PRODUCT CATALOGUE
PVC / H12 SQUARE CONSTRUCTIONS

SIEGENIA®
brings spaces to life

FAVORIT

FAVORIT hardware programme
- For PVC window elements
- For timber 12 mm window elements
- For square constructions

Window systems

Door systems

Comfort systems

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Directives of the Trade Organisation for Locks and Fittings (Gütegemeinschaft Schlösser und Beschläge e. V.)

The directives of the Trade Organisation for Locks and Fittings provide comprehensive information on the correct operation and maintenance of hardware for windows and portal doors.

Compliance with these guidelines is mandatory

You can find the latest versions of the directives, in a range of languages, at:

http://www.beschlagindustrie.de/ggsb/richtlinien.asp

TBDK – Attachment of supporting fitting components for turn-only and tilt&turn fittings

with definitions for turn-only and tilt&turn fittings and their possible installation positions

VHBH – Hardware for windows and balcony doors

Guidelines/advice on the product and on liability

VHBE – Hardware for windows and balcony doors

Guidelines/advice for end-users

FPKF – Restrictor and cleaning stays for Tilt-Only sashes and Tilt-Only fanlights

Use of restrictor and cleaning stays

FBDF – Casement stoppers for variable rotational position of window leafs

Casement stoppers that are controlled via the central locking system - definitions and tests

Further relevant documents

You can find further relevant documents, for example structural design charts, assembly instructions, profile spec sheets, individual component sheets, and maintenance, operating and care instructions, on our documentation pages:

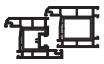
http://downloads.siegenia.com/

Feedback on documentation

We welcome your comments and suggestions on how to improve our documentation. Please e-mail your comments to:

dokumentation@siegenia.com

Element materials



Element material PVC



Element material timber



Element material aluminium

Opening types



Rectangular turn-tilt element



2-sash rectangular turn-tilt/turn elementt



Rectangular turn element



2-sash rectangular turn/turn element



Rectangular tilt element



Arched-head turn-tilt element



2-sash arched-head turn-tilt/turn element



Rounded-head turn-tilt element



2-sash rounded-head turn-tilt/turn element



Angled turn-tilt element



Triangular turn-tilt element

Symbols



Height adjustment



Side adjustment



Compression adjustment

Dimensions

All dimensions are nominal values and include the general tolerances.

All nominal values are given in mm.

Weights

All weights refer to the maximum sash weight.

70	locking distance 700 mm
.../A	croppable component
.../G	counter
.../K	consistent component length
...+	component to slide underneath
16/2	fitting groove 16 x 2 mm
A0175	hinge clearance through sash
A0245	suitable for use with threshold
AB	start of bow begin arch
ADV	adjustable compression
AF	automated manufacturing
AWD	application diagram
bag	bag
BAN	hardware groove
BS	hinge side
BSO	hinge side, top
BSU	hinge side, bottom
BSW	threshold
CG	glass deduction dimension
crt.	carton
D	turn
DEF	triangular window
DF	turning sash
DFB	turn only hinge
DG	turning sash, reverse-action
DH	turn restriction
DK	turn-tilt element
DS	turning secondary sash
DS 8	turning secondary sash (eurogroove)
DS 16	turning secondary sash (with reverse-action hardware groove)
DSV	concealed turning lock
DZB	turn hinge
E	anti-intruder
EB	corner hinge
EL	inserting jig
ELB	bottom hinge pin
EL O	bottom hinge top
EL U	bottom hinge bottom
EL-S U	bottom hinge
ES	increased security
ESL	stainless-steel finish
FA	sash distance
FAV	FAVORIT
FB	sash hinge
FBS	anti-mishandling device
FEB	rebate corner hinge
FFA	sash rebate stop
FFB	sash rebate width
FFH	sash rebate height
FFK	sash rebate edge
FG	sash lift
FH	sash lift
FHD	sash timber thickness
FL	airgap
FPS	tilt-only security stay
FT	rebate depth
FZ	fixing bolt
G	handle position
GBA	straight pin
GG	glass weight
GK	Constant handle height
GL	glazing bead
GM	centre/variable handle height
GS	basic security
h	milling depth
H	timber
H4	timber, 4 mm airgap
H12	timber, 12 mm airgap
HD	heavy duty hinge side
K	tilt
KD	tilt before turn (=TBT)
KFB	tilt sash hinge
KL	clamping jig
KR	shoot bolt
KRB	tilt-lock element



KRL	tilt-lock bearing
KS	constant secondary sash
KSB	tilt striker plate
LH	left
LS	length of angled section
M	magnetic cam
MB	with bolts
MN	with groove
MSP	multiple gap ventilation
MV	centre lock
NA	groove axis
ON	without groove
OS	without lock
OZ	without cam
PDB	profile data sheet
PVC	plastic
PZ	profile cylinder
PZD	pozidriv
RAN	fitting groove
RB	arched head
RC	resistant Class
RH	right
RFA	frame rebate stop
RFB	frame rebate width
RFH	frame rebate height
RFK	frame rebate edge
RS	rolling security cam
RSA	bolt throw
S	heavy version
SB	striker plate
SB	rounded head
SB-RS	striker plate f. rolling security cam
SE	flush-closing
S-ES	mushroom cam
SF	angled-head window
SL	top hinge
SP	gap ventilation
S-RS	comfort mushroom
SW	wrench size/opening
t	drilling depth
TAF	TITAN AF
TBT	Tilt-before-turn
Telesk.	Telescope
TiP	TITAN iP
TL	door design
TS	titanium silver
U	bottom
ÜB	rebate width
UE	monitoring
UEB	rebate
US	bottom side
VKE	sales unit
VL	extension
VS	locking side
VSO	locking side, top
VSU	locking side, bottom
W	stay hinge
witho.	without
Z	additional stay
ZZ	toothing/toothing

The material number is a code for components and consists of eight segments. The material number allows products to be precisely assigned to their corresponding component drawing, surface, colour and other properties.

T	KEU	900	0	–	0	38	06	0

Product group
This code specifies to which product group of the SIEGENIA the product belongs

Assembly
The assembly is a reference to the component family (e.g. covers, gears, frame parts, etc.)

Article counter
Consecutive component number

DIN or opening direction
This code specifies the side of the hinge or opening direction)

Surface
Surface treatment of metal components (e.g. zinc-plated)

Colour
Colour of surface or material

Sales unit
Sales or packaging unit

Index
Production index

Material numbers key



T	KEU	900	0	–	0	38	06	0
1	2	3	4		5	6	7	8

1 Product group					
A	A300	G	DRIVE (Building technology)	T	TITAN
B	BASICline	K	Small parts	U	SASS
C	Casement	L	AERO (Ventilation technology)	V	Packaging
D	KFV (Door)	M	ALU	Z	Accessories (general)
F	FAVORIT	P	PORTAL		

2 Assembly					
A	Jig	H	Handle	S	Stays
B	Hinge side parts	K	Cover caps	U	Monitoring (Aerocontrol/ radio sensor)
D	Seal, distance piece	L	Bogie wheels	V	Extension
E	Corner drives, lock bolts, locking parts	M	Mixed packages	Z	Linkages / accessories
F	Sash components	P	Profiles / profile sets PORTAL		
G	Gear	R	Frame parts		
The abbreviations ONLY apply to the 1st digit. Further digits are assigned individually.					

3 Article counter
The articles are assigned consecutive numbers from 001 to 999.

4 DIN or opening directions					
0	Independent of opening	1	DIN right	2	DIN left

5 Surface					
0	Neutral (finished surface) e.g. plastic	2	E-Look (galvanised)	6	Clear - chromated (galvanised)
1	Titan silver (galvanised)	5	Aluminium, suitable for anodising, painting or coating	L	Painted

6 Colour					
01	RAL 9001 Cream	16	RAL 8001 Ochre brown	H0	Old gold (EV4)
02	RAL 9003 Signal white	24	EV1 anodised	H4	F9 Titan bright
11	RAL 8022 Black brown	38	Gold shining	I2	F3 Gold matte
These specifications do not apply to custom stock colours. For further colours please inquire.					

7 Packaging unit					
01	Quantity of 1	04	Quantity of 25	07	Quantity of 250
02	Quantity of 10	05	Quantity of 50	08	Quantity of 500
03	Quantity of 20	06	Quantity of 100		
For further packaging units please inquire.					

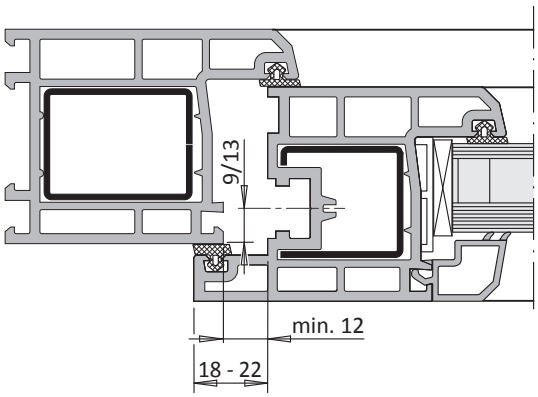
8 Processing index
The processing index indicates the processing status and is assigned consecutively.

1-sash design

Cavity: min. 12 mm

Rebate width: 18 to 22 mm

Groove axis: 9/13 mm

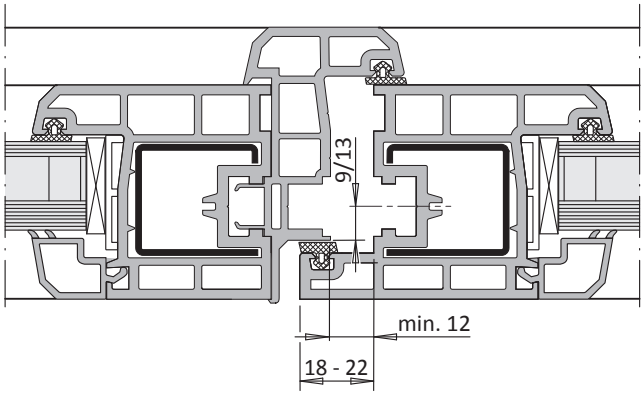


Secondary sash with opposed fitting groove (DS 16)

Cavity: min. 12 mm

Rebate width: 18 to 22 mm

Groove axis: 9/13 mm

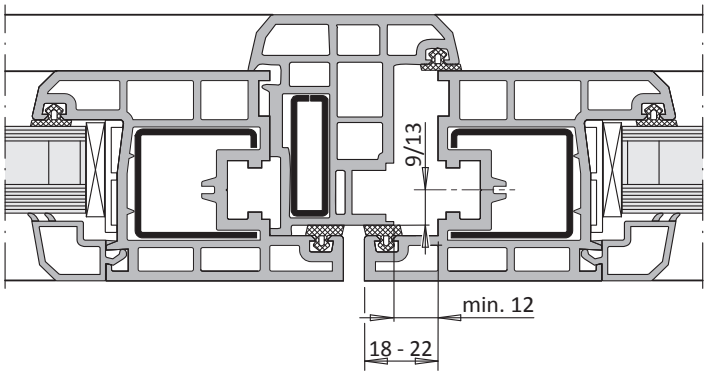


Secondary sash with opposed fitting groove (DS 16)

Cavity: min. 12 mm

Rebate width: 18 to 22 mm

Groove axis: 9/13 mm



Note:

For profile-related specifications please refer to the SIEGENIA profile datasheets.

Caution:

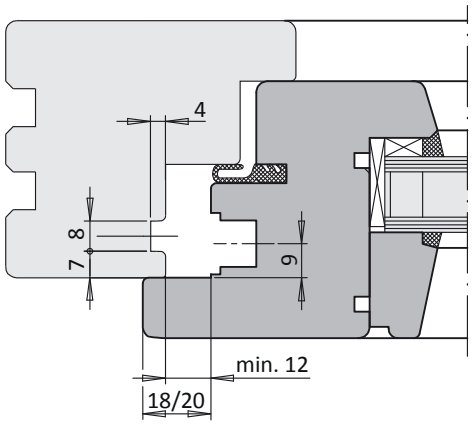
The size ranges stated on the set sides apply to SIEGENIA fittings. In addition, the specifications of the profile fabricators or system owners also apply, especially in regard to possible restrictions on sash dimensions, sash weight and lock spacing.

Eurogroove 7/8x4

Airgap: min. 12 mm circumferential

Rebate width: 18/20 mm

Groove axis: 9 mm

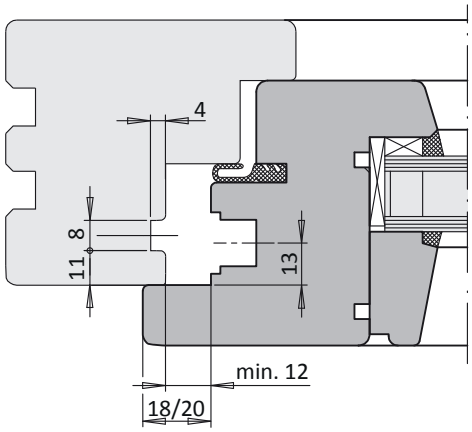


Eurogroove 11/8x4

Airgap: min. 12mm circumferential

Rebate width: 18/20 mm

Groove axis: 13 mm

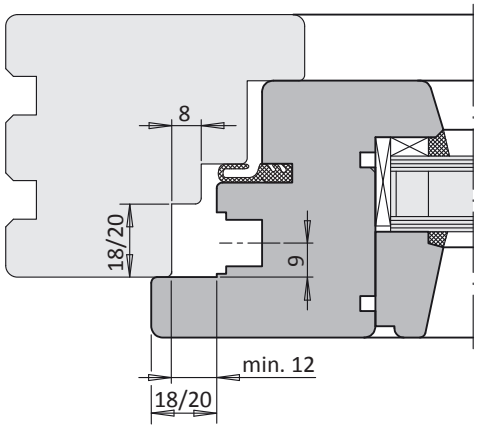


Eurogroove 18/8 and 20/8

Airgap: min. 12 mm circumferential

Rebate width: 18/20 mm

Groove axis: 9 mm

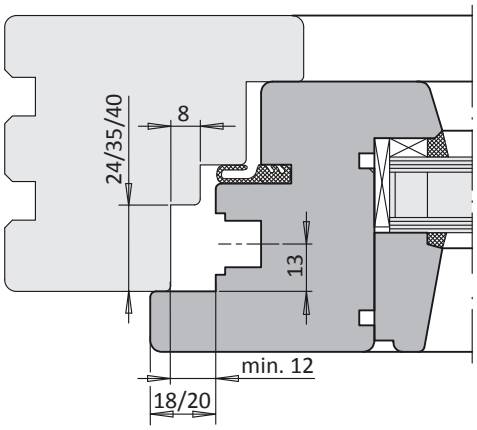


Eurogroove ../8

Airgap: min. 12 mm circumferential

Rebate width: 18/20 mm

Groove axis: 13 mm

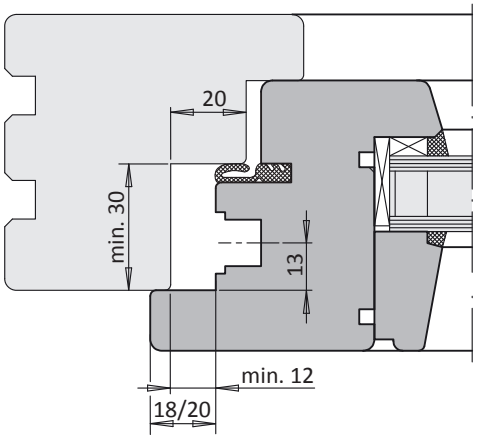


Eurogroove 30/20

Airgap: min. 12 mm circumferential

Rebate width: 18/20 mm

Groove axis: 13 mm

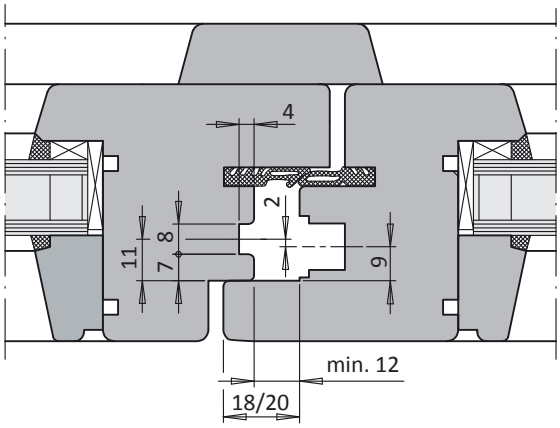


Secondary sash with Eurogroove 7/8x4 (DS 8)

Airgap: min. 12 mm circumferential

Rebate width: 18/20 mm

Groove axis: 9 mm

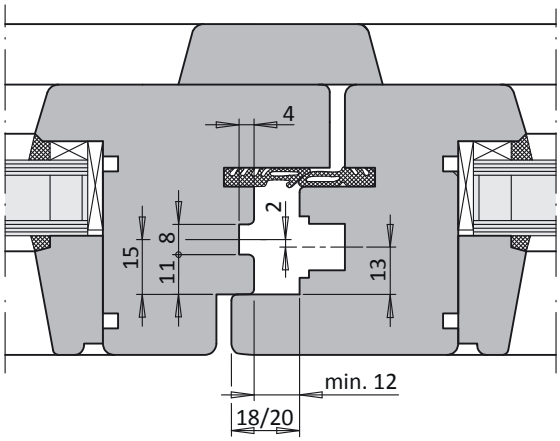


Secondary sash with Eurogroove 11/8x4 (DS 8)

Airgap: min. 12mm circumferential

Rebate width: 18/20 mm

Groove axis: 13 mm

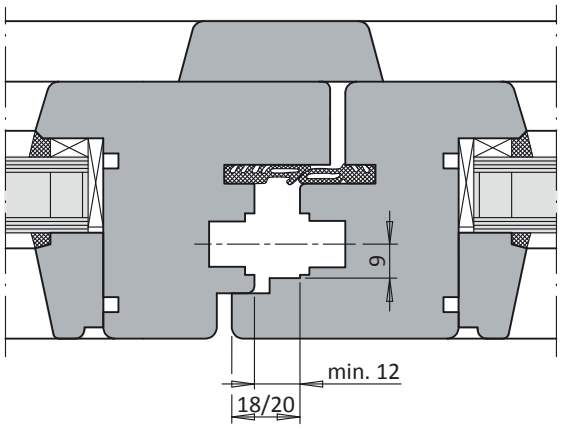


Secondary sash with opposed fitting groove (DS 16)

Airgap: min. 12 mm circumferential

Rebate width: 18/20 mm

Groove axis: 9 mm

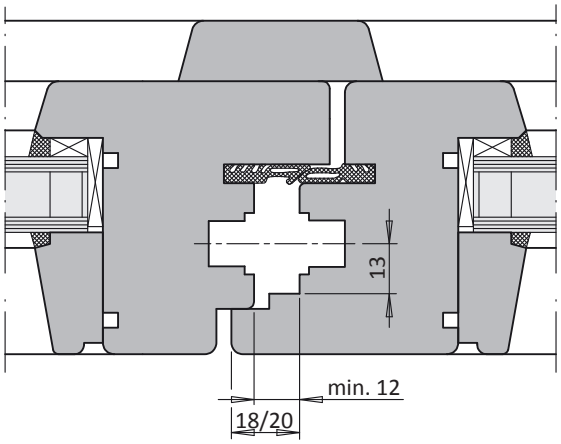


Secondary sash with opposed fitting groove (DS 16)

Airgap: min. 12mm circumferential

Rebate width: 18/20 mm

Groove axis: 13 mm



Note:

For profile-related specifications please refer to the SIEGENIA profile datasheets.

Attention:

The specifications of DIN 68 121 (timber profiles for windows and portal windows) apply to SIEGENIA fittings.

Important instructions for fabricators

Priorandapplicable documents

The following documents take precedence over and/or are applicable with this document:

- Guidelines regarding product liability (TBDK, VHBH, VHBE, FPKF, FBDF)
- Application range diagrams
- Operating, care and maintenance instructions

References to these documents can be found in the „General“ section H45.TITA000S002.

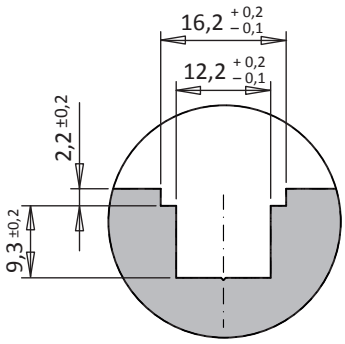
Systems

The size ranges that are specified are binding for the hardware solutions that are included in this document. The following specifications must also be adhered to:

- **PVC windows / aluminium window with 16 mm BAN**
  The specifications of the profile fabricators or system providers also apply, especially in regard to possible restrictions on sash dimensions, sash weight and lock spacing. Where special manufacturing instructions or fabrication guidelines exist, these must be explicitly adhered to. The specifications given for screw-in revolutions and torques must be adhered to.

- **Timber windows**
  The specifications of DIN 68 121 (timber windows and window doors).

  Required eurogroove



Area of application

All hardware solutions are intended for installation on **inward** opening windows and portal doors.

The specified steel hardware components are electro-galvanised and then finished using a special process. They are not suitable for use:

- In damp locations
- In environments where the air contains aggressive, corrosive components
- In environments where the air contains salt
- With timbers containing aggressive substances

Please contact your SIEGENIA sales consultant in such situations.

Hardwaresolutions

The illustrations below of hardware solutions for intruder resistance on single and double-sash windows and window doors are **recommendations** only.

Special measures must be taken in order for test certificates to be obtained, depending on the regulation/test standard and target resistance class, with regard to the type of timber, profiling, reinforcement, weather strip bar, how the weather strip bar is connected and the hardware.

The specifications relating to this in the section:

- Intruder-resistant properties of an PVC window
- Intruder-resistant properties of an aluminium window
- Intruder-resistant properties of an timber window
- Informations about DIN EN 1627 - 1630 in the „Security and Standards“ section

Contact SIEGENIA in individual cases with respect to appropriate testing versions.

Excessive strain

Bearing components can break as a result of excessive strain. If this happens, the window sash may fall out, leading to serious injuries. If the hinge parts are likely to be subject to excessive strain under certain conditions (use in schools, nursery schools, etc.), appropriate measures must be taken to prevent this from happening, such as using a friction stay to limit the opening angle of the window, or using a turning lock.

If there is any doubt, be sure to consult your SIEGENIA sales consultant.

Complete set of hardware

Your complete set of hardware should be composed of **solely** SIEGENIA hardware components. Otherwise damage could occur, for which we accept no liability.

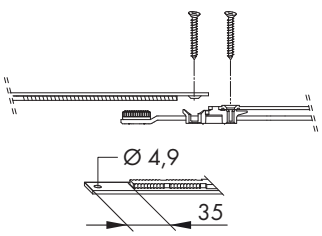
Mounting the hardware components

All hardware components must be mounted properly. When doing so, pay particular attention to the mounting position and ensure that all hardware components on the hinge side are firmly attached. The top hinge pin must be pushed in up to the stop **from below**, and snapped into the springs of the top hinge. Pull out the top hinge pin only with a suitable assembly key.

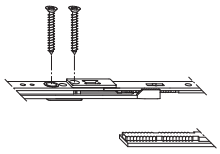
These procedures must be carried out by experienced professionals only.

Connecting the hardware components

- TITAN iP linkage cut



- TITAN AF/FAVORIT cut to length



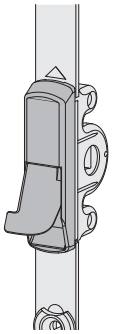
Calibration of adjustable components

The given values for side, height and pressure settings must not be exceeded. Otherwise bearing components may break due to excessive strain and the window sash may fall out.

Note also our maintenance instructions (order no. H4002.2873en).

Using a mishandling device

In order to protect the hardware and the window element, and to ensure a long service life, we recommend the use of a mishandling device such as the below, **particularly for heavy sash weights from 100kg**.



You can find our assembly video here:
Assembling the mishandling device

Mounting the hardware components

- Handle:
  - Countersunk screws M 5 x .., in accordance with DIN 965-4.8; the screws should be long enough that they engage a minimum of 6 mm into the screw thread of the gear casing. The maximum torque should not exceed 2 Nm.

- Remaining hardware components:
  - Screws 4 x 25 or 30 for PVC windows
  - Screws 4 x 30 for timber window (pre-drilling is required for softwoods)
  - Self-drilling screws 3.9 x … for aluminium windows
  - **Countersunk screws with partial thread 4 x 25 or 30 must be used to mount all hardware components in the vertical secondary sash area on secondary sash windows.**

- Screw material:
  - Do not overwind zinc-coated and passivated surfaces for „Titanium Silver“ screws
  - With a Zn-Ni or Deltatone with Delta Seal surface for „E-look“ to avoid contact corrosion.

- To obtain a test certificate, it is necessary for the S-RS striker plates and tilt lock bearing to be connected in a particular way.

Do not overtighten the screws.

Timber surface treatment

Timber windows and door elements should only be surface treated **before** the hardware components are assembled. Treating these surfaces at a later stage can reduce the functional capacity of the hardware components.

Inserting blocks

When inserting blocks, be sure to observe technical guideline no. 3 from the German Glazing Trade [Glaserhandwerk], “Blocking glazing units” [Klotzung von Verglasungseinheiten].

Sealants

Never use acid cure sealants as they may cause the hardware components to corrode.

Cleaning

Keep the rebates free from deposits and dirt, especially from remnants of cement and plaster. Avoid exposing the hardware directly to water and do not let cleaning agents come into contact with the hardware.

Information for end users

Provide the user with the following documents:

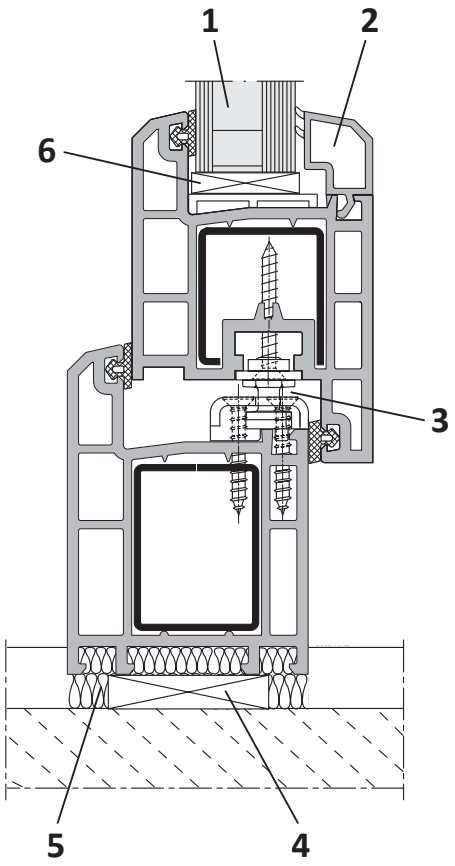
- Operating and Care Instructions (order no. H4002.2874en)

Technical changes

We reserve the right to make technical changes required as a result of the further development of products or a change in standards, laws or jurisdiction.

We assume no liability for printing errors.

Anti-intruder features of a PVC window



1 Penetrationresistant glazing

2 Secured glazing bead

3 Design and mounting of the hardware

4 Dowel fastening to the building structure around the locking positions

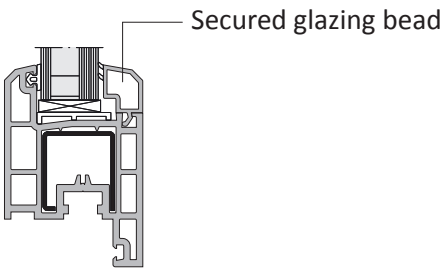
5 Compression-resistant backing

6 Compression-resistant distance block setting

DIN EN 1627 ff – RC1

Airgap

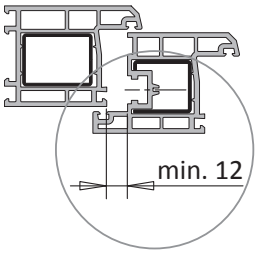
The glazing beads should be secured according to requirements (e.g. by screw connections, adhesive bonding, etc.) or the laminated safety glass pane must be bonded in the rebate.



Cavity

The cavity dimension which is specified in the SIEGENIA profile datasheet for the corresponding plastic profile system must be adhered to.

It must not be exceeded, nor must it fall below the limit.

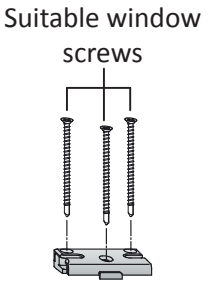


Striker plates and tilt lock bearings

The S-RS striker plates must be positioned in such a way that the locking cams catch in the striker plates as much as possible.

The screw length must be selected so that the S-RS striker plates and tilt lock bearings are screwed into two walls if possible.

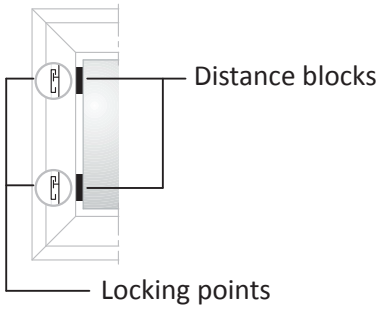
If it is possible to screw into steel bracings, selfdrilling screws with Ø 3.9 mm should be used. The length must be selected so that the screws can be screwed into the bracing by 8 to 10 mm.



If a frame groove is available, it should be sealed with a cover profile.

Inserting blocks

To prevent the sash profile from moving in the glazing rebate, the glass pane must also be set with blocks close to the security latching positions (distance blocks).

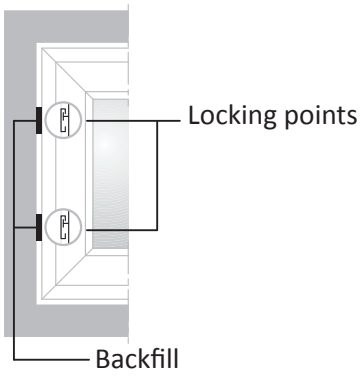


Wall mounting

The cavity between the frame and the brickwork near the locking points must be back-filled to be compression resistant.

When fixing the window elements, special steps must be taken with regard to the distance between fixing

points, the edge spacing and the wall construction, depending on requirements.



DIN EN 1627 ff – additional information for RC2

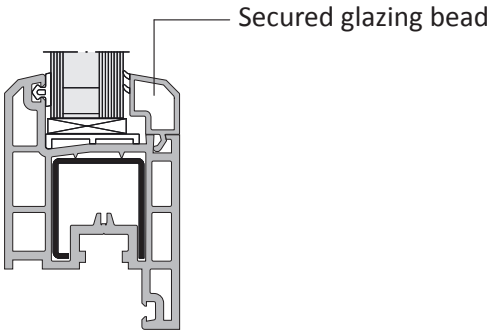
Window frame

To ensure that the sash can only move minimally within the window frame, distance blocks must be mounted in the corner areas of the window frame (see also hardware layout).

At the same time, however, this must not restrict the options available for adjusting the fittings.

Glazing rebate

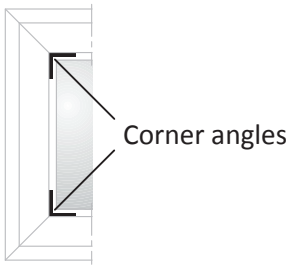
The glazing beads must be secured according to requirements (e.g. by screw connections, adhesive bonding, etc.), or the laminated safety glass pane must be bonded in the rebate.



DIN EN 1627 ff – additional information for RC3

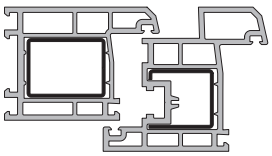
Glazing rebate

The four corners of the sash frame must also be screwed into the glazing rebate with steel brackets. These steel brackets prevent the mitre joints from breaking apart in the event of a break-in attempt.

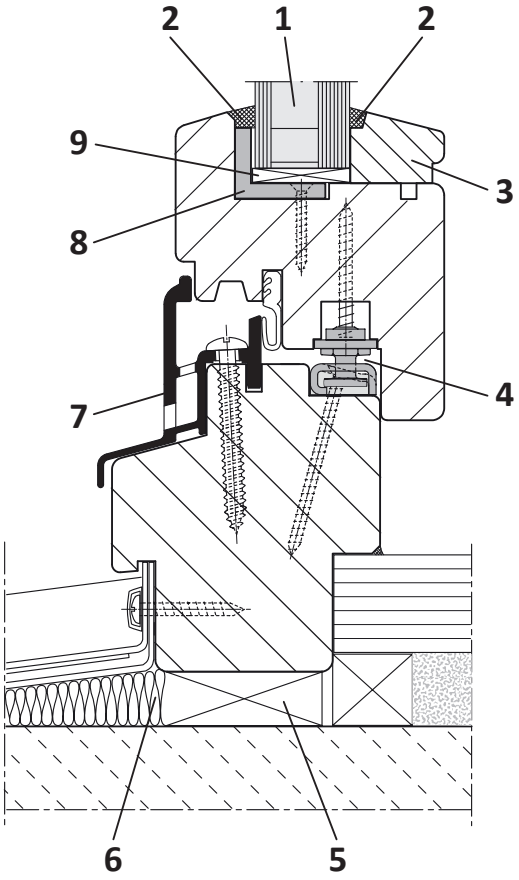


Profile system

Flush profile systems are generally better suited to the design of anti-intruder windows as they offer fewer opportunities for the intruder‘s tools to be used.



Anti-intruder features of a timber window



1 Penetrationresistant glazing

2 Sealing with strong adhesion

3 Secured glazing bead

4 Design and mounting of the fittings

5 Dowel fastening to the building structure around the locking positions

6 Pressure-resistant backing

7 Reinforced weather strip bar with special screw connection

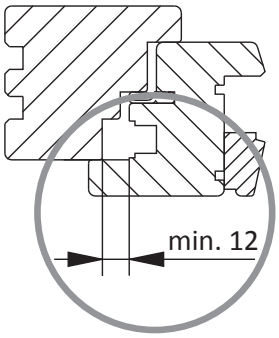
8 Screwed steel bracket in the glazing rebate

9 Pressure-resistant distance block setting

DIN EN 1627 ff – RC1

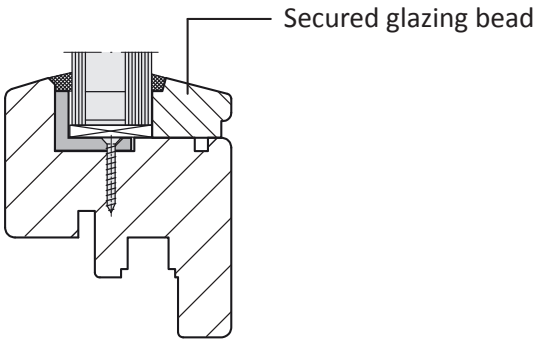
Airgap

The airgap which is specified in the SIEGENIA profile datasheet for the corresponding system must be adhered to.
It must not be exceeded, nor must it fall below the limit.



Glazing rebate

The glazing beads should be secured according to requirements (e.g. by screw connections, adhesive bonding, nailing, etc.).



Construction material

Only timber which meets the following requirements may be used for anti-intruder window elements:

- No knots with a diameter of more than 2 mm
- No cracks
- No other defects

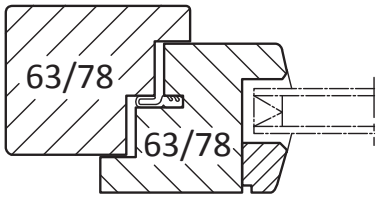
The type of timber used must have at least the following gross density:

- 0,55 g/cm³ for hardwoods
- 0,45 g/cm³ for softwoods

The annual ring widths must not exceed 4 mm on softwoods.

Profile cross-section

In order to create the worst possible conditions for the lever tool, the minimum profile crosssection used must be IV 63/78 in accordance with DIN 68 121.



Weather strip bar

RC1 does not place any particular requirements on the weather strip bar.

However, the following must be observed with regard to fixing:

- The distance between screws should be 300 mm maximum
- Corner spacing 50 to 100 mm

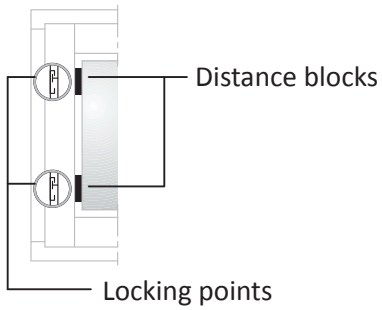
Striker plates

The S-RS striker plates must be positioned in such a way that the locking cams catch in the striker plates as much as possible.

Inserting blocks

To prevent the sash profile from moving in the glazing rebate, the glass pane must also be set with blocks close to the security latching positions (distance blocks).

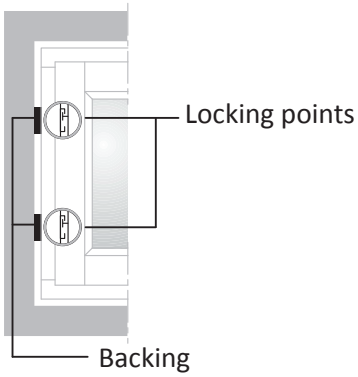
The distance blocks must be at least 100 mm long.



Wall mounting

The hollow space between the frame and the brickwork near the locking points must be back-filled to be pressure resistant.

When fixing the window elements, special steps must be taken with regard to the distance between fixing points, the edge spacing and the wall construction, depending on requirements.



DIN EN 1627 ff – additional information for RC2

Window frame

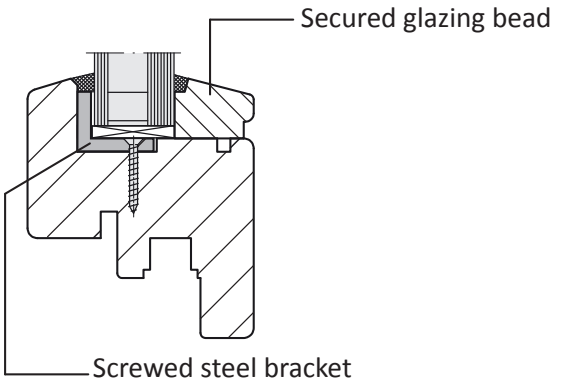
To ensure that the sash can only move minimally within the window frame, distance blocks must be mounted in the corner regions of the window frame (see also hardware layout).

At the same time, however, this must not restrict the options available for adjusting the fittings.

Glazing rebate

The glazing beads **must** be secured according to requirements (e.g. by screw connections, adhesive bonding, nailing, etc.).

To prevent the washer from being pulled out, steel brackets should be screwed into the glazing rebate in sections or continuously. These steel brackets must be screwed offset into the glazing edge area.



Construction material

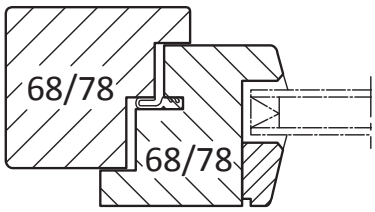
The type of timber used must have the following gross densities as a minimum:

- 0,60 g/cm³ for hardwoods
- 0,50 g/cm³ for softwoods

If possible, a type of timber harder than meranti should be used as the bulk density is usually lower due to the large fluctuation range.
The annual ring widths must not exceed 3 mm on softwoods.

Profile cross-section

In order to produce the worst possible conditions for the lever tool, the minimum profile crosssection used must be IV 68/78 according to DIN 68 121.

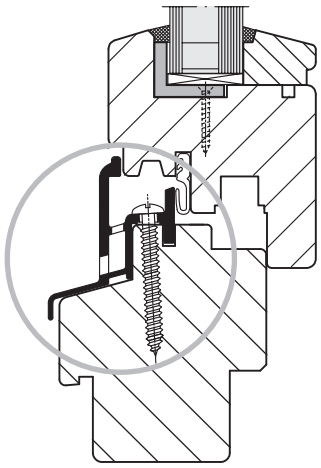


Weather strip bar

Special anti-intruder weather strip bars must be integrated in order to provide appropriate resistance to the intruder‘s tools. They are characterised by thicker walls and a special screw connection.

The external limit stop may warp a maximum of 3 to 6 mm at a force of 1 kN.

- Mounting with round head or cheese head screws 5 x 60 mm
- The distance between screws should be 300 mm maximum
- Corner spacing 50 to 100 mm



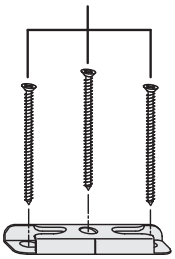
Striker plates and tilt lock bearings

The SL-RS striker plates must be positioned in such a way that the locking cams catch in the striker plates as much as possible.

SL-RS striker plates and tilt lock bearings must be screwed with stop screws which are at least 45 mm long.

Pre-drilling is required for hardwoods (0.7 x d).

Suitable window-screws
4 x 45



SL-RS striker plate

Sealing

To make it difficult to remove the sealed glass, it is important to select a glass sealant which has as much adhesion force as possible. Two-component sealants are particularly suitable for this.

DIN EN 1627 ff – additional information for RC3

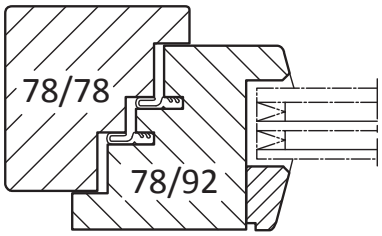
Construction material

The type of timber used must have the following gross densities as a minimum:

- 0,65 g/cm³ for hardwoods
- 0,50 g/cm³ for softwoods

Profile cross-section

In order to produce the worst possible conditions for the lever tool, the minimum profile crosssection used must be IV 78/92 according to DIN 68 121.



Requirements and national specifics for DIN EN 1627:2011-09

DIN EN 1627ff

After a draft standard period of 12 years, the EN 1627ff series of standards was published as DIN EN 1627ff in September 2011.

The key changes refer to the description of the resistance classes and the test procedure for resistance class 1.

Widerstandsklassen (resistance classes) WK1 - 6 are referred to as resistance classes (RC) in the final version of the standard.

The number of resistance classes has not changed (RC1 – RC6).

The standard governs the requirements and classifications with respect to the anti-intruder features of windows, doors, curtain walling, grilles and shutters.

It is valid for the following types of openings: turning, tilting, folding, tilt & turn, swinging, sliding (horizontally and vertically) and roller, as well as structures that do not open.

Resistance class RC2 has been split into two separate classes (RC2N and RC2).

The suffix „N“ in classes RC1N and RC2N represents the possibility that national requirements may have to be taken into account.

