

Tilt + turn systems

ALU axxent PLUS

focus on essence

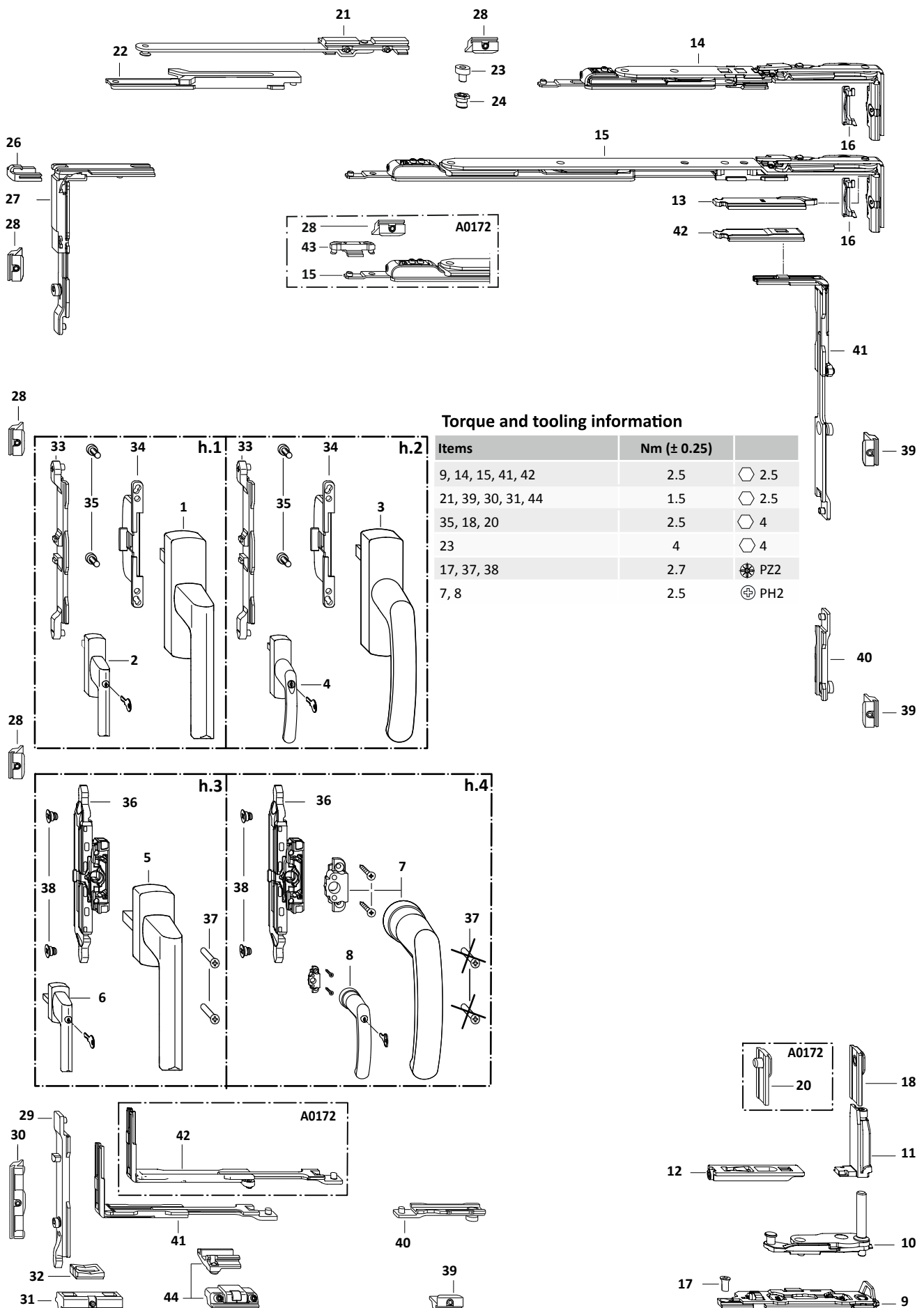
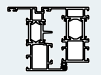
Benefits for fabricators:

- Sash weights of up to 150 kg can be achieved
- Reduced assembly times due to optimised installation technology and a high degree of pre-assembly
- 3D adjustability for compensating production and assembly tolerances
- Also suitable for extremely narrow window widths of only 170 mm in turning sashes and 380 mm in turn-and-tilt sashes

Benefits for architects and users:

- 150 kg load capacity creates great security reserves and supports safe operation throughout the entire life of the window
- Non-rusting materials provide a durably protected surface and ensure a long service life of the window
- Burglar resistance - for a safe home
- Very narrow profiles and large glass surfaces due to completely concealed hardware technology
- Also suitable for extremely narrow window widths of only 170 mm in turning sashes and 380 mm in turn-and-tilt sashes



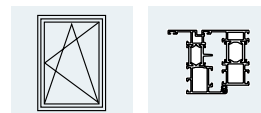


ALU axxent PLUS

FBS-G

hardware list

Single sash square turn and tilt
Hinge side ALU axxent PLUS



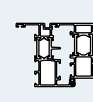
	drawing number	quantity	description		Part number	P/U	Part number	P/U	
h.1	1	1	ALU Si-line handle		See assembly instructions ALU handle overview in the SIEGENIA download portal				
	2		ALU Si-line lockable handle						
h.2	3		ALU Globe handle						
	4		ALU GLOBE lockable handle						
h.3	5		TITAN handle		□ 7 mm x 25 mm, cam Ø 10 mm				
	6		TITAN lockable handle		only use in combination with gear set				
h.4	7		ALU Globe RR handle		See assembly instructions Handle ALU Globe RR in the SIEGENIA download portal				
	8		ALU Globe RR lockable handle						
		1	BS ALU axxent PLUS-DK A0004 RH size 1	FB 600 ≤100 kg	MMBS0281-10001_	1	MMBS0281-10002_	10	
					A0004 LH size 1	MMBS0282-10001_	1	MMBS0282-10002_	10
			A0004 RH size 2	FB > 600	MMBS0311-10001_	1	MMBS0311-10002_	10	
					A0004 LH size 2	MMBS0312-10001_	1	MMBS0312-10002_	10
			A0006 RH size 1	FB 600 ≤100 kg	MMBS0291-10001_	1	MMBS0291-10002_	10	
					A0006 LH size 1	MMBS0292-10001_	1	MMBS0292-10002_	10
			A0006 RH size 2	FB > 600	MMBS0321-10001_	1	MMBS0321-10002_	10	
					A0006 LH size 2	MMBS0322-10001_	1	MMBS0322-10002_	10
	9	1	Bottom hinge right/left ALU axxent PLUS	(Installation frame)					
	10	1	Bottom hinge right/left ALU axxent PLUS	(Installation sash)					
	11	1	Sash hinge BSU right/left ALU axxent PLUS						
	12	1	Guiding piece BSU ALU axxent PLUS						
	13	1	Deadbolt BS0 right/left ALU axxent PLUS	(omitted for MV) (replacement by item 703)					
	14	0...1	Top stay size 1 right/left ALU axxent PLUS-DK						
	15	0...1	Top stay size 2 right/left ALU axxent PLUS-DK						
	16	0...1	Accessory set ALU axxent PLUS A0022	Only use in combination with BS ALU axxent PLUS A0006	MZBS0180-10001_	1	MZBS0180-10006_	100	
		0...1	Accessory set ALU axxent PLUS	> 100 kg	-	-	MZBS0130-00003_	20	
	17	1	Countersunk screw M5 x 13						
	18	1	Long stop						
		0...1	Accessory set ALU axxent PLUS A0172	> 100 kg with recessed sash groove -0.5 to - 3 (see page 4, fig. 2)	-	-	MZBS0190-00003_	20	
	17	1	Countersunk screw M5 x 13						
	20	1	Stop A0172						
		0...1	ALU additional stay	FB > 1250 FB > 1020 >100 kg	857076	1	247006	10	
	21	1	Additional stay						
	22	1	Striker plate						
	23	1	Locking cam						
	24	1	Eccentric rivet						
		1	ALU DK FBS-G KPS locking side		MMVS0250-10001_	1	MMVS0250-10003_	20	
		1	Locking bolt DK (not required)						
	26	1	Clamping piece EUL						
	27	1	VSO corner drive						
	28	1	Striker						
	29	1	Tilt lock cam 10						
	30	1	E striker cam 10						
	31	1	Tilt locking part						
	32	1	Run-up block						
h.1 h.2		0...1	Coupling set ALU FBS-G	Y ≥ 9 < 10	(Only use in combination with h.1/h.2)(see page 4 for note on rebate height (USH) and for dimension Y)	MMKL0030-10001_	1	MMKL0030-10003_	20
				Y ≥ 10		MMKL0010-10001_	1	MMKL0010-10003_	20
	33	1	Coupling bracket						
	34	1	Anti-mishandling device						
	35	2	Cheese head screw M5 x 12						

