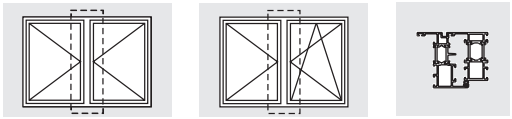
ALU secondary sash locking sides

Assembly instructions ALU DS



2-sash square turn / turn-only

2-sash square turn / turn and tilt

Aluminium eurogroove 15/20

Chamber dimension 21

For vertical tilt point (KPS)

Size range

		min.	max.
Sash width primary sash (FB 1)	(mm)	...[1)]	1250
Sash width secondary sash (FB 2)	(mm)	...[1)]	1250
Sash height	(mm)	680	2400
For fitting programmes: ALU 2200, ALU 5100, ALU 5200, ALU axxent PLUS, ALU D300	The size ranges and diagrams for the relevant fitting programmes are applicable!		

1) hardware-dependent
observe side ratio sash width (FB) to sash height (FH) ≤ 1.5 or ≤ 1.2 (only ALU D300)!

The following documentation is required:

-profile information ALU20	Document Nr. H45.ALUS001EN
-assembly instructions ALU 2200-DK/D	Document Nr. H48.2200LS003EN
-assembly instructions ALU 5100-D	Document Nr. H48.5100LS005EN
-assembly instructions ALU 5200-D BD 3,5	Document Nr. H48.5200LS005EN
-assembly instructions ALU 5200-D BD 5	Document Nr. H48.5200LS010EN
-assembly instructions ALU axxent PLUS-D	Document Nr. H48.axntLS018EN
-assembly instructions ALU D300	Document Nr. H48.300LS001EN

See page 5 for further information.

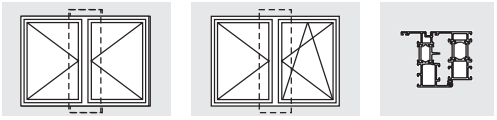
please observe:

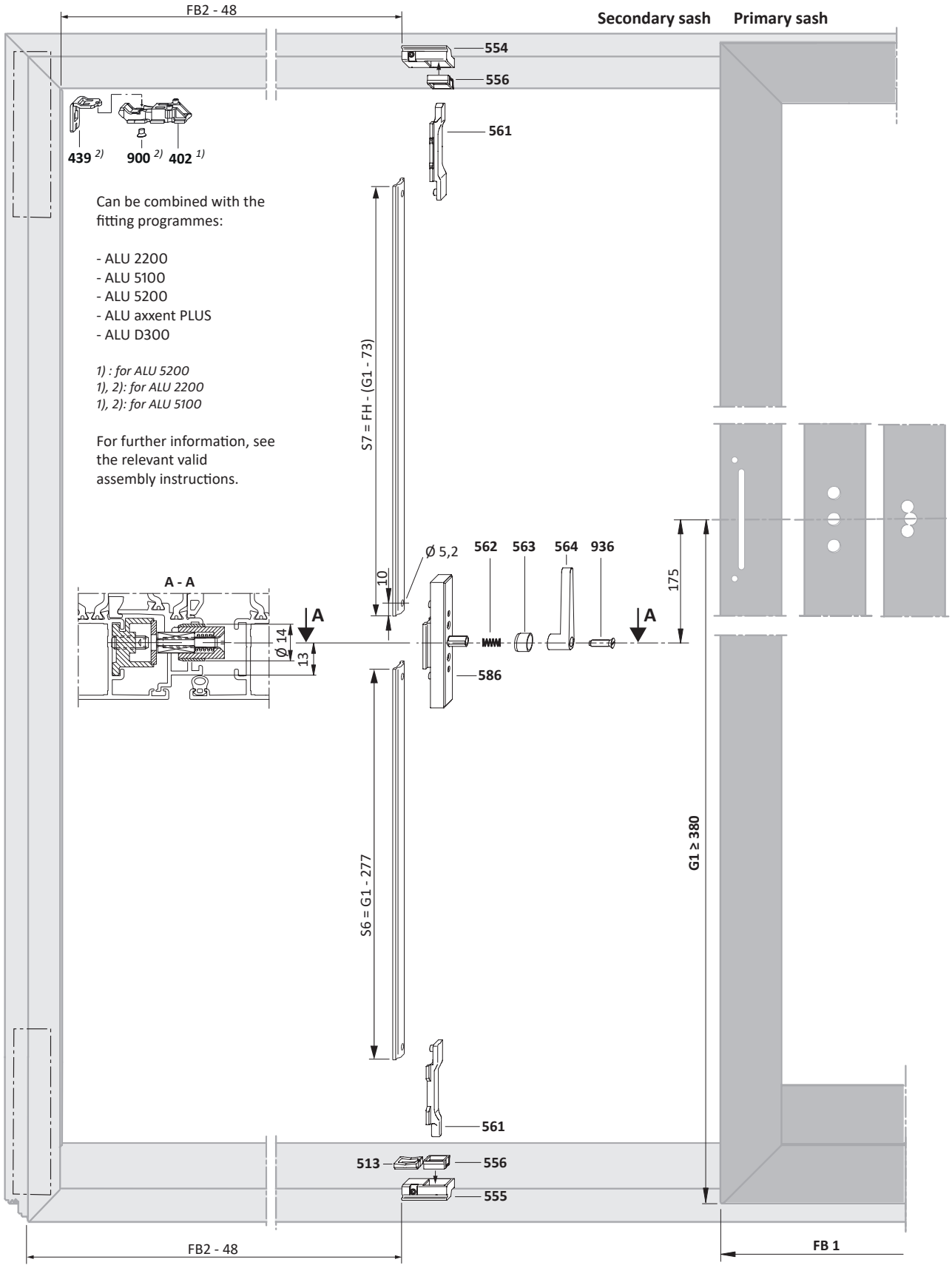
guidelines/notes on the product and on liability (VHBH directive as well as the further applicable documents)! Specifications from the profile manufacturers or system owners for windows and patio doors!