No requirements are made in these classes with respect to glazing in the German version of EN 1627. Nevertheless, the glass must be connected in the manner in which it has been tested.

SIEGENIA level	Standard/ Directive	Test class	Striker plate	Handle	Drilling protection	Glazing
Basic security	—	—	Standard	Standard	No	No requirements
RC1	DIN EN 1627	RC1N	S-RS	Lockable 100 Nm	Yes	No requirements
RC2	DIN EN 1627	RC2N	S-RS	Lockable 100 Nm	Yes	No requirements
		RC2				EN356, P4A
RC3	DIN EN 1627	RC3	S-RS	Lockable 100 Nm	Yes	EN356, P4A

Glazing

Minimum requirements for glazing

Test class	Glazing in accordance with EN 356
RC1N	No requirements
RC2N	No requirements
RC2	P4A
RC3	P5A
RC4	P6A
RC5	P7A
RC6	P8A

Requirements for glazing the test specimen

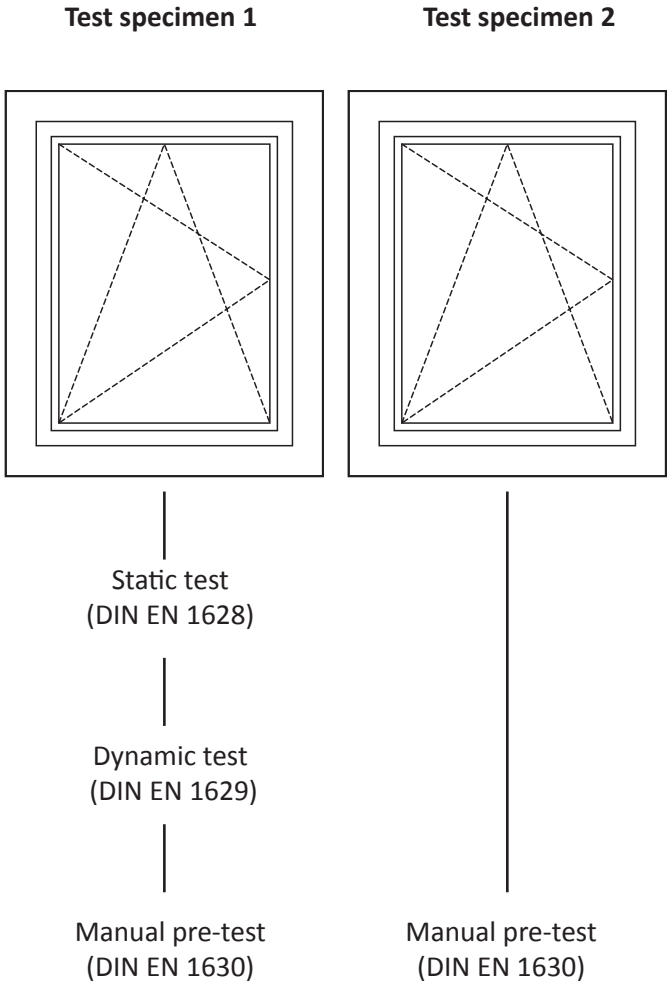
For the test, the test specimens are to be fitted with glazing in accordance with EN 356. In order to protect the tester, the safety glass should be placed on the attack side.

Test class	Glazing in accordance with EN 356
RC1N	P4A
RC2N	P4A
RC2	P4A
RC3	P5A
RC4	P6A
RC5	P7A
RC6	P8A

Test specimens

Two identical test specimens are required for the test in accordance with DIN EN 1627ff.

- Test specimen 1 is used for the weak point analysis.
- Test specimen 2 is used for the main test subject to the weak point analysis.



Test method

The established breakdown of the test method into static, dynamic and manual tests presented in the draft standard has essentially remained the same.

- DIN EN 1628 static test method
- DIN EN 1629 dynamic test method
- DIN EN 1630 manual test method

Changes have however been made to the individual test methods.

DIN EN 1628

DIN EN 1628 describes the test method for determining the resistance of a construction product under static loading.

Depending on the resistance class, this involves defined forces being applied to specific points in order to determine the deflection of the movable part of the construction product.

In contrast to the draft standard, the deflection is no longer measured but is determined using gap gauges instead.

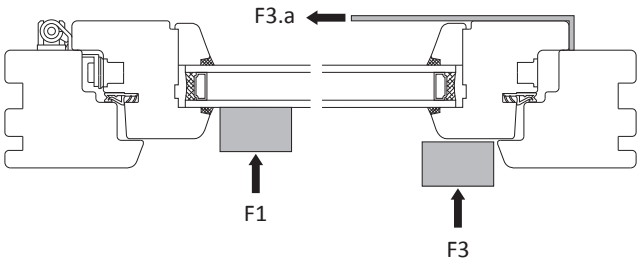
	Resistance class (RC)							
	RC1 and RC2		RC3		RC4		RC5 and RC6	
Loading points	Test load kN	Gap gauge type	Test load kN	Gap gauge type	Test load kN	Gap gauge type	Test load kN	Gap gauge type
F1 Infill corner	3	B	6	B	10	B	15	B
F2 Leaf/sash corner	1,5	B	3	B	6	B	10	B
F3 Locking points	3	A	6	A	10	A	15	A
F3.a Additional load	1,5	A	—	—	—	—	—	—

Loading points

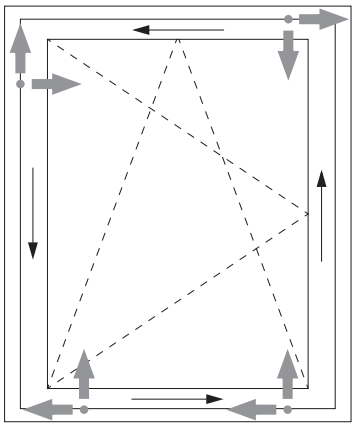
- **F1 Infill corners**
  Load is to be applied to each infill corner.

- **F2 Leaf/sash corners**
  Load is applied to the corners of the leaf/sash if the next locking point is more than 350 mm away from the corner.

- **F3 Locking points**
  Each locking point is loaded to F3. If two locking points are less than 200 mm apart, the load is applied midway between them.
  Locking points are all connection points between window and leaf/sash frames, including hinges.



- **F3.a Locking points**
  (only for resistance class RC1N)
  Load F3.a is applied in conjunction with load F3 on the flat of the test specimen (reproducibility of an attack using small lever tools).
  The load is applied against the locking direction in a way which increases the airgap.



- Locking point
- Locking direction
- Load direction F3.a

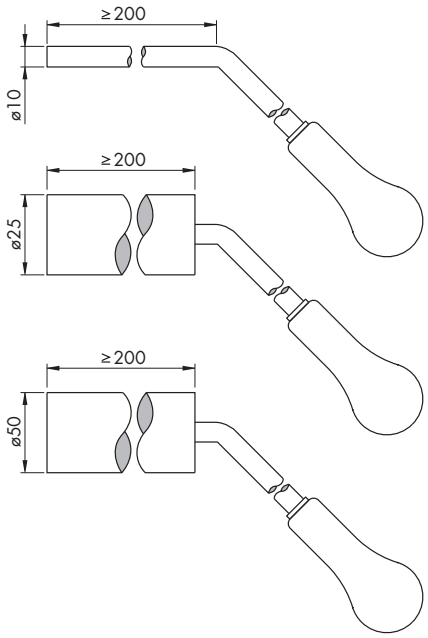
Gap gauges

Gap gauges for testing deflection

Type A (ø 10 mm)

Type B (ø 25 mm)

Type C (ø 50 mm)



The type C gap gauge is used for group 3 products (e.g. shutters).

DIN EN 1629

DIN EN 1629 describes the dynamic test method for the elements.

The test aims to simulate attacks made by people who attempt to use their shoulders or feet to create an accessible opening.

For products in resistance class 1, all parts are also dismantled on the attack side, in a non-destructive manner, using tool set A1 prior to carrying out the dynamic test. This preparatory procedure must not take longer than 3 minutes.

Whereas in DIN V ENV 1629 the test was carried out using a 30 kg sandbag, the new DIN EN 1629 standard uses a 50 kg impactor.

For this test, safety glazing (P4A in accordance with EN 356) should be placed on the load side.

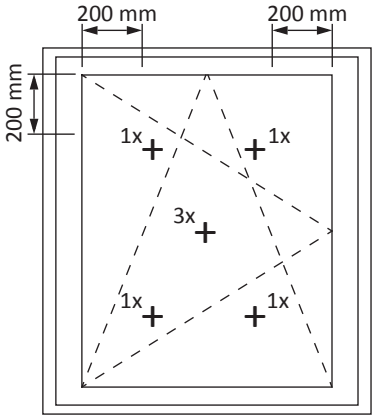
The dynamic test is only carried out in resistance classes RC1 to RC3.

Dynamic testing is not required in resistance classes RC4 to RC6.

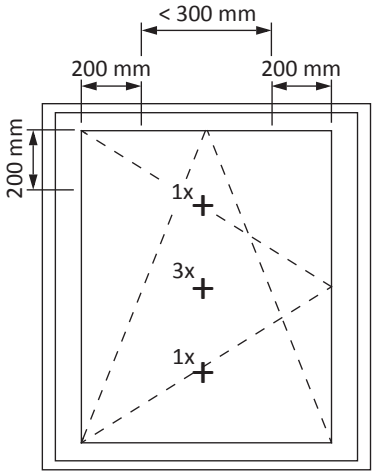
Due to the increased weight of the pendulum impact, the drop height has been reduced.

Test class	Drop height in mm	Weight of the impactor in kg
RC1N	450	50
RC2N		
RC2		
RC3	750	
RC4 to RC6	No dynamic test required	

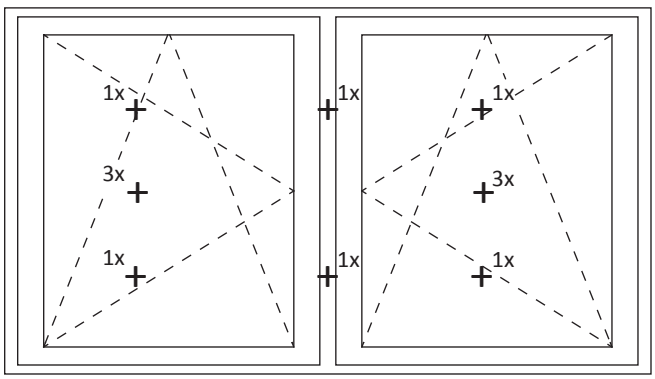
The impact load is applied once at each corner of the infill



and three times in the centre of the test specimen.

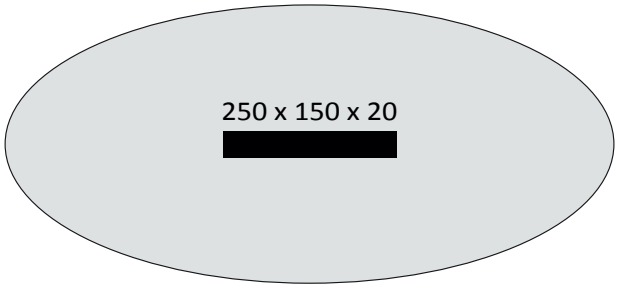


On secondary sashes, the individual infill panels are only impacted on the centreline. The secondary sash area is also tested.



Evaluating the results of the dynamic test

The test specimen has not passed the test if gap gauge D can be passed through the opening that has formed in the test specimen.



DIN EN 1630

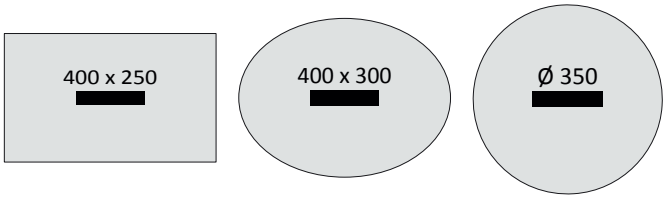
DIN EN 1630 describes how resistance to manual intrusion attempts is determined.

The test specimens are installed in a sub-frame.

Depending on the resistance class, the tester has various tool sets available in order to create an accessible opening.

The resistance time includes periods of fewer than 5 seconds for each time the tester changes tools.

The following analysis templates are used to determine an accessible opening.



Break-in testing according to DIN EN 1627:2011

A specific procedure, a resistance time and a specific tool set is stipulated for each resistance class for the break-in test.

Resistance class DIN EN 1627:2011	Type of intruder/procedure/tools	Resistance time
RC1N	A manipulation test is carried out using small tools, components of this resistance class only have low protection against the use of lever tools. This class is conducted with standard glass.	3 minutes
RC2N	The intruder also attempts to force thelocked and bolted component openusing simple tools such as screwdrivers, pliers and wedges. A direct attack on the glazing used is unlikely. This class is also conducted with standard glass.	3 minutes
RC2	The intruder also attempts to force the locked and bolted component open using simple tools such as screwdrivers, pliers and wedges. Glazing in accordance with EN 356 is compulsory from class RC2.	3 minutes
RC3	The intruder also attempts to force the locked and bolted component open using a second screwdriver and a crowbar.	5 minutes
RC4	The experienced intruder also uses sawing tools and striking tools such as an axe, a crowbar, a hammer and chisel and a cordless drill.	10 minutes
RC5	The experienced intruder also uses power tools such as a drill, a jig saw or sabre saw and angle grinder (max. disc diameter 125 mm).	15 minutes
RC6	The experienced intruder also uses heavy-duty power tools such as a drilling machine, a jig saw or sabre saw and angle grinder (max. disc diameter 230 mm).	20 minutes

Correlation

If the body issuing the invitation to tender announces the elements as antiintruder elements in accordance with DIN EN 1627 - Resistance Class RC2, then, by referring to the correlation table, an existing test certificate to DIN V ENV 1627 - Resistance Class RC2 can be used.

Apart from for resistance class RC1N, it is assumed that products that were classified as resistance class RC2 – RC6 correspond to the same classes in the standard DIN EN 1627.

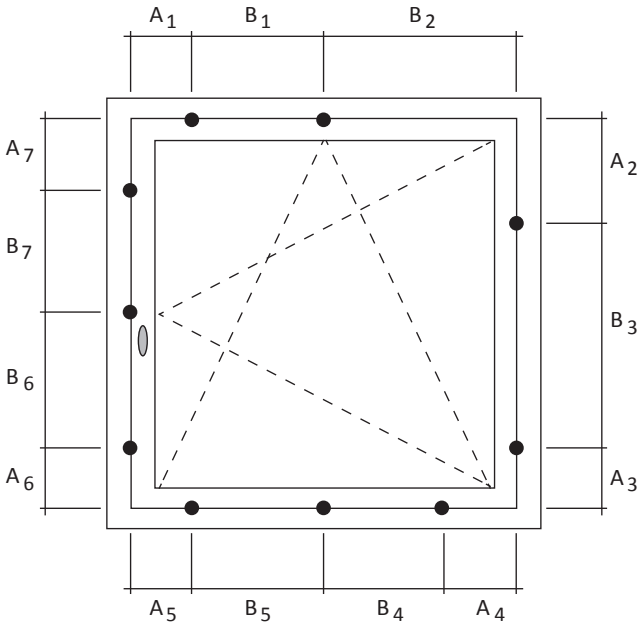
Resistance classes (RC) in accordance with DIN EN 1627:2011-08	Resistance classes (RC) in accordance with DIN V ENV 1627:1999-04
RC1N	No correlation possibleh
RC2N	WK2 (free choice of glazing - glass connection as tested)
RC2	WK2
RC3	WK3
RC4	WK4
RC5	WK5
RC6	WK6

Dimensions

The classification of a product is only valid for the dimensions that were actually tested.

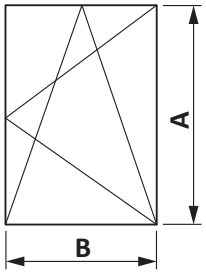
A selection of test specimens is required if a product system is to be assessed.

Using the rule of extrapolation, the tested dimensions can be extended or reduced within their limits without the need to carry out a test.



Key

A1 ... A7	+5%, –20%
B1 ... B7	+5%, –30%
Surface area	±25%



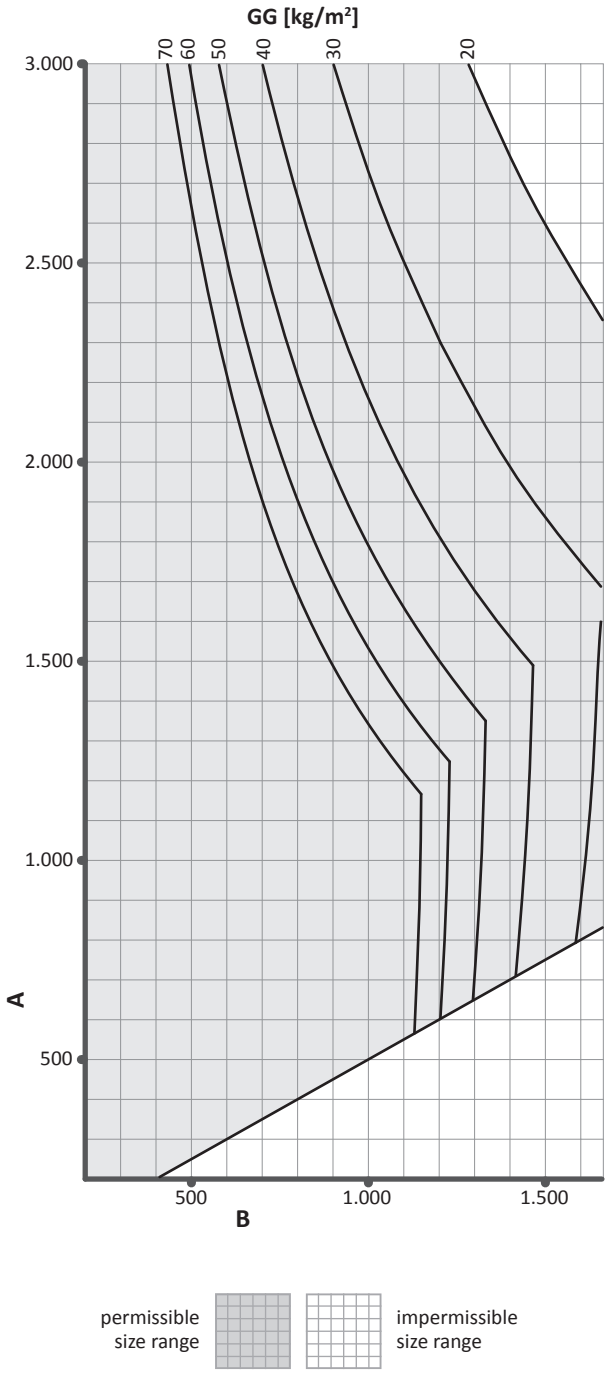
- inward opening elements only
  A = FFH (sash rebate height [mm])
  B = FFB (sash rebate width [mm])
  GG = glass weight [kg/m²]

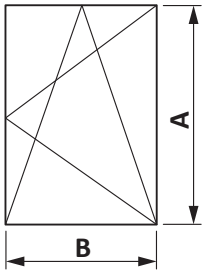
basis for testing and calculation

- Tilt-turn test according to QM 328
  System 2 - Figure A:
  - turn-only cycles: 10,000
  - tilt-turn cycles: 15,000
- additional loads taken into account
  according to EN 14608 (figure A.1)/class 4
  according to EN 13115 (800N).

Conditions for the use of the application diagram

- Evidence for fixing structural components
  onto the window system by a window manufacturer
  according to TBDK with the following forces:
  - on the top hinge (N): 2,710
  - on the bottom hinge (N): 2,890
- The following values are to be observed with
  all window systems:
  - max. width/height ratio $Q_{B/H}$: ≤ 2.0
  - glass deduction dimension CG (mm): ≥ 28
  - profile weight PG (kg/m): ≤ 3.25
- Notes on the intended use:
  Basics and use of the application diagrams
  "Download"





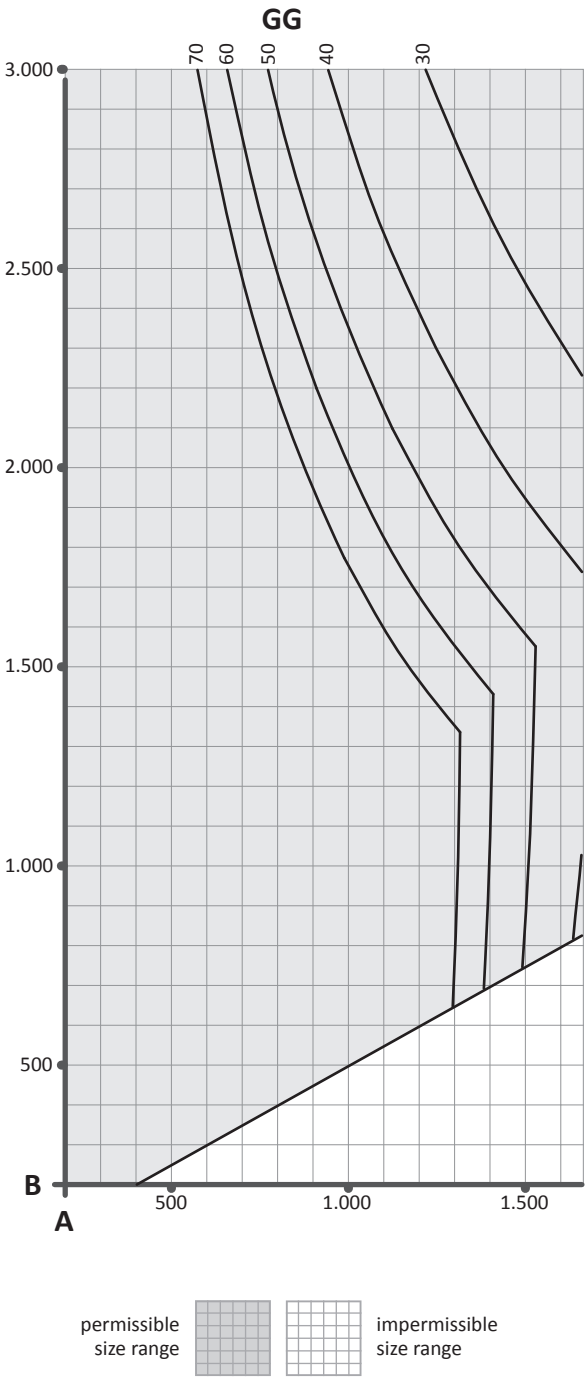
- inward opening elements only
  A = FFH (sash rebate height [mm])
  B = FFB (sash rebate width [mm])
  GG = glass weight [kg/m²]

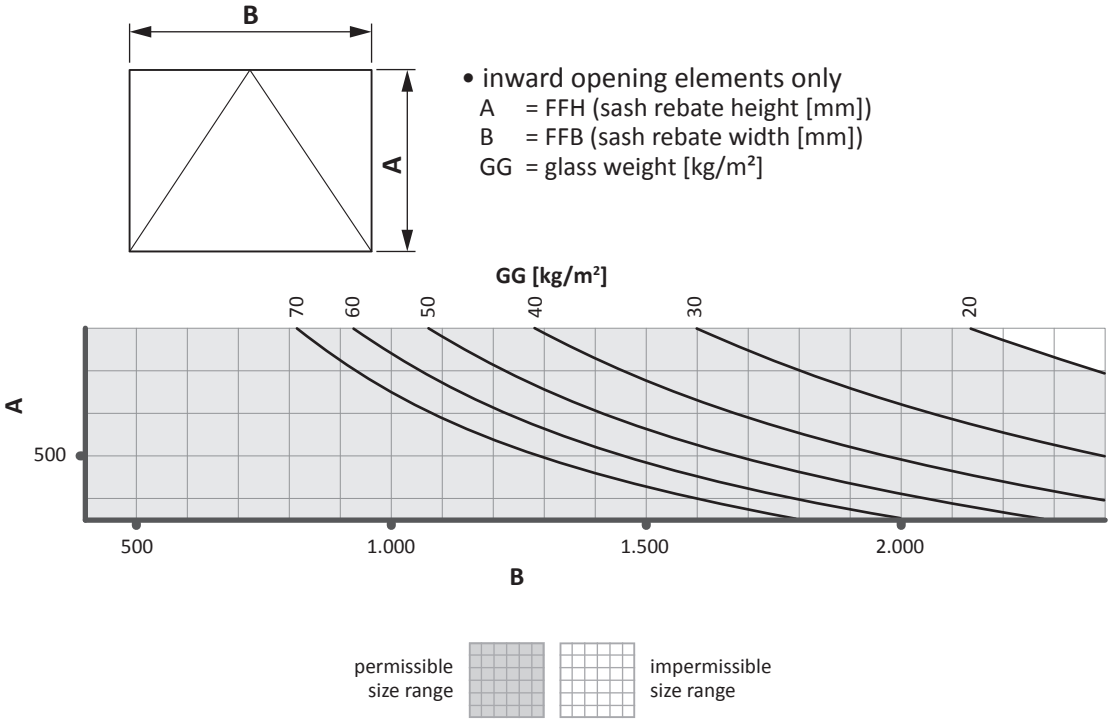
basis for testing and calculation

- Tilt-turn test according to QM 328
  System 2 - Figure A:
  - turn-only cycles: 10,000
  - tilt-turn cycles: 15,000
- additional loads taken into account
  according to EN 14608 (figure A.1)/class 4
  according to EN 13115 (800N).

Conditions for the use of the application diagram

- Evidence for fixing structural components
  onto the window system by a window manufacturer
  according to TBDK with the following forces:
  - on the top hinge (N): 3,525
  - on the bottom hinge (N): 3,760
- The following values are to be observed with
  all window systems:
  - max. width/height ratio $Q_{B/H}$: ≤ 2.0
  - glass deduction dimension CG (mm): ≥ 28
  - profile weight PG (kg/m): ≤ 3.25
- Notes on the intended use:
  Basics and use of the application diagrams
  "Download"





basis for testing and calculation

- tilt test according to RAL-GZ 607/12:
  - tilt cycles: 15,000
- additional loads according to RAL-GZ 607/12

Conditions for the use of the application diagram

- Evidence for fixing structural components onto the window system by a window manufacturer.
- the following values are to be observed with all window systems:
  - glass deduction dimension CG (mm): ≥ 28
  - profile weight PG (kg/m): ≤ 3.25
- Notes on the intended use:
  Basics and use of the application diagrams
  "Download"

Vertical tilt point

1-sash square tilt-turn	H48.FAVKFK0S500EN	2 - 3
2-sash square tilt-turn/turn DSG	H48.FAVKFK0S502EN	2 - 9
2-sash square tilt-turn/turn shoot bolt	H48.FAVKFK0S501EN	2 - 17

Horizontal tilt point - basic security

1-sash square tilt-turn	H48.FAVKFK0S600EN	2 - 25
2-sash square tilt-turn/turn DSG	H48.FAVKFK0S601EN	2 - 31
2-sash square tilt-turn/turn shoot bolt	H48.FAVKFK0S602EN	2 - 39

Tilt before turn (TBT)

1-sash square tilt before turn	H48.FAVKFK0S604EN	2 - 47

Locking distance 700

1-sash square tilt-turn	H48.FAVKFK0S700EN	2 - 53
2-sash square tilt-turn/turn DSG	H48.FAVKFK0S701EN	2 - 59

Horizontal tilt point - 3-point security

1-sash square tilt-turn	H48.FAVKFK3PS600EN	2 - 67
2-sash square tilt-turn/turn DSG	H48.FAVKFK3PS601EN	2 - 73

Tilt before turn (TBT)

1-sash square tilt before turn	H48.FAVKFK3PS602EN	2 - 81

Locking distance 700

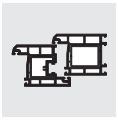
1-sash square tilt-turn	H48.FAVKFK3PS700EN	2 - 87
2-sash square tilt-turn/turn DSG	H48.FAVKFK3PS701EN	2 - 93

Turn only sash

1-sash square turn with gear DK	H48.FAVKFK0S605EN	2 - 101
1-sash square turn with gear DF	H48.FAVKFK0S606EN	2 - 105

FAVORIT

Installation instructions

without security

1-sash square tilt-turn

PVC

without security

fixed handle position

Hinge side Si-line

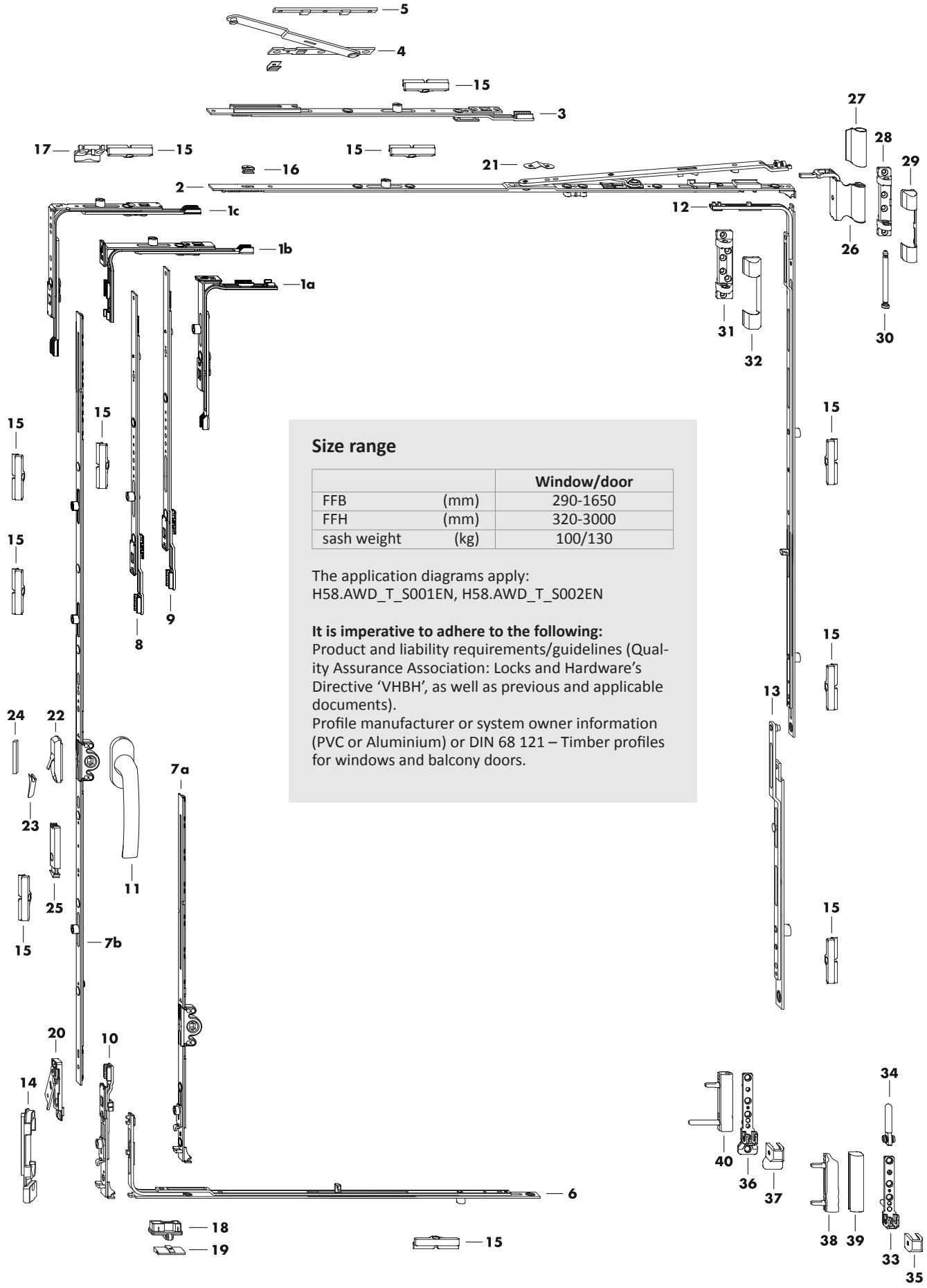
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 800; vertical tilt point
Stay side	one-piece stay
Locking side	sash lift arm + mishandl.dev.
Hinge side	corner drive BS 2V
Hinge side turning points	loose bottom hinge pin

hardware layout

1-sash square tilt-turn
PVC GK Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

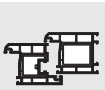
It is imperative to adhere to the following:
Product and liability requirements/guidelines (Quality Assurance Association: Locks and Hardware's Directive 'VHBH', as well as previous and applicable documents).
Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							14	15
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	290– 410	431–3000			1
1b	corn.drive narrow VSO ..	FEUL0520- ...	1	411– 800	320– 430			1
1c	corn.drive VSO ..	FEUL0230- ...	1	411–1650	431–3000			1
2	stay 7 sz 30	707302	1	290– 620				
	stay 7 sz 35 MV	707319		621– 800				
	stay 7 sz 50 MV	707326		801–1030				1
	stay 7 sz 55 MV	707333		1031–1260				1
	stay 7 sz 50 MV	707326		1261–1490				1
	stay 7 sz 55 MV	707333		1491–1650				1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650				1
4	additional stay	Ref. PDB, TSZS	1	1261–1650				
5	packer Z	Ref. PDB, FRUP01	1	1261–1650				
6	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1	801–1260				1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...		1261–1490				1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...		1491–1650				1
7a	gear 15 FAV sz 30/G180	FGKK4010- ...	1	411– 800	320– 430	180	1	
	gear 15 FAV sz 30/G180	FGKK4010- ...			431– 600	180	1	
7b	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601– 800	300		
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801–1000	400		1
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001–1200	500		1
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201–1400	600		1
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401–1600	700		1
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601–1800	700		2
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801–2000	1000		2
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001–3000	1000		3
8	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201–2400			
	linkage FAV sz 400 1V	FZSZ0110- ...			2401–3000			1
9	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601–2800			
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801–3000			
10	tilt lock element FAV/FH	FEKB1010- ...	1		601–3000		1	
11	handle Globe	Ref.access. ZHGS	1		320–3000			
12	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		801–1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1600			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601–2000			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001–3000			2
13	MV extension sz 40	700945	1		2401–2600			1
	MV extension sz 60	700952			2601–3000			1
14	tilt striker plate FHA	Ref. PDB, TRKV						
15	striker plate S 56	Ref. PDB, TRSM						
on request								
16	location piece ..	702543	1					
17	frame part SP-S	Ref. PDB, FRZL01	1					
18	sash lift .. A2000	TFFH0010- ...	1		320– 600			
19	run-up FH/TiP	Ref. PDB, TRAL	1		320– 600			
20	sash lift KRB .. rh.	TFFH0151- ...	1		601–3000			
	sash lift KRB .. lh.	TFFH0152- ...			601–3000			
21	tilt restrictor ..	805701	1		320– 800			
22	mishandling device FAV.	FFBS0110- ...	1					
23	pressure piece	Ref. PDB, TFFD	1					
24	stop	Ref. PDB, FRZF01	1					
25	snapper rh.	TFST0021- ...	1		1801–3000			
	snapper lh.	TFST0022- ...			1801–3000			

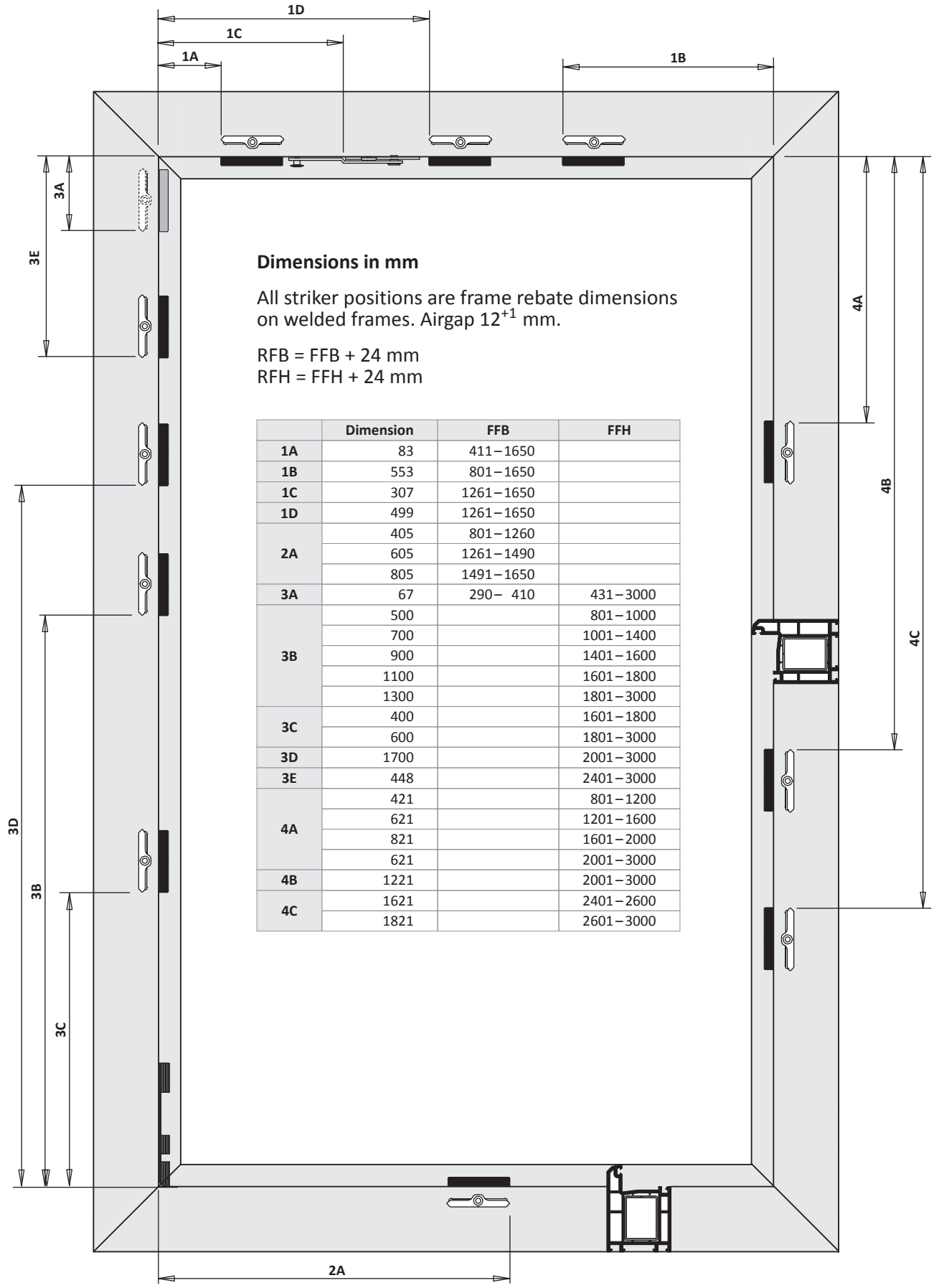
List of fittings

1-sash square tilt-turn
PVC GK Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
26	stay hinge	Ref. PDB, FBWB			1	1
27	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
28	top hinge	Ref. PDB, FBSL01			1	
29	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
30	top hinge pin diam.6	FBSB0010-1 ...			1	1
31	top hinge S	Ref. PDB, FBSL02				1
32	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
33	bottom hinge	Ref. PDB, FBEL01			1	
34	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
35	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
36	bottom hinge S	Ref. PDB, FBEL02				1
37	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
38	corner hinge PVC	Ref. PDB, TBEB61			1	
39	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
40	corner hinge PVC130kg	Ref. PDB, TBEB63				1



Dimensions in mm

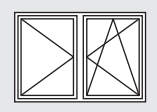
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1650	
1B	553	801–1650	
1C	307	1261–1650	
1D	499	1261–1650	
2A	405	801–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
3B	500		801–1000
	700		1001–1400
	900		1401–1600
	1100		1601–1800
	1300		1801–3000
3C	400		1601–1800
	600		1801–3000
3D	1700		2001–3000
3E	448		2401–3000
4A	421		801–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4B	1221		2001–3000
4C	1621		2401–2600
	1821		2601–3000

FAVORIT

Installation instructions



without security

2-sash square tilt-turn/turn DSG gear

PVC

without security

fixed handle position

Hinge side Si-line

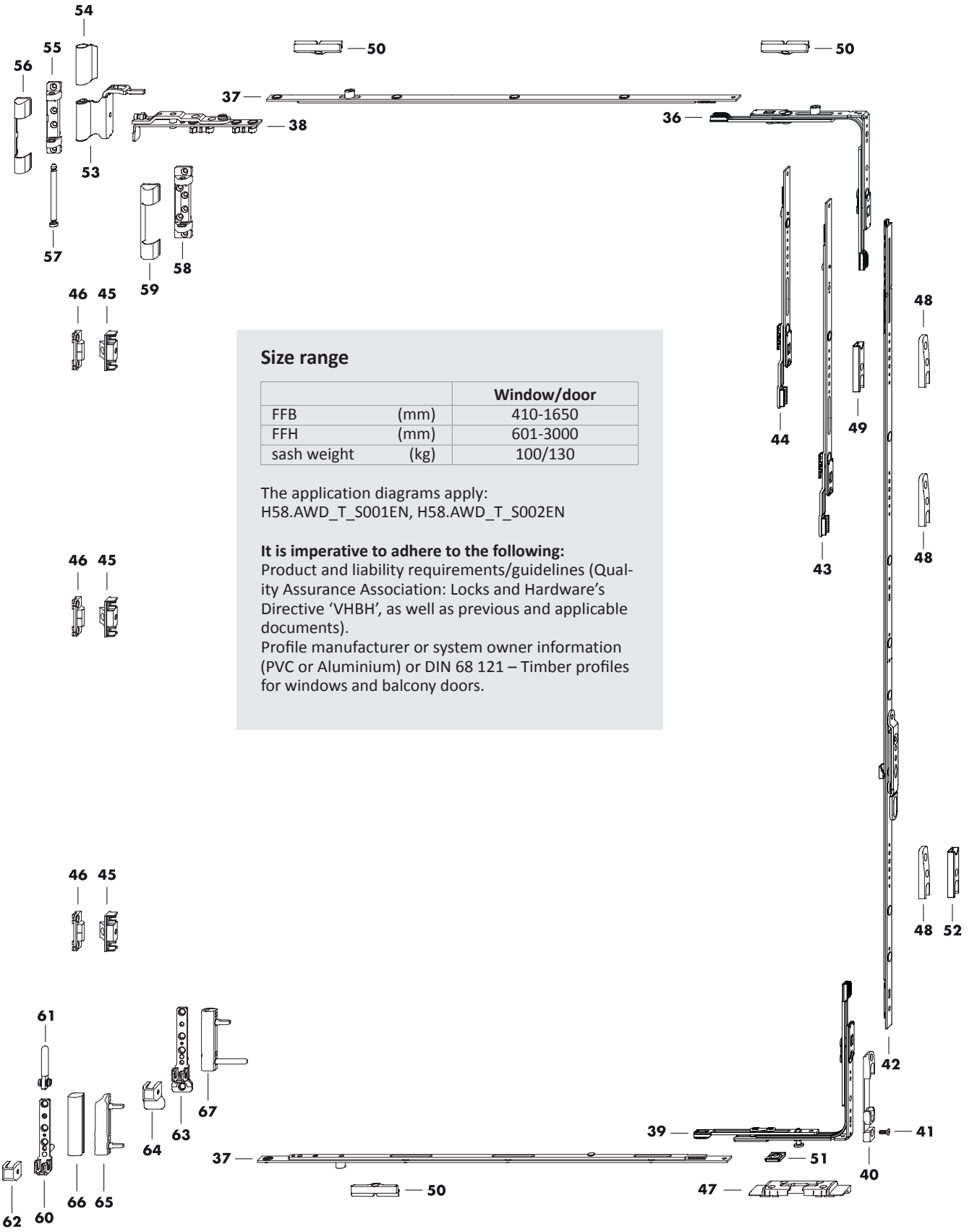
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 800; vertical tilt point
Stay side	one-piece stay
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose bottom hinge pin

hardware layout slave sash

2-sash square tilt-turn/turn DSG gear
PVC GK Hinge side Si-line

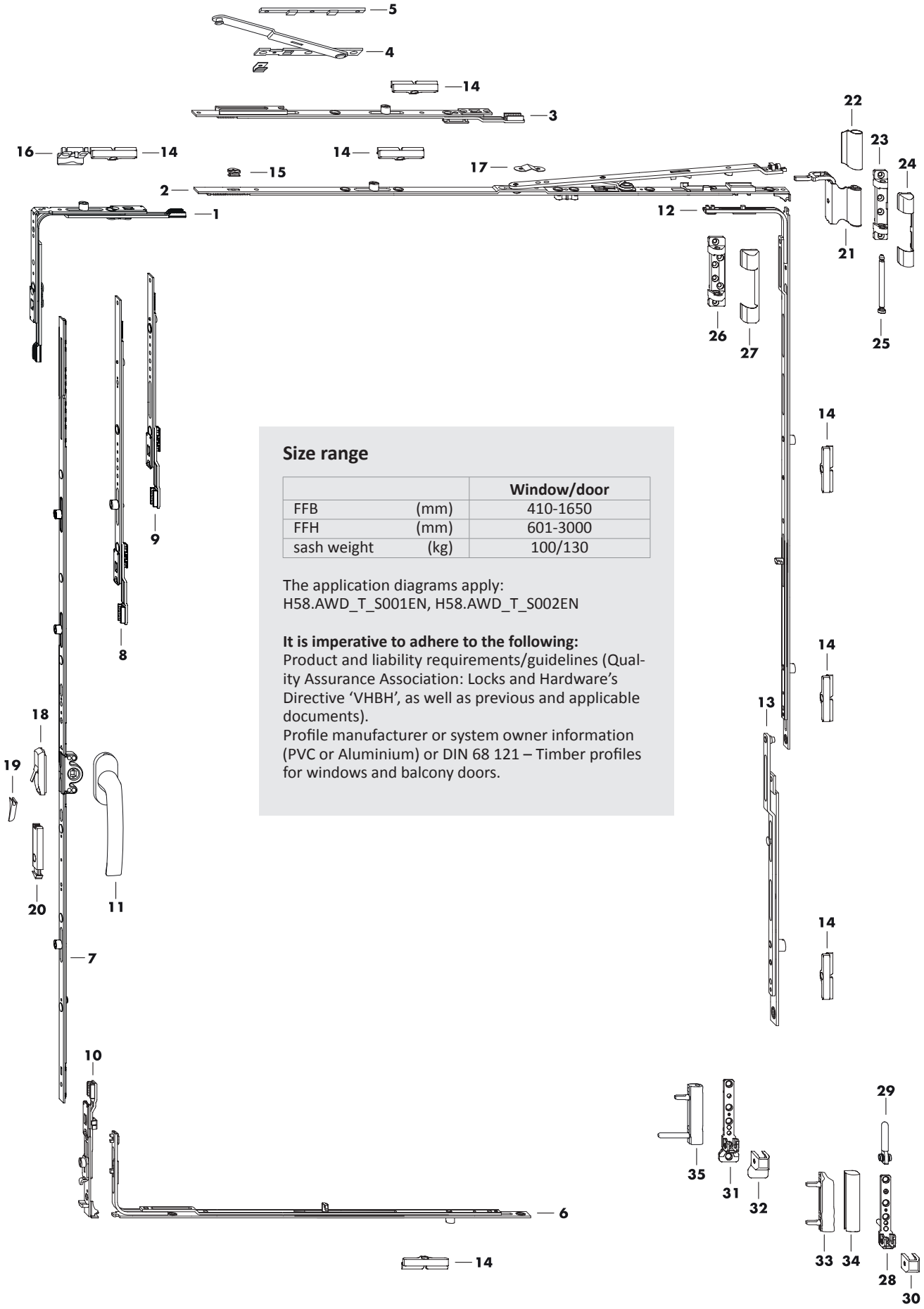


Size range

		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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Size range

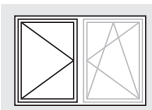
		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

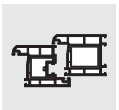
The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

It is imperative to adhere to the following:
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Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.

