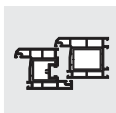
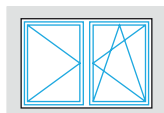


TITAN AF

Installation instructions



GS

2-sash square tilt-turn/turn DS 16

PVC

basic security

fixed handle position

hinge side TITAN

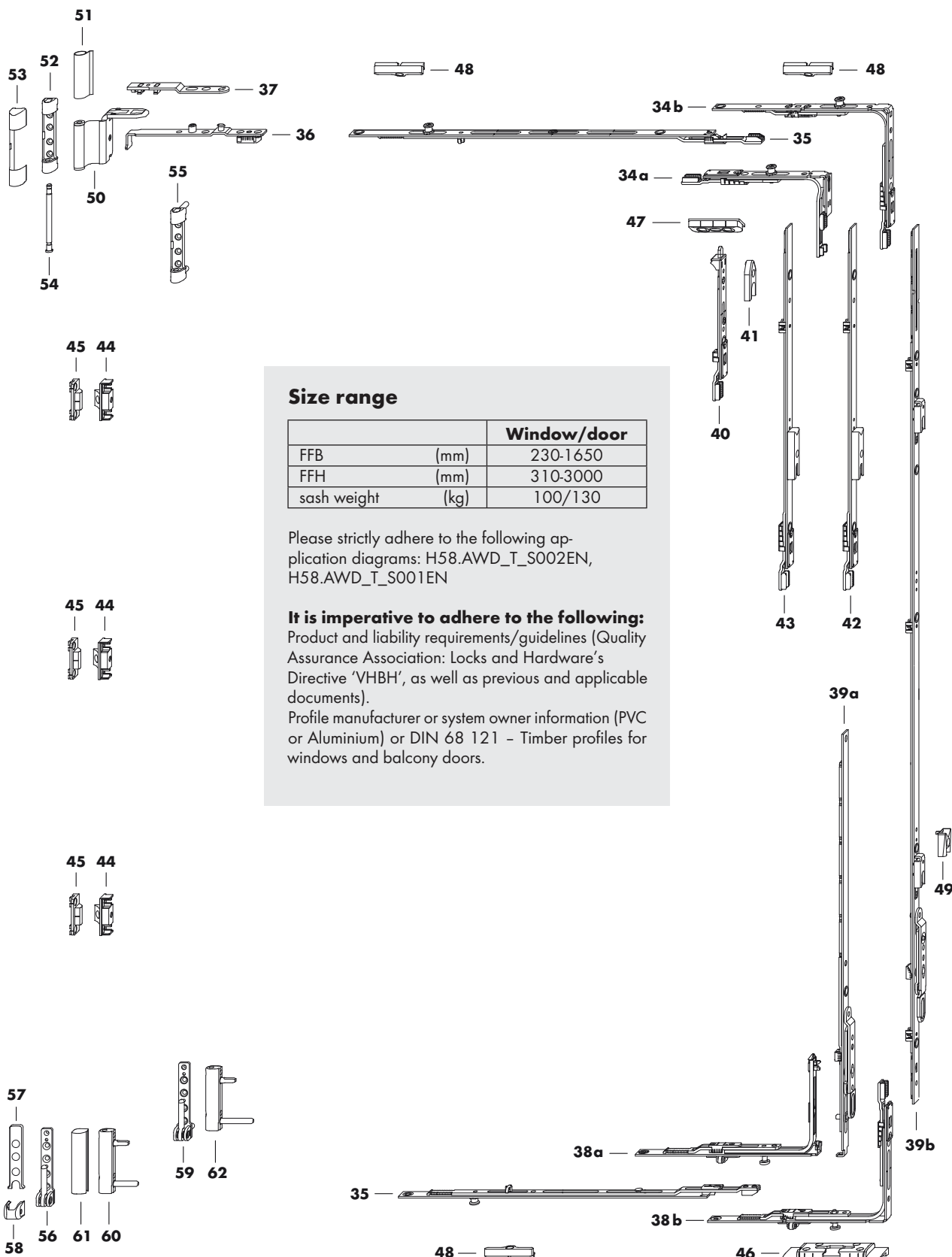
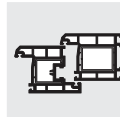
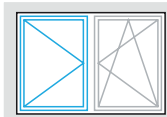
surface TS

backset 15 mm

Hardware set configuration

General	Locking-points distance 800
Stay side	one-piece stay
Bottom	Inliner
Locking side	mishandl. device on gear
Hinge side	corner drive BS sz. 1+2 1RS
Hinge side turning points	Standard

This document was compiled using the SIEGENIA-AUBI hardware software (BEO).

