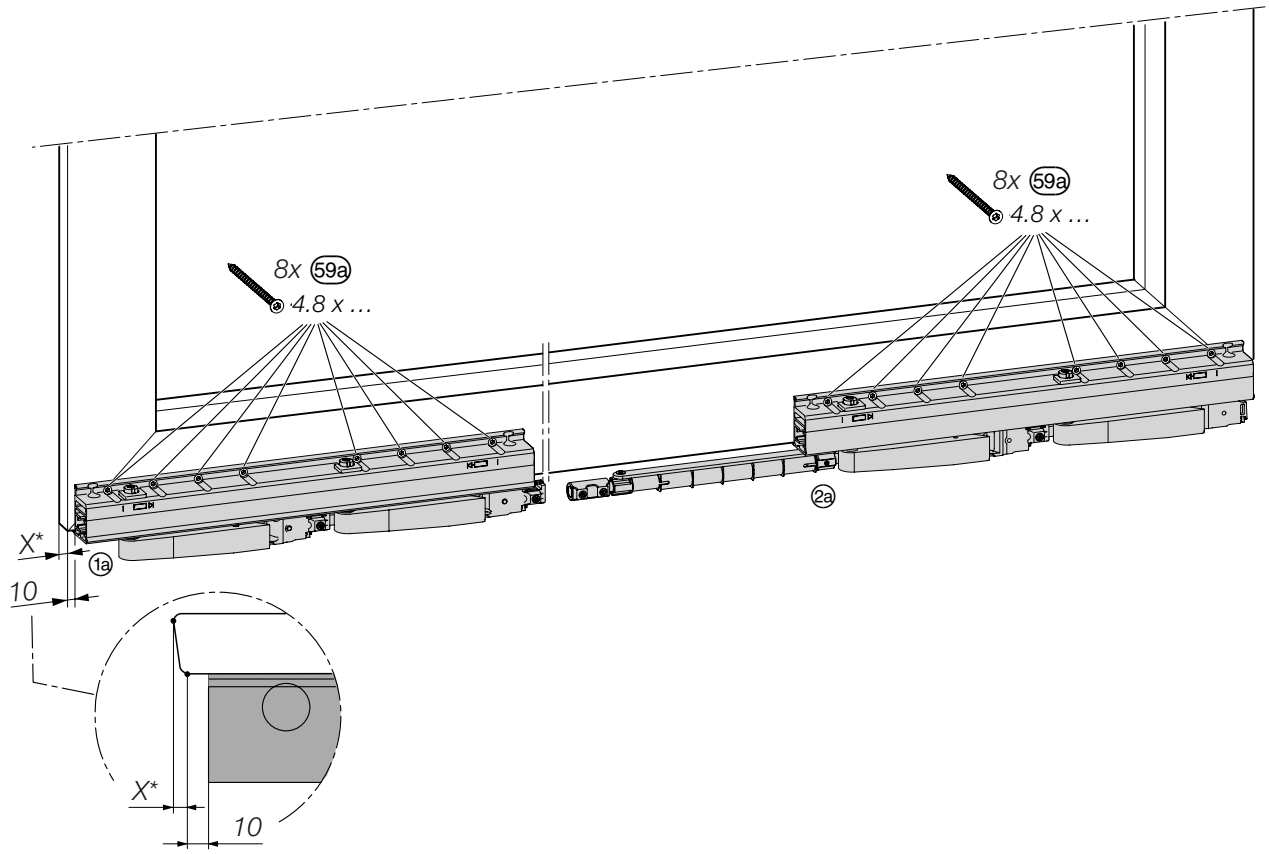
3.9 x ...



FFB	E3	F3
1651 ... 1850	254	273
1851 ... 2000	454	473

Mounting TWIN-bogies

– Tighten TWIN-bogies 1a/2a with 8 screws 4.8 x ….



Horizontal sash alignment

A Check fittings cavity top and bottom on both sides (not shown).

B Remove anti-twist protections.

C Lift bogies (Torx 40) by means of adjusting screws in order to align sash.
Note: If the height of the bogies is set to different levels, the guide block stay system (48a) must be realigned (see page 15 of basic mounting instruction).
The adjusting screws are allowed to be turned out **max. 11 mm**.

⚠ **Attention:** If the adjusting screws are turned out more than 11 mm, the bogies will be destroyed.

The bogies are adjusted equally ex works. For correct alignment of sash, each bogie has to be adjusted at its both adjusting screws equally to avoid tilting.

D Put anti-twist protections on adjusting screws; at first, correct orientation of adjusting screws, if necessary. The anti-twist protections have to be positioned parallel to the outer edge of the bogies.