See SIEGENIA download portal for all documentation!

Hardware overview

2-sash square turn/turn only; turn and tilt
Locking sides ALU





Torque and tooling information

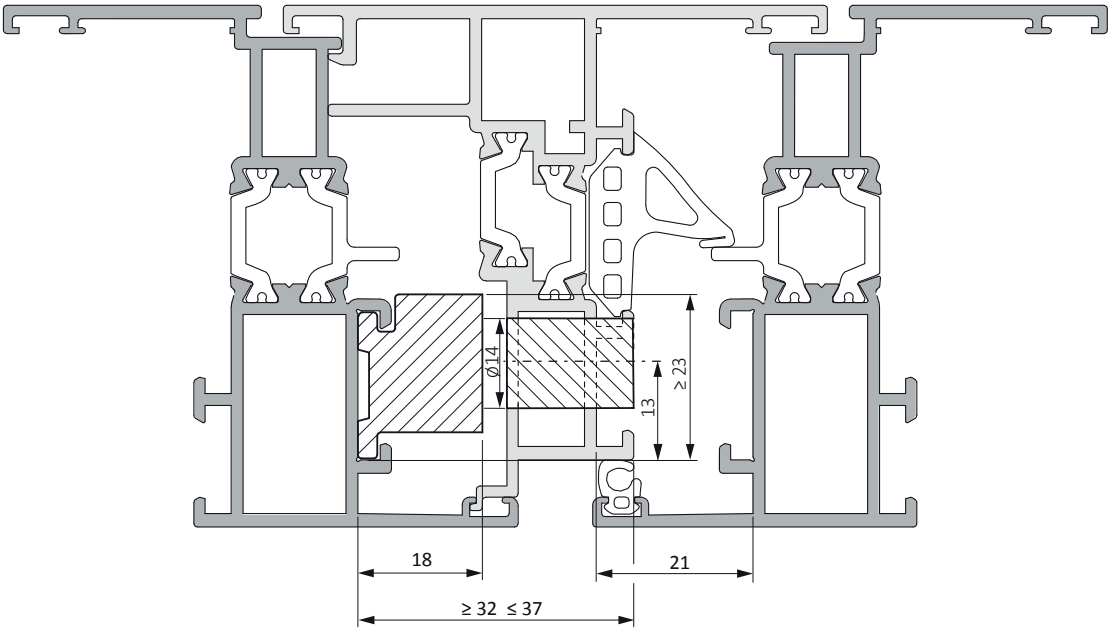
Items	Nm (± 0.25)	
402, 554, 555, 586	1.5	⬡ 2.5
900	2.5	⬡ 2.5
936	2.5	B5