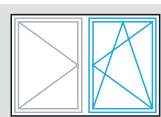
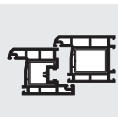

Size range

		Window/door
FFB	(mm)	230-1650
FFH	(mm)	310-3000
sash weight	(kg)	100/130

Please strictly adhere to the following application diagrams: H58.AWD_T_S002EN, H58.AWD_T_S001EN

It is imperative to adhere to the following:
 Product and liability requirements/guidelines (Quality Assurance Association: Locks and Hardware's Directive 'VHBH', as well as previous and applicable documents).

Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 - Timber profiles for windows and balcony doors.

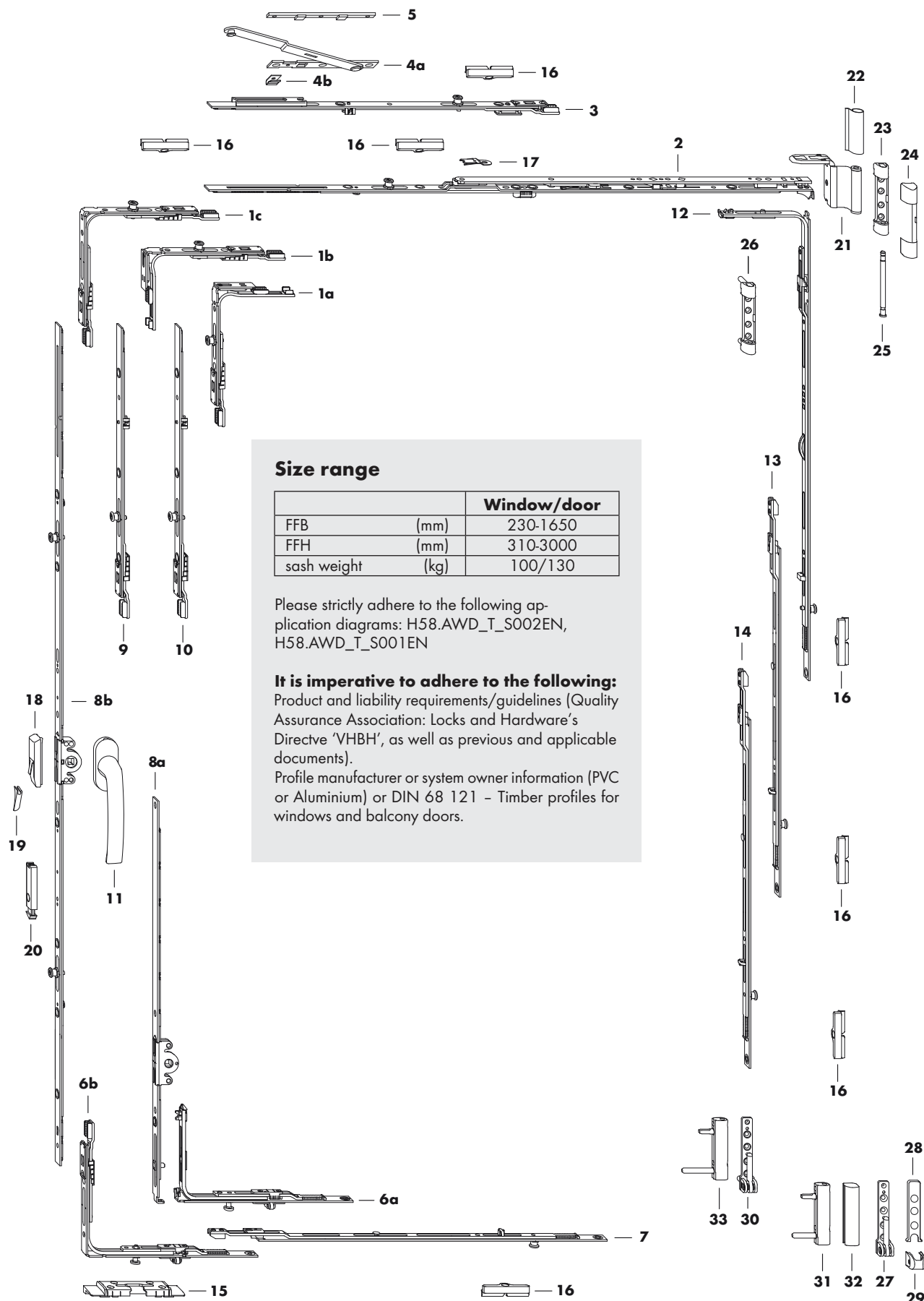


hardware layout main sash

2-sash square tilt-turn/turn DS 16
PVC GK hinge side TITAN

TITAN AF

GS



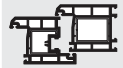
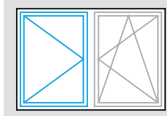
Size range

		Window/door
FFB	(mm)	230-1650
FFH	(mm)	310-3000
sash weight	(kg)	100/130

Please strictly adhere to the following application diagrams: H58.AWD_T_S002EN, H58.AWD_T_S001EN

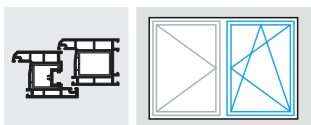
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Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 - Timber profiles for windows and balcony doors.



Pos.	Description	Part number	QTY	FFB	FFH	Dimension G In the main sash	Number of frame parts / Pos.		
							46	47	48
34a	corn.drive AF VSO narrow 1RS	TEUL4020- ...	1	371 - 850	310 - 410				1
34b	corn.drive VSO/K+ DF 1RS	TEUL4110- ...	1	371 - 1650	411 - 3000				1
35	linkage BS/FH sz 1+ 1RS	TZBS0180- ...	2	851 - 1050					2
	linkage BS/FH sz 2+ 1RS	TZBS0190- ...		1051 - 1450					2
	linkage BS/FH sz 3+ 1RS	TZBS0200- ...		1451 - 1650					2
36	stay sash part DF/MN	TSSD0020- ...	1	230 - 1650					
37	stay arm DF	TSAD0010- ...	1	230 - 1650					
38a	locking part VSU/K FH+ 1S	TEVR1400- ...	1	230 - 1650	411 - 800		1		
