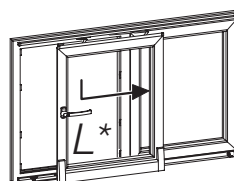
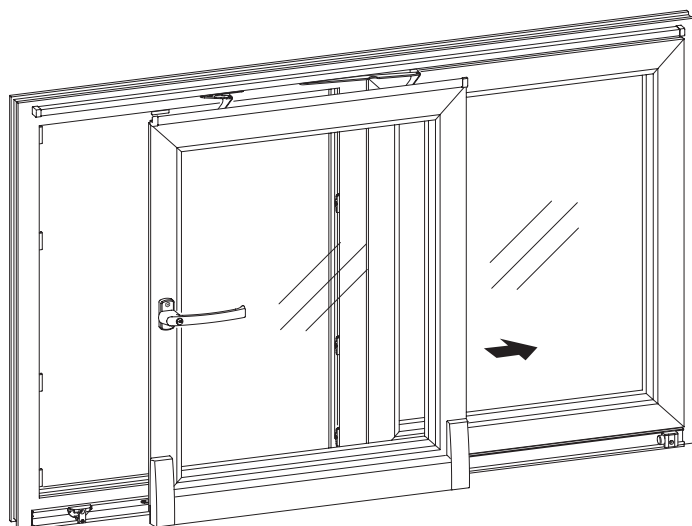


# ATRIUM® SP comfort

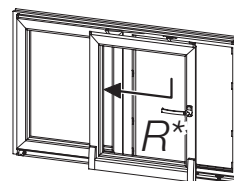
(GB)

## Additional instruction – burglary-resistance version

### RC2 applicable



\* 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.

In these instructions only the additional working steps will be described, which are necessary to mount an element with resistance class 2 (RC2).

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#### Abbreviations

|     |                    |
|-----|--------------------|
| D   | Backset            |
| FFB | Sash rebate width  |
| FFH | Sash rebate height |
| RC2 | Resistance class 2 |





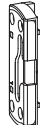

















#### Symbols

|   |   |
|---|---|
|  | Axial spacing 13 mm                             |
|  | Axial spacing 9 mm                              |
|  | Burglary-resistance in closed position          |
|  | Burglary-resistance in night vent position      |
|  | Night vent position without burglary-resistance |

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

# Fittings, milling for gear box, mounting anti-drilling protection

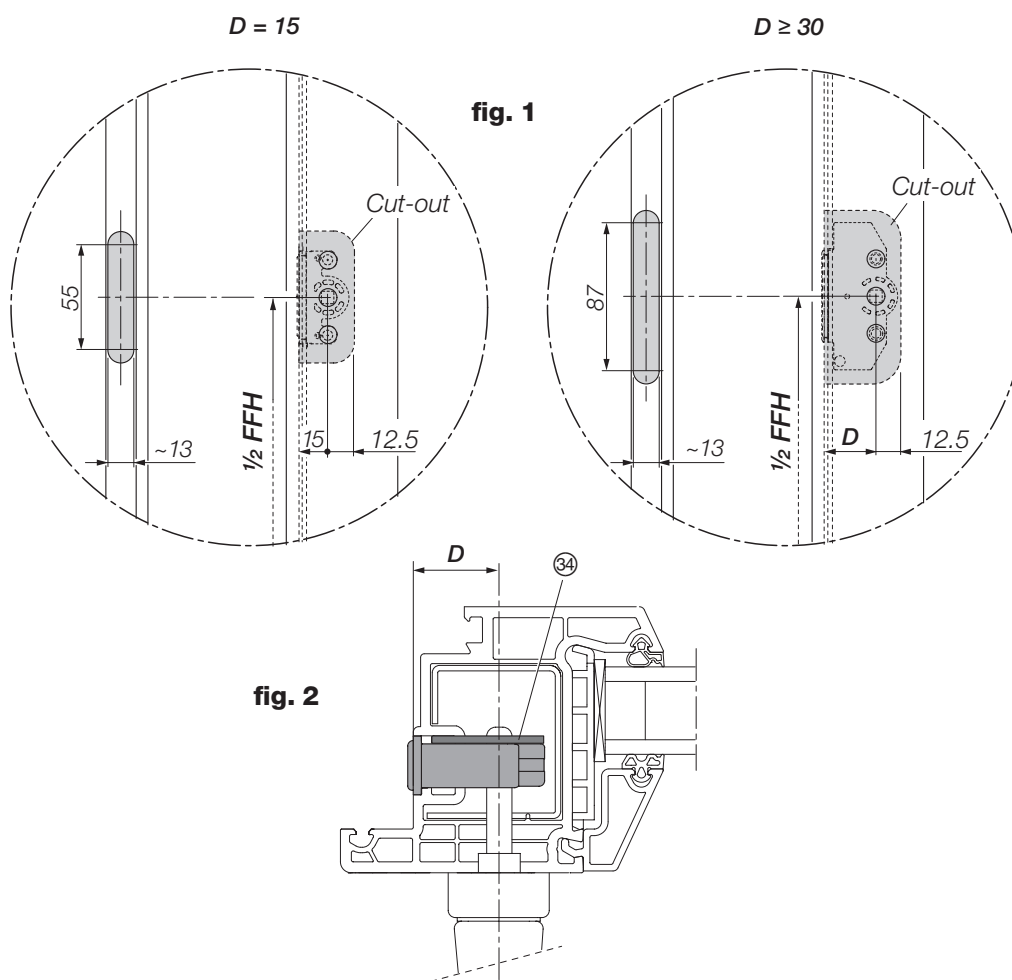
Different parts to basic mounting instruction

