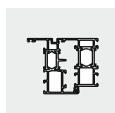
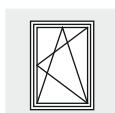


ALU axxent PLUS-DK

Assembly instructions



BD3.5

Single sash concealed square turn and tilt

Aluminium eurogroove 15/20

Chamber dimension 21

Versions A0004/A0006/A0022

Hinge clearance (BD) ≥ 3.5

Mishandling device on the gear (FBS-G)

Vertical tilt point (KPS)

Size range

		Windows	Patio doors
Sash width	(mm)	380 – 1600	380 – 1300
Sash height	(mm)	550 – 2000	2000 – 2400
Sash weight	(kg)	max. 100/130	max. 100/130

The following application diagrams are valid:

-max. 100 kg

document Nr.: H58.AWDLS012EN

-max. 130 kg

document Nr.: H58.AWDLS013EN

Opening angle:

- $\leq 110^\circ$

The following documentation is required:

-Profile information ALU20

document Nr.: H45.ALUS001EN

-ALU axxent PLUS-DK/TBT assembly instructions

document Nr.: H39.axntLS001EN

-ALU Maintenance instructions

document Nr.: H49.ALUS001EN

-ALU Service instructions

document Nr.: H47.ALUS001EN

-ALU Operating instructions

document Nr.: H47.ALUS002EN

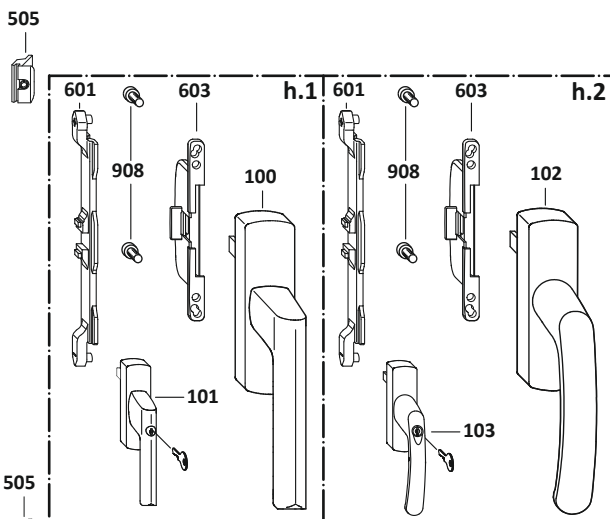
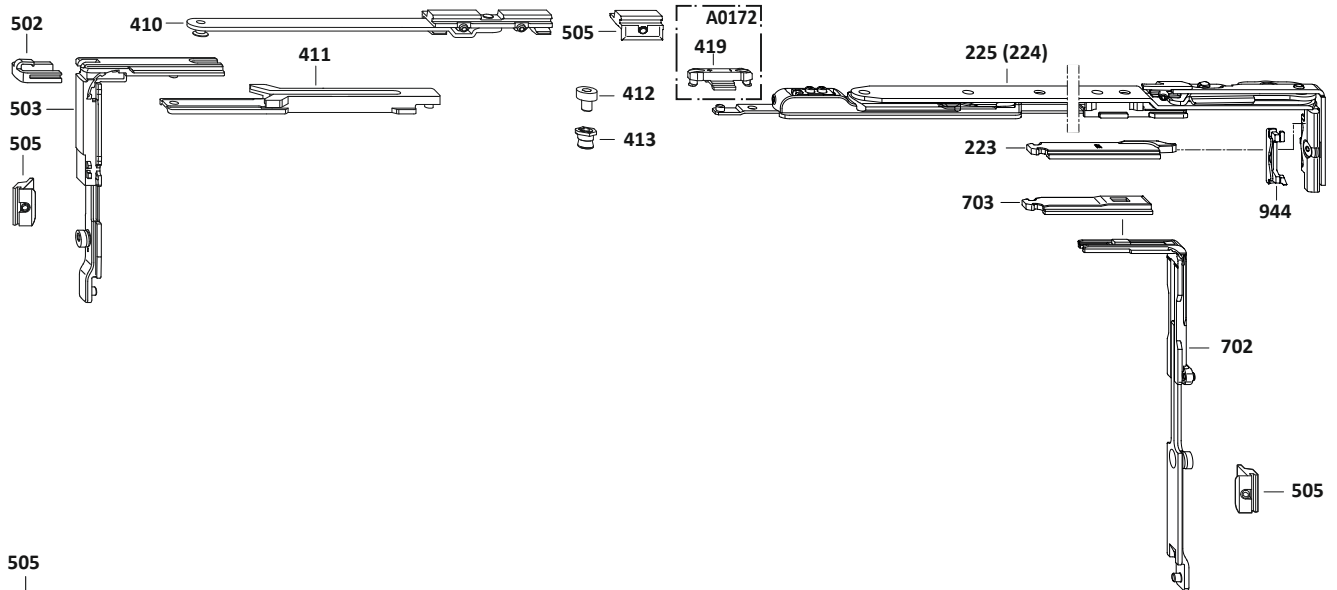
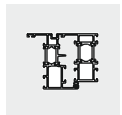
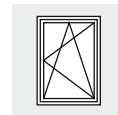
Please observe:

Guidelines/notes on the product and on liability (VHBH directive as well as the further applicable documents)!

Specifications from the profile manufacturers or system owners for windows and patio doors!

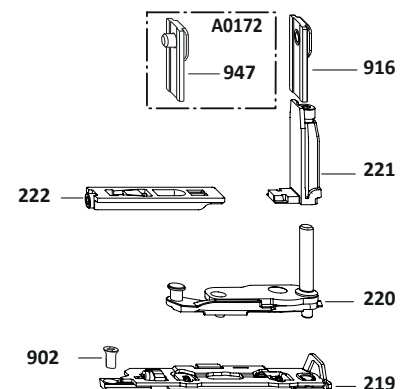
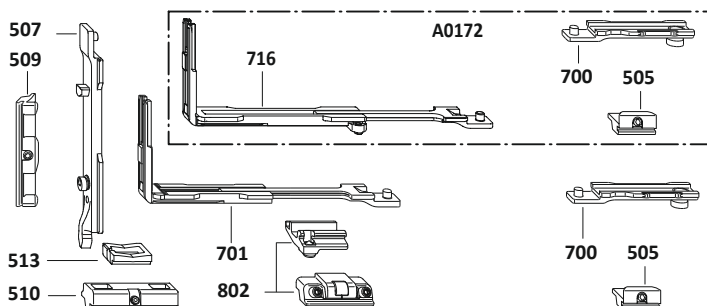
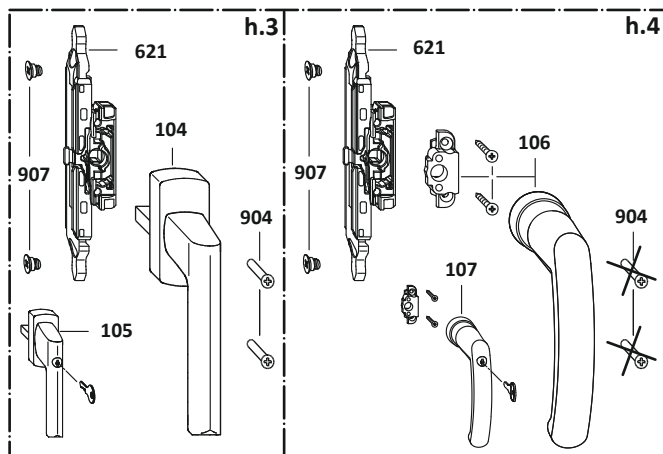
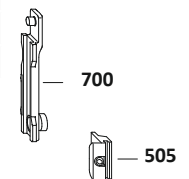


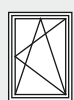
See SIEGENIA download portal for all documentation!



Torque and tooling information

Items	Nm (± 0.25)	
224, 225, 702, 716	2.5	⬡ 2.5
219	3.0	⬡ 2.5
410, 505, 509, 510, 802	1.5	⬡ 2.5
908, 916, 947	2.5	⬡ 4
412	4	⬡ 4
902, 904, 907	2.7	⬡ PZ2
106, 107	2.5	⬡ PH2





Assembly and installation instructions

Single sash square turn and tilt
Hinge side ALU axxent PLUS

ALU axxent PLUS

FBS-G

Assembly of the bottom hinge (219) at BSU (fig. 1)



Note: grease bottom hinge (219) before hanging the sash!

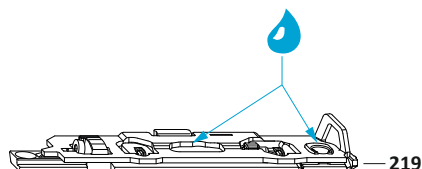


Fig. 1

Assembly of the corner drive VSU A0172 (item 716) to the VSU (fig. 5)



Note: use for sunken sash groove from a width > 13.5 mm (fig. 1) "MV ALU-DK/TBT A0172"!