	locking part VSU/K FH+ 1S	TEVR1400- ...		371 - 850	310 - 410		1		
38b	corn.drive AF VSU/K+ FH 1S	TEUL5010- ...	1	230 - 1650	801 - 3000		1		
39a	sec.sash gear 16 sz 30	TGKS0010- ...	1	371 - 850	310 - 410	180			
	sec.sash gear 16 sz 30	TGKS0010- ...		230 - 1250	411 - 600	180			
	sec.sash gear 16 AF sz 60	TGKS4030- ...			601 - 800	300			
39b	sec.sash gear 16 AF80/G400 1SB	TGKS4050- ...	1		801 - 1000	400			
	sec.sash gear 16 AF sz 100 1SB	TGKS4060- ...			1001 - 1200	500			
	sec.sash gear 16 AF120/G6001SB	TGKS4070- ...			1201 - 1400	600			
	sec.sash gear 16 AF140/G7001SB	TGKS4080- ...			1401 - 1600	700			
	sec.sash gear 16 AF160/G7002SB	TGKS4090- ...			1601 - 1800	700			
	sec.sash gear 16AF180/G10002SB	TGKS4100- ...			1801 - 2000	1000			
	sec.sash gear 16AF200/G10002SB	TGKS4110- ...			2001 - 3000	1000			
40	locking bolt AF VSO RSA 11	TESC2030- ...	1	230 - 370	411 - 3000			1	
41	striker plate A0767	TRSA0010- ...	1	230 - 330	411 - 3000				
42	linkage AF sz 1	TZZS0150- ...	1		2201 - 2400				
	linkage AF sz 2 1SB-RS	TZKS1030- ...			2401 - 2600				
	linkage AF sz 1	TZZS0150- ...			2601 - 2800				
	linkage AF sz 2 1SB-RS	TZKS1030- ...			2801 - 3000				
43	linkage AF sz 2 1SB-RS	TZKS1030- ...	1		2601 - 2800				
	linkage AF sz 2 1SB-RS	TZKS1030- ...			2801 - 3000				
44	sash part MV	Ref. PDB, ZFMV01	1		801 - 1600				
	sash part MV	Ref. PDB, ZFMV01	2		1601 - 2400				
	sash part MV	Ref. PDB, ZFMV01	3		2401 - 3000				
45	frame part MV	Ref. PDB, ZRZM01	1		801 - 1600				
	frame part MV	Ref. PDB, ZRZM01	2		1601 - 2400				
	frame part MV	Ref. PDB, ZRZM01	3		2401 - 3000				
46	tilt lock bear. S-ES FH	Ref. PDB, FRKA							
47	striker V	Ref. PDB, FRZV01							
48	striker plate S 56	Ref. PDB, TRSM							
on request									
49	striker snapper AF A0767	TRST0100- ...	1		1801 - 3000				