List of fittings slave sash

2-sash square tilt-turn/turn DSG gear
PVC GK Hinge side Si-line





Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.			
						In the main sash	47	48	49	50
36	corn.drive VSO ..	FEUL0230- ...	1	410 – 1650						1
37	centre lock sz 50	700969	2	801 – 1260						2
	centre lock sz 70	700976		1261 – 1490						2
	centre lock sz 90	700983		1491 – 1650						2
38	stay 7 DF	707340	1	410 – 1650						
39	corn.drive FAV VS 1S ..	FEUL0510- ...	1	410 – 1650			1			
40	tilt striker plate A0767	710258	1	410 – 1650						
41	count. tapp. screw 3,9x13 H ..	717950	1	410 – 1650						
42	s.sash gear16 FAV 60/300	FGKS4030- ...	1		601 – 800	300				
	s.sash gear16 FAV 80/400 1SB	FGKS4050- ...			801 – 1000	400		1		
	s.sash gear16 FAV 100/500 1SB	FGKS4060- ...			1001 – 1200	500		1		
	s.sash gear16 FAV 120/600 1SB	FGKS4070- ...			1201 – 1400	600		1		
	s.sash gear16 FAV 140/700 2SB	FGKS4290- ...			1401 – 1600	700		1		
	s.sash gear16 FAV 160/700 2SB	FGKS4330- ...			1601 – 1800	700		1		
	s.sash gear16 FAV 180/1000 2SB	FGKS4100- ...			1801 – 2000	1000		1		
	s.sash gear16 FAV 200/1000 3SB	FGKS4280- ...			2001 – 3000	1000		1		
43	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201 – 2400					
	linkage FAV sz 400 A0767	FZSZ0130- ...			2401 – 3000				1	
44	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601 – 2800				1	
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801 – 3000					
45	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					
46	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					
47	tilt lock bear. S-ES FH	Ref. PDB, FRKA								
48	striker plate f. gear MV	Ref. PDB, FRSA02								
49	striker plate 56 A0767	TRSB0020- ...								
50	striker plate S 56	Ref. PDB, TRSM								
on request										
51	run-up ..	884959	1							
52	striker plate 56 A0767	TRSB0020- ...	1		1601 – 3000					

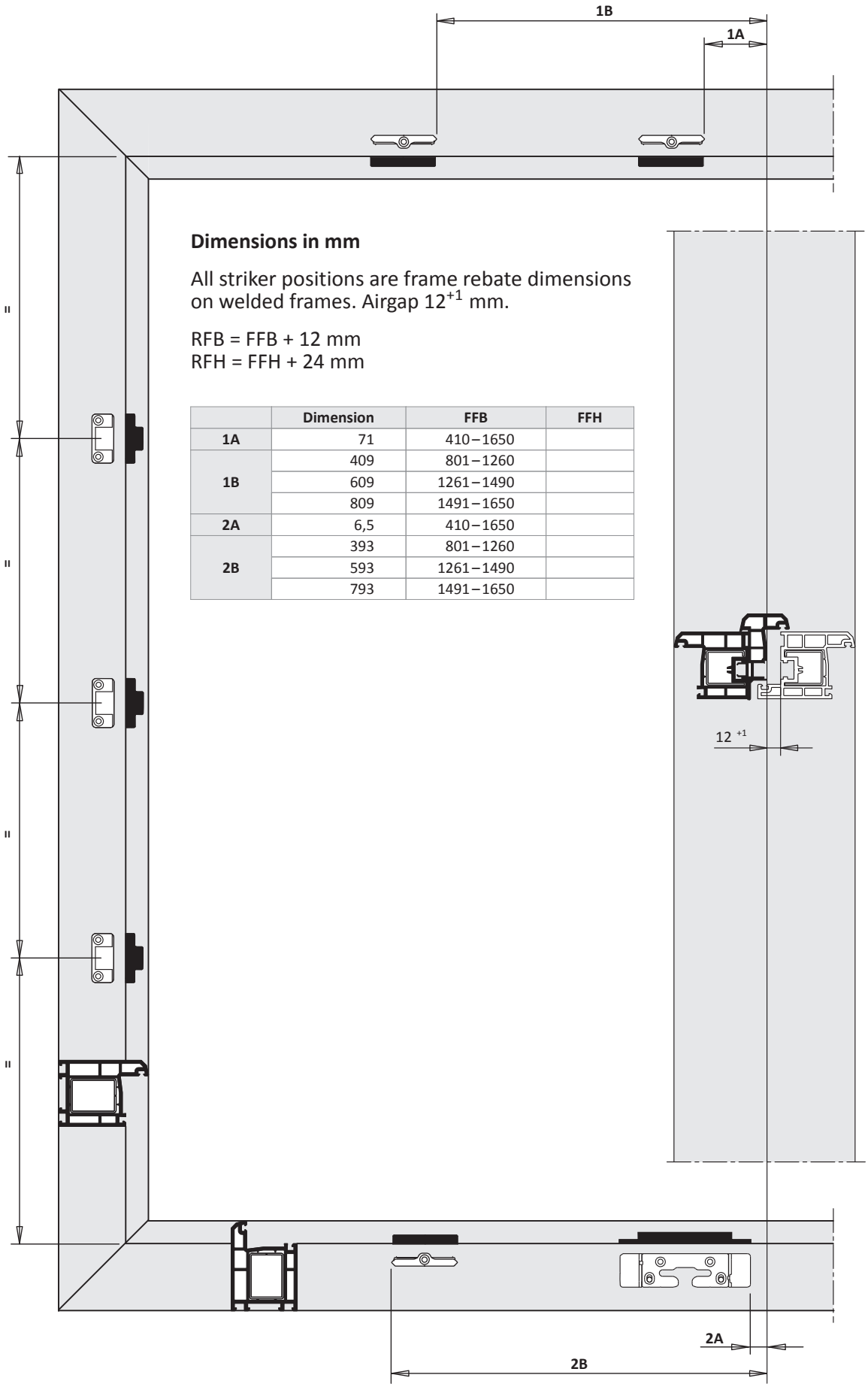
Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
53	stay hinge	Ref. PDB, FBWB			1	1
54	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
55	top hinge	Ref. PDB, FBSL01			1	
56	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
57	top hinge pin diam.6	FBSB0010-1 ...			1	1
58	top hinge S	Ref. PDB, FBSL02				1
59	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
60	bottom hinge	Ref. PDB, FBEL01			1	
61	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
62	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
63	bottom hinge S	Ref. PDB, FBEL02				1
64	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
65	corner hinge PVC	Ref. PDB, TBEB61			1	
66	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
67	corner hinge PVC130kg	Ref. PDB, TBEB63				1

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.
							14
1	corn.drive VSO ..	FEUL0230- ...	1	410 – 1650			1
2	stay 7 sz 30	707302	1	410 – 620			
	stay 7 sz 35 MV	707319		621 – 800			
	stay 7 sz 50 MV	707326		801 – 1030			1
	stay 7 sz 55 MV	707333		1031 – 1260			1
	stay 7 sz 50 MV	707326		1261 – 1490			1
	stay 7 sz 55 MV	707333		1491 – 1650			1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261 – 1650			1
4	additional stay	Ref. PDB, TSZS	1	1261 – 1650			
5	packer Z	Ref. PDB, FRUP01	1	1261 – 1650			
6	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1	801 – 1260			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...		1261 – 1490			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...		1491 – 1650			1
7	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601 – 800	300	
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801 – 1000	400	
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001 – 1200	500	
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201 – 1400	600	
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401 – 1600	700	
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601 – 1800	700	
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801 – 2000	1000	
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001 – 3000	1000	
8	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201 – 2400		
	linkage FAV sz 400 1V	FZSZ0110- ...			2401 – 3000		
9	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601 – 2800		
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801 – 3000		
10	tilt lock element FAV/FH	FEKB1010- ...	1		601 – 3000		
11	handle Globe	Ref.access. ZHGS	1		601 – 3000		
12	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		801 – 1200		1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201 – 1600		1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601 – 2000		1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001 – 3000		2
13	MV extension sz 40	700945	1		2401 – 2600		1
	MV extension sz 60	700952			2601 – 3000		1
14	striker plate S 56	Ref. PDB, TRSM					
on request							
15	location piece ..	702543	1				
16	frame part SP-S	Ref. PDB, FRZL01	1				
17	tilt restrictor ..	805701	1		601 – 800		
18	mishandling device FAV.	FFBS0110- ...	1		801 – 3000		
19	pressure piece	Ref. PDB, TFFD	1		801 – 3000		
20	snapper rh.	TFST0021- ...	1		1601 – 3000		
	snapper lh.	TFST0022- ...			1601 – 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	Ref. PDB, FBWB			1	1
22	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
23	top hinge	Ref. PDB, FBSL01			1	
24	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
25	top hinge pin diam.6	FBSB0010-1 ...			1	1
26	top hinge S	Ref. PDB, FBSL02				1
27	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
28	bottom hinge	Ref. PDB, FBEL01			1	
29	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
30	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
31	bottom hinge S	Ref. PDB, FBEL02				1
32	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
33	corner hinge PVC	Ref. PDB, TBEB61			1	
34	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
35	corner hinge PVC130kg	Ref. PDB, TBEB63				1

Frame dimensions slave sash

2-sash square tilt-turn/turn DSG gear
PVC GK Hinge side Si-line

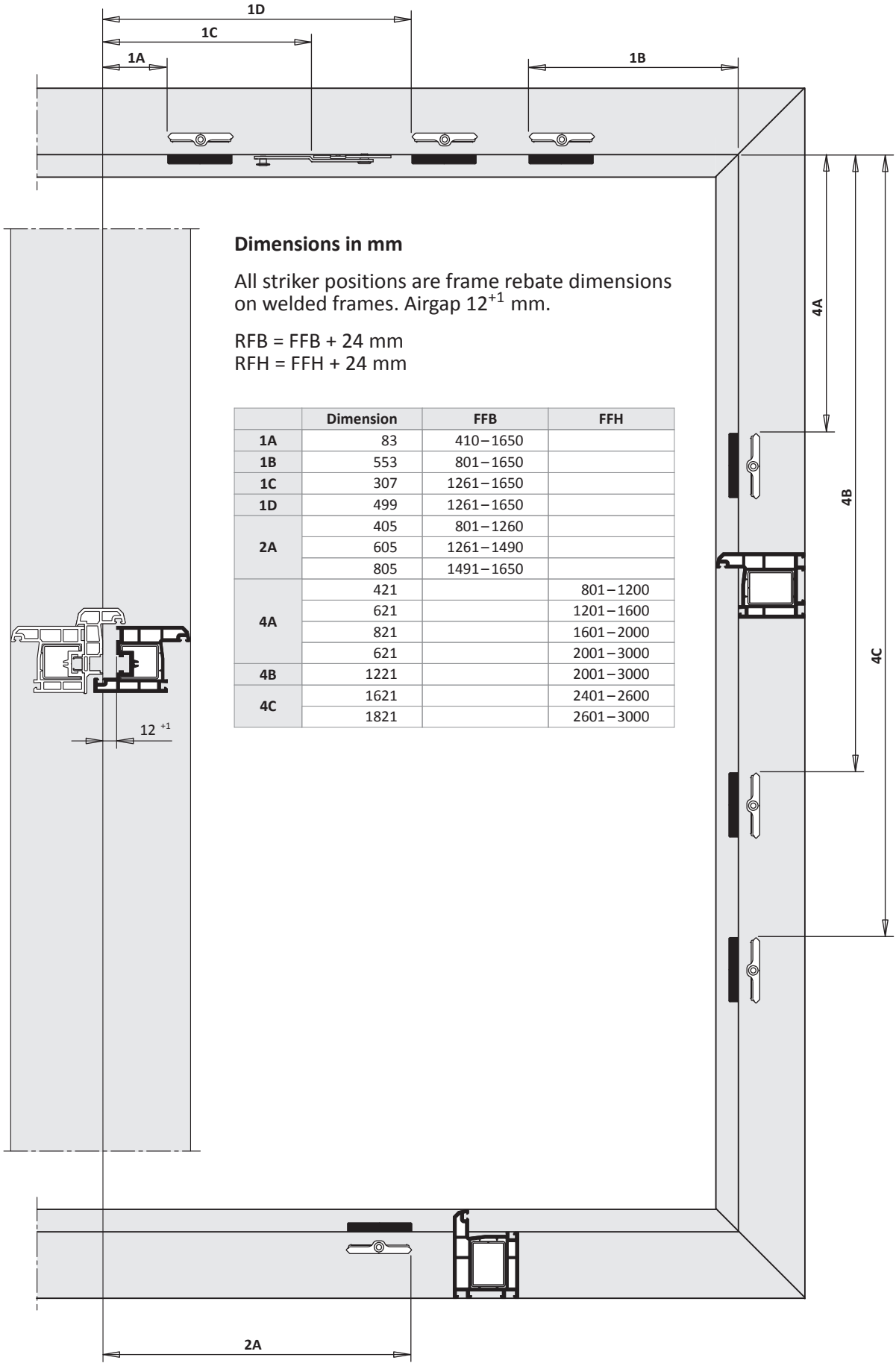


Dimensions in mm

All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	71	410 – 1650	
1B	409	801 – 1260	
	609	1261 – 1490	
	809	1491 – 1650	
2A	6,5	410 – 1650	
2B	393	801 – 1260	
	593	1261 – 1490	
	793	1491 – 1650	



Dimensions in mm

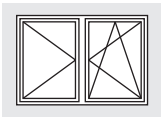
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

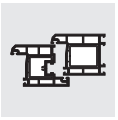
RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	410–1650	
1B	553	801–1650	
1C	307	1261–1650	
1D	499	1261–1650	
2A	405	801–1260	
	605	1261–1490	
	805	1491–1650	
4A	421		801–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4B	1221		2001–3000
4C	1621		2401–2600
	1821		2601–3000

FAVORIT

Installation instructions





without security

2-sash square tilt-turn/turn shoot bolt

PVC

without security

fixed handle position

Hinge side Si-line

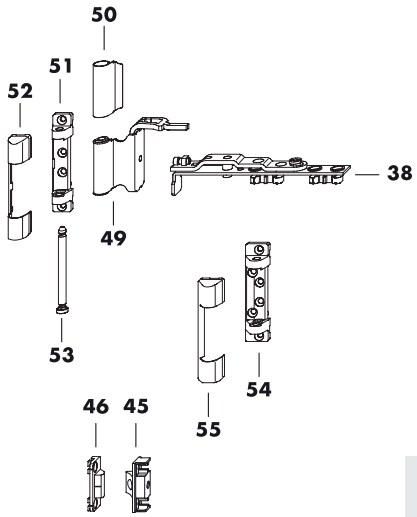
surface TS

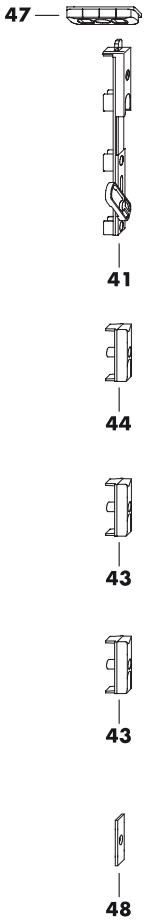
backset 15 mm

Hardware set configuration	
General	vertical tilt point
Stay side	one-piece stay
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose bottom hinge pin

hardware layout slave sash

2-sash square tilt-turn/turn shoot bolt
PVC GK Hinge side Si-line



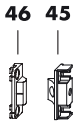


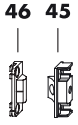
Size range

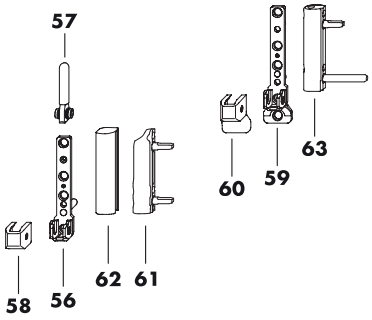
		Window/door
FFB	(mm)	230-800
FFH	(mm)	365-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

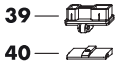
It is imperative to adhere to the following:
Product and liability requirements/guidelines (Quality Assurance Association: Locks and Hardware's Directive 'VHBH', as well as previous and applicable documents).
Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.

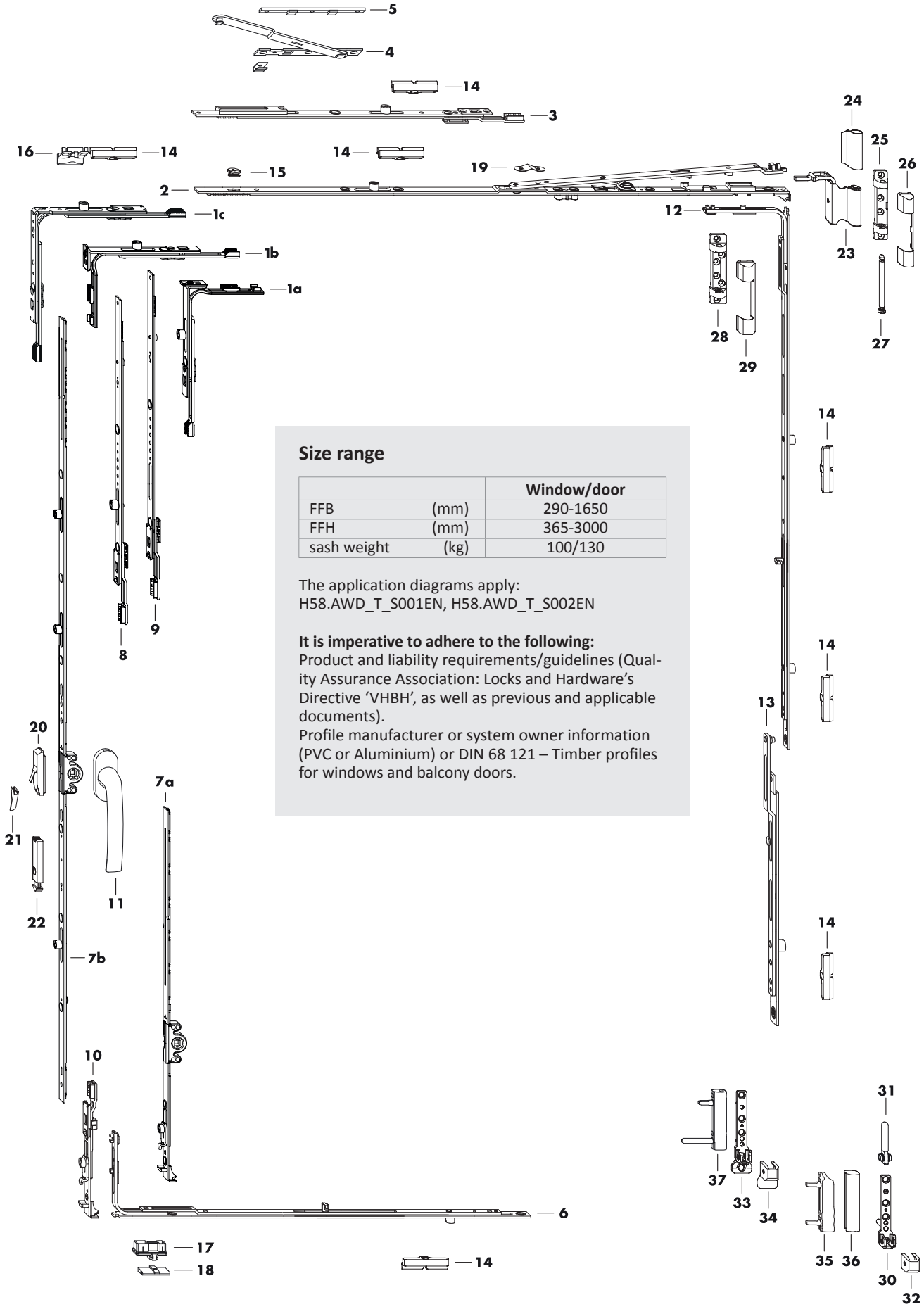












Size range

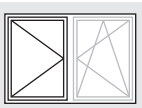
		Window/door
FFB	(mm)	290-1650
FFH	(mm)	365-3000
sash weight	(kg)	100/130

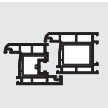
The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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.

List of fittings slave sash

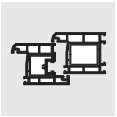
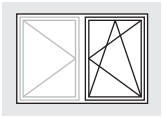
2-sash square tilt-turn/turn shoot bolt
PVC GK Hinge side Si-line





Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.
						In the main sash	47
38	stay 7 DF	707340	1	230 – 800			
39	sash lift .. A2000	TFFH0010- ...	1	230 – 800			
40	run-up FH/TiP	Ref. PDB, TRAL	1	230 – 800			
41	shoot bolt VSO A2000	701195	1		365 – 3000		1
42	shoot bolt VSU A2000	701126	1		365 – 3000		1
43	striker plate 56 A2000	TRSB0030- ...	1		801 – 1000	400	
	striker plate 56 A2000	TRSB0030- ...			1001 – 1200	500	
	striker plate 56 A2000	TRSB0030- ...			1201 – 1400	600	
	striker plate 56 A2000	TRSB0030- ...			1401 – 1600	700	
	striker plate 56 A2000	TRSB0030- ...	2		1601 – 1800	700	
	striker plate 56 A2000	TRSB0030- ...			1801 – 2000	1000	
	striker plate 56 A2000	TRSB0030- ...	3		2001 – 3000	1000	
44	striker plate 56 A2000	TRSB0030- ...	1		2401 – 3000		
45	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		
46	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		
47	striker V	Ref. PDB, FRZV01					
on request							
48	stop 2,2mm	710937	1		801 – 3000		

Hinge side turning points						
Pos.	**Description**	**Part number**			**required as per sash weight**	
		surface TS	RAL9016	RAL8019	100 kg	130 kg
49	stay hinge	Ref. PDB, FBWB			1	1
50	cover cap W PVC		FKWB0010-004 ...	836200	1	1
51	top hinge	Ref. PDB, FBSL01			1	
52	cover cap S		FKSL0010-004 ...	FKSL0010-011 ...	1	
53	top hinge pin diam.6	FBSB0010-1 ...			1	1
54	top hinge S	Ref. PDB, FBSL02				1
55	cover cap S PVC-S		FKSL0020-004 ...	835838		1
56	bottom hinge	Ref. PDB, FBEL01			1	
57	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
58	cover cap EL U		FKEU0010-004 ...	FKEU0010-011 ...	1	
59	bottom hinge S	Ref. PDB, FBEL02				1
60	cover cap EL-S U		FKEL0010-004 ...	834848		1
61	corner hinge PVC	Ref. PDB, TBEB61			1	
62	cover cap EB		TKEB0020-004 ...	TKEB0020-011 ...	1	1
63	corner hinge PVC130kg	Ref. PDB, TBEB63				1

List of fittings main sash

2-sash square tilt-turn/turn shoot bolt
PVC GK Hinge side Si-line

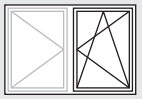
FAVORIT

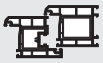
without security

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.
							14
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	290 – 410	431 – 3000		
1b	corn.drive narrow VSO ..	FEUL0520- ...	1	411 – 800	365 – 430		1
1c	corn.drive VSO ..	FEUL0230- ...	1	411 – 1650	431 – 3000		1
2	stay 7 sz 30	707302	1	290 – 620			
	stay 7 sz 35 MV	707319		621 – 800			
	stay 7 sz 50 MV	707326		801 – 1030			1
	stay 7 sz 55 MV	707333		1031 – 1260			1
	stay 7 sz 50 MV	707326		1261 – 1490			1
	stay 7 sz 55 MV	707333		1491 – 1650			1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261 – 1650			1
4	additional stay	Ref. PDB, TSZS	1	1261 – 1650			
5	packer Z	Ref. PDB, FRUP01	1	1261 – 1650			
6	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1	801 – 1260			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...		1261 – 1490			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...		1491 – 1650			1
7a	gear 15 FAV sz 30/G180	FGKK4010- ...	1	411 – 800	365 – 430		
	gear 15 FAV sz 30/G180	FGKK4010- ...			431 – 600	180	
7b	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601 – 800	300	
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801 – 1000	400	
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001 – 1200	500	
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201 – 1400	600	
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401 – 1600	700	
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601 – 1800	700	
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801 – 2000	1000	
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001 – 3000	1000	
8	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201 – 2400		
	linkage FAV sz 400 1V	FZSZ0110- ...			2401 – 3000		
9	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601 – 2800		
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801 – 3000		
10	tilt lock element FAV/FH	FEKB1010- ...	1		601 – 3000		
11	handle Globe	Ref.access. ZHGS	1		365 – 3000		
12	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		801 – 1200		1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201 – 1600		1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601 – 2000		1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001 – 3000		2
13	MV extension sz 40	700945	1		2401 – 2600		1
	MV extension sz 60	700952			2601 – 3000		1
14	striker plate S 56	Ref. PDB, TRSM					
on request							
15	location piece ..	702543	1				
16	frame part SP-S	Ref. PDB, FRZL01	1				
17	sash lift .. A2000	TFFH0010- ...	1		365 – 600		
18	run-up FH/TiP	Ref. PDB, TRAL	1		365 – 600		
19	tilt restrictor ..	805701	1		365 – 800		
20	mishandling device FAV.	FFBS0110- ...	1				
21	pressure piece	Ref. PDB, TFFD	1				
22	snapper rh.	TFST0021- ...	1		1801 – 3000		
	snapper lh.	TFST0022- ...			1801 – 3000		

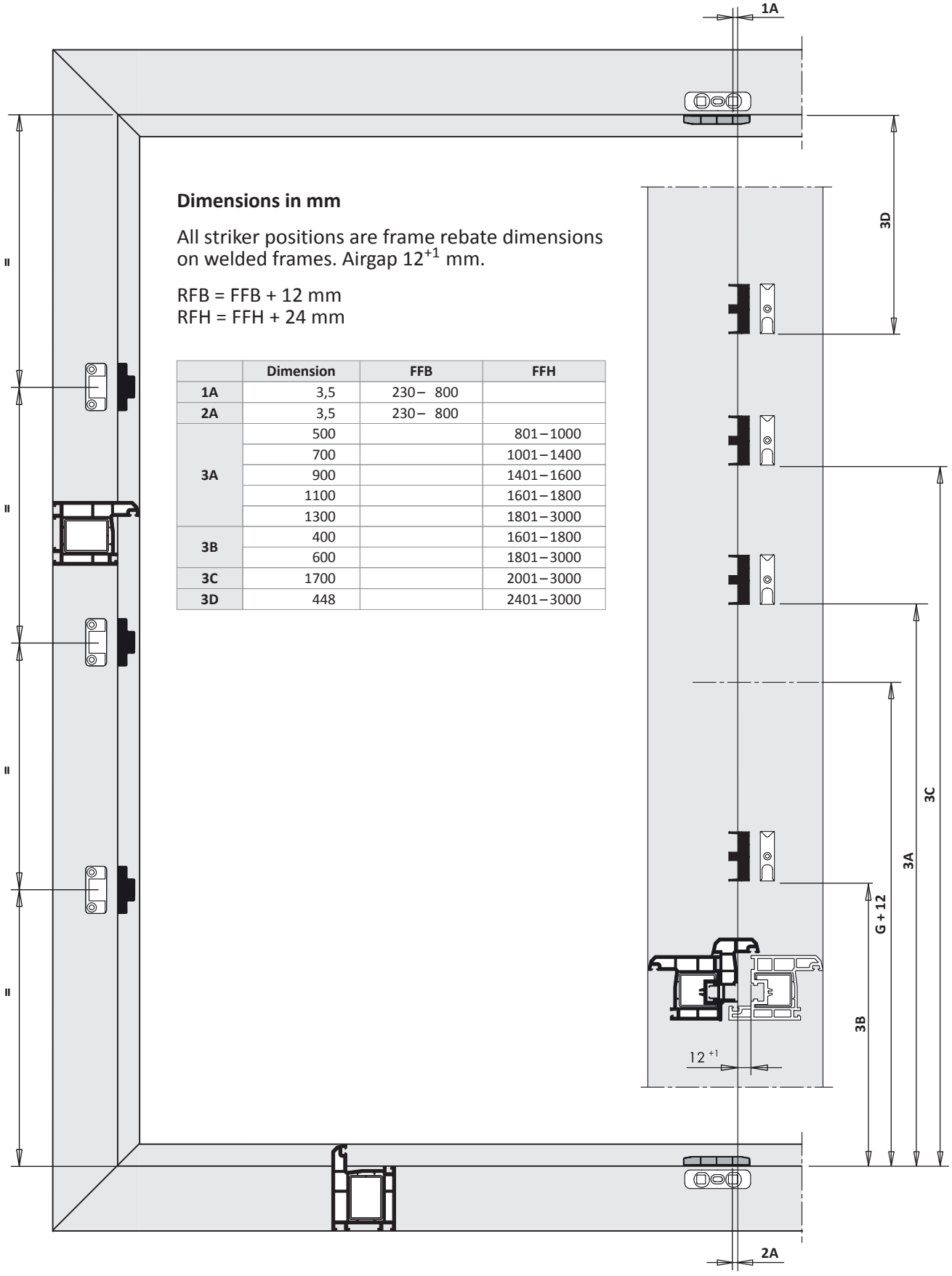
List of fittings main sash

2-sash square tilt-turn/turn shoot bolt
PVC GK Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8019	100 kg	130 kg
23	stay hinge	Ref. PDB, FBWB			1	1
24	cover cap W PVC		FKWB0010-004 ...	836200	1	1
25	top hinge	Ref. PDB, FBSL01			1	
26	cover cap S		FKSL0010-004 ...	FKSL0010-011 ...	1	
27	top hinge pin diam.6	FBSB0010-1 ...			1	1
28	top hinge S	Ref. PDB, FBSL02				1
29	cover cap S PVC-S		FKSL0020-004 ...	835838		1
30	bottom hinge	Ref. PDB, FBEL01			1	
31	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
32	cover cap EL U		FKEU0010-004 ...	FKEU0010-011 ...	1	
33	bottom hinge S	Ref. PDB, FBEL02				1
34	cover cap EL-S U		FKEL0010-004 ...	834848		1
35	corner hinge PVC	Ref. PDB, TBEB61			1	
36	cover cap EB		TKEB0020-004 ...	TKEB0020-011 ...	1	1
37	corner hinge PVC130kg	Ref. PDB, TBEB63				1



Dimensions in mm

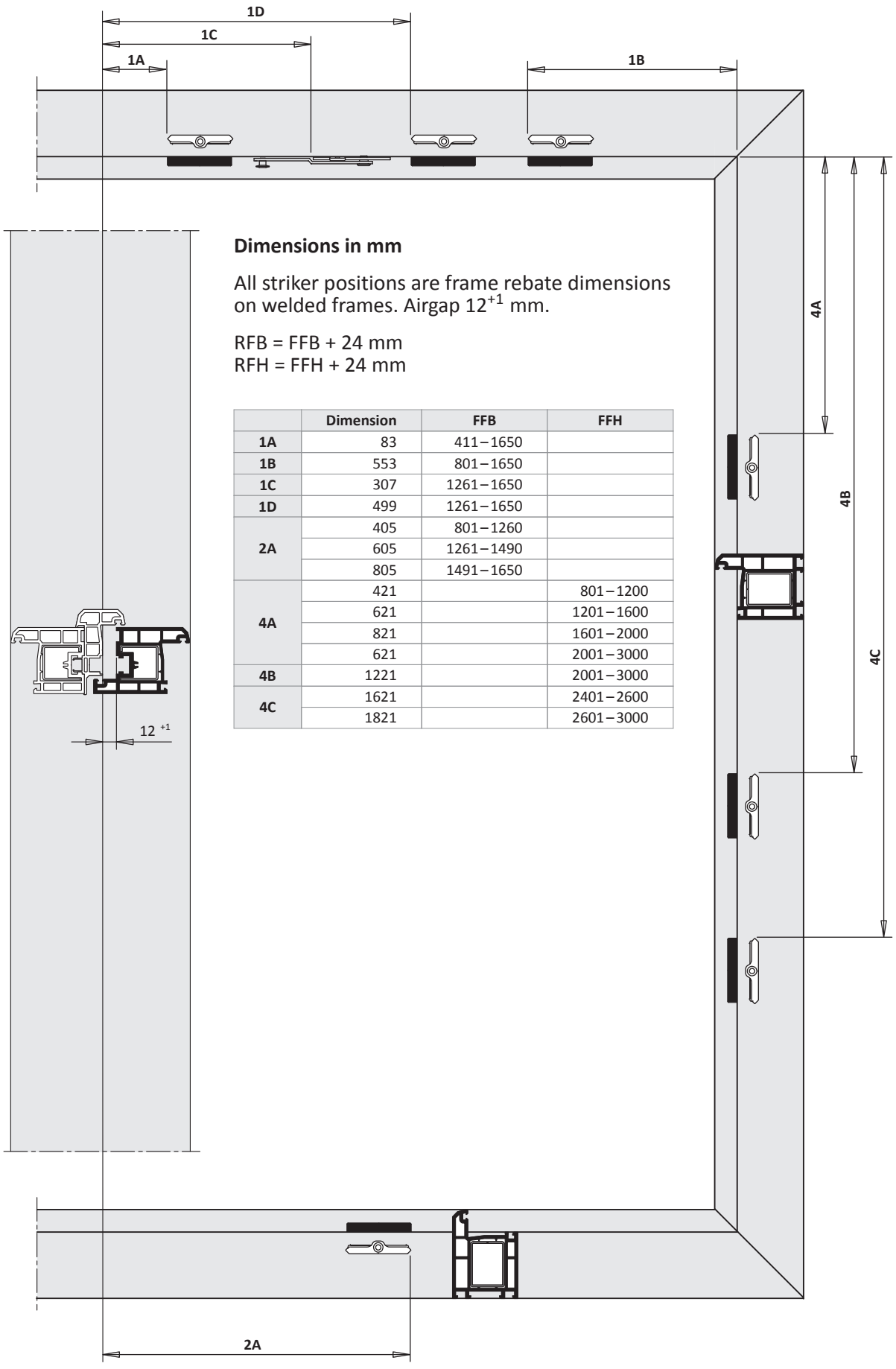
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	3,5	230 – 800	
2A	3,5	230 – 800	
3A	500		801 – 1000
	700		1001 – 1400
	900		1401 – 1600
	1100		1601 – 1800
	1300		1801 – 3000
3B	400		1601 – 1800
	600		1801 – 3000
3C	1700		2001 – 3000
3D	448		2401 – 3000

Frame dimensions main sash

2-sash square tilt-turn/turn shoot bolt
PVC GK Hinge side Si-line



Dimensions in mm

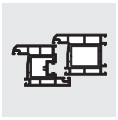
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1650	
1B	553	801–1650	
1C	307	1261–1650	
1D	499	1261–1650	
2A	405	801–1260	
	605	1261–1490	
	805	1491–1650	
4A	421		801–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4B	1221		2001–3000
4C	1621		2401–2600
	1821		2601–3000