	Item	Pieces	Material description		Material number	VE	Material number	VE
	Without positioning		**Hinge side ALU 2200**					
			Hinge side ALU 5100-D					
			Hinge side ALU 5200-D					
			Hinge side ALU axxent PLUS D LH/RH					
			Hinge side ALU D300					
		0...1	**VS ALU DS A0109**	*only use with BS ALU axxent PLUS and ALU 300D*	**879368**	**1**	**266885**	**20**
	513	1	Run-up block RAL 7001					
	554	1	Striker DS RH					
	555	1	Striker DS LH					
	556	2	Pressure piece					
	561	2	Deadbolt					
	562	1	Pressure spring					
	563	1	PVC bushing					
	564	1	Handle					
	586	1	Secondary sash gear					
	936	1	Countersunk screw M4 x 16					
		0...1	**VS ALU DS**	*only use with BS ALU 2200, ALU 5100 and ALU 5200*	**857038**	**1**	**246962**	**20**
	402	1	Stay ALU 2200/5100-D/5200-D					
	513	1	Run-up block RAL 7001					
	554	1	Striker DS RH					
	555	1	Striker DS LH					
	556	2	Pressure piece					
	561	2	Deadbolt					
	562	1	Pressure spring					
	563	1	PVC bushing					
	564	1	Handle					
	586	1	Secondary sash gear					
	936	1	Countersunk screw M4 x 16					
		0...1	**Accessories for turn only sash stay ALU 2200/5100**	*only use additionally for ALU 2200 and ALU 5100* [1)]	**MZBS0040-00001_**	**1**	**MZBS0040-00003_**	**20**
	439	1	Adapter ALU 2200/5100-D					
	900	1	Countersunk screw M5 x 7					

1) For further information, see the relevant valid assembly instructions.

Profile recommendation, adjustments

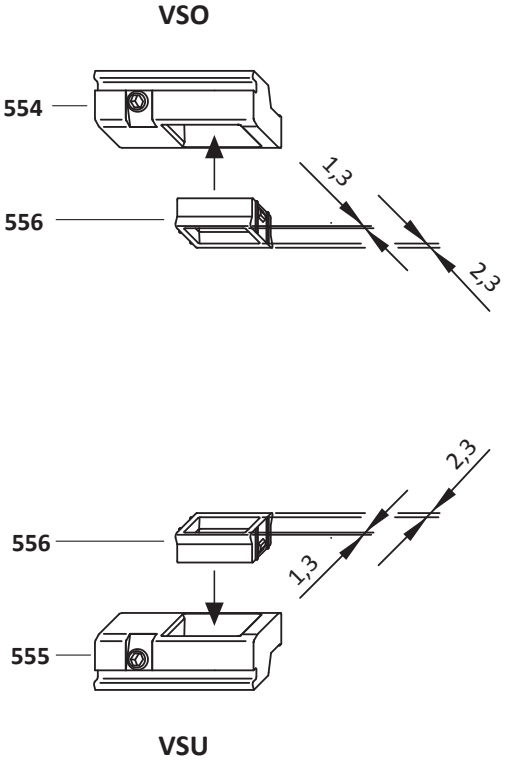
2-sash square turn/turn only; turn and tilt
Locking sides ALU



Required space item **586**:
18 x 105 mm

Required space item **563+564**:
Ø 14 mm

Adjustable compression of the pressure pieces (556) + 1 mm



Pressure increase for secondary sash:

adjustment by means of pressure piece (item **556**) in striker DS RH/LH (item **554/555**) approx. + 1.0 mm.

Profile information ALU20
see Document Nr.: H45.ALUS001EN

ALU axxent PLUS-D/DS assembly instructions
see Document Nr.: H39.axntLS002EN

Profile information ALU20



Aluminium eurogroove 15/20
Chamber dimension 21
Sash dimensions
Operating rod dimensions
Frame groove size A0004/A0006/A0022
Pivots

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!

The defined dimensions are final dimensions after the surface treatment of the profiles e.g. painted, powder coated etc.!



ALU maintenance instructions
see Document Nr.: H49.ALUS001EN

ALU service instructions
see Document Nr.: H47.ALUS001EN