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
50	stay hinge DH	Ref. PDB, TBWB61			1	1
51	cover cap W PVC		TKWB0010-004 ...	TKWB0010-012 ...	1	1
52	top hinge 100kg	Ref. PDB, TBSL61			1	
53	cover cap S		TKSL0020-004 ...	TKSL0020-012 ...	1	1
54	top hinge pin Poly	TBSB6020-1 ...			1	1
55	top hinge 130kg	Ref. PDB, TBSL62				1
56	bott hinge 100kg	Ref. PDB, TBEL01			1	
57	cover cap EL O MB		TKEO0010-004 ...	TKEO0010-012 ...	1	1
58	cover cap EL U		TKEU0010-004 ...	TKEU0010-012 ...	1	1
59	bott hinge 130kg	Ref. PDB, TBEL02				1
60	corn hinge PVC100kg	Ref. PDB, TBEB62			1	
61	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
62	corn hinge PVC130kg	Ref. PDB, TBEB63				1



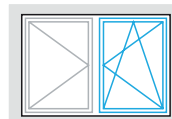
List of fittings main sash

2-sash square tilt-turn/turn DS 16
PVC GK hinge side TITAN

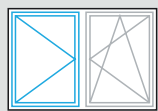
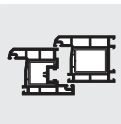
TITAN AF