FAVORIT

Installation instructions

GS

1-sash square tilt-turn

PVC

basic security

fixed handle position

Hinge side Si-line

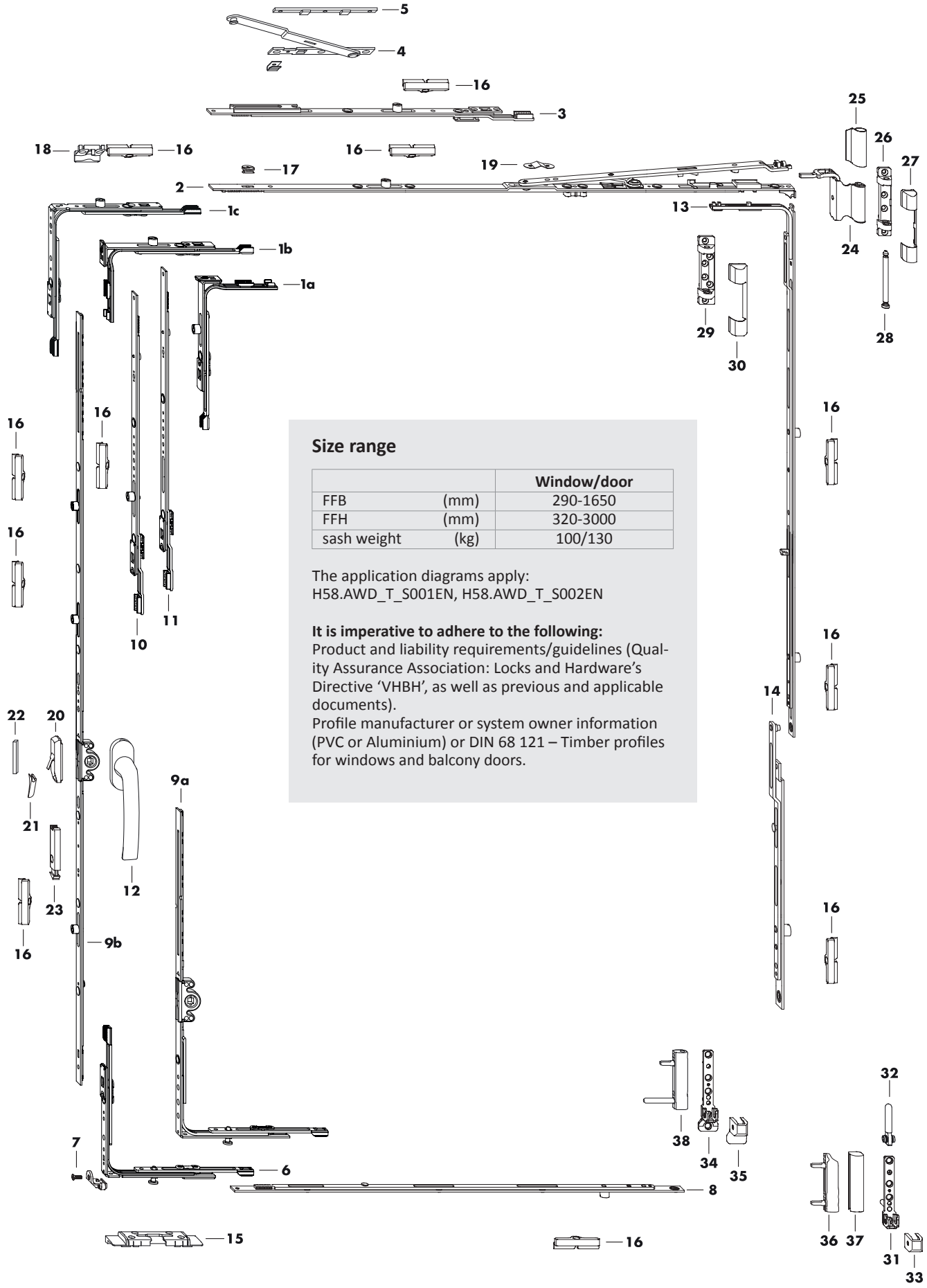
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 800
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose bottom hinge pin

hardware layout

1-sash square tilt-turn
PVC GK Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

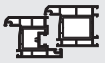
It is imperative to adhere to the following:
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Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							15	16
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	290– 410	431–3000			1
1b	corn.drive narrow VSO ..	FEUL0520- ...	1	411– 800	320– 430			1
1c	corn.drive VSO ..	FEUL0230- ...	1	411–1650	431–3000			1
2	stay 7 sz 30	707302	1	290– 620				
	stay 7 sz 35 MV	707319		621– 800				
	stay 7 sz 50 MV	707326		801–1030				1
	stay 7 sz 55 MV	707333		1031–1260				1
	stay 7 sz 50 MV	707326		1261–1490				1
	stay 7 sz 55 MV	707333		1491–1650				1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650				1
4	additional stay	Ref. PDB, TSZS	1	1261–1650				
5	packer Z	Ref. PDB, FRUP01	1	1261–1650				
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1	
7	sash lift S-ES	Ref. PDB, FMFH	1	290–1650				
8	centre lock sz 50	700969	1	801–1260				1
	centre lock sz 70	700976		1261–1490				1
	centre lock sz 90	700983		1491–1650				1
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1	
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...		290–1260	431– 600	180	1	
9b	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601– 800	300		
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801–1000	400		1
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001–1200	500		1
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201–1400	600		1
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401–1600	700		1
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601–1800	700		2
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801–2000	1000		2
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001–3000	1000		3
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201–2400			
	linkage FAV sz 400 1V	FZSZ0110- ...			2401–3000			1
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601–2800			
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801–3000			
12	handle Globe	Ref.access. ZHGS	1		320–3000			
13	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		801–1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1600			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601–2000			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001–3000			2
14	MV extension sz 40	700945	1		2401–2600			1
	MV extension sz 60	700952			2601–3000			1
15	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
16	striker plate S 56	Ref. PDB, TRSM						
on request								
17	location piece ..	702543	1					
18	frame part SP-S	Ref. PDB, FRZL01	1					
19	tilt restrictor ..	805701	1		320– 800			
20	mishandling device FAV.	FFBS0110- ...	1					
21	pressure piece	Ref. PDB, TFFD	1					
22	stop	Ref. PDB, FRZF01	1					
23	snapper rh.	TFST0021- ...	1		1801–3000			
	snapper lh.	TFST0022- ...			1801–3000			

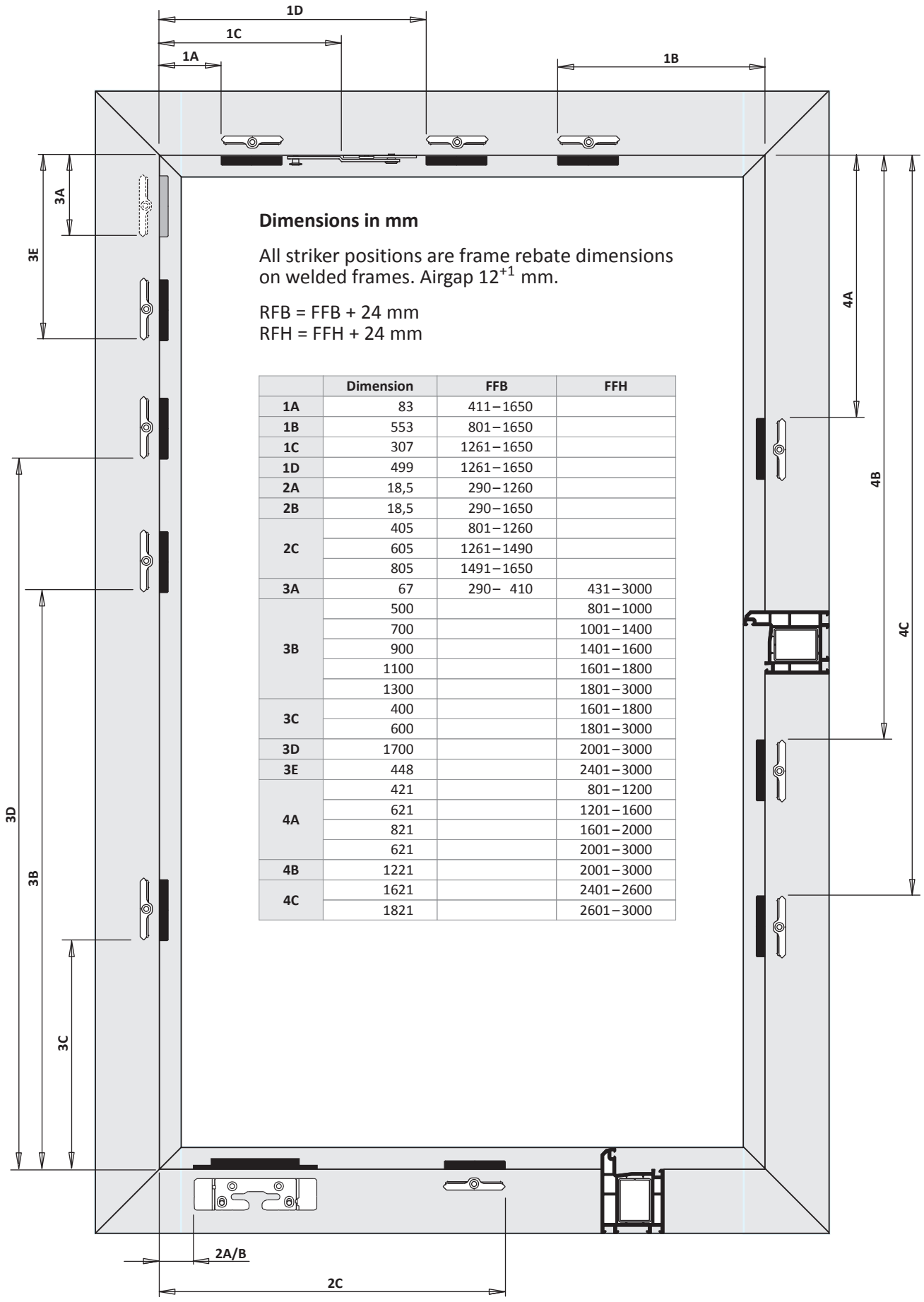
List of fittings

1-sash square tilt-turn
PVC GK Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
24	stay hinge	Ref. PDB, FBWB			1	1
25	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
26	top hinge	Ref. PDB, FBSL01			1	
27	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
28	top hinge pin diam.6	FBSB0010-1 ...			1	1
29	top hinge S	Ref. PDB, FBSL02				1
30	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
31	bottom hinge	Ref. PDB, FBEL01			1	
32	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
33	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
34	bottom hinge S	Ref. PDB, FBEL02				1
35	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
36	corner hinge PVC	Ref. PDB, TBEB61			1	
37	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
38	corner hinge PVC130kg	Ref. PDB, TBEB63				1



Dimensions in mm

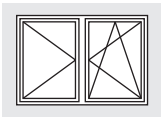
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1650	
1B	553	801–1650	
1C	307	1261–1650	
1D	499	1261–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	801–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
3B	500		801–1000
	700		1001–1400
	900		1401–1600
	1100		1601–1800
	1300		1801–3000
3C	400		1601–1800
	600		1801–3000
3D	1700		2001–3000
3E	448		2401–3000
4A	421		801–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4B	1221		2001–3000
4C	1621		2401–2600
	1821		2601–3000

FAVORIT

Installation instructions



GS

2-sash square tilt-turn/turn DSG gear

PVC

basic security

fixed handle position

Hinge side Si-line

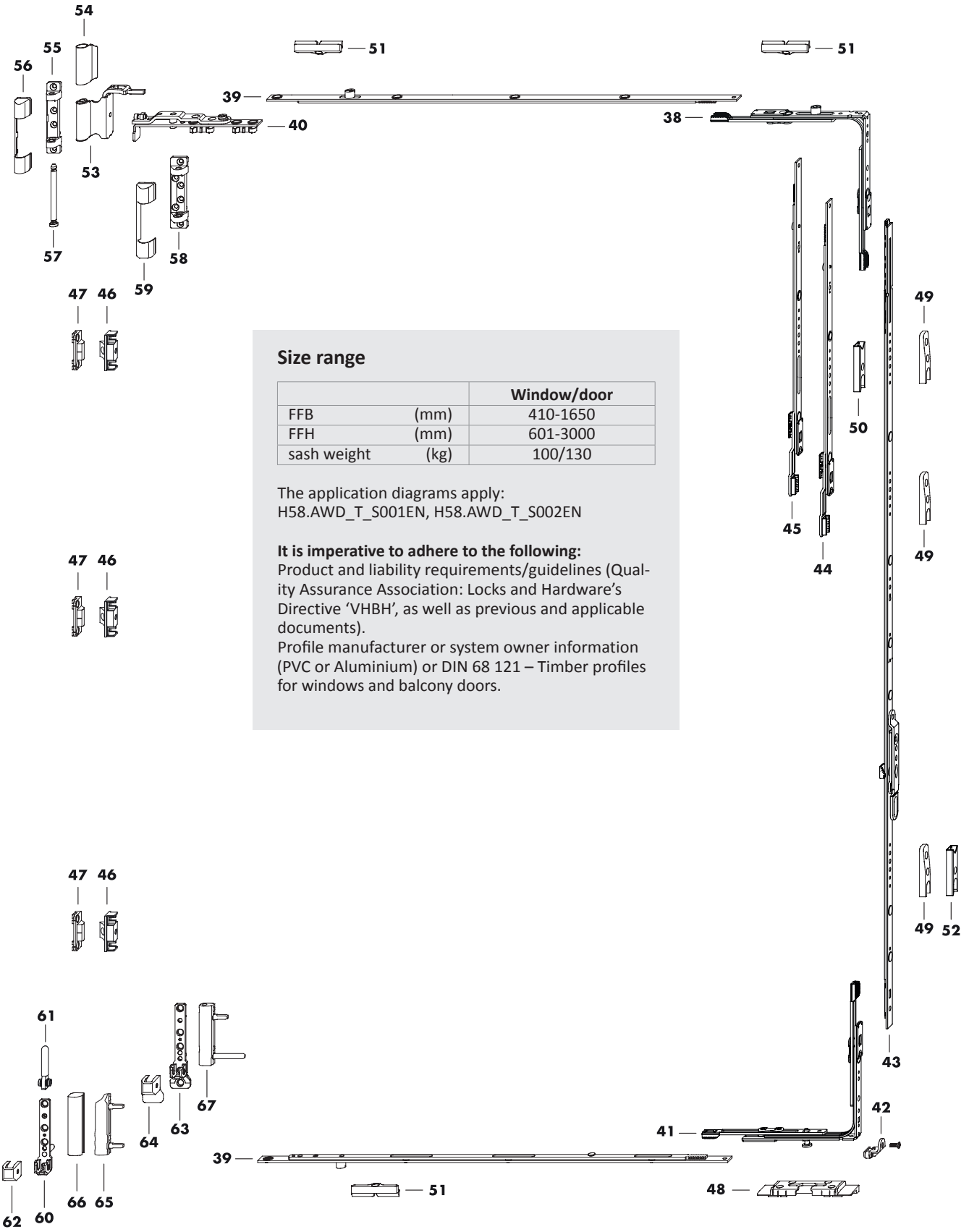
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 800
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose bottom hinge pin

hardware layout slave sash

2-sash square tilt-turn/turn DSG gear
PVC GK Hinge side Si-line

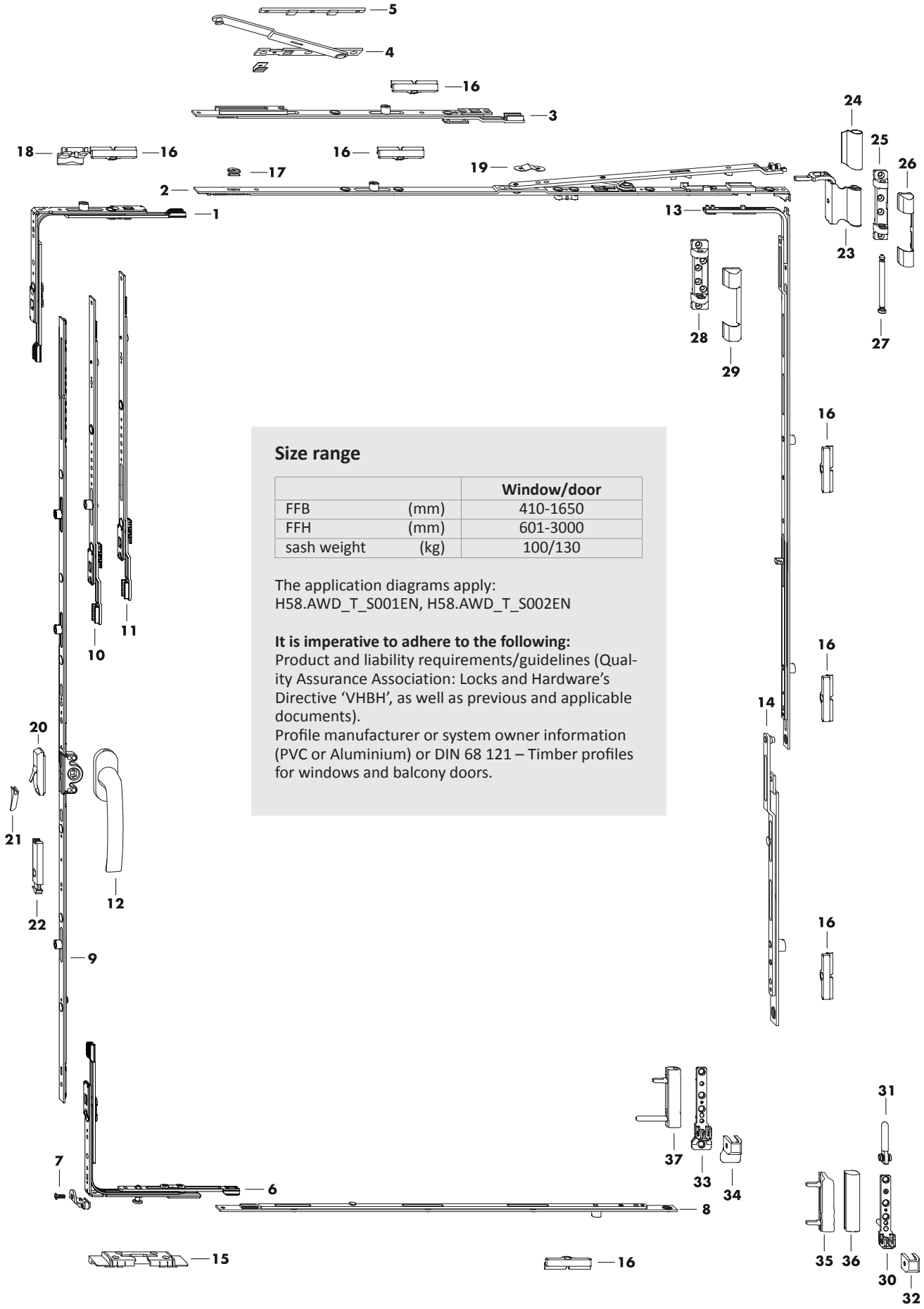


Size range

		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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Size range

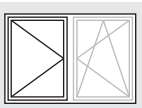
		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

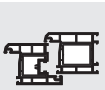
The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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List of fittings slave sash

2-sash square tilt-turn/turn DSG gear
PVC GK Hinge side Si-line





Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.			
						In the main sash	48	49	50	51
38	corn.drive VSO ..	FEUL0230- ...	1	410 – 1650						1
39	centre lock sz 50	700969	2	801 – 1260						2
	centre lock sz 70	700976		1261 – 1490						2
	centre lock sz 90	700983		1491 – 1650						2
40	stay 7 DF	707340	1	410 – 1650						
41	corn.drive FAV VS 1S ..	FEUL0510- ...	1	410 – 1650			1			
42	sash lift S-ES	Ref. PDB, FMFH	1	410 – 1650						
43	s.sash gear16 FAV 60/300	FGKS4030- ...	1		601 – 800	300				
	s.sash gear16 FAV 80/400 1SB	FGKS4050- ...			801 – 1000	400		1		
	s.sash gear16 FAV 100/500 1SB	FGKS4060- ...			1001 – 1200	500		1		
	s.sash gear16 FAV 120/600 1SB	FGKS4070- ...			1201 – 1400	600		1		
	s.sash gear16 FAV 140/700 2SB	FGKS4290- ...			1401 – 1600	700		1		
	s.sash gear16 FAV 160/700 2SB	FGKS4330- ...			1601 – 1800	700		1		
	s.sash gear16 FAV 180/1000 2SB	FGKS4100- ...			1801 – 2000	1000		1		
	s.sash gear16 FAV 200/1000 3SB	FGKS4280- ...			2001 – 3000	1000		1		
44	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201 – 2400					
	linkage FAV sz 400 A0767	FZSZ0130- ...			2401 – 3000				1	
45	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601 – 2800				1	
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801 – 3000					
46	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					
47	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					
48	tilt lock bear. S-ES FH	Ref. PDB, FRKA								
49	striker plate f. gear MV	Ref. PDB, FRSA02								
50	striker plate 56 A0767	TRSB0020- ...								
51	striker plate S 56	Ref. PDB, TRSM								
on request										
52	striker plate 56 A0767	TRSB0020- ...	1		1601 – 3000					

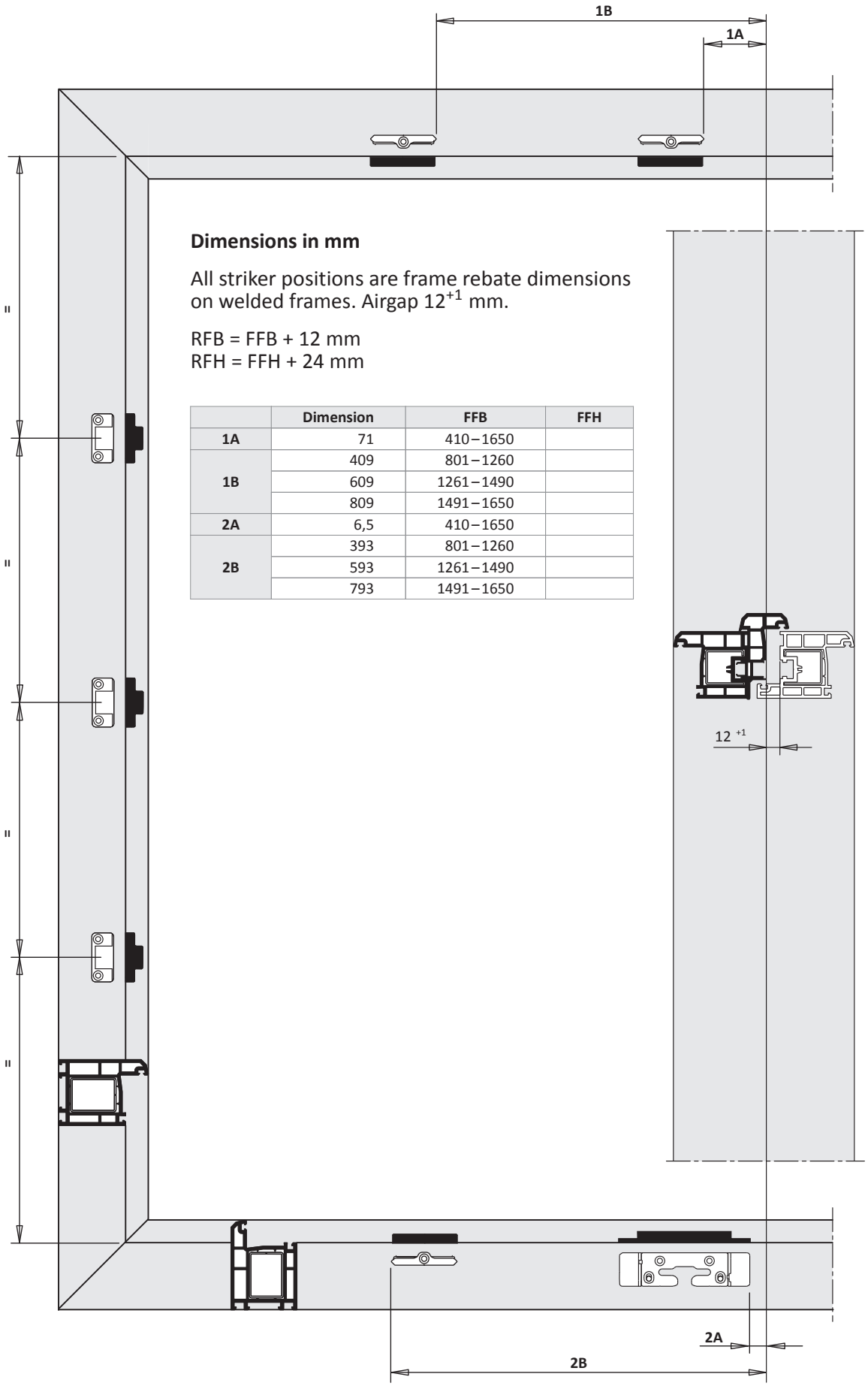
Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
53	stay hinge	Ref. PDB, FBWB			1	1
54	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
55	top hinge	Ref. PDB, FBSL01			1	
56	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
57	top hinge pin diam.6	FBSB0010-1 ...			1	1
58	top hinge S	Ref. PDB, FBSL02				1
59	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
60	bottom hinge	Ref. PDB, FBEL01			1	
61	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
62	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
63	bottom hinge S	Ref. PDB, FBEL02				1
64	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
65	corner hinge PVC	Ref. PDB, TBEB61			1	
66	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
67	corner hinge PVC130kg	Ref. PDB, TBEB63				1

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							15	16
1	corn.drive VSO ..	FEUL0230- ...	1	410 – 1650				1
2	stay 7 sz 30	707302	1	410 – 620				
	stay 7 sz 35 MV	707319		621 – 800				
	stay 7 sz 50 MV	707326		801 – 1030				1
	stay 7 sz 55 MV	707333		1031 – 1260				1
	stay 7 sz 50 MV	707326		1261 – 1490				1
	stay 7 sz 55 MV	707333		1491 – 1650				1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261 – 1650				1
4	additional stay	Ref. PDB, TSZS	1	1261 – 1650				
5	packer Z	Ref. PDB, FRUP01	1	1261 – 1650				
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	410 – 1650			1	
7	sash lift S-ES	Ref. PDB, FMFH	1	410 – 1650				
8	centre lock sz 50	700969	1	801 – 1260				1
	centre lock sz 70	700976		1261 – 1490				1
	centre lock sz 90	700983		1491 – 1650				1
9	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601 – 800	300		
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801 – 1000	400		
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001 – 1200	500		
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201 – 1400	600		
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401 – 1600	700		
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601 – 1800	700		
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801 – 2000	1000		
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001 – 3000	1000		
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201 – 2400			
	linkage FAV sz 400 1V	FZSZ0110- ...			2401 – 3000			
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601 – 2800			
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801 – 3000			
12	handle Globe	Ref.access. ZHGS	1		601 – 3000			
13	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		801 – 1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201 – 1600			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601 – 2000			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001 – 3000			2
14	MV extension sz 40	700945	1		2401 – 2600			1
	MV extension sz 60	700952			2601 – 3000			1
15	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
16	striker plate S 56	Ref. PDB, TRSM						
on request								
17	location piece ..	702543	1					
18	frame part SP-S	Ref. PDB, FRZL01	1					
19	tilt restrictor ..	805701	1		601 – 800			
20	mishandling device FAV.	FFBS0110- ...	1		801 – 3000			
21	pressure piece	Ref. PDB, TFFD	1		801 – 3000			
22	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
23	stay hinge	Ref. PDB, FBWB			1	1
24	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
25	top hinge	Ref. PDB, FBSL01			1	
26	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
27	top hinge pin diam.6	FBSB0010-1 ...			1	1
28	top hinge S	Ref. PDB, FBSL02				1
29	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
30	bottom hinge	Ref. PDB, FBEL01			1	
31	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
32	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
33	bottom hinge S	Ref. PDB, FBEL02				1
34	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
35	corner hinge PVC	Ref. PDB, TBEB61			1	
36	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
37	corner hinge PVC130kg	Ref. PDB, TBEB63				1

Frame dimensions slave sash

2-sash square tilt-turn/turn DSG gear
PVC GK Hinge side Si-line

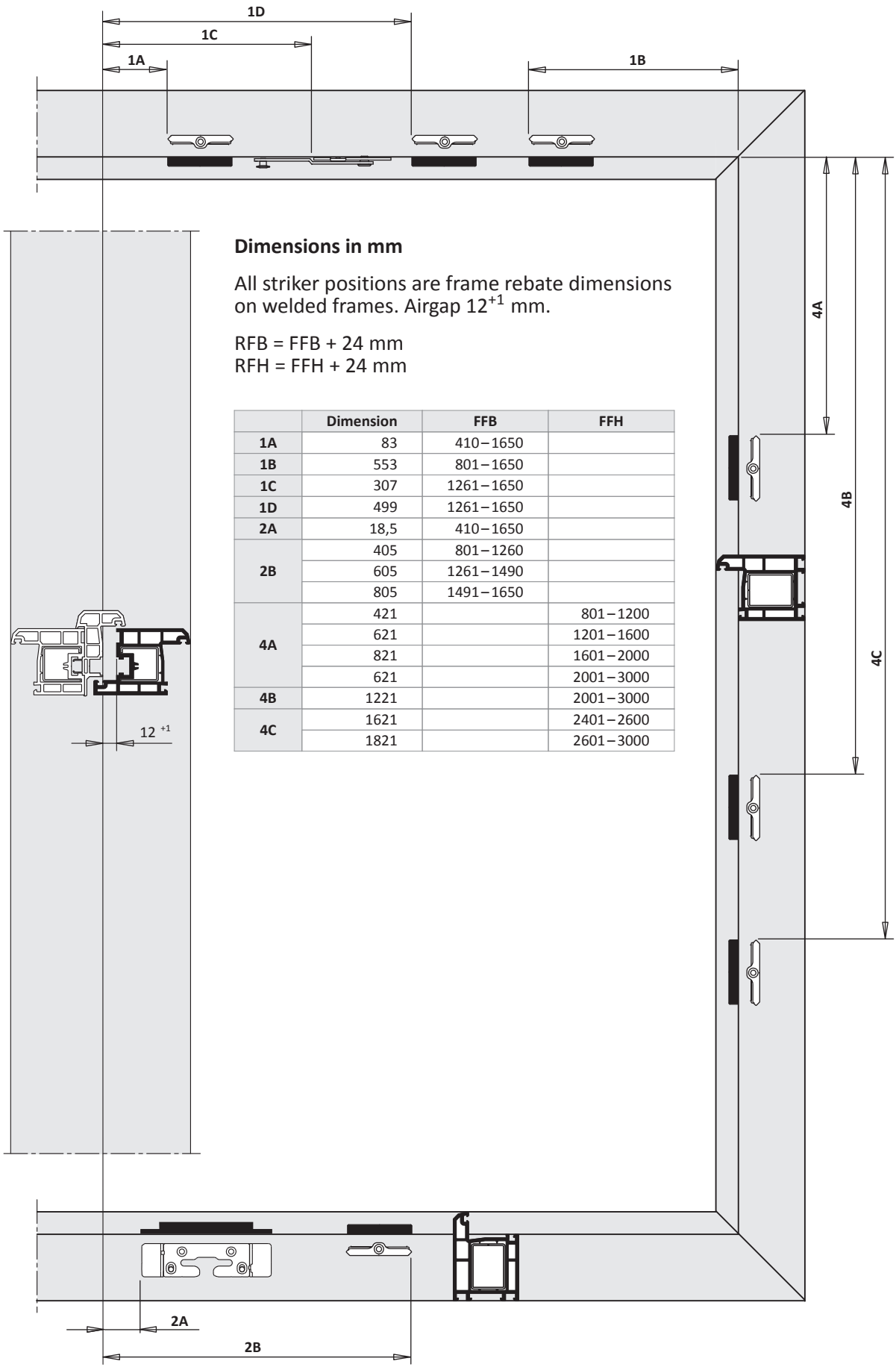


Dimensions in mm

All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	71	410 – 1650	
1B	409	801 – 1260	
	609	1261 – 1490	
	809	1491 – 1650	
2A	6,5	410 – 1650	
2B	393	801 – 1260	
	593	1261 – 1490	
	793	1491 – 1650	



Dimensions in mm

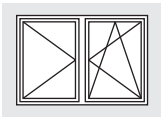
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	410–1650	
1B	553	801–1650	
1C	307	1261–1650	
1D	499	1261–1650	
2A	18,5	410–1650	
2B	405	801–1260	
	605	1261–1490	
	805	1491–1650	
4A	421		801–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4B	1221		2001–3000
4C	1621		2401–2600
	1821		2601–3000

FAVORIT

Installation instructions



GS

2-sash square tilt-turn/turn shoot bolt

PVC

basic security

fixed handle position

Hinge side Si-line

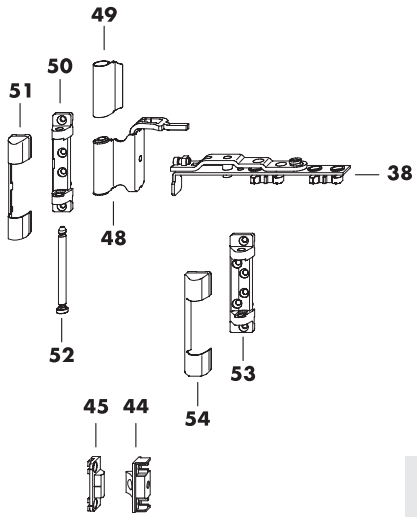
surface TS

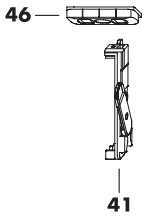
backset 15 mm

Hardware set configuration	
General	Locking-points distance 800
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose bottom hinge pin

hardware layout slave sash

2-sash square tilt-turn/turn shoot bolt
PVC GK Hinge side Si-line











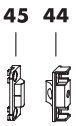


Size range

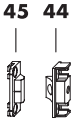
		Window/door
FFB	(mm)	230-800
FFH	(mm)	320-3000
sash weight	(kg)	100/130

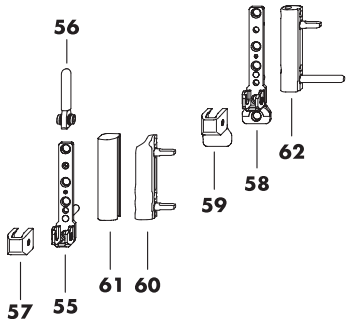
The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

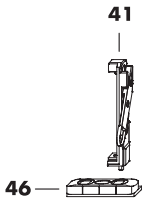
It is imperative to adhere to the following:
Product and liability requirements/guidelines (Quality Assurance Association: Locks and Hardware's Directive 'VHBH', as well as previous and applicable documents).
Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.

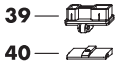


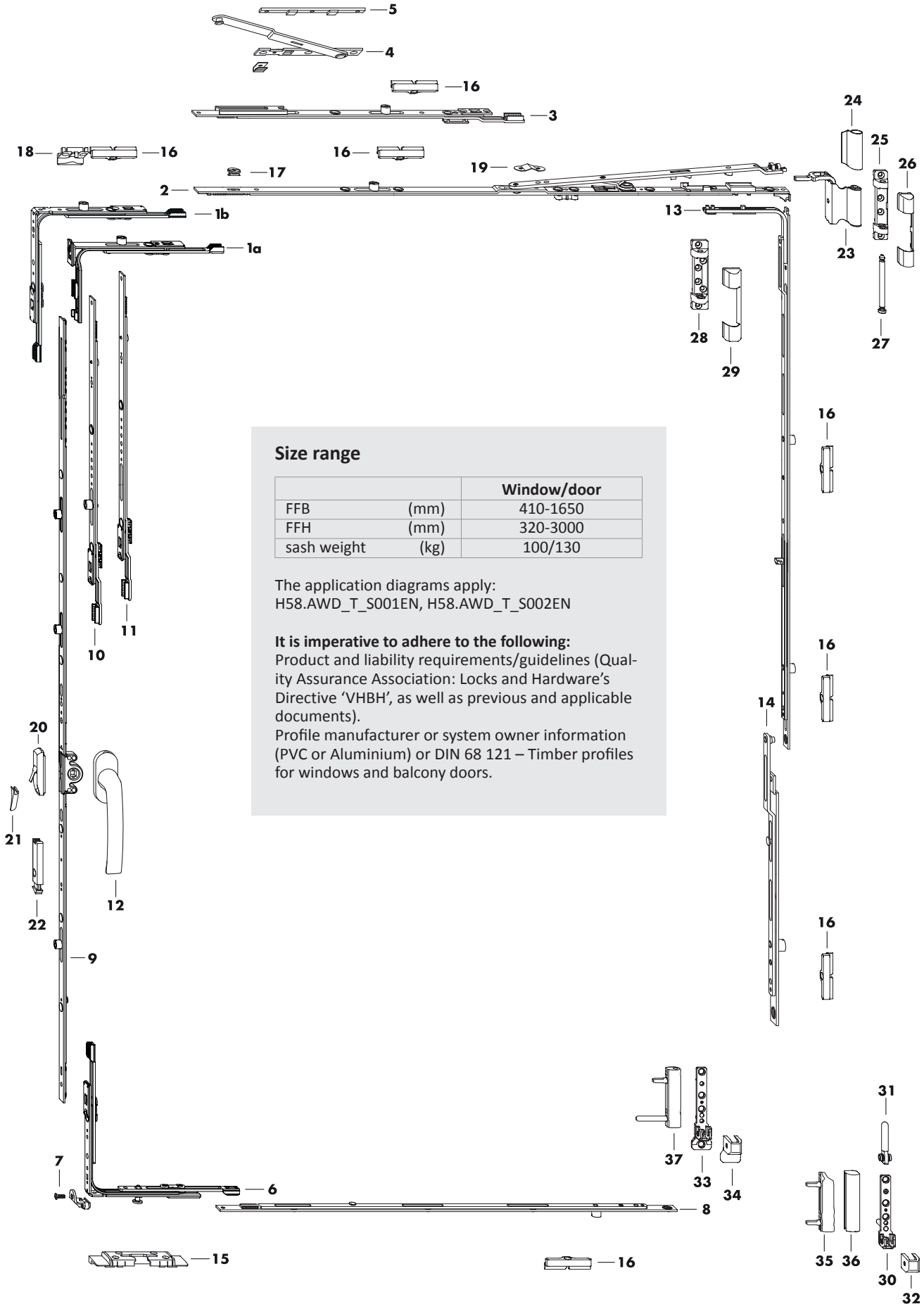












Size range

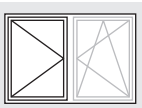
		Window/door
FFB	(mm)	410-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

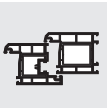
The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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.