|   |   |
|---|---|
| <p><b>(1)</b> A13  </p>  1x 34  4x 90  10x 13b*  1x 10  2x 14  2x M5 x 40 | <p>13b Striker night vent<br/>10 Handle, RC2 applicable (100 Nm) (incl. screws)<br/>14 Security striker<br/>34 Anti-drilling protection<br/>90 Buffer</p> |
| <p><b>(2)</b> A13  </p>  1x 34  4x 90  4x 13b  6x 14*  1x 10  2x M5 x 40   |   |
| <p><b>(3)</b> A13 A9 </p>  1x 34  4x 90  10x 14*  1x 10  2x M5 x 40  | <p>*) In case of FFB &gt; 1250 two additional strikers are required</p>   |

## Milling for gear box and mounting anti-drilling protection

**A** Carry out milling for gear box (fig.1).

**B** Attach anti-drilling protection 34 from outside to the gear box (fig.2).



## Mounting strikers **[1]**

**A13**


### Mounting of strikers

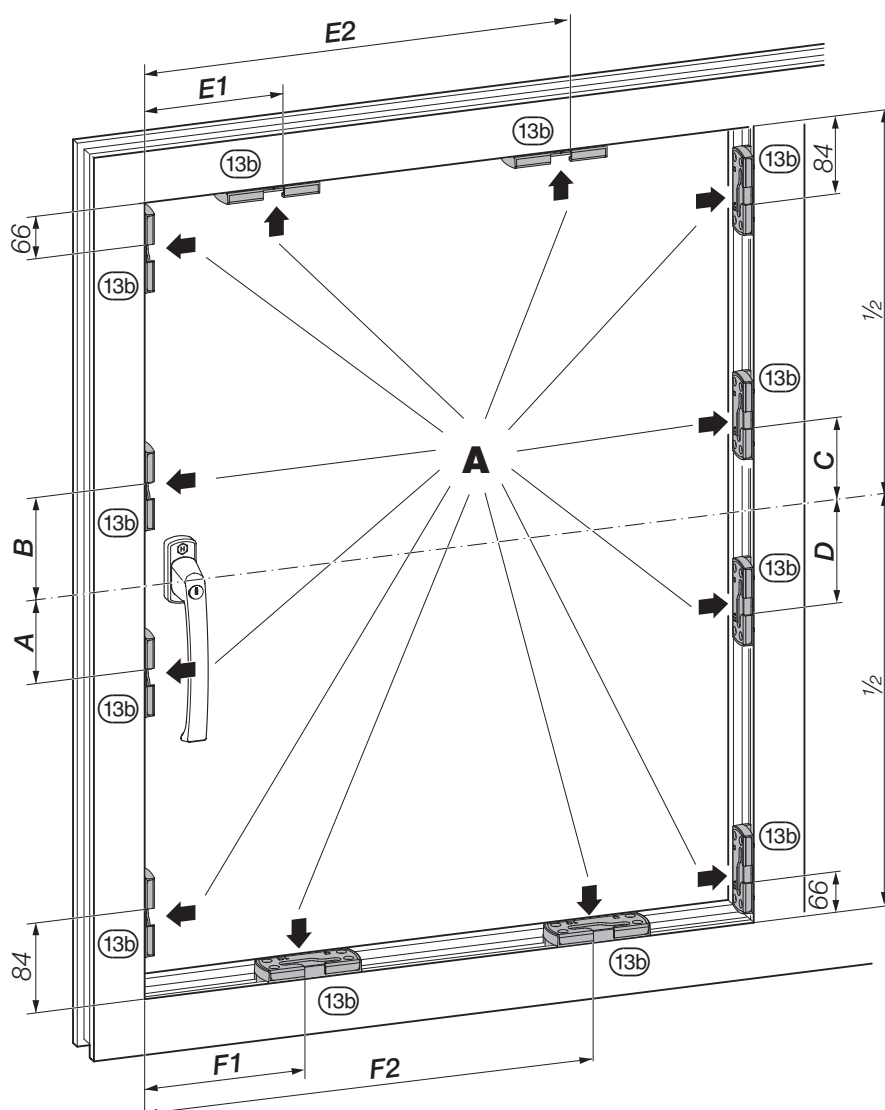
**A** Fix strikers (13b) according to chart. Screw length (**S**) has to be chosen such as to ensure proper fastening in steel reinforcement (**fig. 1**).