GS

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							15	16
1a	corn.drive AF VSO narrow 1RS	TEUL4020- ...	1	230 - 330	411 - 3000			
1b	corn.drive AF VSO narrow 1RS	TEUL4020- ...	1	371 - 850	310 - 410			1
1c	corn.drive VSO 1RS	TEUL4010- ...	1	331 - 1650	411 - 3000			1
2	stay AF sz 0	TSKK2000- ...	1	230 - 450				
	stay AF sz 1	TSKK2010- ...		451 - 680				
	stay AF sz 2	TSKK2020- ...		681 - 850				
	stay AF sz 3 1RS	TSKK2030- ...		851 - 1050				1
	stay AF sz 4 1RS	TSKK2040- ...		1051 - 1250				1
	stay AF sz 3 1RS	TSKK2030- ...		1251 - 1450				1
	stay AF sz 4 1RS	TSKK2040- ...		1451 - 1650				1
3	linkage additional stay 1RS	TZOK1010- ...	1	1251 - 1650				1
4	additional stay	Ref. PDB, TSZS	1	1251 - 1650				
5	packer Z	Ref. PDB, FRUP01	1	1251 - 1650				
6a	locking part VSU/K FH+ 1S	TEVR1400- ...	1	230 - 1250	411 - 600		1	
	locking part VSU/K FH+ 1S	TEVR1400- ...		371 - 850	310 - 410		1	
6b	corn.drive AF VSU/K+ FH 1S	TEUL5010- ...	1	230 - 1650	601 - 3000		1	
7	linkage BS/FH sz 1+ 1RS	TZBS0180- ...	1	851 - 1050				1
	linkage BS/FH sz 2+ 1RS	TZBS0190- ...		1051 - 1450				1
	linkage BS/FH sz 3+ 1RS	TZBS0200- ...		1451 - 1650				1
8a	gear 15 sz 30/G180	TGKK3010- ...	1	371 - 850	310 - 410	180		
	gear 15 sz 30/G180	TGKK3010- ...		230 - 1250	411 - 600	180		
8b	gear 15 AF sz 60/G300	TGKK4030- ...	1		601 - 800	300		
	gear 15 AF sz 80/G400 1RS	TGKK4050- ...			801 - 1000	400		
	gear 15 AF sz 100/G500 1RS	TGKK4060- ...			1001 - 1200	500		
	gear 15 AF sz 120/G600 1RS	TGKK4070- ...			1201 - 1400	600		
	gear 15 AF sz 140/G700 1RS	TGKK4080- ...			1401 - 1600	700		
	gear 15 AF sz 160/G700 1RS	TGKK4090- ...			1601 - 1800	700		
	gear 15 AF sz 180/G1000 2RS	TGKK4100- ...			1801 - 2000	1000		
	gear 15 AF sz 200/G1000 2RS	TGKK4110- ...			2001 - 3000	1000		
9	linkage AF sz 1	TZZS0150- ...	1		2201 - 2400			
	linkage KK/AF sz 2 1RS	TZKK1020- ...			2401 - 2600			
	linkage AF sz 1	TZZS0150- ...			2601 - 2800			
	linkage KK/AF sz 2 1RS	TZKK1020- ...			2801 - 3000			
10	linkage KK/AF sz 2 1RS	TZKK1020- ...	1		2601 - 2800			
	linkage KK/AF sz 2 1RS	TZKK1020- ...			2801 - 3000			
11	handle Globe	Ref.access. ZHGS	1		310 - 3000			
12	corn.drive BS/K3 sz 1+ 1RS	TEUL2410- ...	1		801 - 1200			1
	corn.drive BS/K3 sz 2+ 1RS	TEUL2420- ...			1201 - 3000			1
13	linkage BS/FH sz 1+ 1RS	TZBS0180- ...	1		1401 - 1600			1
	linkage BS/FH sz 2+ 1RS	TZBS0190- ...			1601 - 2000			1
	linkage BS/FH sz 3+ 1RS	TZBS0200- ...			2001 - 3000			1
14	linkage BS/FH sz 1+ 1RS	TZBS0180- ...	1		2401 - 2600			1
	linkage BS/FH sz 2+ 1RS	TZBS0190- ...			2601 - 2800			1
	linkage BS/FH sz 3+ 1RS	TZBS0200- ...			2801 - 3000			1
15	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
16	striker plate S 56	Ref. PDB, TRSM						
on request								
17	tilt restrictor	TFKB0010- ...	1		310 - 800			
18	mishandling device	TFBS0010- ...	1		601 - 3000			
19	pressure piece	Ref. PDB, TFFD	1		601 - 3000			
20	snapper rh.	TFST0021- ...	1		1801 - 3000			
	snapper lh.	TFST0022- ...			1801 - 3000			



Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
21	stay hinge DH	Ref. PDB, TBWB61			1	1
22	cover cap W PVC		TKWB0010-004 ...	TKWB0010-012 ...	1	1
23	top hinge 100kg	Ref. PDB, TBSL61			1	
24	cover cap S		TKSL0020-004 ...	TKSL0020-012 ...	1	1
25	top hinge pin Poly	TBSB6020-1 ...			1	1
26	top hinge 130kg	Ref. PDB, TBSL62				1
27	bott hinge 100kg	Ref. PDB, TBEL01			1	
28	cover cap EL O MB		TKEO0010-004 ...	TKEO0010-012 ...	1	1
29	cover cap EL U		TKEU0010-004 ...	TKEU0010-012 ...	1	1
30	bott hinge 130kg	Ref. PDB, TBEL02				1
31	corn hinge PVC100kg	Ref. PDB, TBEB62			1	
32	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
33	corn hinge PVC130kg	Ref. PDB, TBEB63				1



Frame dimensions slave sash

2-sash square tilt-turn/turn DS 16
PVC GK hinge side TITAN

TITAN AF

GS