List of fittings slave sash

2-sash square tilt-turn/turn shoot bolt
PVC GK Hinge side Si-line





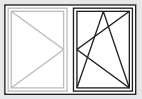
Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.
						In the main sash	46
38	stay 7 DF	707340	1	230 – 800			
39	sash lift .. A2000	TFFH0010- ...	1	230 – 800			
40	run-up FH/TiP	Ref. PDB, TRAL	1	230 – 800			
41	short shoot bolt A2000	716236	2		320 – 3000		2
42	striker plate 56 A2000	TRSB0030- ...	1		801 – 1000	400	
	striker plate 56 A2000	TRSB0030- ...			1001 – 1200	500	
	striker plate 56 A2000	TRSB0030- ...			1201 – 1400	600	
	striker plate 56 A2000	TRSB0030- ...			1401 – 1600	700	
	striker plate 56 A2000	TRSB0030- ...	2		1601 – 1800	700	
	striker plate 56 A2000	TRSB0030- ...			1801 – 2000	1000	
	striker plate 56 A2000	TRSB0030- ...	3		2001 – 3000	1000	
43	striker plate 56 A2000	TRSB0030- ...	1		2401 – 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	striker V	Ref. PDB, FRZV01					
	on request						
47	stop 2,2mm	710937	1		801 – 3000		

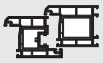
Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
48	stay hinge	Ref. PDB, FBWB			1	1
49	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
50	top hinge	Ref. PDB, FBSL01			1	
51	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
52	top hinge pin diam.6	FBSB0010-1 ...			1	1
53	top hinge S	Ref. PDB, FBSL02				1
54	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
55	bottom hinge	Ref. PDB, FBEL01			1	
56	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
57	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
58	bottom hinge S	Ref. PDB, FBEL02				1
59	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
60	corner hinge PVC	Ref. PDB, TBEB61			1	
61	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
62	corner hinge PVC130kg	Ref. PDB, TBEB63				1

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							15	16
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	410– 800	320– 430			1
1b	corn.drive VSO ..	FEUL0230- ...	1	410–1650	431–3000			1
2	stay 7 sz 30	707302	1	410– 620				
	stay 7 sz 35 MV	707319		621– 800				
	stay 7 sz 50 MV	707326		801–1030				1
	stay 7 sz 55 MV	707333		1031–1260				1
	stay 7 sz 50 MV	707326		1261–1490				1
	stay 7 sz 55 MV	707333		1491–1650				1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650				1
4	additional stay	Ref. PDB, TSZS	1	1261–1650				
5	packer Z	Ref. PDB, FRUP01	1	1261–1650				
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	410–1650	601–3000		1	
7	sash lift S-ES	Ref. PDB, FMFH	1	410–1650				
8	centre lock sz 50	700969	1	801–1260				1
	centre lock sz 70	700976		1261–1490				1
	centre lock sz 90	700983		1491–1650				1
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	410– 800	320– 430	180	1	
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...		410–1260	431– 600	180	1	
9b	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601– 800	300		
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801–1000	400		
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001–1200	500		
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201–1400	600		
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401–1600	700		
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601–1800	700		
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801–2000	1000		
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001–3000	1000		
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201–2400			
	linkage FAV sz 400 1V	FZSZ0110- ...			2401–3000			
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601–2800			
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801–3000			
12	handle Globe	Ref.access. ZHGS	1		320–3000			
13	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		801–1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1600			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601–2000			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001–3000			2
14	MV extension sz 40	700945	1		2401–2600			1
	MV extension sz 60	700952			2601–3000			1
15	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
16	striker plate S 56	Ref. PDB, TRSM						
on request								
17	location piece ..	702543	1					
18	frame part SP-S	Ref. PDB, FRZL01	1					
19	tilt restrictor ..	805701	1		320– 800			
20	mishandling device FAV.	FFBS0110- ...	1		801–3000			
21	pressure piece	Ref. PDB, TFFD	1		801–3000			
22	snapper rh.	TFST0021- ...	1		1801–3000			
	snapper lh.	TFST0022- ...			1801–3000			

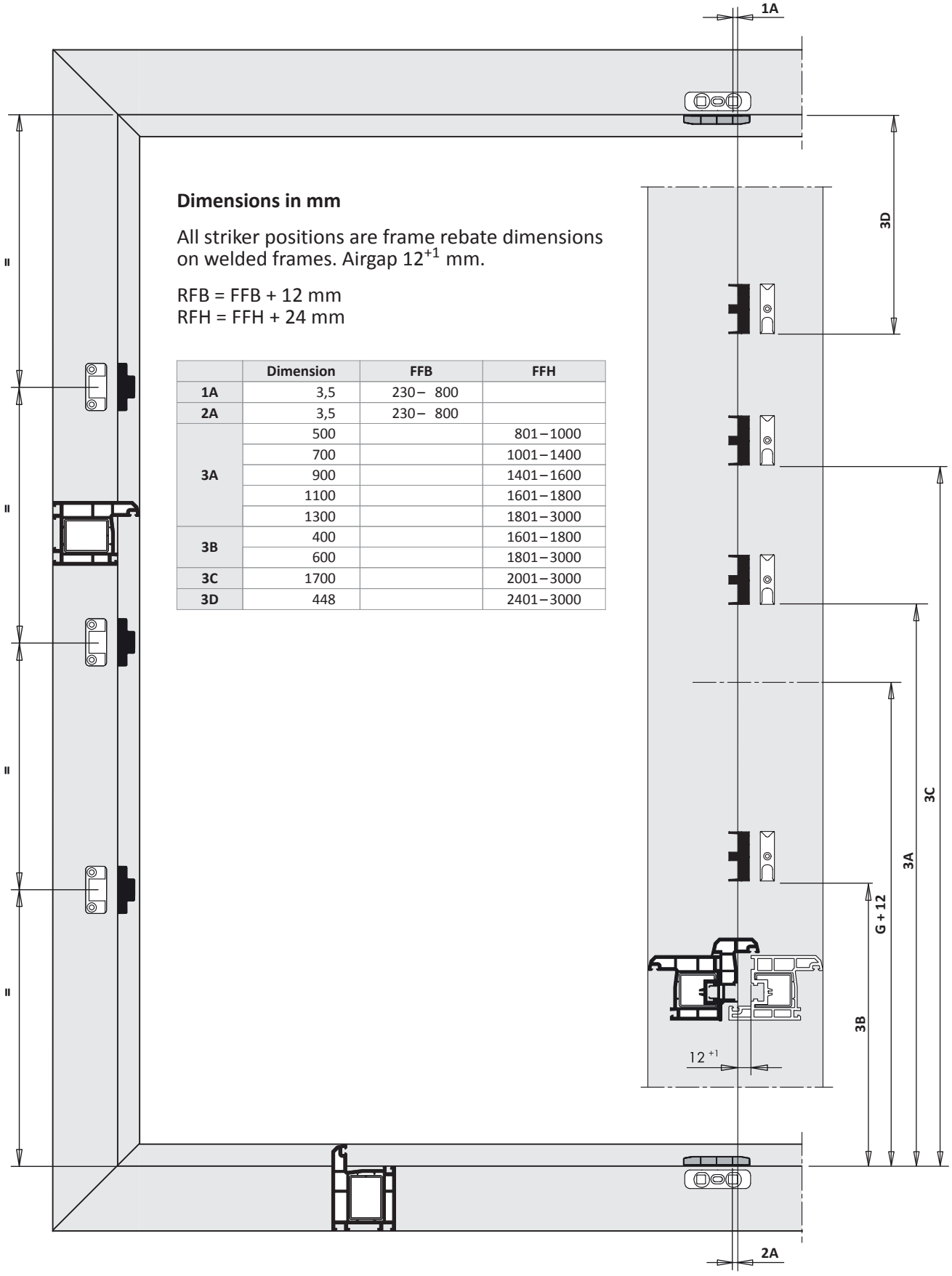
List of fittings main sash

2-sash square tilt-turn/turn shoot bolt
PVC GK Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
23	stay hinge	Ref. PDB, FBWB			1	1
24	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
25	top hinge	Ref. PDB, FBSL01			1	
26	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
27	top hinge pin diam.6	FBSB0010-1 ...			1	1
28	top hinge S	Ref. PDB, FBSL02				1
29	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
30	bottom hinge	Ref. PDB, FBEL01			1	
31	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
32	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
33	bottom hinge S	Ref. PDB, FBEL02				1
34	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
35	corner hinge PVC	Ref. PDB, TBEB61			1	
36	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
37	corner hinge PVC130kg	Ref. PDB, TBEB63				1



Dimensions in mm

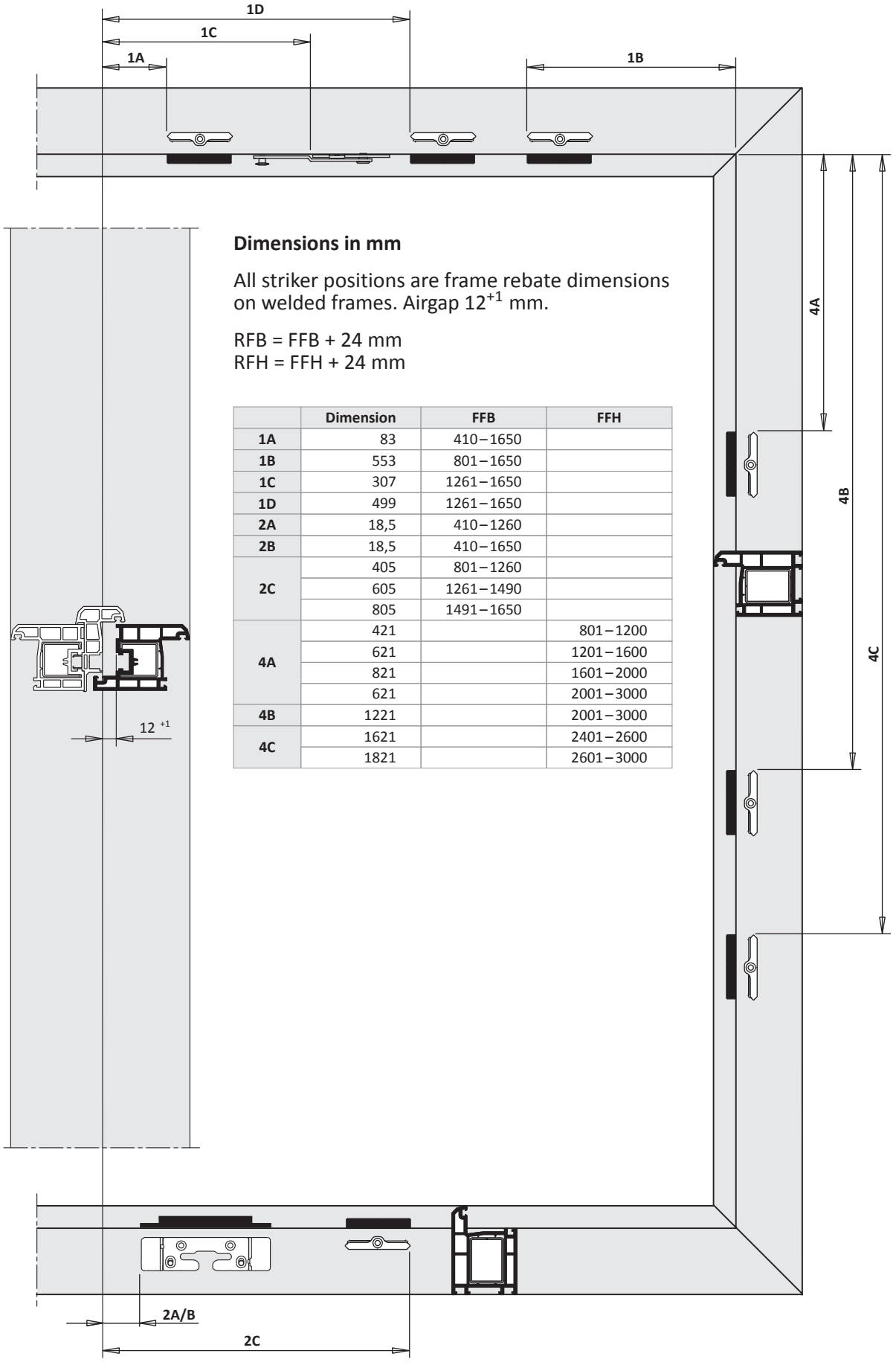
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	3,5	230 – 800	
2A	3,5	230 – 800	
3A	500		801 – 1000
	700		1001 – 1400
	900		1401 – 1600
	1100		1601 – 1800
	1300		1801 – 3000
3B	400		1601 – 1800
	600		1801 – 3000
3C	1700		2001 – 3000
3D	448		2401 – 3000

Frame dimensions main sash

2-sash square tilt-turn/turn shoot bolt
PVC GK Hinge side Si-line



Dimensions in mm

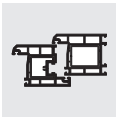
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	410–1650	
1B	553	801–1650	
1C	307	1261–1650	
1D	499	1261–1650	
2A	18,5	410–1260	
2B	18,5	410–1650	
2C	405	801–1260	
	605	1261–1490	
	805	1491–1650	
4A	421		801–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4B	1221		2001–3000
4C	1621		2401–2600
	1821		2601–3000

FAVORIT

Installation instructions

GS

1-sash square tilt before turn (TBT)

PVC

basic security

fixed handle position

Hinge side Si-line

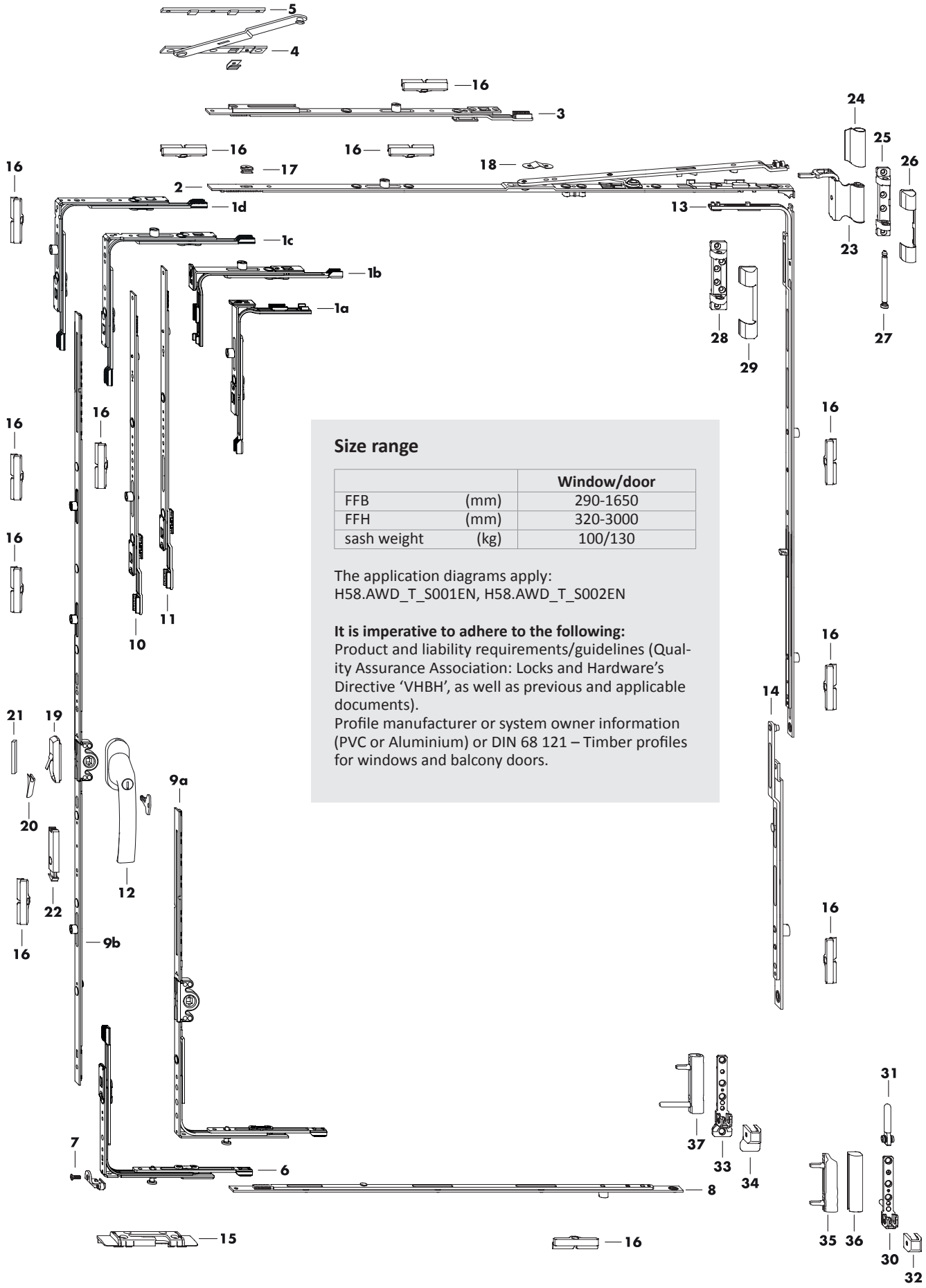
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 800
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose bottom hinge pin

hardware layout

1-sash square tilt before turn (TBT)
PVC GK Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

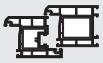
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Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							15	16
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	290– 410	431–3000			1
1b	corn.drive narrow VSO ..	FEUL0520- ...	1	411– 800	320– 430			1
1c	corn.drive VSO ..	FEUL0230- ...	1	411–1260	431–3000			1
1d	corn.drive VSO ..	FEUL0230- ...	1	1261–1650	431–3000			1
2	stay 7 TBT sz 30	707357	1	290– 620				
	stay 7 TBT sz 35 MV	707364		621– 800				
	stay 7 TBT sz 50 MV	707371		801–1030				1
	stay 7 TBT sz 55 MV	707388		1031–1260				1
	stay 7 TBT sz 50 MV	707371		1261–1490				1
	stay 7 TBT sz 55 MV	707388		1491–1650				1
3	linkage S/Z TBT FAV 1V	FZOT0100- ...	1	1261–1650				1
4	additional stay	Ref. PDB, TSZS	1	1261–1650				
5	packer Z	Ref. PDB, FRUP01	1	1261–1650				
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1	
7	sash lift S-ES	Ref. PDB, FMFH	1	290–1650				
8	centre lock sz 50	700969	1	801–1260				1
	centre lock sz 70	700976		1261–1490				1
	centre lock sz 90	700983		1491–1650				1
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1	
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...		290–1260	431– 600	180	1	
9b	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601– 800	300		
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801–1000	400		1
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001–1200	500		1
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201–1400	600		1
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401–1600	700		1
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601–1800	700		2
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801–2000	1000		2
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001–3000	1000		3
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201–2400			
	linkage FAV sz 400 1V	FZSZ0110- ...			2401–3000			1
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601–2800			
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801–3000			
12	handle Globe TBT lockable	Ref.access. ZHGT	1		320–3000			
13	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		801–1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1600			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601–2000			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001–3000			2
14	MV extension sz 40	700945	1		2401–2600			1
	MV extension sz 60	700952			2601–3000			1
15	tilt lock bear. S-ES FH TBT	Ref. PDB, FRKB						
16	striker plate S 56	Ref. PDB, TRSM						
on request								
17	location piece ..	702543	1					
18	tilt restrictor ..	805701	1		320– 800			
19	mishandling device FAV.	FFBS0110- ...	1					
20	pressure piece	Ref. PDB, TFFD	1					
21	stop	Ref. PDB, FRZF01	1					
22	snapper rh.	TFST0021- ...	1		1801–3000			
	snapper lh.	TFST0022- ...			1801–3000			

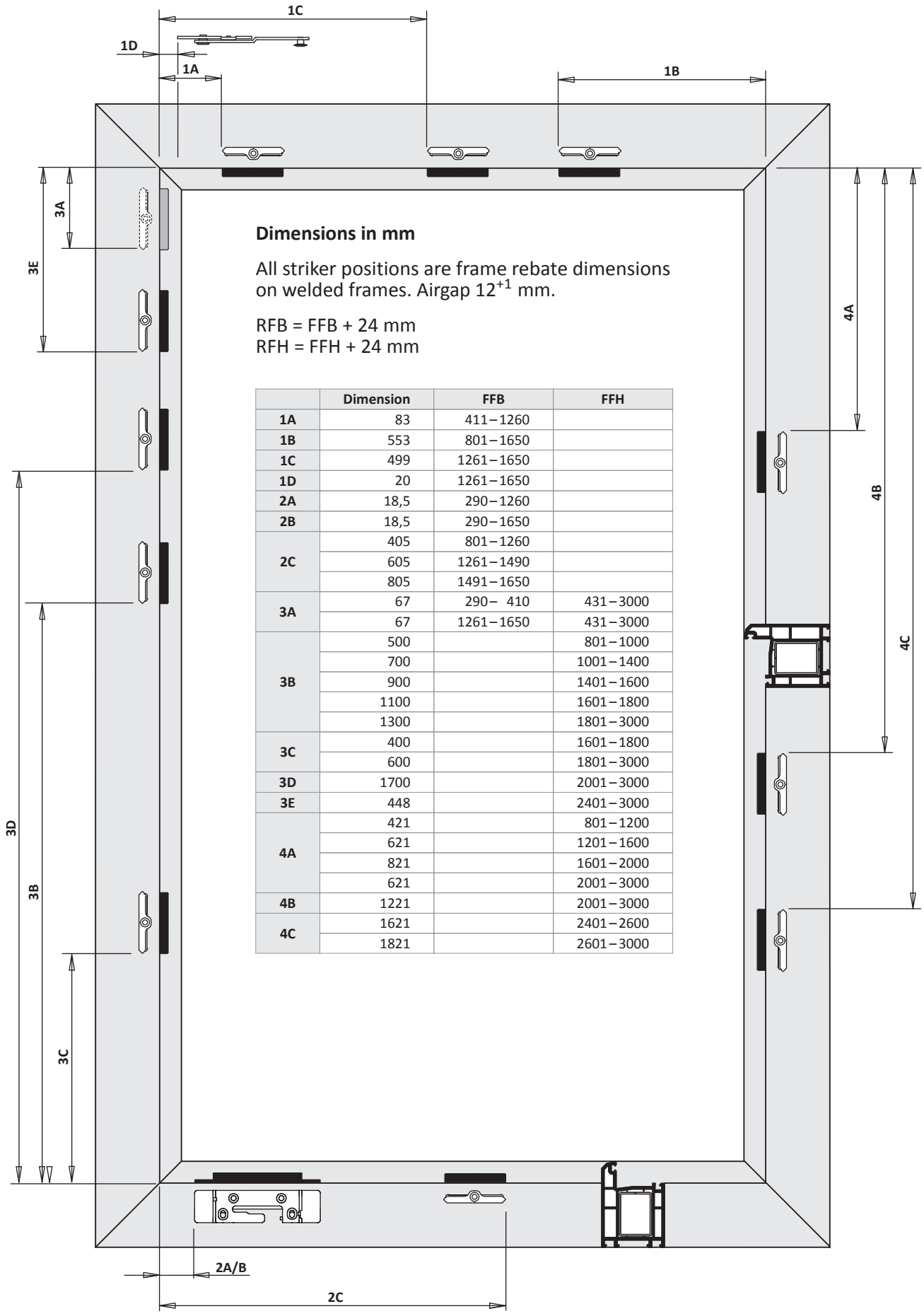
List of fittings

1-sash square tilt before turn (TBT)
PVC GK Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
23	stay hinge	Ref. PDB, FBWB			1	1
24	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
25	top hinge	Ref. PDB, FBSL01			1	
26	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
27	top hinge pin diam.6	FBSB0010-1 ...			1	1
28	top hinge S	Ref. PDB, FBSL02				1
29	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
30	bottom hinge	Ref. PDB, FBEL01			1	
31	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
32	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
33	bottom hinge S	Ref. PDB, FBEL02				1
34	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
35	corner hinge PVC	Ref. PDB, TBEB61			1	
36	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
37	corner hinge PVC130kg	Ref. PDB, TBEB63				1



Dimensions in mm

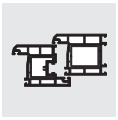
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1260	
1B	553	801–1650	
1C	499	1261–1650	
1D	20	1261–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	801–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
	67	1261–1650	431–3000
3B	500		801–1000
	700		1001–1400
	900		1401–1600
	1100		1601–1800
	1300		1801–3000
3C	400		1601–1800
	600		1801–3000
3D	1700		2001–3000
3E	448		2401–3000
4A	421		801–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4B	1221		2001–3000
4C	1621		2401–2600
	1821		2601–3000

FAVORIT

Installation instructions

GS

1-sash square tilt-turn

PVC

basic security

fixed handle position

Hinge side Si-line

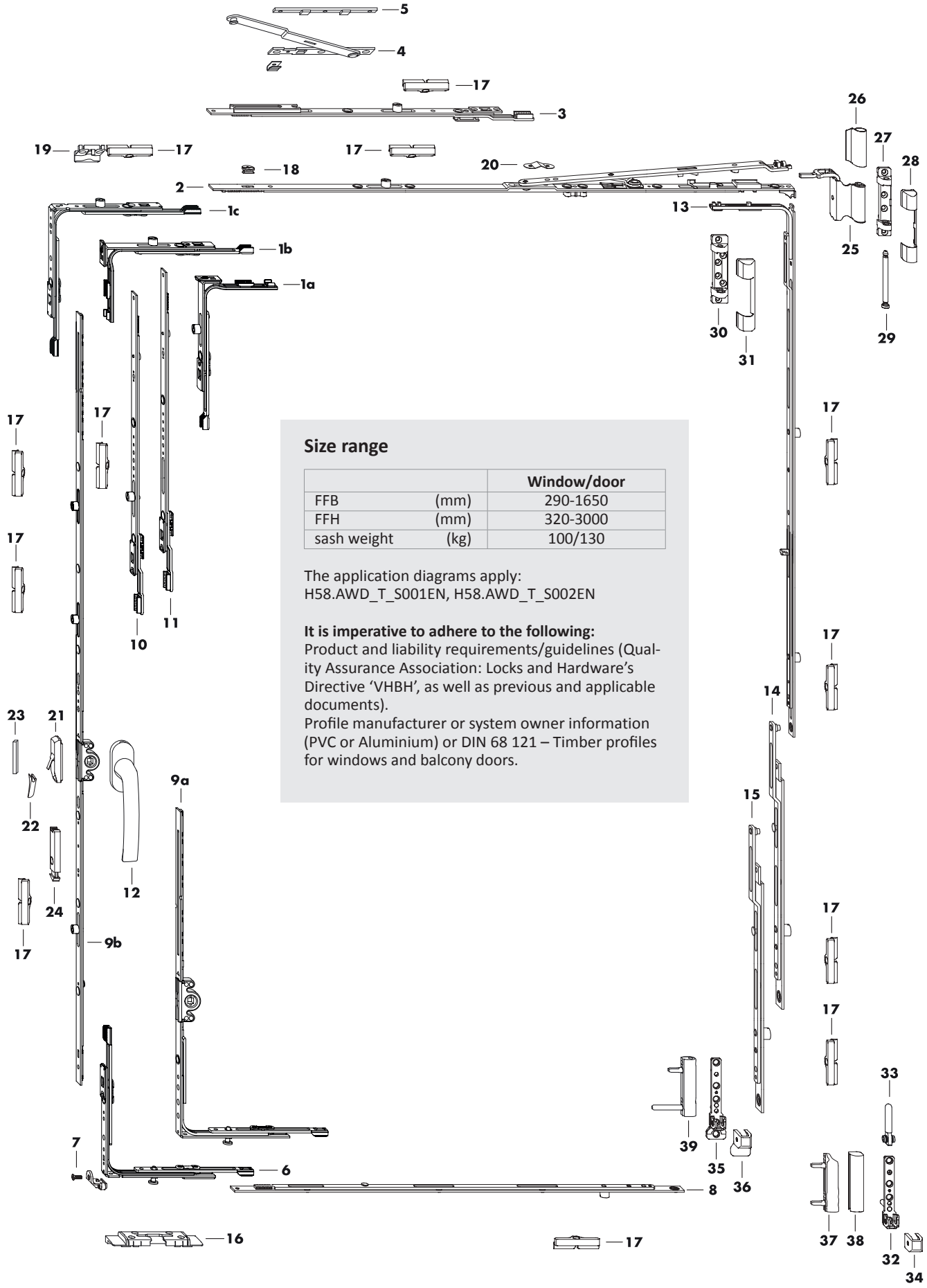
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 700
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose bottom hinge pin

hardware layout

1-sash square tilt-turn
PVC GK Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

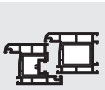
It is imperative to adhere to the following:
Product and liability requirements/guidelines (Quality Assurance Association: Locks and Hardware's Directive 'VHBH', as well as previous and applicable documents).
Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							16	17
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	290– 410	431–3000			1
1b	corn.drive narrow VSO ..	FEUL0520- ...	1	411– 800	320– 430			1
1c	corn.drive VSO ..	FEUL0230- ...	1	411–1650	431–3000			1
2	stay 7 sz 30	707302	1	290– 620				
	stay 7 sz 35 MV	707319		621– 700				
	stay 7 sz 35 MV	707319		701– 800				1
	stay 7 sz 50 MV	707326		801–1030				1
	stay 7 sz 55 MV	707333		1031–1260				1
	stay 7 sz 50 MV	707326		1261–1490				1
	stay 7 sz 55 MV	707333		1491–1650				1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650				1
4	additional stay	Ref. PDB, TSZS	1	1261–1650				
5	packer Z	Ref. PDB, FRUP01	1	1261–1650				
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1	
7	sash lift S-ES	Ref. PDB, FMFH	1	290–1650				
8	centre lock sz 50	700969	1	701–1260				1
	centre lock sz 70	700976		1261–1490				1
	centre lock sz 90	700983		1491–1650				1
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1	
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...		290–1260	431– 600	180	1	
9b	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601– 700	300		
	gear 15 FAV sz 70/G300 1V	FGKK4040- ...			701– 800	300		1
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801–1000	400		1
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001–1200	500		1
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201–1400	600		1
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401–1600	700		2
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601–1800	700		2
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801–2000	1000		2
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001–3000	1000		3
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201–2400			
	linkage FAV sz 400 1V	FZSZ0110- ...			2401–3000			1
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601–2800			
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801–3000			
12	handle Globe	Ref.access. ZHGS	1		320–3000			
13	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		701–1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1400			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			1401–3000			2
14	MV extension sz 40	700945	1		2001–2200			1
	MV extension sz 60	700952			2201–3000			1
15	MV extension sz 40	700945	1		2401–2600			1
	MV extension sz 60	700952			2601–3000			1
16	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
17	striker plate S 56	Ref. PDB, TRSM						
on request								
18	location piece ..	702543	1					
19	frame part SP-S	Ref. PDB, FRZL01	1					
20	tilt restrictor ..	805701	1		320– 800			
21	mishandling device FAV.	FFBS0110- ...	1					
22	pressure piece	Ref. PDB, TFFD	1					
23	stop	Ref. PDB, FRZF01	1					
24	snapper rh.	TFST0021- ...	1		1801–3000			
	snapper lh.	TFST0022- ...			1801–3000			

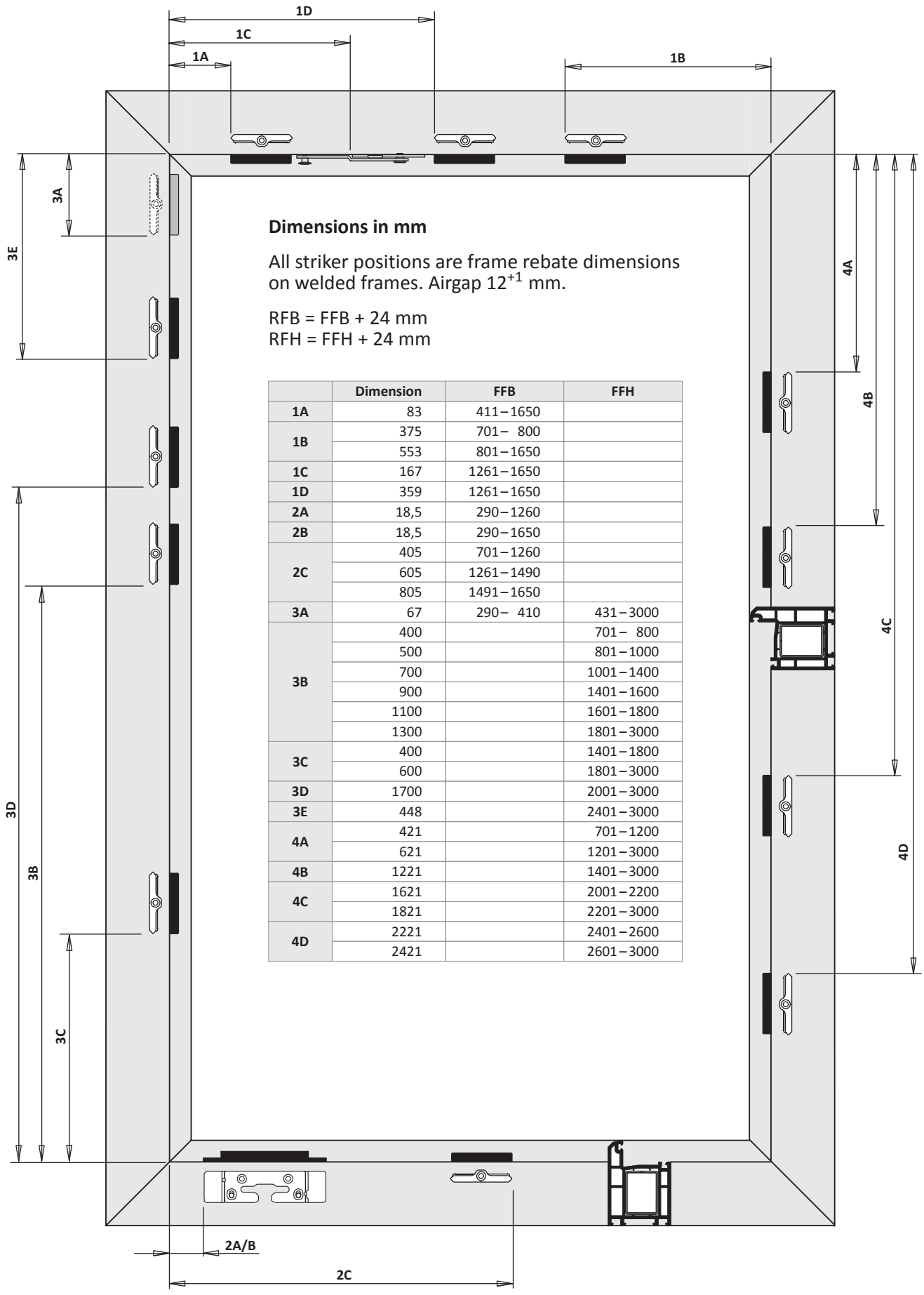
List of fittings

1-sash square tilt-turn
PVC GK Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
25	stay hinge	Ref. PDB, FBWB			1	1
26	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
27	top hinge	Ref. PDB, FBSL01			1	
28	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
29	top hinge pin diam.6	FBSB0010-1 ...			1	1
30	top hinge S	Ref. PDB, FBSL02				1
31	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
32	bottom hinge	Ref. PDB, FBEL01			1	
33	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
34	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
35	bottom hinge S	Ref. PDB, FBEL02				1
36	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
37	corner hinge PVC	Ref. PDB, TBEB61			1	
38	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
39	corner hinge PVC130kg	Ref. PDB, TBEB63				1



Dimensions in mm

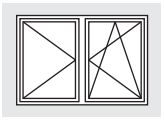
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1650	
1B	375	701– 800	
	553	801–1650	
1C	167	1261–1650	
1D	359	1261–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	701–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
3B	400		701– 800
	500		801–1000
	700		1001–1400
	900		1401–1600
	1100		1601–1800
	1300		1801–3000
3C	400		1401–1800
	600		1801–3000
3D	1700		2001–3000
3E	448		2401–3000
4A	421		701–1200
	621		1201–3000
4B	1221		1401–3000
4C	1621		2001–2200
	1821		2201–3000
4D	2221		2401–2600
	2421		2601–3000

FAVORIT

Installation instructions



GS

2-sash square tilt-turn/turn DSG gear

PVC

basic security

fixed handle position

Hinge side Si-line

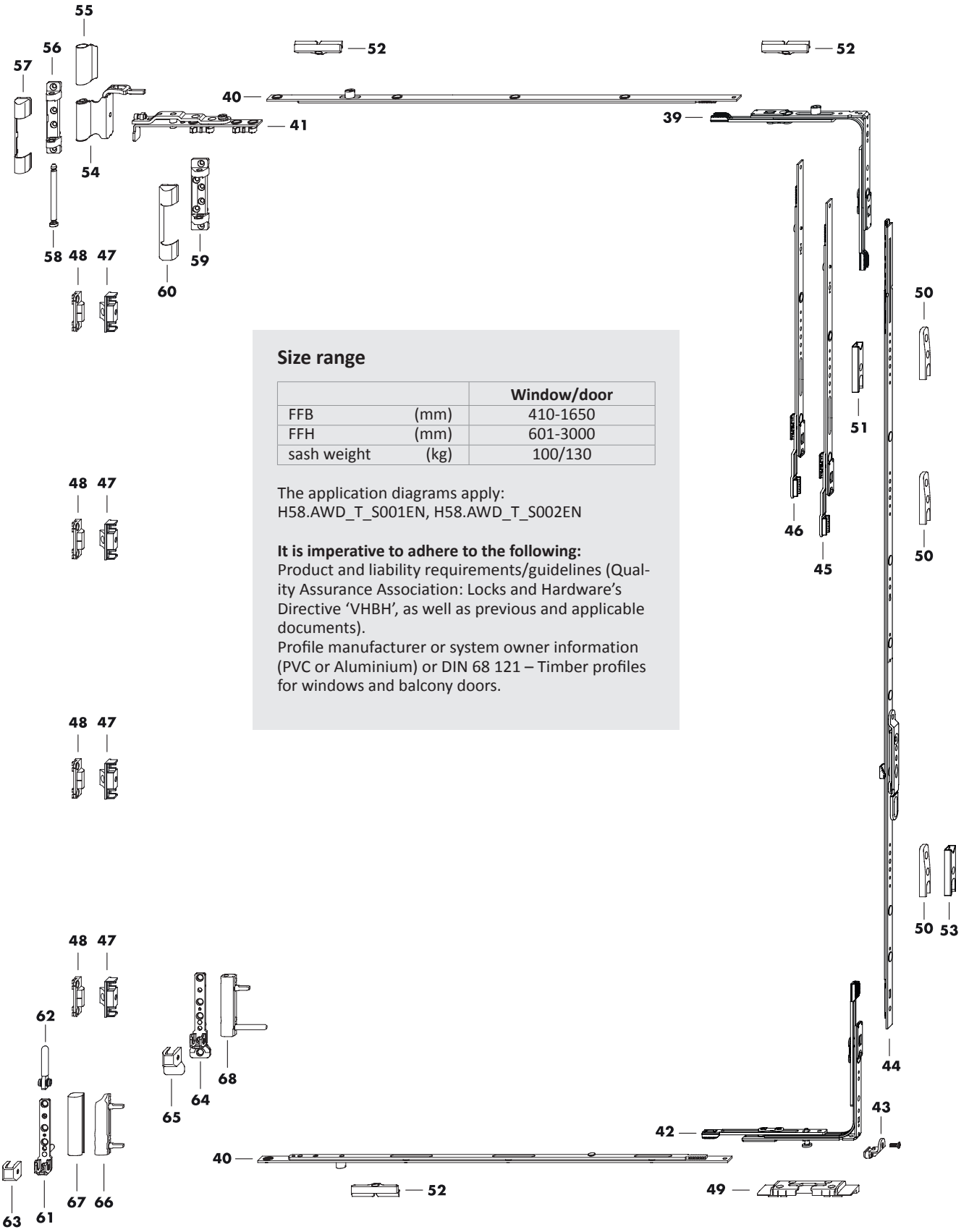
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 700
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose bottom hinge pin

hardware layout slave sash

2-sash square tilt-turn/turn DSG gear
PVC GK Hinge side Si-line

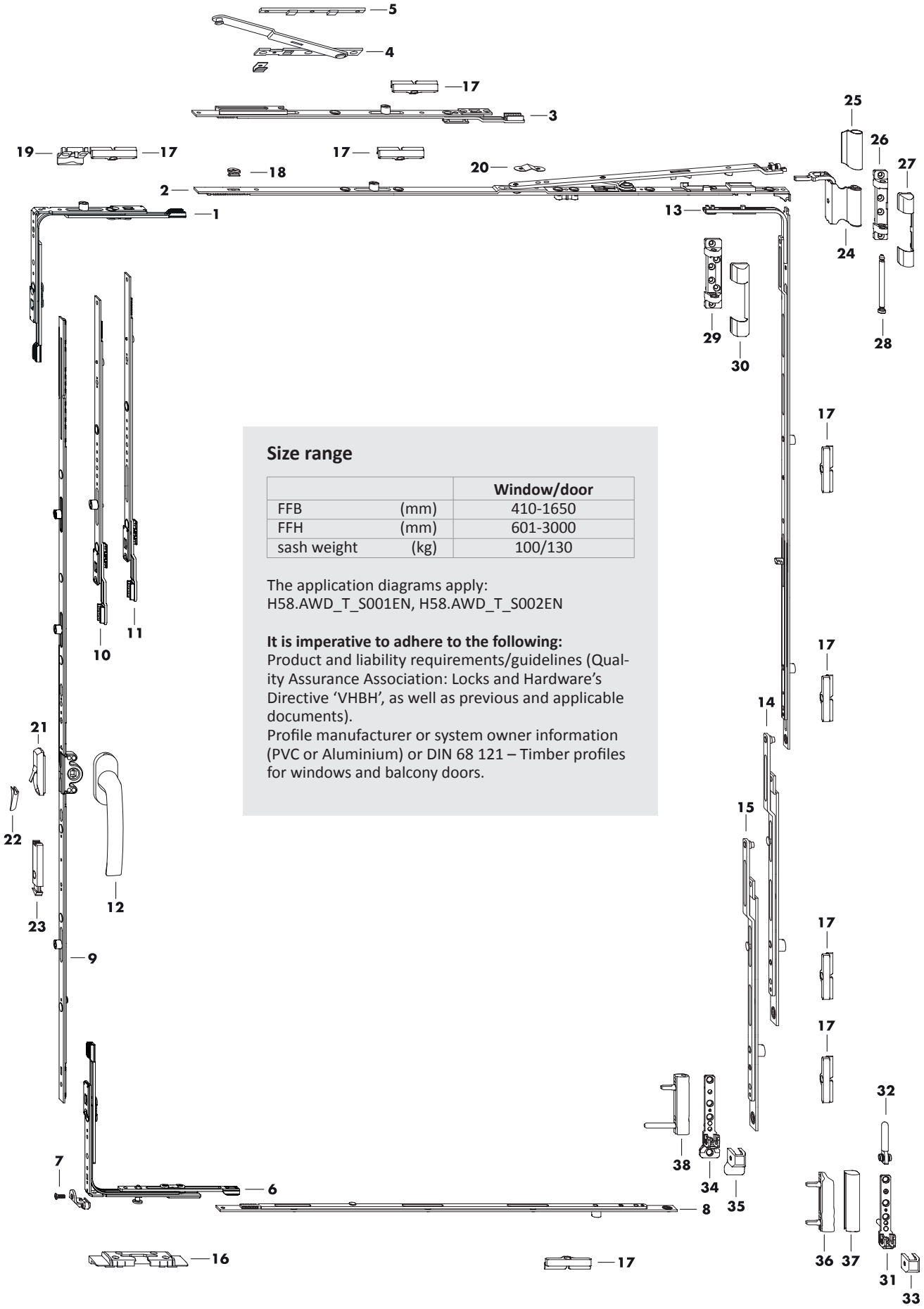


Size range

		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

It is imperative to adhere to the following:
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Size range

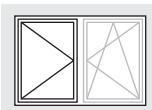
		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

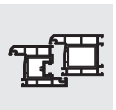
The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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

List of fittings slave sash

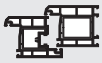
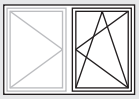
2-sash square tilt-turn/turn DSG gear
PVC GK Hinge side Si-line





Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.			
						In the main sash	49	50	51	52
39	corn.drive VSO ..	FEUL0230- ...	1	410 – 1650						1
40	centre lock sz 50	700969	2	701 – 1260						2
	centre lock sz 70	700976		1261 – 1490						2
	centre lock sz 90	700983		1491 – 1650						2
41	stay 7 DF	707340	1	410 – 1650						
42	corn.drive FAV VS 1S ..	FEUL0510- ...	1	410 – 1650			1			
43	sash lift S-ES	Ref. PDB, FMFH	1	410 – 1650						
44	s.sash gear16 FAV 60/300	FGKS4030- ...	1		601 – 700	300				
	s.sash gear16 FAV 70/300 1SB	FGKS4040- ...			701 – 800	300		1		
	s.sash gear16 FAV 80/400 1SB	FGKS4050- ...			801 – 1000	400		1		
	s.sash gear16 FAV 100/500 1SB	FGKS4060- ...			1001 – 1200	500		1		
	s.sash gear16 FAV 120/600 1SB	FGKS4070- ...			1201 – 1400	600		1		
	s.sash gear16 FAV 140/700 2SB	FGKS4290- ...			1401 – 1600	700		1		
	s.sash gear16 FAV 160/700 2SB	FGKS4330- ...			1601 – 1800	700		1		
	s.sash gear16 FAV 180/1000 2SB	FGKS4100- ...			1801 – 2000	1000		1		
	s.sash gear16 FAV 200/1000 3SB	FGKS4280- ...			2001 – 3000	1000		1		
45	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201 – 2400					
	linkage FAV sz 400 A0767	FZSZ0130- ...			2401 – 3000				1	
46	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601 – 2800				1	
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801 – 3000					
47	sash part MV	Ref. PDB, ZFMV01	1		701 – 1400					
	sash part MV	Ref. PDB, ZFMV01	2		1401 – 2100					
	sash part MV	Ref. PDB, ZFMV01	3		2101 – 2800					
	sash part MV	Ref. PDB, ZFMV01	4		2801 – 3000					
48	frame part MV	Ref. PDB, ZRZM01	1		701 – 1400					
	frame part MV	Ref. PDB, ZRZM01	2		1401 – 2100					
	frame part MV	Ref. PDB, ZRZM01	3		2101 – 2800					
	frame part MV	Ref. PDB, ZRZM01	4		2801 – 3000					
49	tilt lock bear. S-ES FH	Ref. PDB, FRKA								
50	striker plate f. gear MV	Ref. PDB, FRSA02								
51	striker plate 56 A0767	TRSB0020- ...								
52	striker plate S 56	Ref. PDB, TRSM								
on request										
53	striker plate 56 A0767	TRSB0020- ...	1		1601 – 3000					

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
54	stay hinge	Ref. PDB, FBWB			1	1
55	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
56	top hinge	Ref. PDB, FBSL01			1	
57	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
58	top hinge pin diam.6	FBSB0010-1 ...			1	1
59	top hinge S	Ref. PDB, FBSL02				1
60	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
61	bottom hinge	Ref. PDB, FBEL01			1	
62	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
63	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
64	bottom hinge S	Ref. PDB, FBEL02				1
65	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
66	corner hinge PVC	Ref. PDB, TBEB61			1	
67	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
68	corner hinge PVC130kg	Ref. PDB, TBEB63				1