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

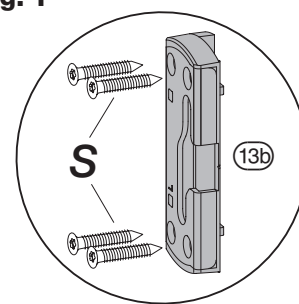
To use:



3.9 x ...



**fig. 1**



| FFH           | A                | B                 | C                | D                 |
|---------------|------------------|-------------------|------------------|-------------------|
| 650 ... 1100  | 90 <sup>1)</sup> | —                 | 90 <sup>1)</sup> | —                 |
| 1000 ... 1450 | —                | 110 <sup>2)</sup> | —                | 110 <sup>2)</sup> |
| 1451 ... 2350 | 309              | 341               | 309              | 341               |

<sup>1)</sup> for gear size 110

<sup>2)</sup> for gear size 140

| FFB           | E1  | E2   | F1  | F2   |
|---------------|-----|------|-----|------|
| 751 ... 900   | 412 | —    | 393 | —    |
| 901 ... 1050  | 504 | —    | 485 | —    |
| 1051 ... 1250 | 654 | —    | 635 | —    |
| 1251 ... 1450 | 304 | 904  | 285 | 885  |
| 1451 ... 1650 | 504 | 1104 | 485 | 1085 |