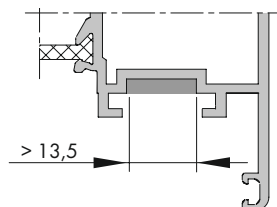


Fig. 4



Note: for recessed sash groove (A0172) 15 mm and a recess from -0.5 mm to -3 mm (fig. 2) use "Accessory set ALU axxent PLUS A0172" (item 902 and item 947)!

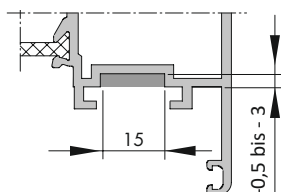
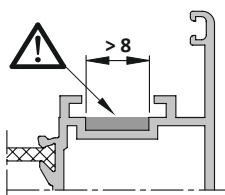
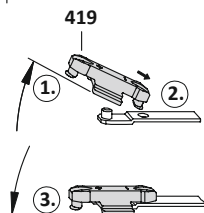


Fig. 2

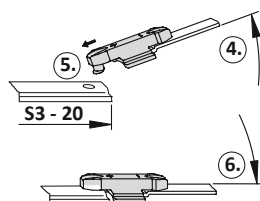
Assembly instructions for MV stay striker (item 419) with top stay size 2 RH/LH ALU axxent PLUS and operating rod S3 (fig.3).



Note: With recessed sash groove (A0172) from FB > 600 mm use MV stay striker (419) with top stay size 2 RH/LH ALU axxent PLUS (observe sequence 1 to 6).



Note: If necessary couple the MV stay striker (419), also for neutral versions, as an additional locking point (as shown in the adjacent figure) with top stay size 2 RH/LH ALU axxent PLUS.



Note: when coupling operating rod S3 with MV stay striker (419) and top stay size 2 RH/LH ALU axxent PLUS, shorten operating rod S3 by 20 mm.

Fig. 3

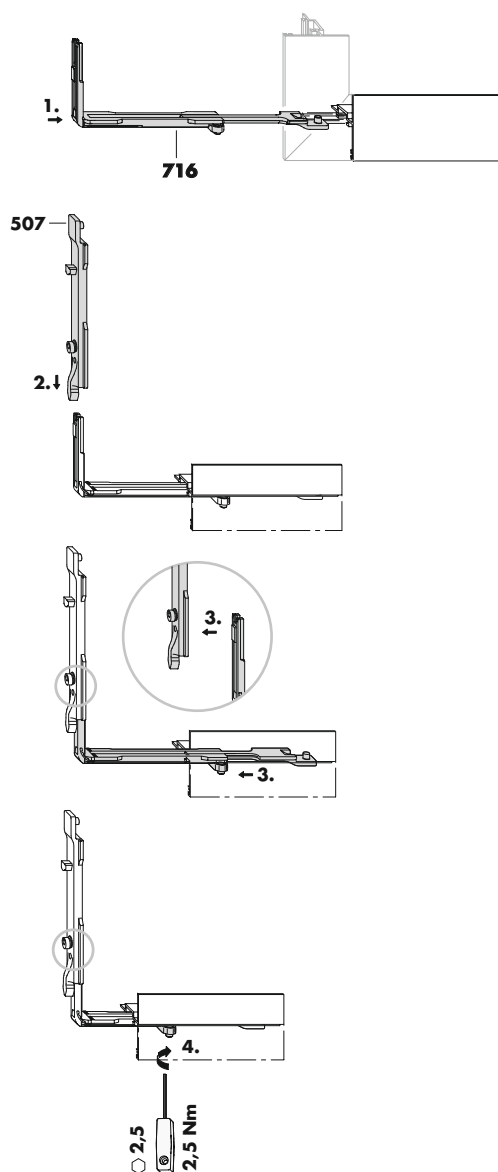


Fig. 5



ALU axxent PLUS-DK/TBT assembly instructions see Document Nr.: H39.axntLS001EN

ASSEMBLY INSTRUCTIONS

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ALU

axxent PLUS

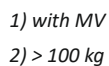
Assembly and disassembly instructions:
ALU axxent PLUS-DK/TBT