List of fittings main sash

2-sash square tilt-turn/turn DSG gear
PVC GK Hinge side Si-line

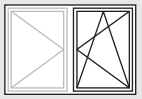
FAVORIT

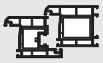
GS

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							16	17
1	corn.drive VSO ..	FEUL0230- ...	1	410 – 1650				1
2	stay 7 sz 30	707302	1	410 – 620				
	stay 7 sz 35 MV	707319		621 – 700				
	stay 7 sz 50 MV	707326		701 – 800				1
	stay 7 sz 50 MV	707326		801 – 1030				1
	stay 7 sz 55 MV	707333		1031 – 1260				1
	stay 7 sz 50 MV	707326		1261 – 1490				1
	stay 7 sz 55 MV	707333		1491 – 1650				1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261 – 1650				1
4	additional stay	Ref. PDB, TSZS	1	1261 – 1650				
5	packer Z	Ref. PDB, FRUP01	1	1261 – 1650				
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	410 – 1650			1	
7	sash lift S-ES	Ref. PDB, FMFH	1	410 – 1650				
8	centre lock sz 50	700969	1	701 – 1260				1
	centre lock sz 70	700976		1261 – 1490				1
	centre lock sz 90	700983		1491 – 1650				1
9	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601 – 700	300		
	gear 15 FAV sz 70/G300 1V	FGKK4040- ...			701 – 800	300		
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801 – 1000	400		
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001 – 1200	500		
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201 – 1400	600		
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401 – 1600	700		
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601 – 1800	700		
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801 – 2000	1000		
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001 – 3000	1000		
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201 – 2400			
	linkage FAV sz 400 1V	FZSZ0110- ...			2401 – 3000			
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601 – 2800			
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801 – 3000			
12	handle Globe	Ref.access. ZHGS	1		601 – 3000			
13	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		701 – 1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201 – 1400			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			1401 – 3000			2
14	MV extension sz 40	700945	1		2001 – 2200			1
	MV extension sz 60	700952			2201 – 3000			1
15	MV extension sz 40	700945	1		2401 – 2600			1
	MV extension sz 60	700952			2601 – 3000			1
16	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
17	striker plate S 56	Ref. PDB, TRSM						
on request								
18	location piece ..	702543	1					
19	frame part SP-S	Ref. PDB, FRZL01	1					
20	tilt restrictor ..	805701	1		601 – 800			
21	mishandling device FAV.	FFBS0110- ...	1		801 – 3000			
22	pressure piece	Ref. PDB, TFFD	1		801 – 3000			
23	snapper rh.	TFST0021- ...	1		1801 – 3000			
	snapper lh.	TFST0022- ...			1801 – 3000			

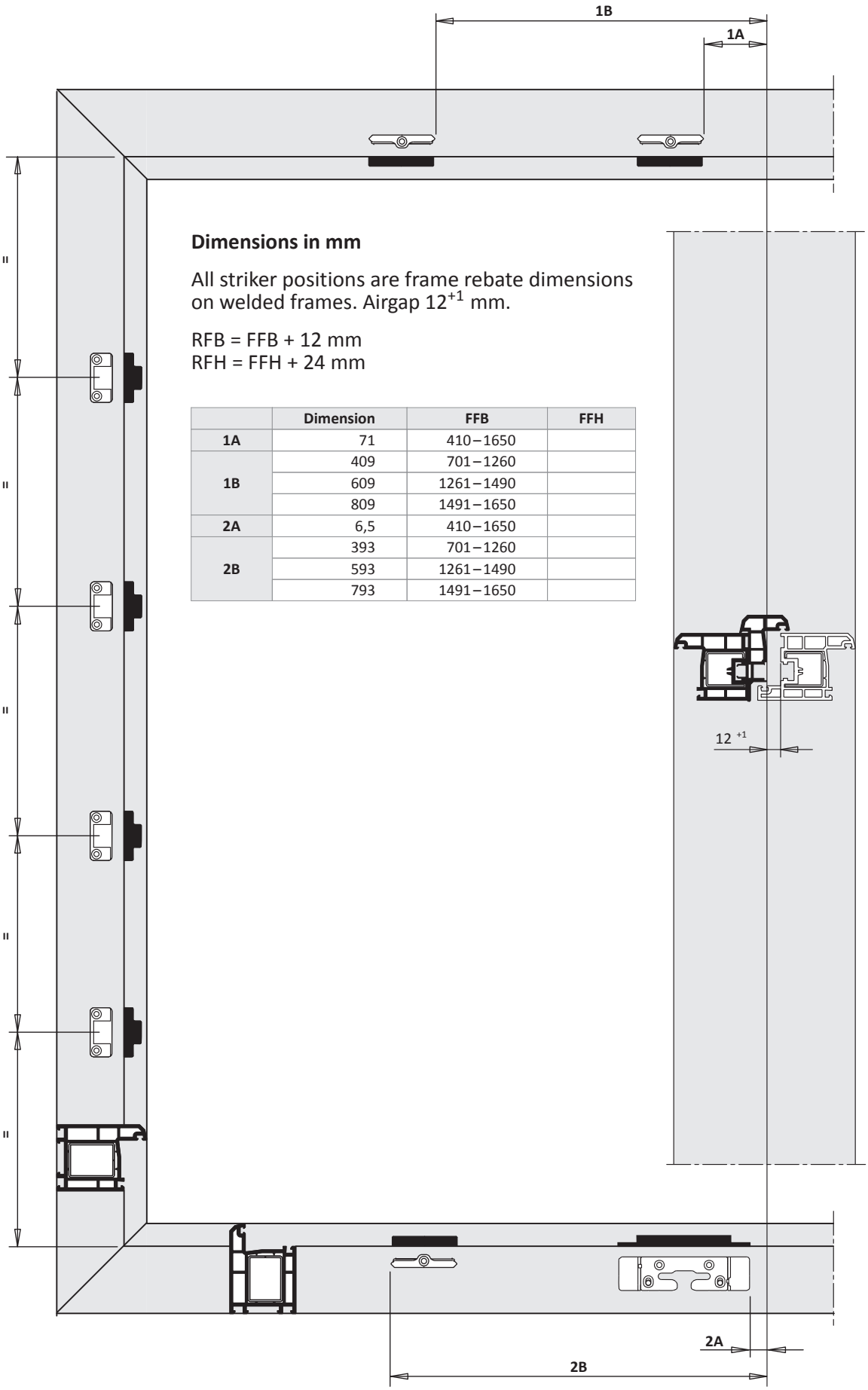
List of fittings main sash

2-sash square tilt-turn/turn DSG gear
PVC GK Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
24	stay hinge	Ref. PDB, FBWB			1	1
25	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
26	top hinge	Ref. PDB, FBSL01			1	
27	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
28	top hinge pin diam.6	FBSB0010-1 ...			1	1
29	top hinge S	Ref. PDB, FBSL02				1
30	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
31	bottom hinge	Ref. PDB, FBEL01			1	
32	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
33	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
34	bottom hinge S	Ref. PDB, FBEL02				1
35	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
36	corner hinge PVC	Ref. PDB, TBEB61			1	
37	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
38	corner hinge PVC130kg	Ref. PDB, TBEB63				1



Dimensions in mm

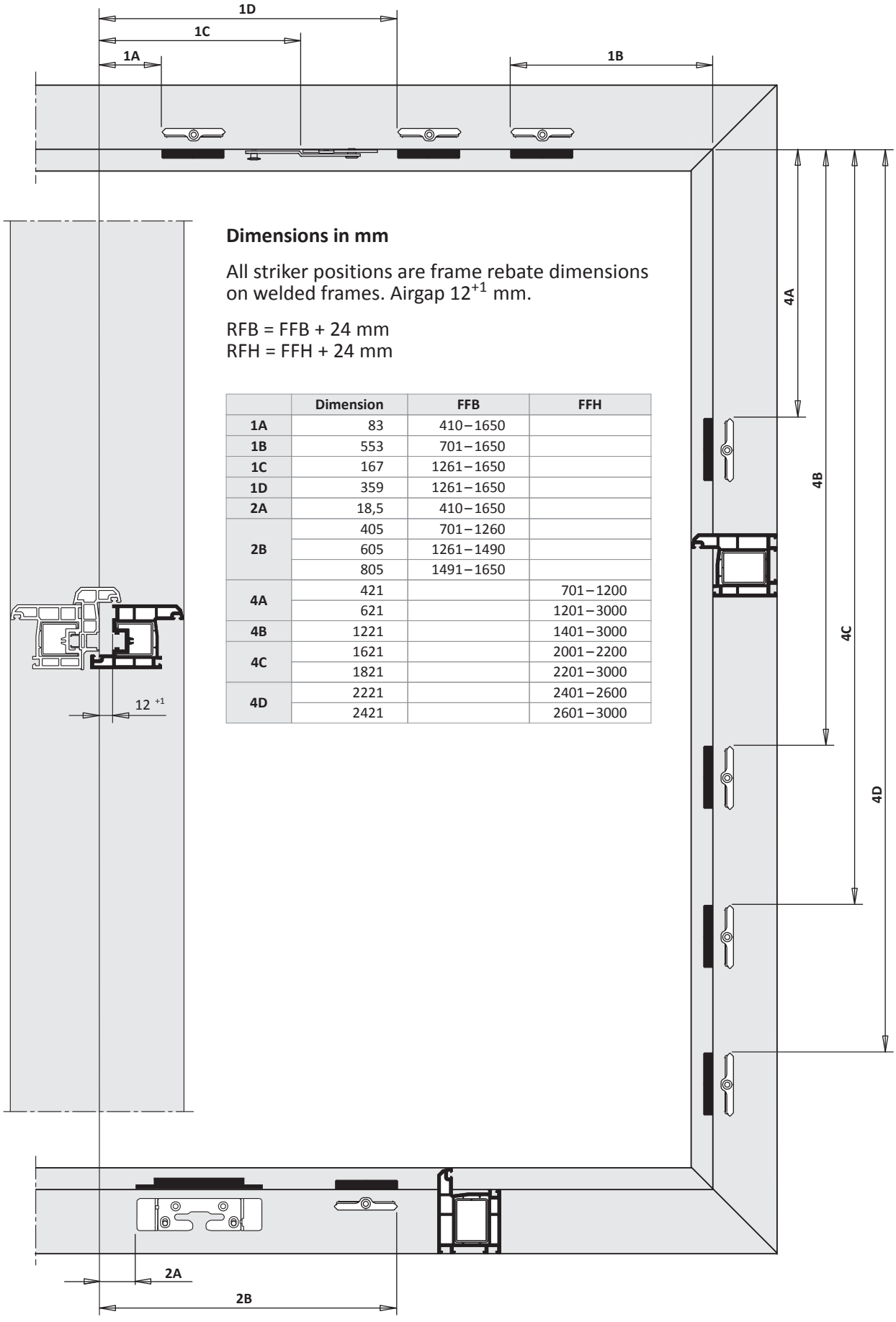
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	71	410 – 1650	
1B	409	701 – 1260	
	609	1261 – 1490	
	809	1491 – 1650	
2A	6,5	410 – 1650	
2B	393	701 – 1260	
	593	1261 – 1490	
	793	1491 – 1650	

Frame dimensions main sash

2-sash square tilt-turn/turn DSG gear
PVC GK Hinge side Si-line



Dimensions in mm

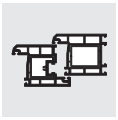
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	410–1650	
1B	553	701–1650	
1C	167	1261–1650	
1D	359	1261–1650	
2A	18,5	410–1650	
2B	405	701–1260	
	605	1261–1490	
	805	1491–1650	
4A	421		701–1200
	621		1201–3000
4B	1221		1401–3000
4C	1621		2001–2200
	1821		2201–3000
4D	2221		2401–2600
	2421		2601–3000

FAVORIT

Installation instructions

3P

1-sash square tilt-turn

PVC

3-Punkt Sicherheit

fixed handle position

Hinge side Si-line

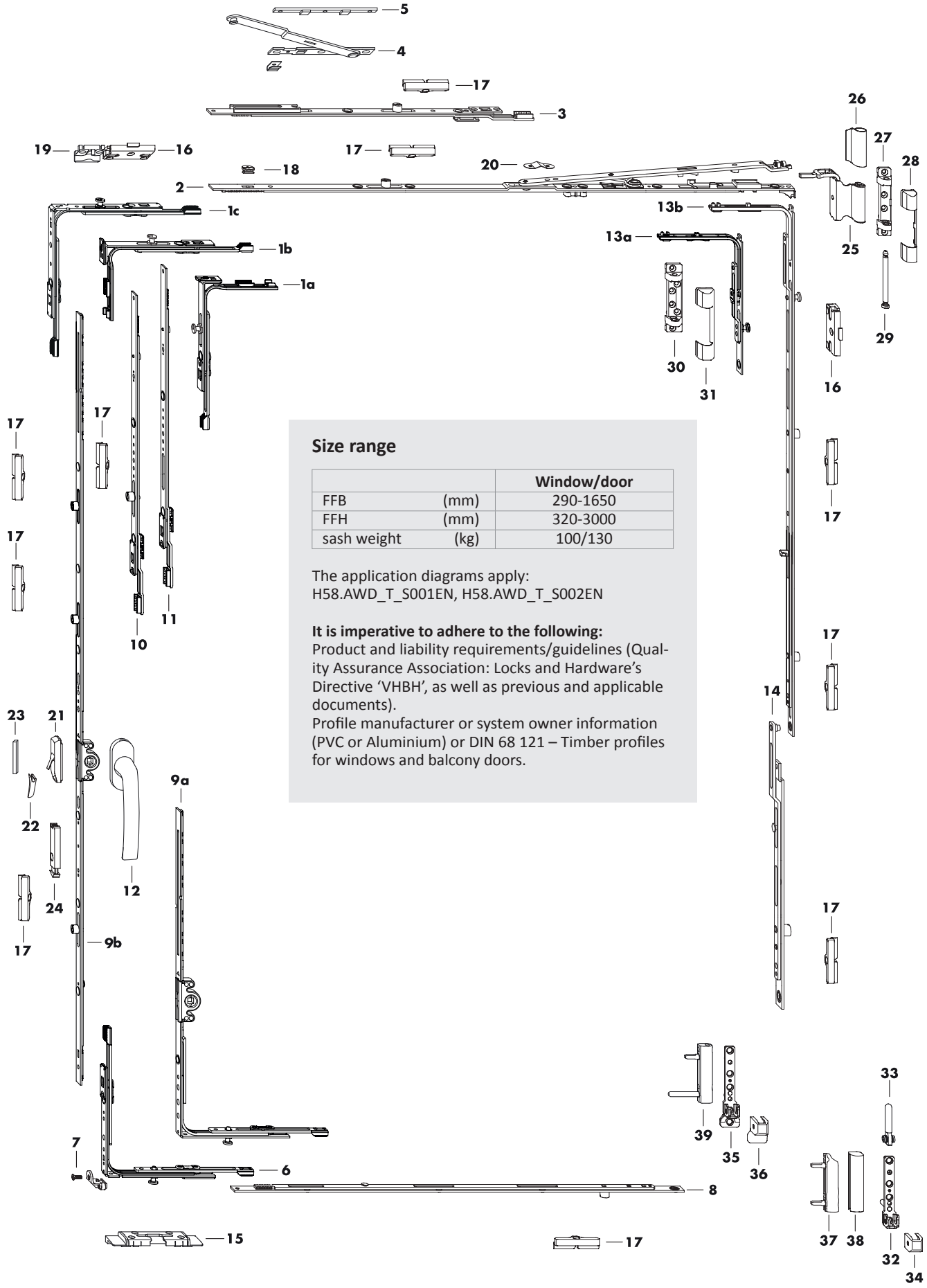
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 800
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive 1S 2V
Hinge side turning points	loose bottom hinge pin

hardware layout

1-sash square tilt-turn
PVC GK Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

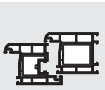
It is imperative to adhere to the following:
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Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.		
							15	16	17
1a	corn.drive FAV VSO narrow 1S ..	FEUL0530- ...	1	290– 410	431–3000			1	
1b	corn.drive FAV VSO narrow 1S ..	FEUL0530- ...	1	411– 800	320– 430			1	
1c	corn.drive FAV VS 1S ..	FEUL0510- ...	1	411–1650	431–3000			1	
2	stay 7 sz 30	707302	1	290– 620					
	stay 7 sz 35 MV	707319		621– 800					
	stay 7 sz 50 MV	707326		801–1030					1
	stay 7 sz 55 MV	707333		1031–1260					1
	stay 7 sz 50 MV	707326		1261–1490					1
	stay 7 sz 55 MV	707333		1491–1650					1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650					1
4	additional stay	Ref. PDB, TSZS	1	1261–1650					
5	packer Z	Ref. PDB, FRUP01	1	1261–1650					
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1		
7	sash lift S-ES	Ref. PDB, FMFH	1	290–1650					
8	centre lock sz 50	700969	1	801–1260					1
	centre lock sz 70	700976		1261–1490					1
	centre lock sz 90	700983		1491–1650					1
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1		
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...		290–1260	431– 600	180	1		
9b	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601– 800	300			
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801–1000	400			1
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001–1200	500			1
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201–1400	600			1
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401–1600	700			1
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601–1800	700			2
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801–2000	1000			2
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001–3000	1000			3
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201–2400				
	linkage FAV sz 400 1V	FZSZ0110- ...			2401–3000				1
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601–2800				
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801–3000				
12	handle Globe	Ref.access. ZHGS	1		320–3000				
13a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		320– 800			1	
13b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		801–1200			1	1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201–1600			1	1
	corn.drive BS sz 90 1S 1V ..	FEUL2130- ...			1601–2000			1	1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			2001–3000			1	2
14	MV extension sz 40	700945	1		2401–2600				1
	MV extension sz 60	700952			2601–3000				1
15	tilt lock bear. S-ES FH	Ref. PDB, FRKA							
16	striker plate S-RS	Ref. PDB, TRSK							
17	striker plate S 56	Ref. PDB, TRSM							
on request									
18	location piece ..	702543	1						
19	frame part SP-S	Ref. PDB, FRZL01	1						
20	tilt restrictor ..	805701	1		320– 800				
21	mishandling device FAV.	FFBS0110- ...	1						
22	pressure piece	Ref. PDB, TFFD	1						
23	stop	Ref. PDB, FRZF01	1						
24	snapper rh.	TFST0021- ...	1		1801–3000				
	snapper lh.	TFST0022- ...			1801–3000				

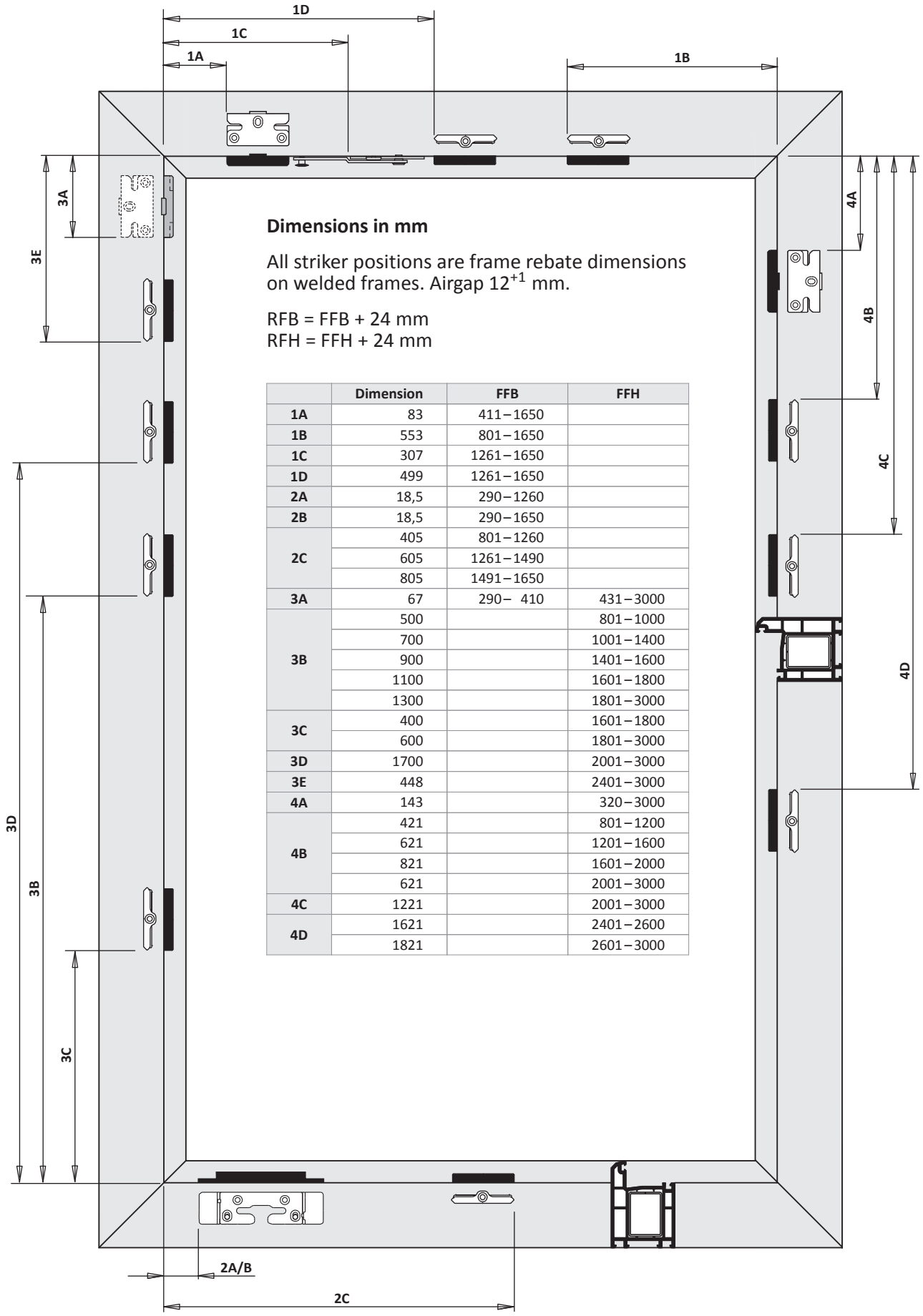
List of fittings

1-sash square tilt-turn
PVC GK Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
25	stay hinge	Ref. PDB, FBWB			1	1
26	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
27	top hinge	Ref. PDB, FBSL01			1	
28	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
29	top hinge pin diam.6	FBSB0010-1 ...			1	1
30	top hinge S	Ref. PDB, FBSL02				1
31	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
32	bottom hinge	Ref. PDB, FBEL01			1	
33	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
34	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
35	bottom hinge S	Ref. PDB, FBEL02				1
36	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
37	corner hinge PVC	Ref. PDB, TBEB61			1	
38	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
39	corner hinge PVC130kg	Ref. PDB, TBEB63				1



Dimensions in mm

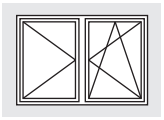
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

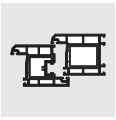
RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1650	
1B	553	801–1650	
1C	307	1261–1650	
1D	499	1261–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	801–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
3B	500		801–1000
	700		1001–1400
	900		1401–1600
	1100		1601–1800
	1300		1801–3000
3C	400		1601–1800
	600		1801–3000
3D	1700		2001–3000
3E	448		2401–3000
4A	143		320–3000
4B	421		801–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4C	1221		2001–3000
4D	1621		2401–2600
	1821		2601–3000

FAVORIT

Installation instructions





3P

2-sash square tilt-turn/turn DSG gear

PVC

3-Punkt Sicherheit

fixed handle position

Hinge side Si-line

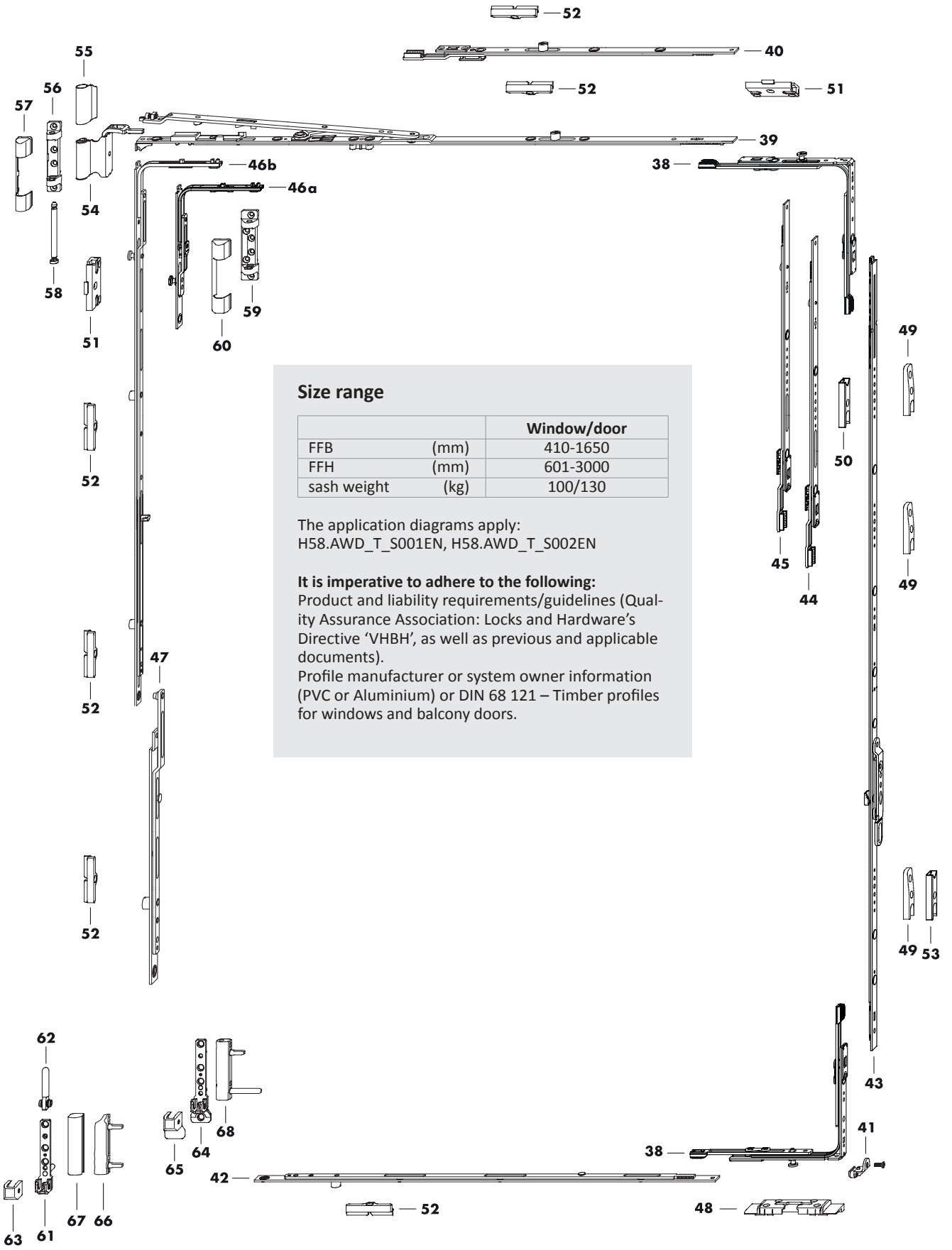
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 800
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive 1S 2V
Hinge side turning points	loose bottom hinge pin

hardware layout slave sash

2-sash square tilt-turn/turn DSG gear
PVC GK Hinge side Si-line

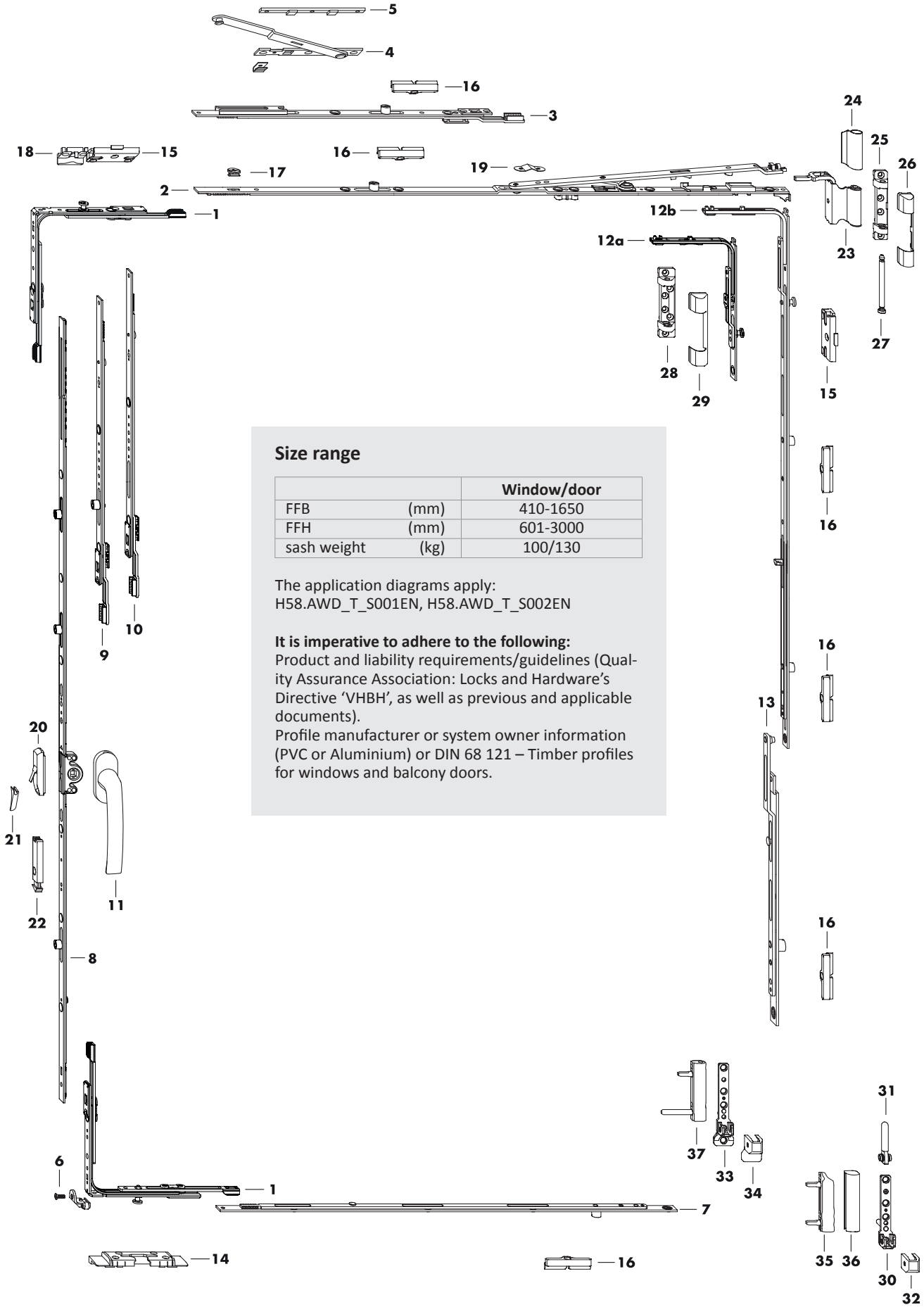


Size range

		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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Size range

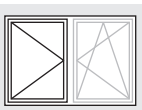
		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

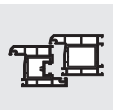
The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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List of fittings slave sash

2-sash square tilt-turn/turn DSG gear
PVC GK Hinge side Si-line





Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.				
						In the main sash	48	49	50	51	52
38	corn.drive FAV VS 1S ..	FEUL0510- ...	2	410 – 1650			1			1	
39	stay 7 sz 30	707302	1	410 – 620							
	stay 7 sz 35 MV	707319		621 – 800							
	stay 7 sz 50 MV	707326		801 – 1030							1
	stay 7 sz 55 MV	707333		1031 – 1260							1
	stay 7 sz 50 MV	707326		1261 – 1490							1
	stay 7 sz 55 MV	707333		1491 – 1650							1
40	linkage sz 460 MV	713266	1	1261 – 1650							1
41	sash lift S-ES	Ref. PDB, FMFH	1	410 – 1650							
42	centre lock sz 50	700969	1	801 – 1260							1
	centre lock sz 70	700976		1261 – 1490							1
	centre lock sz 90	700983		1491 – 1650							1
43	s.sash gear16 FAV 60/300	FGKS4030- ...	1		601 – 800	300					
	s.sash gear16 FAV 80/400 1SB	FGKS4050- ...			801 – 1000	400		1			
	s.sash gear16 FAV 100/500 1SB	FGKS4060- ...			1001 – 1200	500		1			
	s.sash gear16 FAV 120/600 1SB	FGKS4070- ...			1201 – 1400	600		1			
	s.sash gear16 FAV 140/700 2SB	FGKS4290- ...			1401 – 1600	700		1			
	s.sash gear16 FAV 160/700 2SB	FGKS4330- ...			1601 – 1800	700		1			
	s.sash gear16 FAV 180/1000 2SB	FGKS4100- ...			1801 – 2000	1000		1			
	s.sash gear16 FAV 200/1000 3SB	FGKS4280- ...			2001 – 3000	1000		1			
44	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201 – 2400						
	linkage FAV sz 400 A0767	FZSZ0130- ...			2401 – 3000				1		
45	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601 – 2800				1		
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801 – 3000						
46a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		601 – 800					1	
46b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		801 – 1200					1	1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201 – 1600					1	1
	corn.drive BS sz 90 1S 1V ..	FEUL2130- ...			1601 – 2000					1	1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			2001 – 3000					1	2
47	MV extension sz 40	700945	1		2401 – 2600						1
	MV extension sz 60	700952			2601 – 3000						1
48	tilt lock bear. S-ES FH	Ref. PDB, FRKA									
49	striker plate f. gear MV	Ref. PDB, FRSA02									
50	striker plate 56 A0767	TRSB0020- ...									
51	striker plate S-RS	Ref. PDB, TRSK									
52	striker plate S 56	Ref. PDB, TRSM									
on request											
53	striker plate 56 A0767	TRSB0020- ...	1		1601 – 3000						

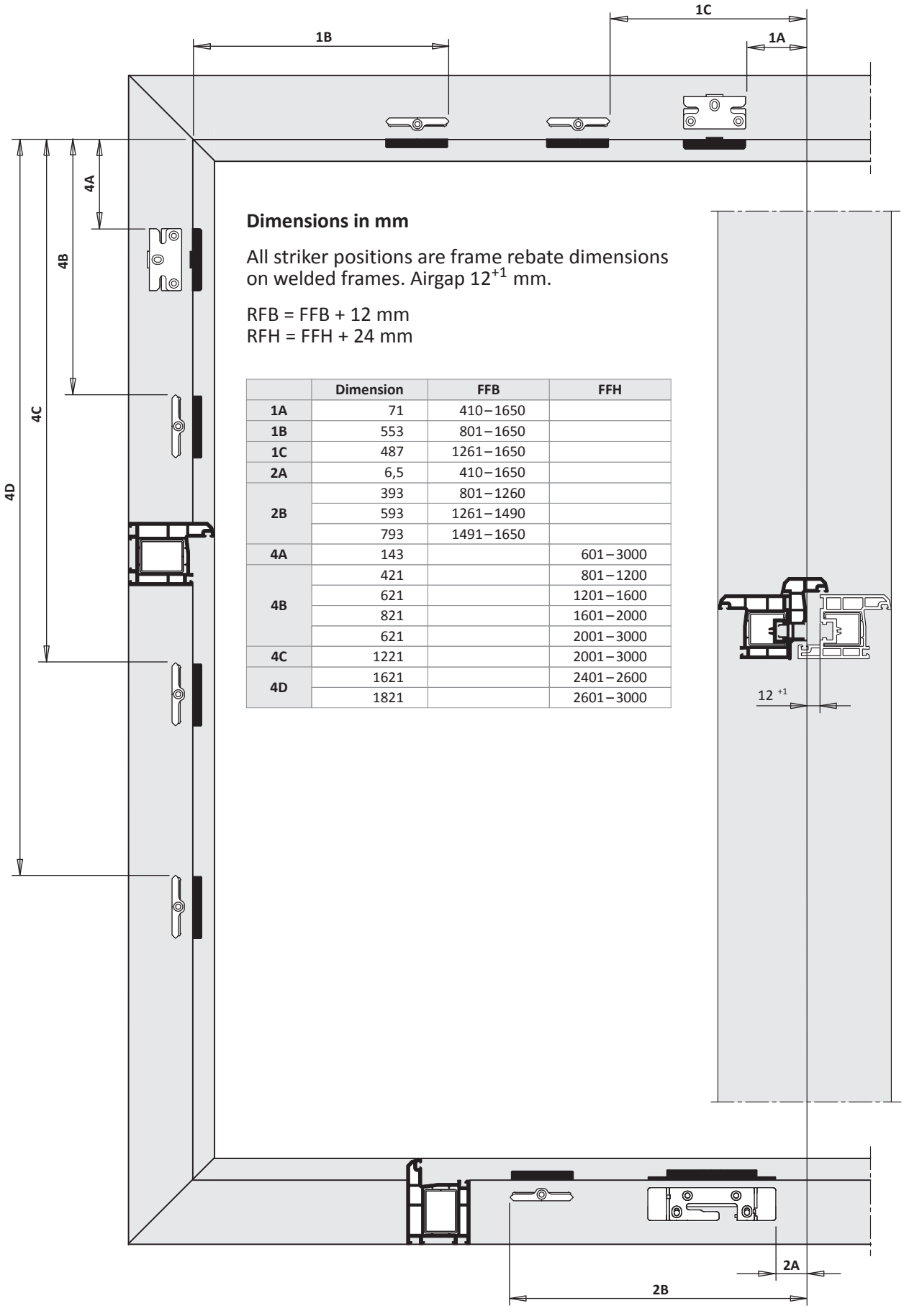
Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
54	stay hinge	Ref. PDB, FBWB			1	1
55	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
56	top hinge	Ref. PDB, FBSL01			1	
57	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
58	top hinge pin diam.6	FBSB0010-1 ...			1	1
59	top hinge S	Ref. PDB, FBSL02				1
60	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
61	bottom hinge	Ref. PDB, FBEL01			1	
62	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
63	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
64	bottom hinge S	Ref. PDB, FBEL02				1
65	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
66	corner hinge PVC	Ref. PDB, TBEB61			1	
67	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
68	corner hinge PVC130kg	Ref. PDB, TBEB63				1

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.		
							14	15	16
1	corn.drive FAV VS 1S ..	FEUL0510- ...	2	410 – 1650			1	1	
2	stay 7 sz 30	707302	1	410 – 620					
	stay 7 sz 35 MV	707319		621 – 800					
	stay 7 sz 50 MV	707326		801 – 1030					1
	stay 7 sz 55 MV	707333		1031 – 1260					1
	stay 7 sz 50 MV	707326		1261 – 1490					1
	stay 7 sz 55 MV	707333		1491 – 1650					1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261 – 1650					1
4	additional stay	Ref. PDB, TSZS	1	1261 – 1650					
5	packer Z	Ref. PDB, FRUP01	1	1261 – 1650					
6	sash lift S-ES	Ref. PDB, FMFH	1	410 – 1650					
7	centre lock sz 50	700969	1	801 – 1260					1
	centre lock sz 70	700976		1261 – 1490					1
	centre lock sz 90	700983		1491 – 1650					1
8	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601 – 800	300			
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801 – 1000	400			
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001 – 1200	500			
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201 – 1400	600			
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401 – 1600	700			
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601 – 1800	700			
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801 – 2000	1000			
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001 – 3000	1000			
9	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201 – 2400				
	linkage FAV sz 400 1V	FZSZ0110- ...			2401 – 3000				
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601 – 2800				
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801 – 3000				
11	handle Globe	Ref.access. ZHGS	1		601 – 3000				
12a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		601 – 800			1	
12b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		801 – 1200			1	1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201 – 1600			1	1
	corn.drive BS sz 90 1S 1V ..	FEUL2130- ...			1601 – 2000			1	1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			2001 – 3000			1	2
13	MV extension sz 40	700945	1		2401 – 2600				1
	MV extension sz 60	700952			2601 – 3000				1
14	tilt lock bear. S-ES FH	Ref. PDB, FRKA							
15	striker plate S-RS	Ref. PDB, TRSK							
16	striker plate S 56	Ref. PDB, TRSM							
on request									
17	location piece ..	702543	1						
18	frame part SP-S	Ref. PDB, FRZL01	1						
19	tilt restrictor ..	805701	1		601 – 800				
20	mishandling device FAV.	FFBS0110- ...	1		801 – 3000				
21	pressure piece	Ref. PDB, TFFD	1		801 – 3000				
22	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
23	stay hinge	Ref. PDB, FBWB			1	1
24	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
25	top hinge	Ref. PDB, FBSL01			1	
26	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
27	top hinge pin diam.6	FBSB0010-1 ...			1	1
28	top hinge S	Ref. PDB, FBSL02				1
29	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
30	bottom hinge	Ref. PDB, FBEL01			1	
31	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
32	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
33	bottom hinge S	Ref. PDB, FBEL02				1
34	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
35	corner hinge PVC	Ref. PDB, TBEB61			1	
36	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
37	corner hinge PVC130kg	Ref. PDB, TBEB63				1