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	drawing number	quantity	description		Part number	P/U	Part number	P/U
h.3 h.4		0...1	Gear set ALU FBS-G	(Only use in combination with H3/H4) (see document Nr. H48. ZubhLS005en)	MMGI0080-10001_	1	MMGI0080-10003_	20
	36	1	ESG M6 FBS					
	37	2	Countersunk screw M5 x 35					
	38	2	Coupling screw M6					
depending on system		0...1	MV ALU-VS/BS axxent PLUS	Sash height > 1250	MMM00060-10001_	1	MMM00060-10003_	20
	39	3	Striker					
	40	1	Slider					
	41	1	Corner drive axxent BSO ALU axxent PLUS					
	42	1	Coupling piece BSO MV ALU axxent PLUS					
		0...2	MV ALU-DK/TBT (VSU)	FB > 1250	857045	1	246979	20
	43	2	Striker					
	40	1	Slider					
Recessed groove dependent on system		0...2	MV ALU-DK/TBT A0172	FB > 1250 with sunken sash groove from a width > 13.5 (see page 4, fig. 1)	MMM00050-10001_	1	MMM00050-10003_	20
	39	2	Striker					
	40	1	Slider					
	42	1	Corner drive VSU/BSO A0172					
	43	0...1	MV stay striker	FB > 600 only use with top stay size 2 RH/LH ALU axxent PLUS-DK (225) and striker (505) (see pg. 5).	MXSK0010-10001_	1	MXSK0010-10003_	20
Accessories								
	44	0...1	Sash lifter ALU	(see drawing no. H48. ZubhLS014en)	MMFH0010-0001_	1	MMFH0010-10003_	20
	45	0...1	ALU handle support	Only use for h.1/h.2	-	-	(see table)	200
	-	0...1	Sash brake ALU axxent PLUS short	FB > 600 ≤1000 (see H48.ZubhLS017en)	MSBR0150-10001_	1	MSBR0150-10005_	50
	-	0...1	Sash brake ALU long	FB > 1000 ≤1600 (see H48.ZubhLS017en)	MSBR0120-10001_	1	MSBR0120-10005_	50
	-	0...1	Adjusting piece AV grey (±0.5)	(see ALU maintenance instructions)	-	-	MBDR0030-09705_	50



	drawing number	description		part number	quantity	remark
	1	ALU Handle	silver	NHSS0050-5K7020	1	color optional
			white	NHSS0050-504020	1	
			brown	NHSS0050-533020	1	
			black	NHSS0050-523020	1	
			titan matt dark	NHSS0050-535020	1	
	2-8	right	-	MMBS8191-100020	1	BS
		left	-	MMBS8192-100020	1	
	9	left	-	MCSX0010-100070	1	used in sash width >700mm
	10-17	locking sides	ALU corner drive	220603	1	
			LM striker	266533	1	
			coupling bracket	MFKL0040-100060	1	
			handle screw M5-16	NDNA0380-000010	2	
			mishandling device	NFFB0010-100060	1	
			tilt lock	254219	1	
			striker E	254516	1	
			LM tilt locking part	254486	1	
			run up block	254479	1	
	18	concealed connecting block	-	MFKS8000-100150	1	used in sash height >1250mm
	19-22	MV	-	246979	1	
	23-26	bracing HE-3-10	-	CAFA8130-000060	1	optional opening angle