## Mounting strikers (2)

**A13**


### Mounting of strikers

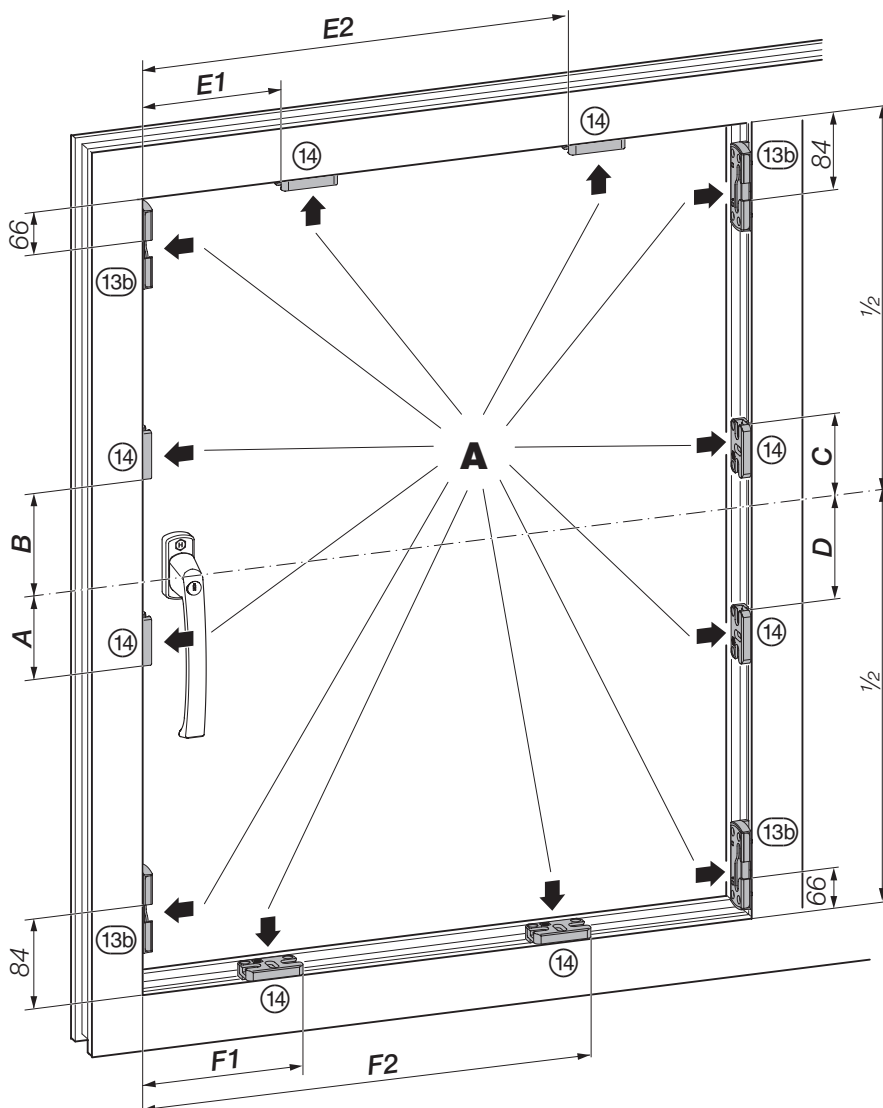
**A** Fix strikers (13b) and (14) according to chart. Screw length (**S**) has to be chosen such as to ensure proper fastening in steel reinforcement (**fig. 1**).

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

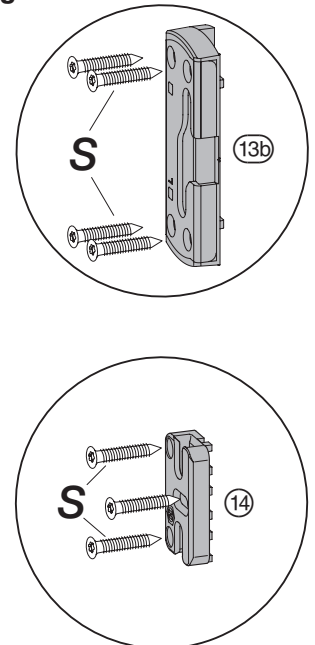
To use:



3.9 x ...



**fig. 1**



| FFH           | A                | B                 | C                | D                 |
|---------------|------------------|-------------------|------------------|-------------------|
| 650 ... 1100  | 90 <sup>1)</sup> | –                 | 90 <sup>1)</sup> | –                 |
| 1000 ... 1450 | –                | 110 <sup>2)</sup> | –                | 110 <sup>2)</sup> |
| 1451 ... 2350 | 309              | 341               | 309              | 341               |

<sup>1)</sup> for gear size 110

<sup>2)</sup> for gear size 140

| FFB           | E1  | E2   | F1  | F2   |
|---------------|-----|------|-----|------|
| 751 ... 900   | 412 | –    | 393 | –    |
| 901 ... 1050  | 504 | –    | 485 | –    |
| 1051 ... 1250 | 654 | –    | 635 | –    |
| 1251 ... 1450 | 304 | 904  | 285 | 885  |
| 1451 ... 1650 | 504 | 1104 | 485 | 1085 |

## Mounting strikers (3)

**A13**
**A9**


### Mounting of strikers

**A** Fix strikers (14) according to chart. Screw length (**S**) has to be chosen such as to ensure proper fastening in steel reinforcement (fig. 1).

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

To use:



3.9 x ...