Frame dimensions slave sash

2-sash square tilt-turn/turn DSG gear
PVC GK Hinge side Si-line

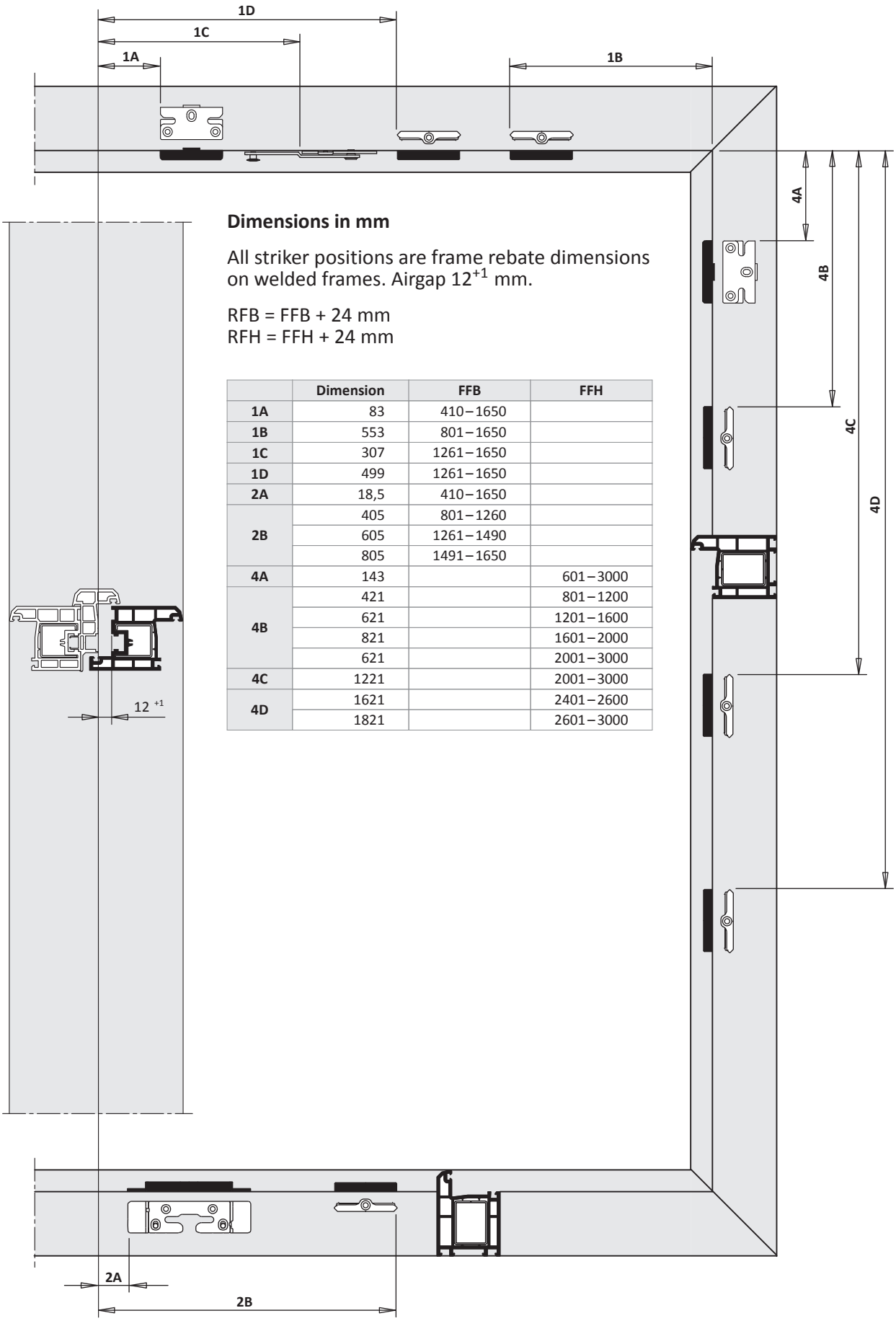


Dimensions in mm

All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	71	410 – 1650	
1B	553	801 – 1650	
1C	487	1261 – 1650	
2A	6,5	410 – 1650	
2B	393	801 – 1260	
	593	1261 – 1490	
	793	1491 – 1650	
4A	143		601 – 3000
4B	421		801 – 1200
	621		1201 – 1600
	821		1601 – 2000
	621		2001 – 3000
4C	1221		2001 – 3000
4D	1621		2401 – 2600
	1821		2601 – 3000



Dimensions in mm

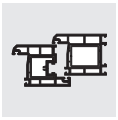
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	410–1650	
1B	553	801–1650	
1C	307	1261–1650	
1D	499	1261–1650	
2A	18,5	410–1650	
2B	405	801–1260	
	605	1261–1490	
	805	1491–1650	
4A	143		601–3000
4B	421		801–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4C	1221		2001–3000
4D	1621		2401–2600
	1821		2601–3000

FAVORIT

Installation instructions

3P

1-sash square tilt before turn (TBT)

PVC

3-Punkt Sicherheit

fixed handle position

Hinge side Si-line

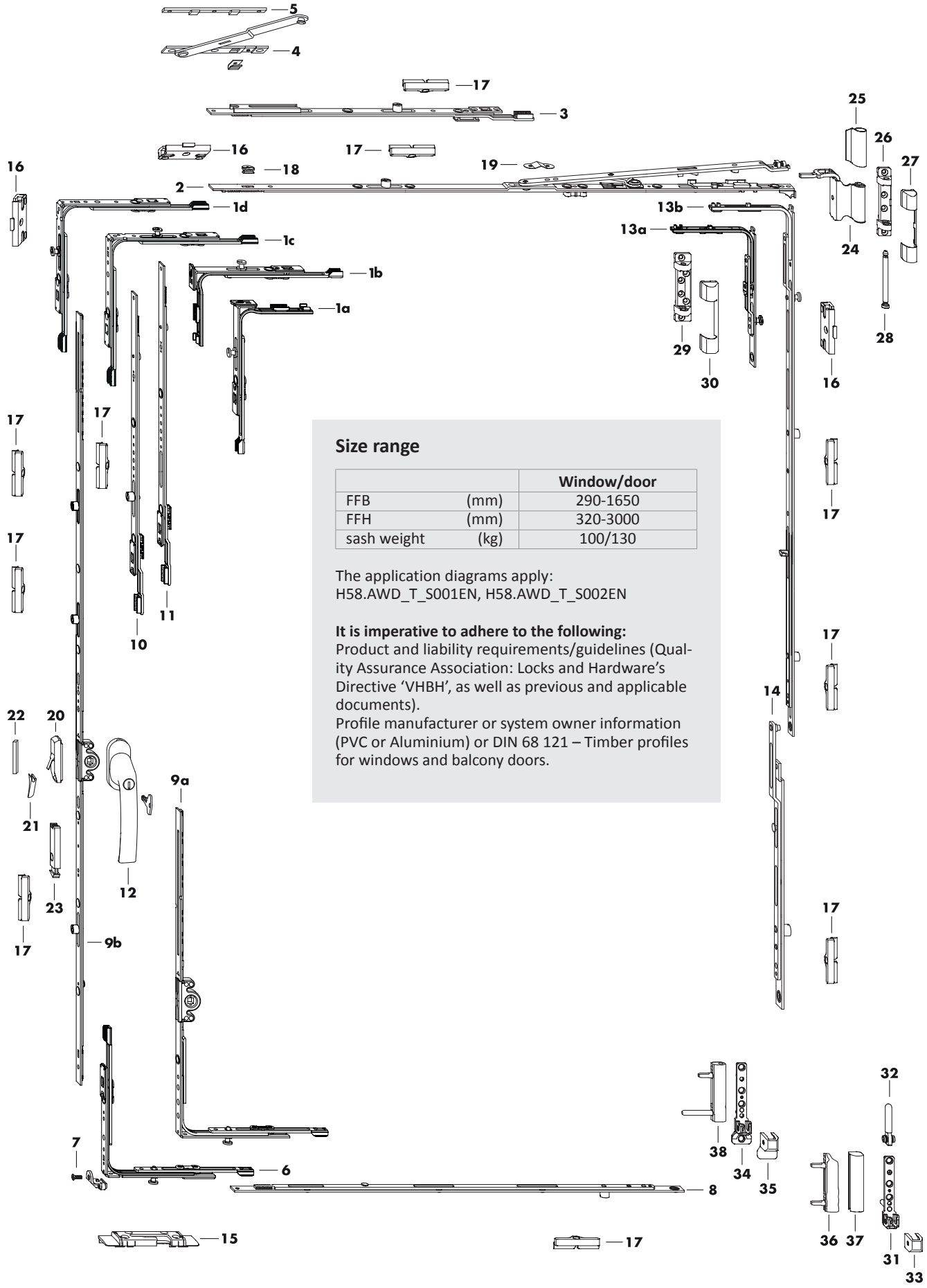
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 800
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive 1S 2V
Hinge side turning points	loose bottom hinge pin

hardware layout

1-sash square tilt before turn (TBT)
PVC GK Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

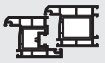
It is imperative to adhere to the following:
Product and liability requirements/guidelines (Quality Assurance Association: Locks and Hardware's Directive 'VHBH', as well as previous and applicable documents).
Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.		
							15	16	17
1a	corn.drive FAV VSO narrow 1S ..	FEUL0530- ...	1	290– 410	431–3000			1	
1b	corn.drive FAV VSO narrow 1S ..	FEUL0530- ...	1	411– 800	320– 430			1	
1c	corn.drive FAV VS 1S ..	FEUL0510- ...	1	411–1260	431–3000			1	
1d	corn.drive FAV VS 1S ..	FEUL0510- ...	1	1261–1650	431–3000			1	
2	stay 7 TBT sz 30	707357	1	290– 620					
	stay 7 TBT sz 35 MV	707364		621– 800					
	stay 7 TBT sz 50 MV	707371		801–1030					1
	stay 7 TBT sz 55 MV	707388		1031–1260					1
	stay 7 TBT sz 50 MV	707371		1261–1490					1
	stay 7 TBT sz 55 MV	707388		1491–1650					1
3	linkage S/Z TBT FAV 1V	FZOT0100- ...	1	1261–1650					1
4	additional stay	Ref. PDB, TSZS	1	1261–1650					
5	packer Z	Ref. PDB, FRUP01	1	1261–1650					
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1		
7	sash lift S-ES	Ref. PDB, FMFH	1	290–1650					
8	centre lock sz 50	700969	1	801–1260					1
	centre lock sz 70	700976		1261–1490					1
	centre lock sz 90	700983		1491–1650					1
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1		
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...		290–1260	431– 600	180	1		
9b	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601– 800	300			
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801–1000	400			1
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001–1200	500			1
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201–1400	600			1
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401–1600	700			1
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601–1800	700			2
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801–2000	1000			2
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001–3000	1000			3
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201–2400				
	linkage FAV sz 400 1V	FZSZ0110- ...			2401–3000				1
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601–2800				
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801–3000				
12	handle Globe TBT lockable	Ref.access. ZHGT	1		320–3000				
13a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		320– 800			1	
13b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		801–1200			1	1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201–1600			1	1
	corn.drive BS sz 90 1S 1V ..	FEUL2130- ...			1601–2000			1	1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			2001–3000			1	2
14	MV extension sz 40	700945	1		2401–2600				1
	MV extension sz 60	700952			2601–3000				1
15	tilt lock bear. S-ES FH TBT	Ref. PDB, FRKB							
16	striker plate S-RS	Ref. PDB, TRSK							
17	striker plate S 56	Ref. PDB, TRSM							
on request									
18	location piece ..	702543	1						
19	tilt restrictor ..	805701	1		320– 800				
20	mishandling device FAV.	FFBS0110- ...	1						
21	pressure piece	Ref. PDB, TFFD	1						
22	stop	Ref. PDB, FRZF01	1						
23	snapper rh.	TFST0021- ...	1		1801–3000				
	snapper lh.	TFST0022- ...			1801–3000				

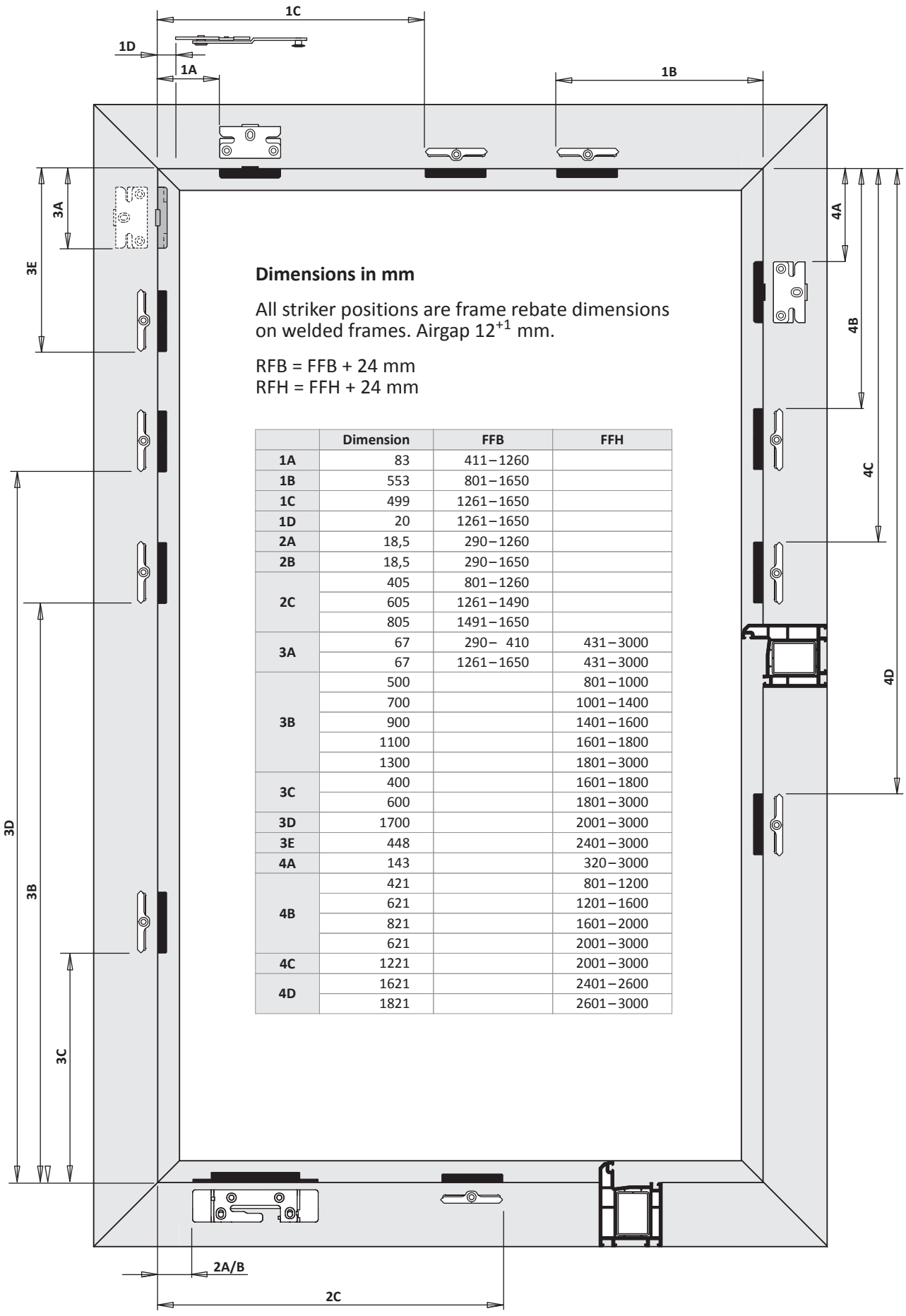
List of fittings

1-sash square tilt before turn (TBT)
PVC GK Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
24	stay hinge	Ref. PDB, FBWB			1	1
25	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
26	top hinge	Ref. PDB, FBSL01			1	
27	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
28	top hinge pin diam.6	FBSB0010-1 ...			1	1
29	top hinge S	Ref. PDB, FBSL02				1
30	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
31	bottom hinge	Ref. PDB, FBEL01			1	
32	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
33	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
34	bottom hinge S	Ref. PDB, FBEL02				1
35	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
36	corner hinge PVC	Ref. PDB, TBEB61			1	
37	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
38	corner hinge PVC130kg	Ref. PDB, TBEB63				1



Dimensions in mm

All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1260	
1B	553	801–1650	
1C	499	1261–1650	
1D	20	1261–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	801–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
	67	1261–1650	431–3000
3B	500		801–1000
	700		1001–1400
	900		1401–1600
	1100		1601–1800
	1300		1801–3000
3C	400		1601–1800
	600		1801–3000
3D	1700		2001–3000
3E	448		2401–3000
4A	143		320–3000
4B	421		801–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4C	1221		2001–3000
4D	1621		2401–2600
	1821		2601–3000

FAVORIT

Installation instructions




3P

1-sash square tilt-turn

PVC

3-Punkt Sicherheit

fixed handle position

Hinge side Si-line

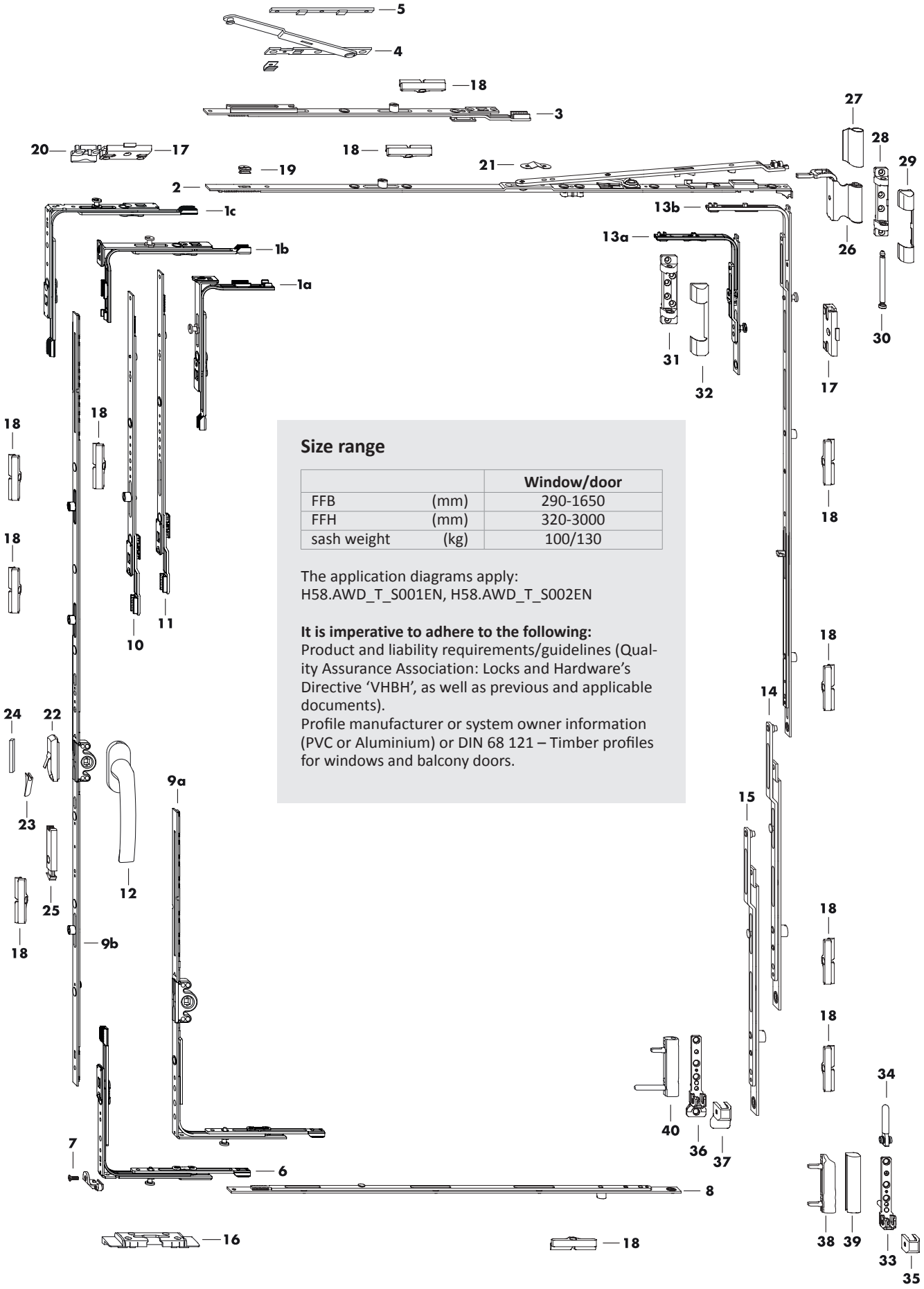
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 700
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive 1S 2V
Hinge side turning points	loose bottom hinge pin

hardware layout

1-sash square tilt-turn
PVC GK Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

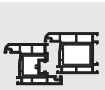
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Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.		
							16	17	18
1a	corn.drive FAV VSO narrow 1S ..	FEUL0530- ...	1	290– 410	411–3000			1	
1b	corn.drive FAV VSO narrow 1S ..	FEUL0530- ...	1	411– 800	320– 410			1	
1c	corn.drive FAV VS 1S ..	FEUL0510- ...	1	411–1650	481–3000			1	
2	stay 7 sz 30	707302	1	290– 620					
	stay 7 sz 35 MV	707319		621– 700					
	stay 7 sz 35 MV	707319		701– 800					1
	stay 7 sz 50 MV	707326		801–1030					1
	stay 7 sz 55 MV	707333		1031–1260					1
	stay 7 sz 50 MV	707326		1261–1490					1
	stay 7 sz 55 MV	707333		1491–1650					1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650					1
4	additional stay	Ref. PDB, TSZS	1	1261–1650					
5	packer Z	Ref. PDB, FRUP01	1	1261–1650					
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1		
7	sash lift S-ES	Ref. PDB, FMFH	1	290–1650					
8	centre lock sz 50	700969	1	701–1260					1
	centre lock sz 70	700976		1261–1490					1
	centre lock sz 90	700983		1491–1650					1
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1		
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...		290–1260	431– 600	180	1		
9b	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601– 700	300			
	gear 15 FAV sz 70/G300 1V	FGKK4040- ...			701– 800	300			1
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801–1000	400			1
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001–1200	500			1
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201–1400	600			1
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401–1600	700			2
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601–1800	700			2
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801–2000	1000			2
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001–3000	1000			3
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201–2400				
	linkage FAV sz 400 1V	FZSZ0110- ...			2401–3000				1
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601–2800				
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801–3000				
12	handle Globe	Ref.access. ZHGS	1		320–3000				
13a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		320– 700			1	
13b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		701–1200			1	1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201–1400			1	1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			1401–3000			1	2
14	MV extension sz 40	700945	1		2001–2200				1
	MV extension sz 60	700952			2201–3000				1
15	MV extension sz 40	700945	1		2401–2600				1
	MV extension sz 60	700952			2601–3000				1
16	tilt lock bear. S-ES FH	Ref. PDB, FRKA							
17	striker plate S-RS	Ref. PDB, TRSK							
18	striker plate S 56	Ref. PDB, TRSM							
on request									
19	location piece ..	702543	1						
20	frame part SP-S	Ref. PDB, FRZL01	1						
21	tilt restrictor ..	805701	1		320– 800				
22	mishandling device FAV.	FFBS0110- ...	1						
23	pressure piece	Ref. PDB, TFFD	1						
24	stop	Ref. PDB, FRZF01	1						
25	snapper rh.	TFST0021- ...	1		1801–3000				
	snapper lh.	TFST0022- ...			1801–3000				

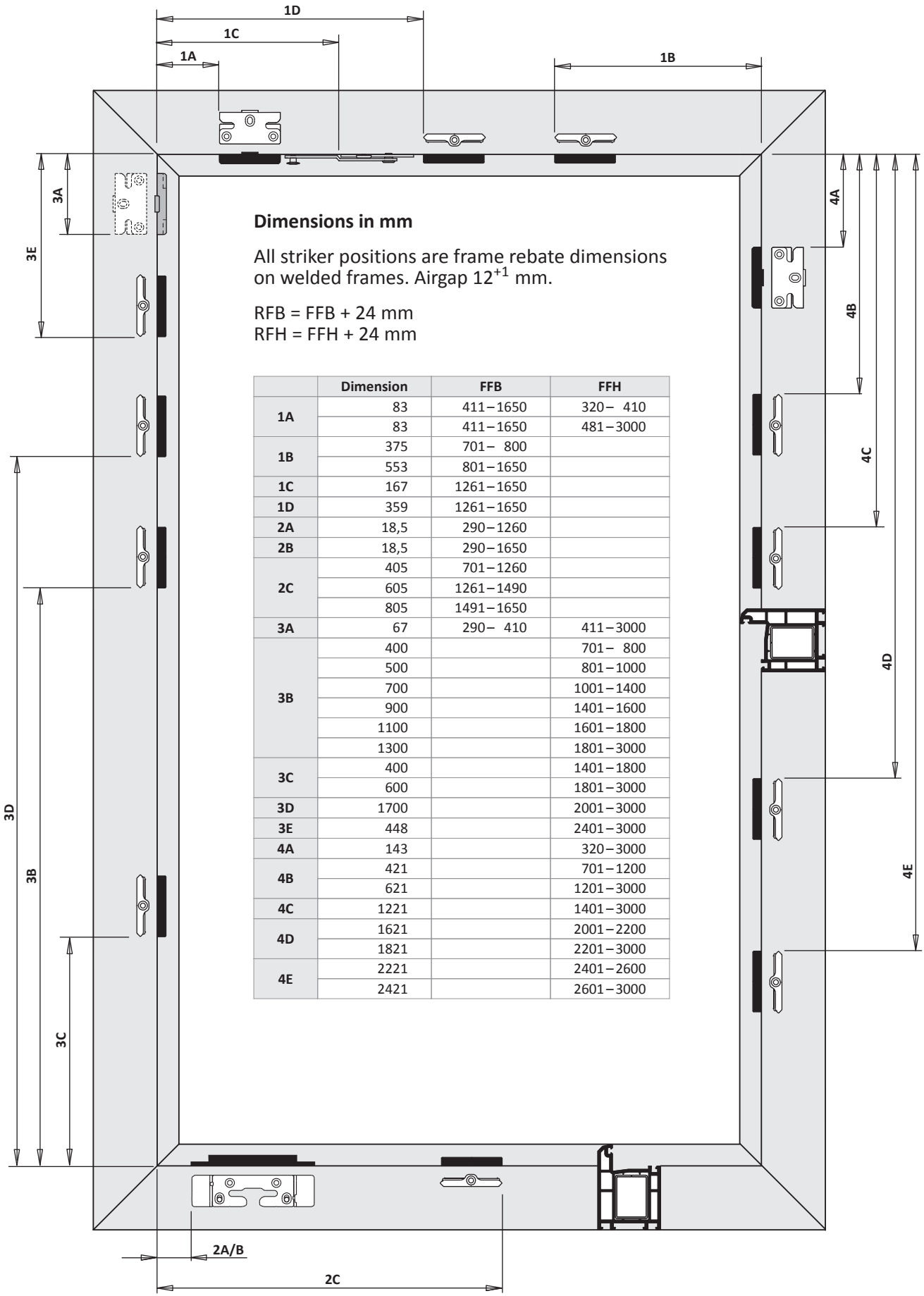
List of fittings

1-sash square tilt-turn
PVC GK Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
26	stay hinge	Ref. PDB, FBWB			1	1
27	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
28	top hinge	Ref. PDB, FBSL01			1	
29	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
30	top hinge pin diam.6	FBSB0010-1 ...			1	1
31	top hinge S	Ref. PDB, FBSL02				1
32	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
33	bottom hinge	Ref. PDB, FBEL01			1	
34	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
35	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
36	bottom hinge S	Ref. PDB, FBEL02				1
37	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
38	corner hinge PVC	Ref. PDB, TBEB61			1	
39	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
40	corner hinge PVC130kg	Ref. PDB, TBEB63				1



Dimensions in mm

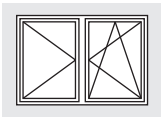
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

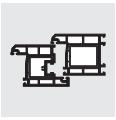
RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1650	320– 410
	83	411–1650	481–3000
1B	375	701– 800	
	553	801–1650	
1C	167	1261–1650	
1D	359	1261–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	701–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	411–3000
3B	400		701– 800
	500		801–1000
	700		1001–1400
	900		1401–1600
	1100		1601–1800
	1300		1801–3000
3C	400		1401–1800
	600		1801–3000
3D	1700		2001–3000
3E	448		2401–3000
4A	143		320–3000
4B	421		701–1200
	621		1201–3000
4C	1221		1401–3000
4D	1621		2001–2200
	1821		2201–3000
4E	2221		2401–2600
	2421		2601–3000

FAVORIT

Installation instructions





3P

2-sash square tilt-turn/turn DSG gear

PVC

3-Punkt Sicherheit

fixed handle position

Hinge side Si-line

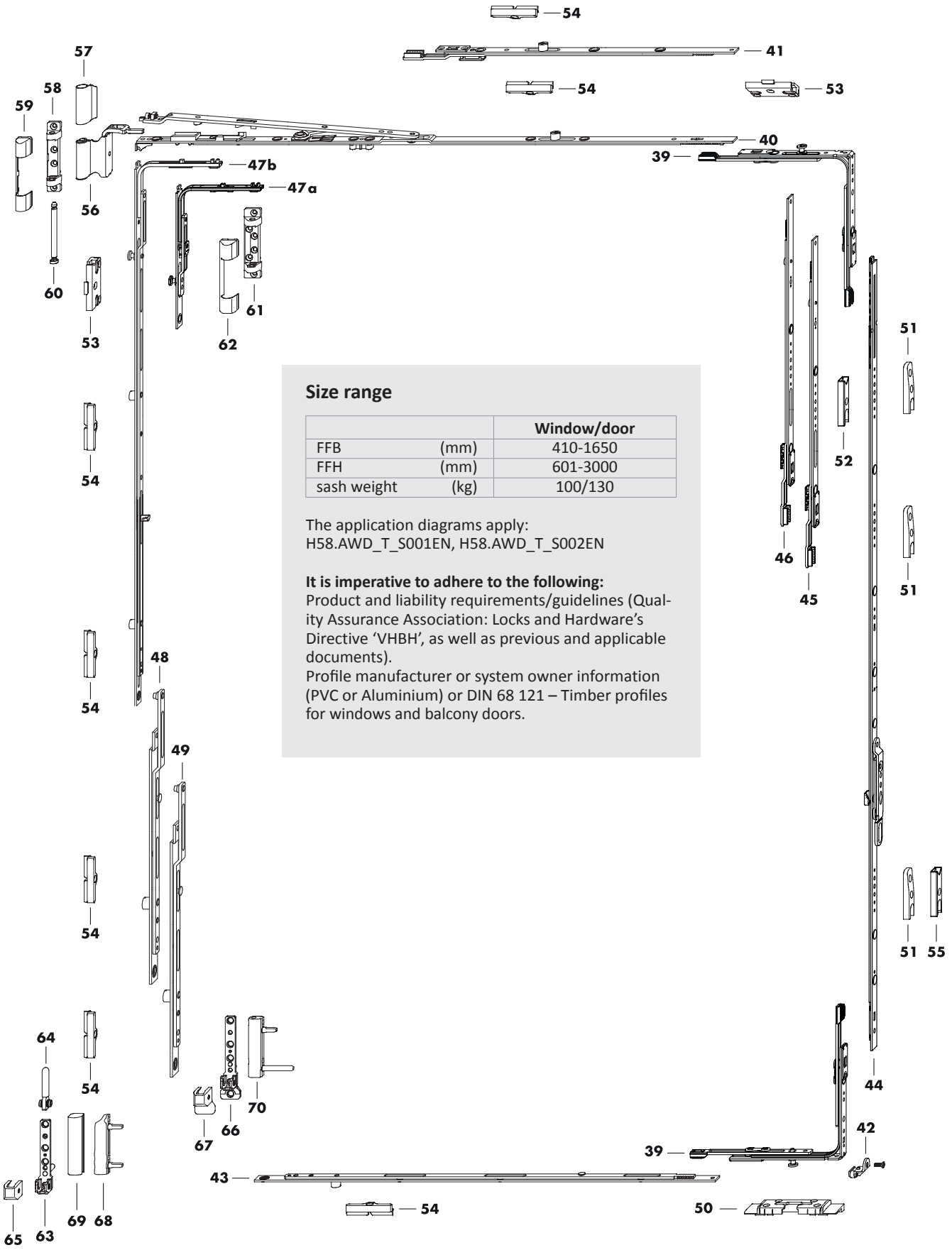
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 700
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive 1S 2V
Hinge side turning points	loose bottom hinge pin

hardware layout slave sash

2-sash square tilt-turn/turn DSG gear
PVC GK Hinge side Si-line

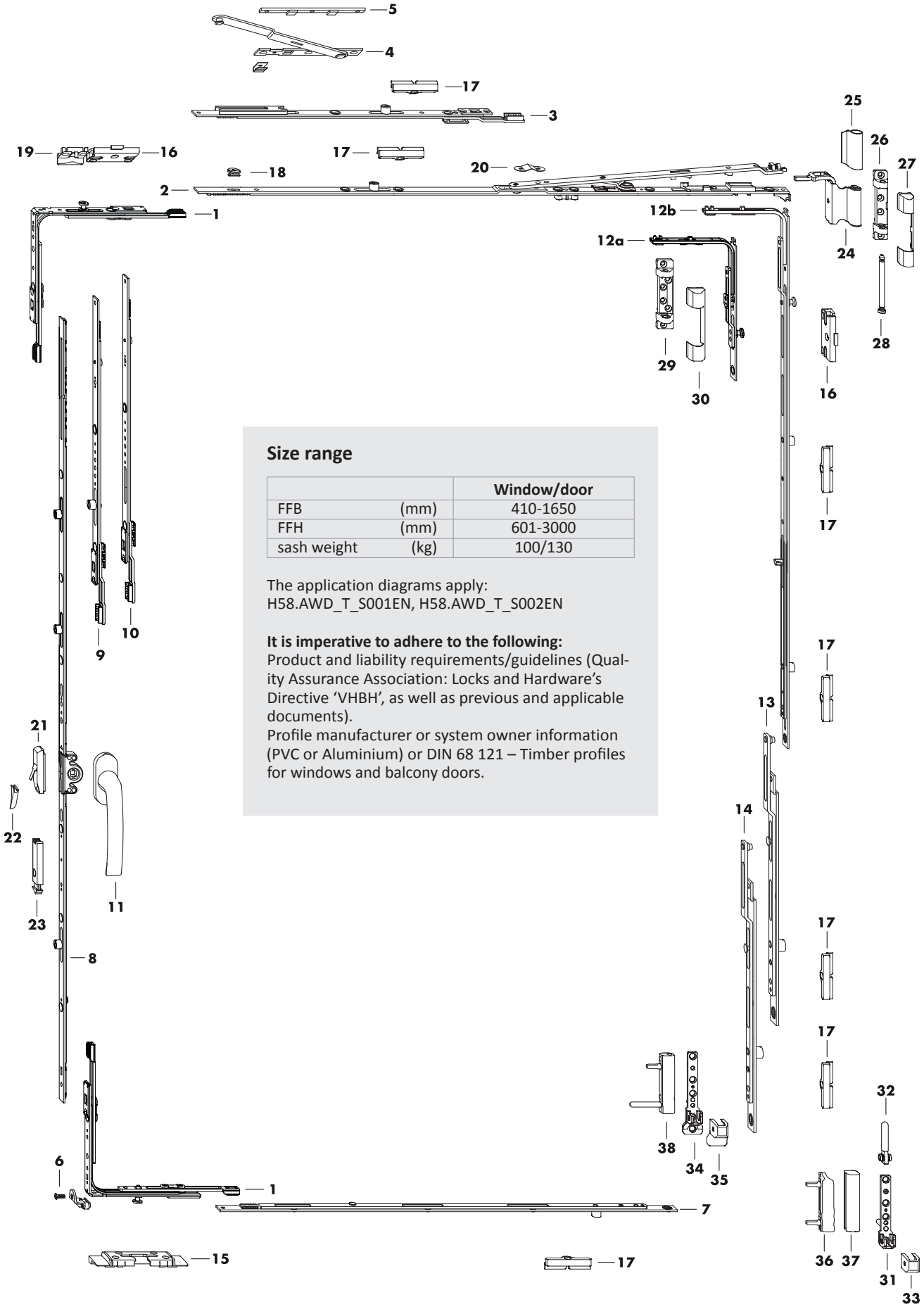


Size range

		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

It is imperative to adhere to the following:
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Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.



Size range

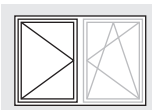
		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

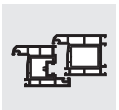
The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

It is imperative to adhere to the following:
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List of fittings slave sash

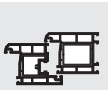
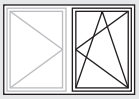
2-sash square tilt-turn/turn DSG gear
PVC GK Hinge side Si-line





Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.				
						In the main sash	50	51	52	53	54
39	corn.drive FAV VS 1S ..	FEUL0510- ...	2	410 – 1650			1			1	
40	stay 7 sz 30	707302	1	410 – 620							
	stay 7 sz 35 MV	707319		621 – 700							
	stay 7 sz 35 MV	707319		701 – 800							1
	stay 7 sz 50 MV	707326		801 – 1030							1
	stay 7 sz 55 MV	707333		1031 – 1260							1
	stay 7 sz 50 MV	707326		1261 – 1490							1
	stay 7 sz 55 MV	707333		1491 – 1650							1
41	linkage sz 460 MV	713266	1	1261 – 1650							1
42	sash lift S-ES	Ref. PDB, FMFH	1	410 – 1650							
43	centre lock sz 50	700969	1	701 – 1260							1
	centre lock sz 70	700976		1261 – 1490							1
	centre lock sz 90	700983		1491 – 1650							1
44	s.sash gear16 FAV 60/300	FGKS4030- ...	1		601 – 700	300					
	s.sash gear16 FAV 70/300 1SB	FGKS4040- ...			701 – 800	300		1			
	s.sash gear16 FAV 80/400 1SB	FGKS4050- ...			801 – 1000	400		1			
	s.sash gear16 FAV 100/500 1SB	FGKS4060- ...			1001 – 1200	500		1			
	s.sash gear16 FAV 120/600 1SB	FGKS4070- ...			1201 – 1400	600		1			
	s.sash gear16 FAV 140/700 2SB	FGKS4290- ...			1401 – 1600	700		1			
	s.sash gear16 FAV 160/700 2SB	FGKS4330- ...			1601 – 1800	700		1			
	s.sash gear16 FAV 180/1000 2SB	FGKS4100- ...			1801 – 2000	1000		1			
	s.sash gear16 FAV 200/1000 3SB	FGKS4280- ...			2001 – 3000	1000		1			
45	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201 – 2400						
	linkage FAV sz 400 A0767	FZSZ0130- ...			2401 – 3000				1		
46	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601 – 2800				1		
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801 – 3000						
47a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		601 – 700					1	
47b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		701 – 1200					1	1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201 – 1400					1	1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			1401 – 3000					1	2
48	MV extension sz 40	700945	1		2001 – 2200						1
	MV extension sz 60	700952			2201 – 3000						1
49	MV extension sz 40	700945	1		2401 – 2600						1
	MV extension sz 60	700952			2601 – 3000						1
50	tilt lock bear. S-ES FH	Ref. PDB, FRKA									
51	striker plate f. gear MV	Ref. PDB, FRSA02									
52	striker plate 56 A0767	TRSB0020- ...									
53	striker plate S-RS	Ref. PDB, TRSK									
54	striker plate S 56	Ref. PDB, TRSM									
on request											
55	striker plate 56 A0767	TRSB0020- ...	1		1601 – 3000						

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
56	stay hinge	Ref. PDB, FBWB			1	1
57	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
58	top hinge	Ref. PDB, FBSL01			1	
59	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
60	top hinge pin diam.6	FBSB0010-1 ...			1	1
61	top hinge S	Ref. PDB, FBSL02				1
62	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
63	bottom hinge	Ref. PDB, FBEL01			1	
64	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
65	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
66	bottom hinge S	Ref. PDB, FBEL02				1
67	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
68	corner hinge PVC	Ref. PDB, TBEB61			1	
69	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
70	corner hinge PVC130kg	Ref. PDB, TBEB63				1

List of fittings main sash

2-sash square tilt-turn/turn DSG gear
PVC GK Hinge side Si-line

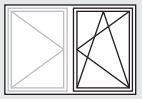
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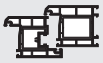
3P

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.		
							15	16	17
1	corn.drive FAV VS 1S ..	FEUL0510- ...	2	410 – 1650			1	1	
2	stay 7 sz 30	707302	1	410 – 620					
	stay 7 sz 35 MV	707319		621 – 700					
	stay 7 sz 35 MV	707319		701 – 800					1
	stay 7 sz 50 MV	707326		801 – 1030					1
	stay 7 sz 55 MV	707333		1031 – 1260					1
	stay 7 sz 50 MV	707326		1261 – 1490					1
	stay 7 sz 55 MV	707333		1491 – 1650					1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261 – 1650					1
4	additional stay	Ref. PDB, TSZS	1	1261 – 1650					
5	packer Z	Ref. PDB, FRUP01	1	1261 – 1650					
6	sash lift S-ES	Ref. PDB, FMFH	1	410 – 1650					
7	centre lock sz 50	700969	1	701 – 1260					1
	centre lock sz 70	700976		1261 – 1490					1
	centre lock sz 90	700983		1491 – 1650					1
8	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601 – 700	300			
	gear 15 FAV sz 70/G300 1V	FGKK4040- ...			701 – 800	300			
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801 – 1000	400			
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001 – 1200	500			
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201 – 1400	600			
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401 – 1600	700			
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601 – 1800	700			
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801 – 2000	1000			
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001 – 3000	1000			
9	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201 – 2400				
	linkage FAV sz 400 1V	FZSZ0110- ...			2401 – 3000				
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601 – 2800				
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801 – 3000				
11	handle Globe	Ref.access. ZHGS	1		601 – 3000				
12a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		601 – 700			1	
12b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		701 – 1200			1	1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201 – 1400			1	1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			1401 – 3000			1	2
13	MV extension sz 40	700945	1		2001 – 2200				1
	MV extension sz 60	700952			2201 – 3000				1
14	MV extension sz 40	700945	1		2401 – 2600				1
	MV extension sz 60	700952			2601 – 3000				1
15	tilt lock bear. S-ES FH	Ref. PDB, FRKA							
16	striker plate S-RS	Ref. PDB, TRSK							
17	striker plate S 56	Ref. PDB, TRSM							
on request									
18	location piece ..	702543	1						
19	frame part SP-S	Ref. PDB, FRZL01	1						
20	tilt restrictor ..	805701	1		601 – 800				
21	mishandling device FAV.	FFBS0110- ...	1		801 – 3000				
22	pressure piece	Ref. PDB, TFFD	1		801 – 3000				
23	snapper rh.	TFST0021- ...	1		1801 – 3000				
	snapper lh.	TFST0022- ...			1801 – 3000				