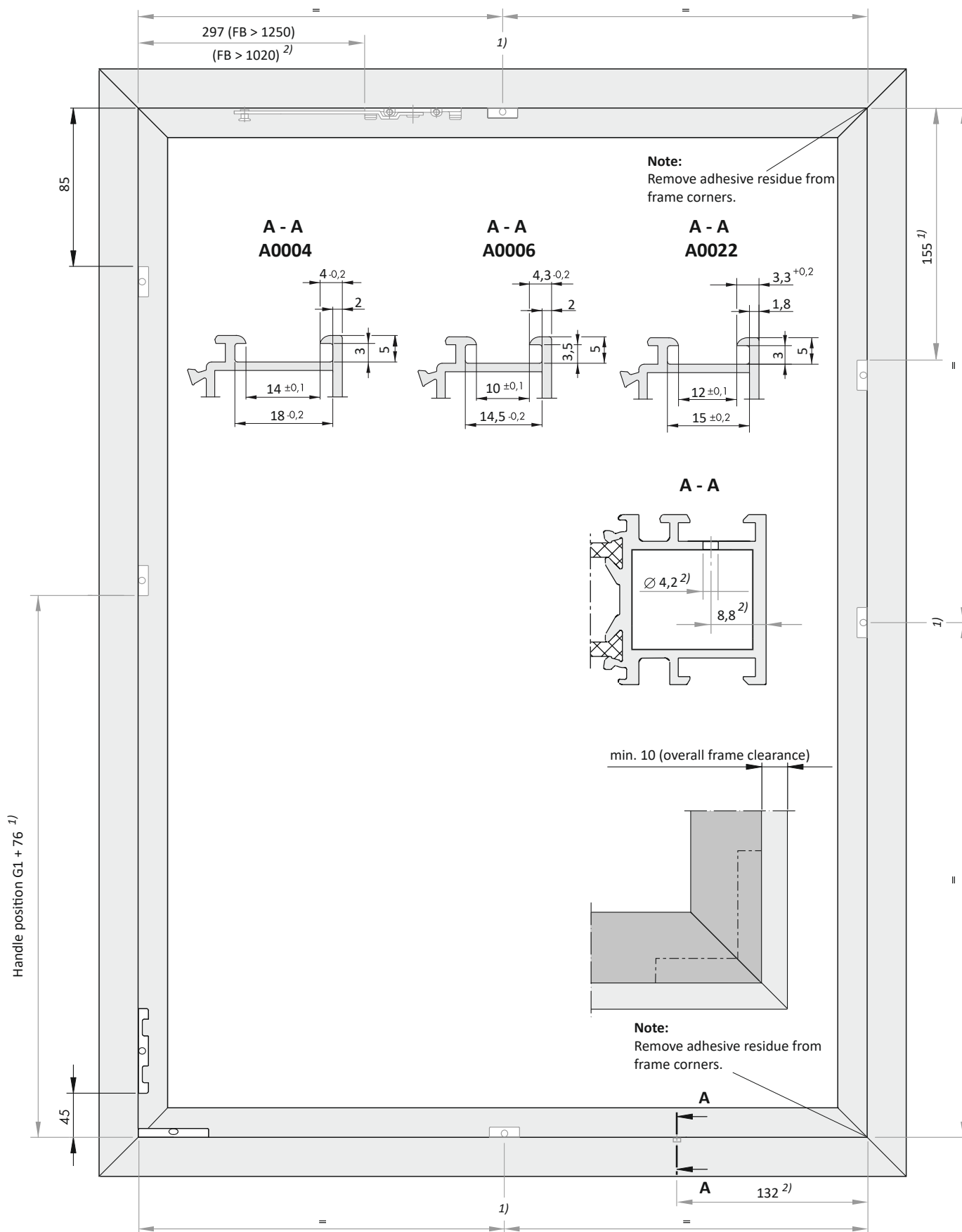
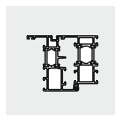
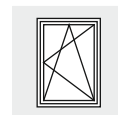
Window systems
Door systems
Comfort systems

**FBS-G**
$$\begin{aligned} S3 &= FB - 353 \quad (FB \leq 600) \\ &= FB - 544 \quad (FB > 600) \\ &= FB - 702 \quad (FB > 1250) \\ &= FB - 702 \quad (FB > 1020) \end{aligned} \quad 2)$$

2

Positioning the top stay!





1) with MV

2) > 100 kg