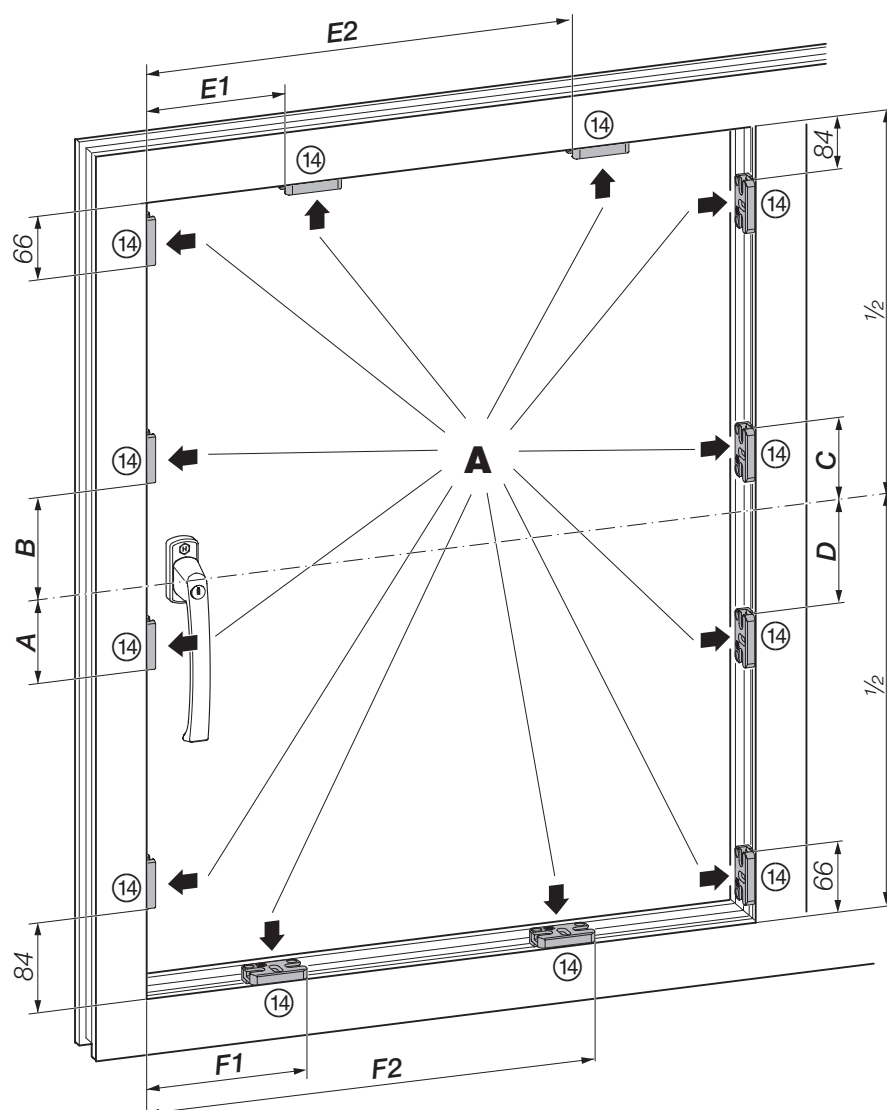
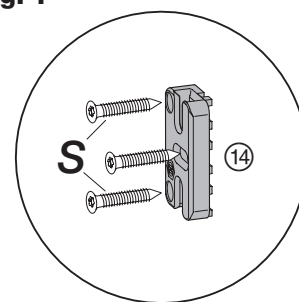


fig. 1



| FFH           | A                | B                 | C                | D                 |
|---------------|------------------|-------------------|------------------|-------------------|
| 650 ... 1100  | 90 <sup>1)</sup> | –                 | 90 <sup>1)</sup> | –                 |
| 1000 ... 1450 | –                | 110 <sup>2)</sup> | –                | 110 <sup>2)</sup> |
| 1451 ... 2350 | 309              | 341               | 309              | 341               |

<sup>1)</sup> for gear size 110

<sup>2)</sup> for gear size 140

| FFB           | E1  | E2   | F1  | F2   |
|---------------|-----|------|-----|------|
| 751 ... 900   | 412 | –    | 393 | –    |
| 901 ... 1050  | 504 | –    | 485 | –    |
| 1051 ... 1250 | 654 | –    | 635 | –    |
| 1251 ... 1450 | 304 | 904  | 285 | 885  |
| 1451 ... 1650 | 504 | 1104 | 485 | 1085 |

## Mounting buffer

A13

A9

### Mounting of buffers

**A** Fix buffers ⑨⑩ (4 pieces) with screws 3.9 x ... through corners ⑪⑫ at the sash (**fig. 1**).