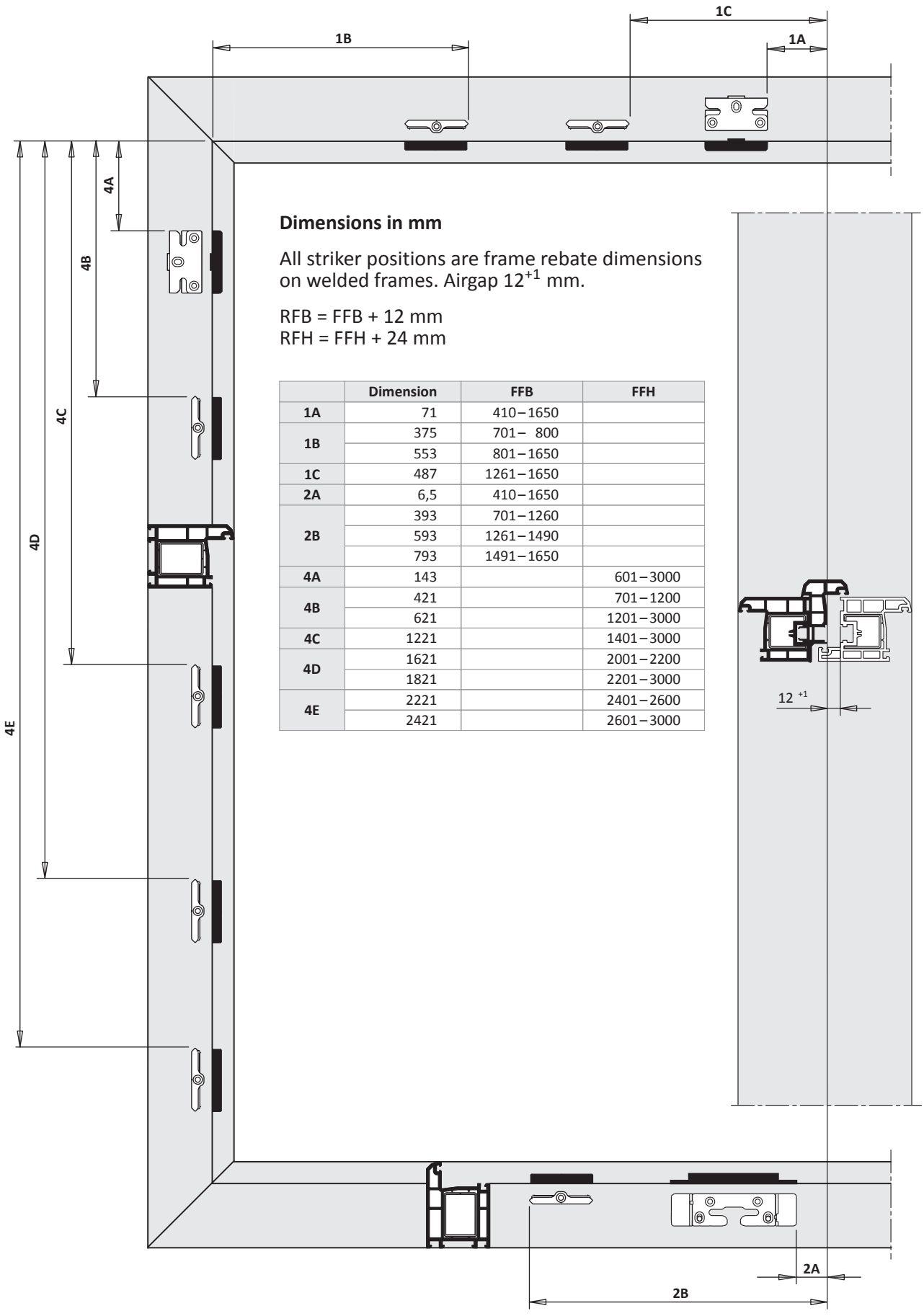
List of fittings main sash

2-sash square tilt-turn/turn DSG gear
PVC GK Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
24	stay hinge	Ref. PDB, FBWB			1	1
25	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
26	top hinge	Ref. PDB, FBSL01			1	
27	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
28	top hinge pin diam.6	FBSB0010-1 ...			1	1
29	top hinge S	Ref. PDB, FBSL02				1
30	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
31	bottom hinge	Ref. PDB, FBEL01			1	
32	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
33	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
34	bottom hinge S	Ref. PDB, FBEL02				1
35	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
36	corner hinge PVC	Ref. PDB, TBEB61			1	
37	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
38	corner hinge PVC130kg	Ref. PDB, TBEB63				1



Dimensions in mm

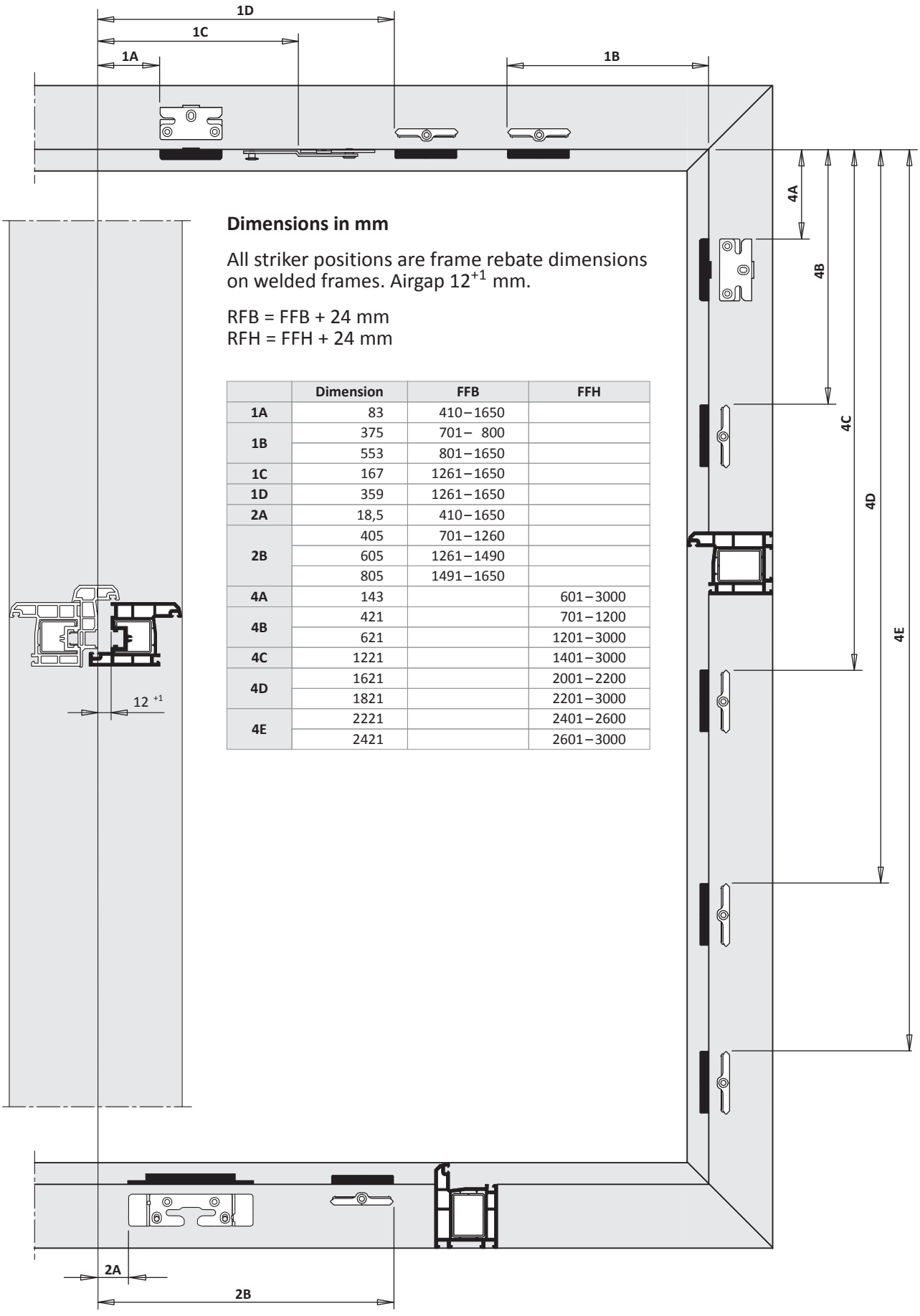
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	71	410–1650	
1B	375	701– 800	
	553	801–1650	
1C	487	1261–1650	
2A	6,5	410–1650	
2B	393	701–1260	
	593	1261–1490	
	793	1491–1650	
4A	143		601–3000
4B	421		701–1200
	621		1201–3000
4C	1221		1401–3000
4D	1621		2001–2200
	1821		2201–3000
4E	2221		2401–2600
	2421		2601–3000

Frame dimensions main sash

2-sash square tilt-turn/turn DSG gear
PVC GK Hinge side Si-line



Dimensions in mm

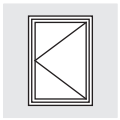
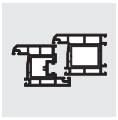
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	410 – 1650	
1B	375	701 – 800	
	553	801 – 1650	
1C	167	1261 – 1650	
1D	359	1261 – 1650	
2A	18,5	410 – 1650	
2B	405	701 – 1260	
	605	1261 – 1490	
	805	1491 – 1650	
4A	143		601 – 3000
4B	421		701 – 1200
	621		1201 – 3000
4C	1221		1401 – 3000
4D	1621		2001 – 2200
	1821		2201 – 3000
4E	2221		2401 – 2600
	2421		2601 – 3000

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Installation instructions



GS

1-sash square turn

PVC

basic security

fixed handle position

Hinge side Si-line

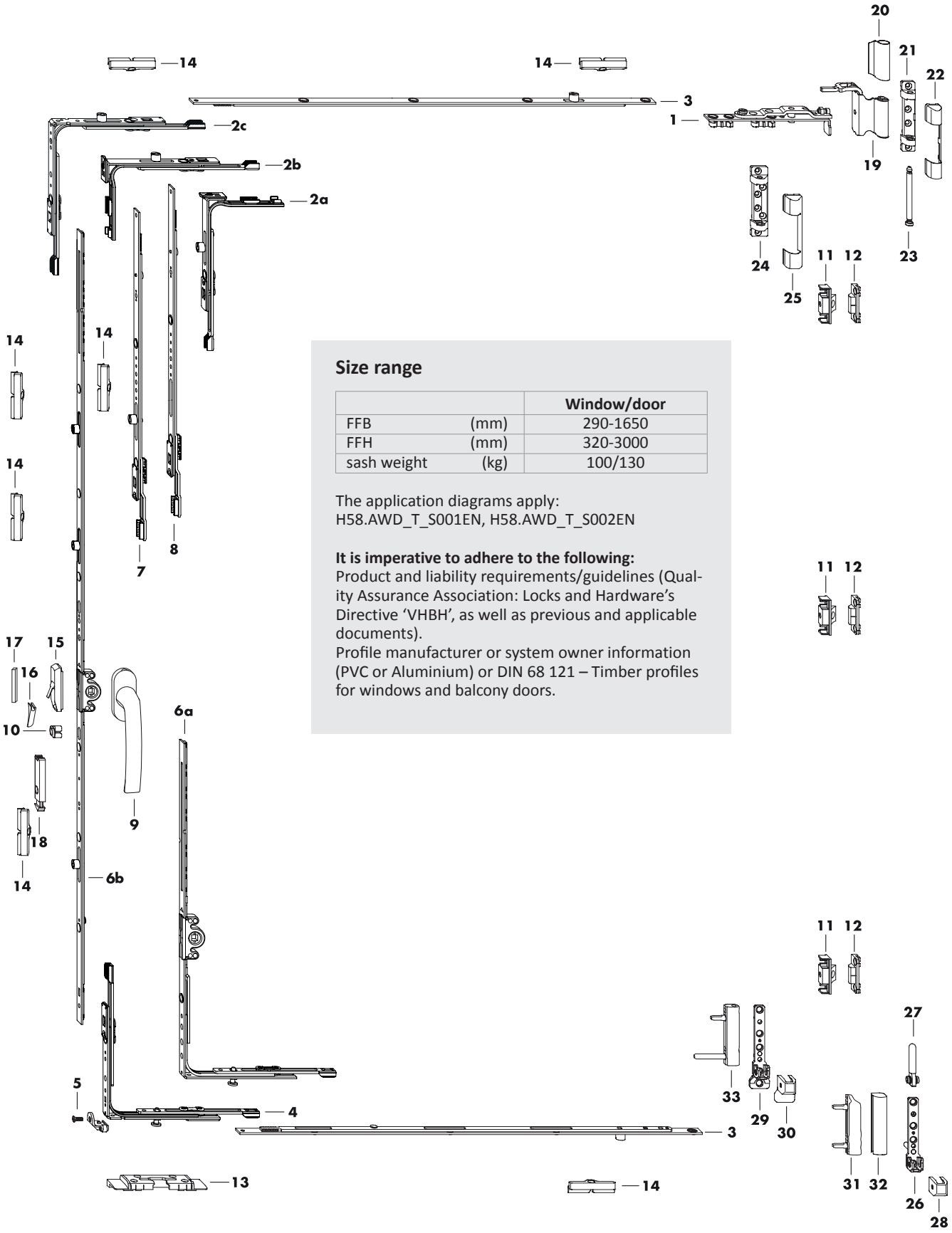
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 800
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side turning points	loose bottom hinge pin

hardware layout

1-sash square turn
PVC GK Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

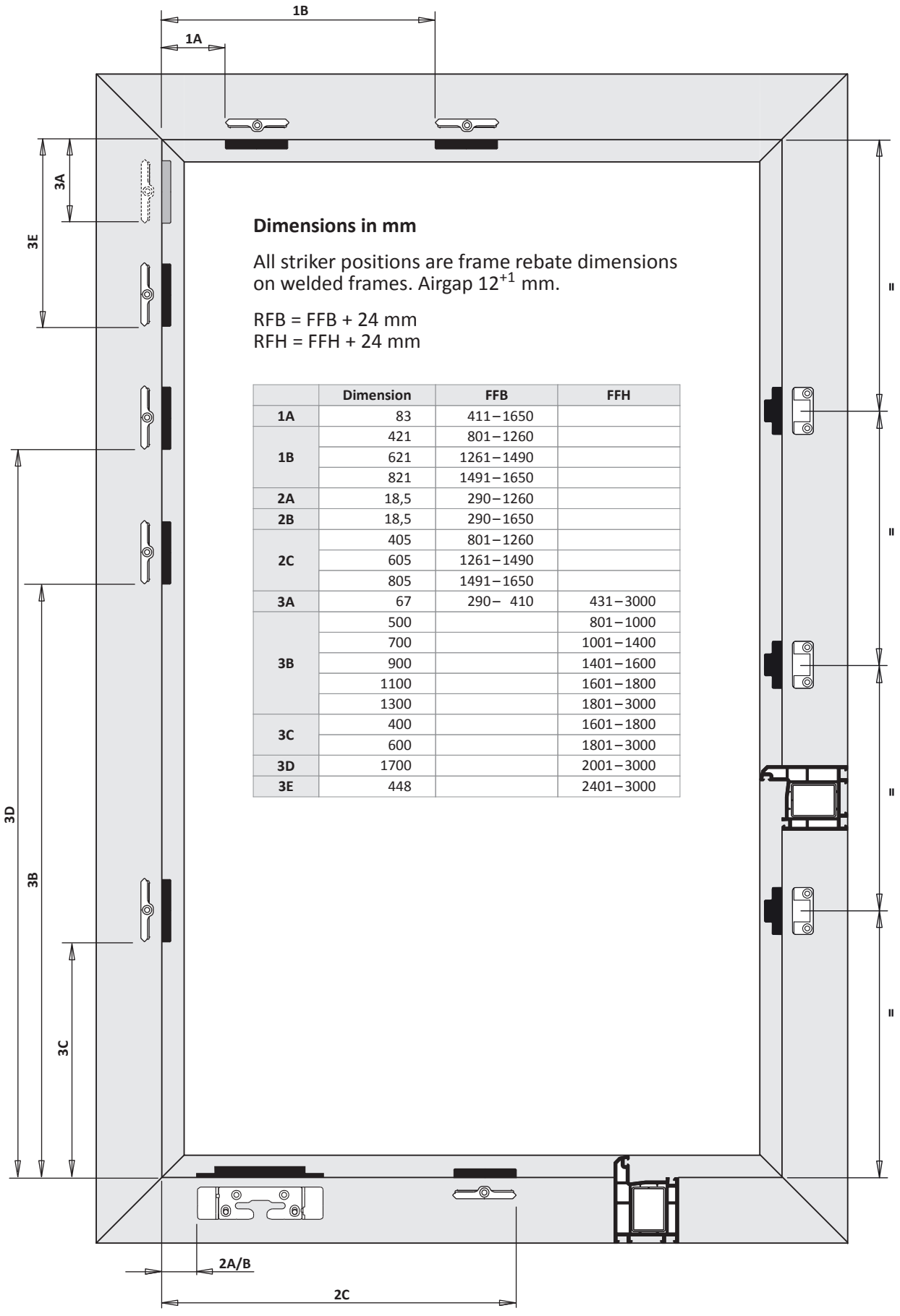
It is imperative to adhere to the following:
Product and liability requirements/guidelines (Quality Assurance Association: Locks and Hardware's Directive 'VHBH', as well as previous and applicable documents).
Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							13	14
1	stay 7 DF	707340	1	290–1650				
2a	corn.drive narrow VSO ..	FEUL0520- ...	1	290– 410	431–3000			1
2b	corn.drive narrow VSO ..	FEUL0520- ...	1	411– 800	320– 430			1
2c	corn.drive VSO ..	FEUL0230- ...	1	411–1650	431–3000			1
3	centre lock sz 50	700969	2	801–1260				2
	centre lock sz 70	700976		1261–1490				2
	centre lock sz 90	700983		1491–1650				2
4	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1	
5	sash lift S-ES	Ref. PDB, FMFH	1	290–1650				
6a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1	
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...		290–1260	431– 600	180	1	
6b	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601– 800	300		
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801–1000	400		1
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001–1200	500		1
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201–1400	600		1
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401–1600	700		1
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601–1800	700		2
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801–2000	1000		2
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001–3000	1000		3
7	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201–2400			
	linkage FAV sz 400 1V	FZSZ0110- ...			2401–3000			1
8	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601–2800			
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801–3000			
9	handle Globe	Ref.access. ZHGS	1		320–3000			
10	travel restrictor	TFHB0010- ...	1		320–3000			
11	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			
12	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			
13	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
14	striker plate S 56	Ref. PDB, TRSM						
on request								
15	mishandling device FAV.	FFBS0110- ...	1					
16	pressure piece	Ref. PDB, TFFD	1					
17	stop	Ref. PDB, FRZF01	1					
18	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
19	stay hinge	Ref. PDB, FBWB			1	1
20	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
21	top hinge	Ref. PDB, FBSL01			1	
22	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
23	top hinge pin diam.6	FBSB0010-1 ...			1	1
24	top hinge S	Ref. PDB, FBSL02				1
25	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
26	bottom hinge	Ref. PDB, FBEL01			1	
27	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
28	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
29	bottom hinge S	Ref. PDB, FBEL02				1
30	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
31	corner hinge PVC	Ref. PDB, TBEB61			1	
32	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
33	corner hinge PVC130kg	Ref. PDB, TBEB63				1

Frame dimensions

1-sash square turn
PVC GK Hinge side Si-line



Dimensions in mm

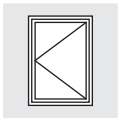
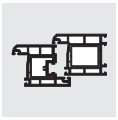
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1650	
1B	421	801–1260	
	621	1261–1490	
	821	1491–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	801–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
3B	500		801–1000
	700		1001–1400
	900		1401–1600
	1100		1601–1800
	1300		1801–3000
3C	400		1601–1800
	600		1801–3000
3D	1700		2001–3000
3E	448		2401–3000

FAVORIT

Installation instructions

without security

1-sash square turn

PVC

without security

fixed handle position

Hinge side Si-line

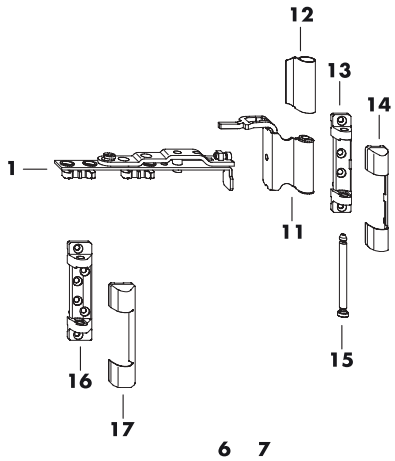
surface TS

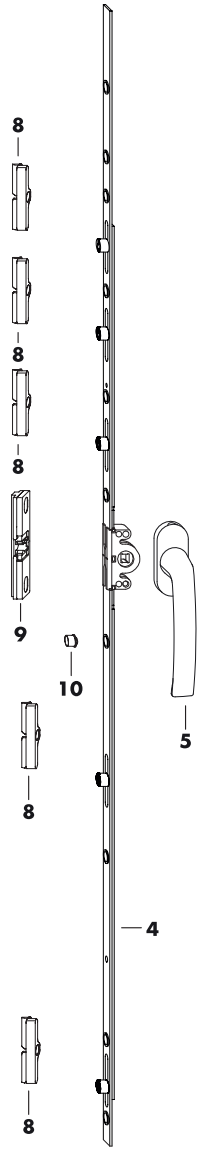
backset 15 mm

Hardware set configuration	
General	Locking-points distance 800; gear DF
Stay side	one-piece stay
Locking side	mishandl. device on gear
Hinge side turning points	loose bottom hinge pin

hardware layout

1-sash square turn
PVC GK Hinge side Si-line



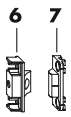


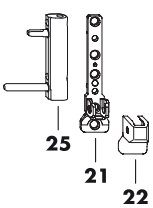
Size range

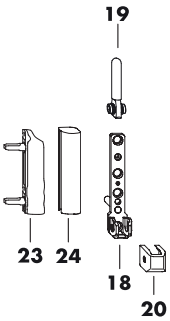
		Window/door
FFB	(mm)	290-800
FFH	(mm)	320-2400
sash weight	(kg)	100/130

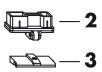
The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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.







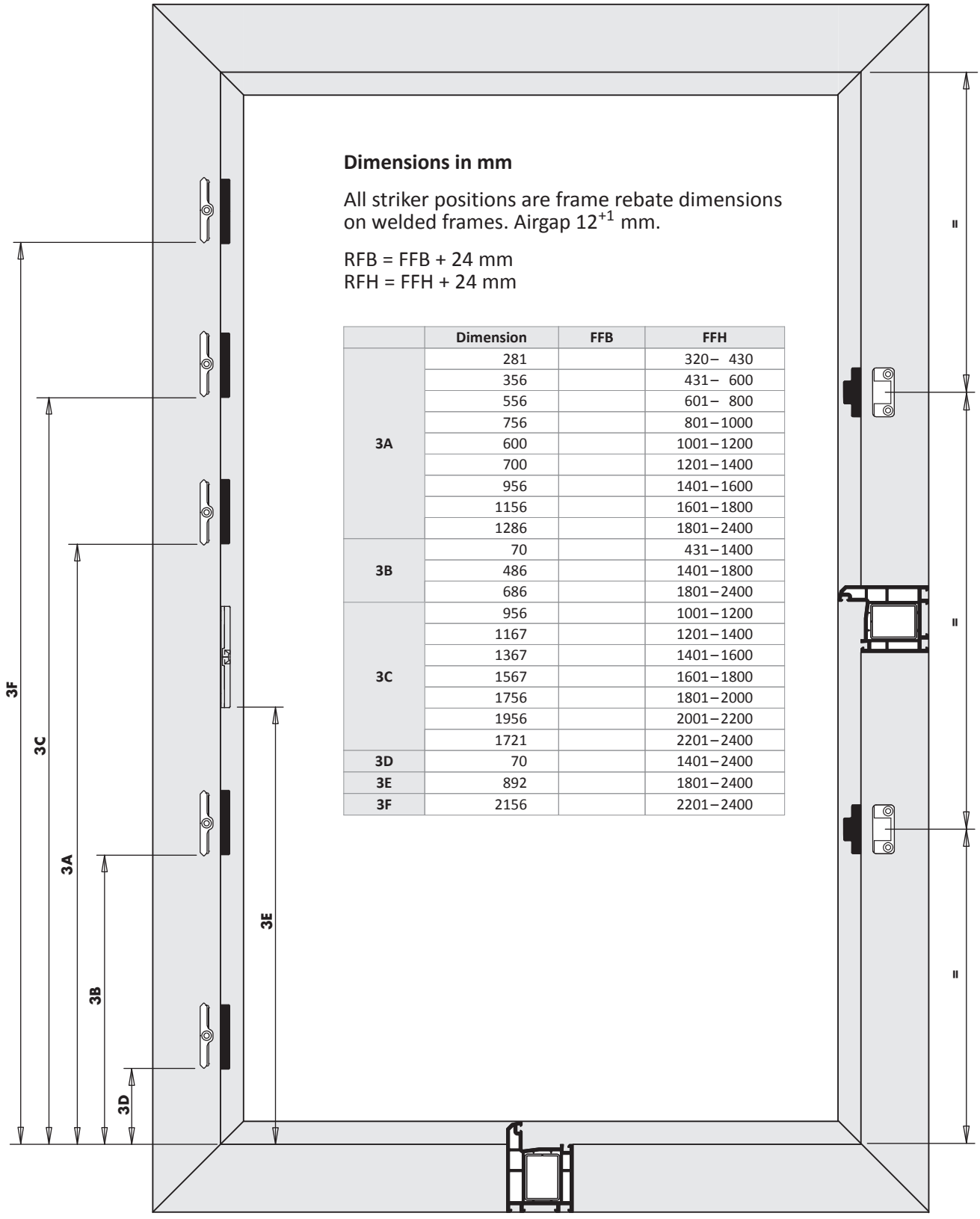


Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.
							8
1	stay 7 DF	707340	1	290 – 800			
2	sash lift .. A2000	TFFH0010- ...	1	290 – 800			
3	run-up FH/TiP	Ref. PDB, TRAL	1	290 – 800			
4	gear 15 FAV/DF sz 30/G180 1V	FGKD3510- ...	1		320 – 430	180	1
	gear 15 FAV/DF sz 40/G180 2V	FGKD3520- ...			431 – 600	180	2
	gear 15 FAV/DF sz 60/G300 2V	FGKD3530- ...			601 – 800	300	2
	gear 15 FAV/DF sz 80/G400 2V	FGKD3540- ...			801 – 1000	400	2
	gear 15 FAV/DF sz 100/G500 3V	FGKD3550- ...			1001 – 1200	500	3
	gear 15 FAV/DF sz 120/G600 3V	FGKD3560- ...			1201 – 1400	600	3
	gear 15 FAV/DF sz 140/G700 4V	FGKD3570- ...			1401 – 1600	700	4
	gear 15 FAV/DF sz 160/G700 4V	FGKD3580- ...			1601 – 1800	700	4
	gear 15 FAV/DF sz 180/G1000 4V	FGKD3590- ...			1801 – 2000	1000	4
	gear 15 FAV/DF sz 200/G1000 4V	FGKD3600- ...			2001 – 2200	1000	4
	gear 15 FAV/DF sz 220/G1000 5V	FGKD3610- ...			2201 – 2400	1000	5
5	handle Globe	Ref.access. ZHGS	1		320 – 2400		
6	sash part MV	Ref. PDB, ZFMV01	1		801 – 1600		
	sash part MV	Ref. PDB, ZFMV01	2		1601 – 2400		
7	frame part MV	Ref. PDB, ZRZM01	1		801 – 1600		
	frame part MV	Ref. PDB, ZRZM01	2		1601 – 2400		
8	striker plate S 56	Ref. PDB, TRSM					
on request							
9	snapper	Ref. PDB, FRZB	1		1801 – 2400		
10	sleeve	Ref. PDB, FFHU	1		1801 – 2400		

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
11	stay hinge	Ref. PDB, FBWB			1	1
12	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
13	top hinge	Ref. PDB, FBSL01			1	
14	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
15	top hinge pin diam.6	FBSB0010-1 ...			1	1
16	top hinge S	Ref. PDB, FBSL02				1
17	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
18	bottom hinge	Ref. PDB, FBEL01			1	
19	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
20	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
21	bottom hinge S	Ref. PDB, FBEL02				1
22	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
23	corner hinge PVC	Ref. PDB, TBEB61			1	
24	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
25	corner hinge PVC130kg	Ref. PDB, TBEB63				1

Frame dimensions

1-sash square turn
PVC GK Hinge side Si-line



Dimensions in mm

All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
3A	281		320 – 430
	356		431 – 600
	556		601 – 800
	756		801 – 1000
	600		1001 – 1200
	700		1201 – 1400
	956		1401 – 1600
	1156		1601 – 1800
	1286		1801 – 2400
3B	70		431 – 1400
	486		1401 – 1800
	686		1801 – 2400
3C	956		1001 – 1200
	1167		1201 – 1400
	1367		1401 – 1600
	1567		1601 – 1800
	1756		1801 – 2000
	1956		2001 – 2200
	1721		2201 – 2400
3D	70		1401 – 2400
3E	892		1801 – 2400
3F	2156		2201 – 2400

Vertical tilt point

1-sash square tilt-turn	H48.FAVKFM0S500EN	3 - 3
2-sash square tilt-turn/turn DS 16	H48.FAVKFM0S502EN	3 - 9
2-sash square tilt-turn/turn shoot bolt	H48.FAVKFM0S501EN	3 - 17

Horizontal tilt point - basic security

1-sash square tilt-turn	H48.FAVKFM0S600EN	3 - 25
2-sash square tilt-turn/turn DS 16	H48.FAVKFM0S601EN	3 - 31
2-sash square tilt-turn/turn shoot bolt	H48.FAVKFM0S602EN	3 - 39

Tilt before turn (TBT)

1-sash square tilt before turn	H48.FAVKFM0S604EN	3 - 47

Locking distance 700

1-sash square tilt-turn	H48.FAVKFM0S700EN	3 - 53
2-sash square tilt-turn/turn DS 16	H48.FAVKFM0S701EN	3 - 59

Horizontal tilt point - 3-point security

1-sash square tilt-turn	H48.FAVKFM3PS600EN	3 - 67
2-sash square tilt-turn/turn DS 16	H48.FAVKFM3PS601EN	3 - 73

Tilt before turn (TBT)

1-sash square tilt before turn	H48.FAVKFM3PS602EN	3 - 81

Locking distance 700

1-sash square tilt-turn	H48.FAVKFM3PS700EN	3 - 87
2-sash square tilt-turn/turn DS 16	H48.FAVKFM3PS701EN	3 - 93

Turn only sash

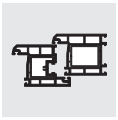
1-sash square turn with gear DK	H48.FAVKFM0S605EN	3 - 101
1-sash square turn with gear DF	H48.FAVKFM0S606EN	3 - 105

Tilt sash

1-sash square tilt	H48.FAVKFM0S607EN	3 - 109

FAVORIT

Installation instructions

without security

1-sash square tilt-turn

PVC

without security

centre handle pos. (variable)

Hinge side Si-line

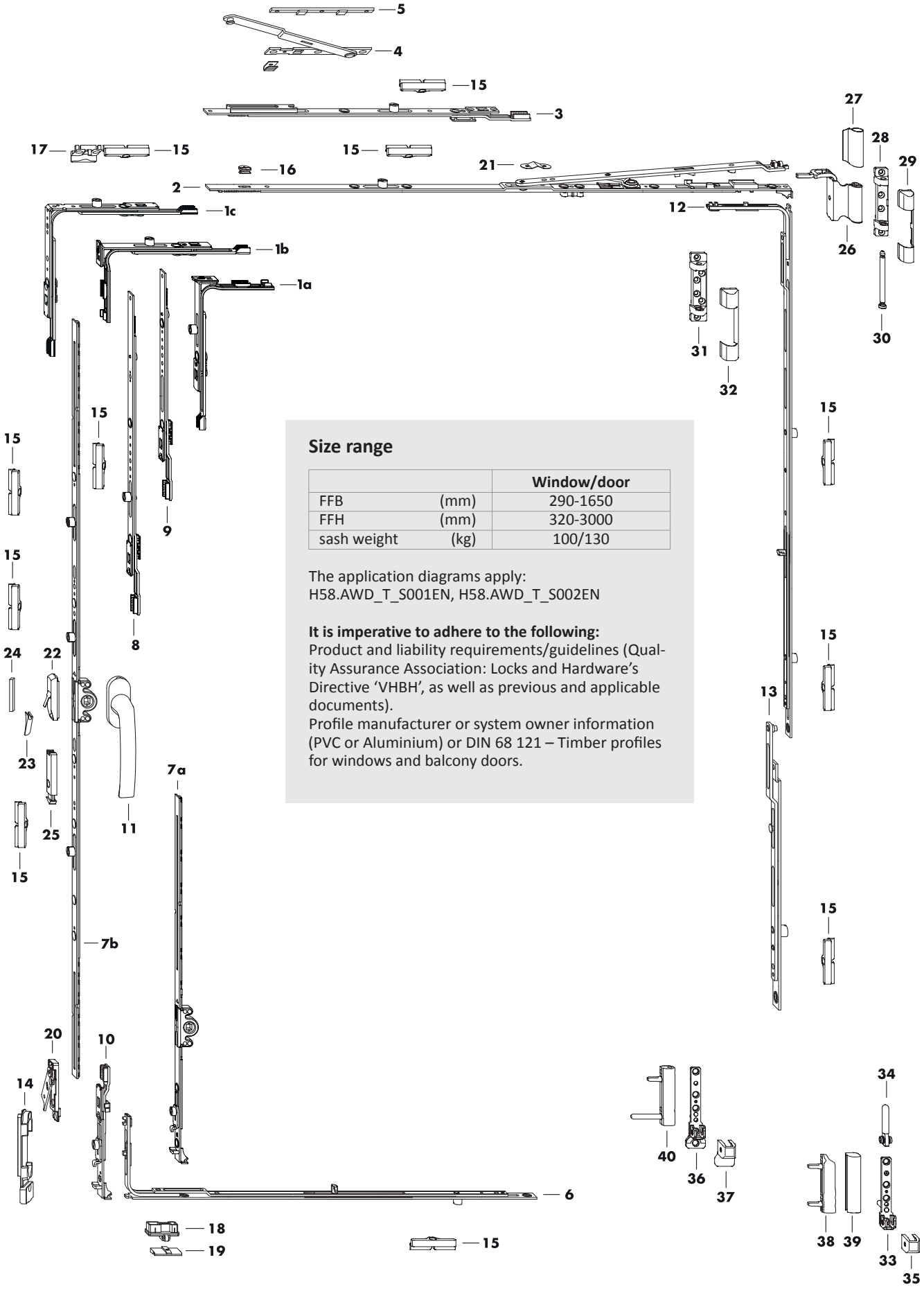
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 800; vertical tilt point
Stay side	one-piece stay
Bottom	
Locking side	sash lift arm + mishandl.dev.
Hinge side	corner drive BS 2V
Hinge side turning points	loose bottom hinge pin

hardware layout

1-sash square tilt-turn
PVC GM Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

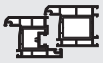
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Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							14	15
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	290– 410	431–3000			1
1b	corn.drive narrow VSO ..	FEUL0520- ...	1	411– 800	320– 430			1
1c	corn.drive VSO ..	FEUL0230- ...	1	411–1650	431–3000			1
2	stay 7 sz 30	707302	1	290– 620				
	stay 7 sz 35 MV	707319		621– 800				
	stay 7 sz 50 MV	707326		801–1030				1
	stay 7 sz 55 MV	707333		1031–1260				1
	stay 7 sz 50 MV	707326		1261–1490				1
	stay 7 sz 55 MV	707333		1491–1650				1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650				1
4	additional stay	Ref. PDB, TSZS	1	1261–1650				
5	packer Z	Ref. PDB, FRUP01	1	1261–1650				
6	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1	801–1260				1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...		1261–1490				1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...		1491–1650				1
7a	gear 15 FAV sz 30/G180	FGKK4010- ...	1	411– 800	320– 430	180	1	
	gear 15 FAV sz 30/G180	FGKK4010- ...			431– 600	180	1	
7b	gear 15 FAV sz 60	FGMK4020- ...	1		601– 800	300– 400		
	gear 15 FAV sz 80 1V	FGMK4040- ...			801–1200	400– 600		1
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201–1400	600– 700		1
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401–1600	700– 800		2
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601–2000	800–1000		2
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001–2400	1000–1200		3
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401–3000	1200		3
8	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401–2600			
	linkage FAV sz 400 1V	FZSZ0110- ...			2601–3000			1
9	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801–3000			
10	tilt lock element FAV/FH	FEKB1010- ...	1		601–3000		1	
11	handle Globe	Ref.access. ZHGS	1		320–3000			
12	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		801–1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1600			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601–2000			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001–3000			2
13	MV extension sz 40	700945	1		2401–2600			1
	MV extension sz 60	700952			2601–3000			1
14	tilt striker plate FHA	Ref. PDB, TRKV						
15	striker plate S 56	Ref. PDB, TRSM						
on request								
16	location piece ..	702543	1					
17	frame part SP-S	Ref. PDB, FRZL01	1					
18	sash lift .. A2000	TFFH0010- ...	1		320– 600			
19	run-up FH/TiP	Ref. PDB, TRAL	1		320– 600			
20	sash lift KRB .. rh.	TFFH0151- ...	1		601–3000			
	sash lift KRB .. lh.	TFFH0152- ...			601–3000			
21	tilt restrictor ..	805701	1		320– 800			
22	mishandling device FAV.	FFBS0110- ...	1					
23	pressure piece	Ref. PDB, TFFD	1					
24	stop	Ref. PDB, FRZF01	1					
25	snapper rh.	TFST0021- ...	1		1601–3000			
	snapper lh.	TFST0022- ...			1601–3000			

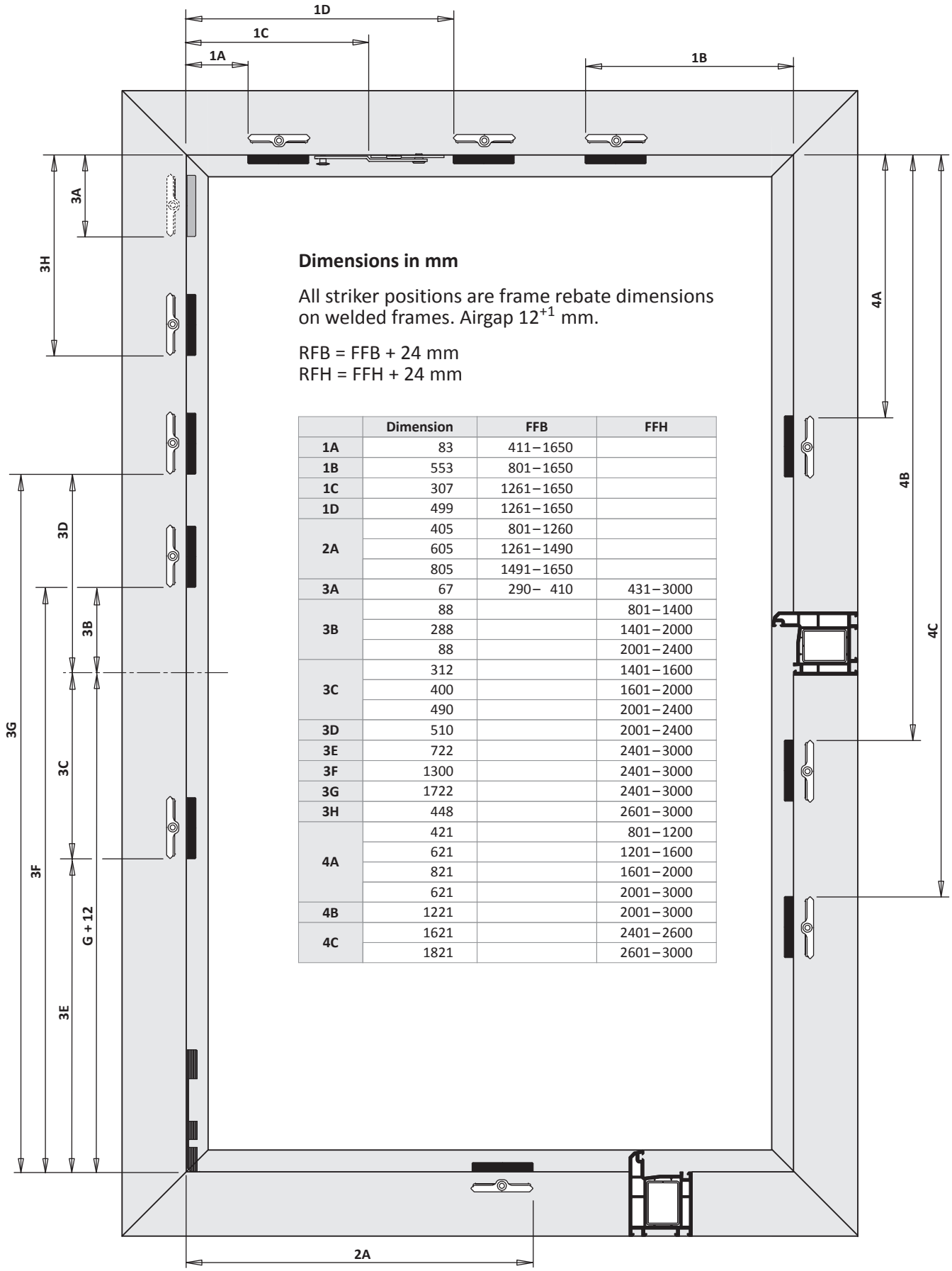
List of fittings

1-sash square tilt-turn
PVC GM Hinge side Si-line





Hinge side turning points						
Pos.	**Description**	**Part number**			**required as per sash weight**	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
26	stay hinge	Ref. PDB, FBWB			1	1
27	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
28	top hinge	Ref. PDB, FBSL01			1	
29	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
30	top hinge pin diam.6	FBSB0010-1 ...			1	1
31	top hinge S	Ref. PDB, FBSL02				1
32	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
33	bottom hinge	Ref. PDB, FBEL01			1	
34	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
35	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
36	bottom hinge S	Ref. PDB, FBEL02				1
37	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
38	corner hinge PVC	Ref. PDB, TBEB61			1	
39	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
40	corner hinge PVC130kg	Ref. PDB, TBEB63				1



Dimensions in mm

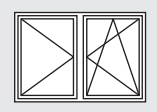
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1650	
1B	553	801–1650	
1C	307	1261–1650	
1D	499	1261–1650	
2A	405	801–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
3B	88		801–1400
	288		1401–2000
	88		2001–2400
3C	312		1401–1600
	400		1601–2000
	490		2001–2400
3D	510		2001–2400
3E	722		2401–3000
3F	1300		2401–3000
3G	1722		2401–3000
3H	448		2601–3000
4A	421		801–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4B	1221		2001–3000
4C	1621		2401–2600
	1821		2601–3000

FAVORIT

Installation instructions



without security

2-sash square tilt-turn/turn DSG gear

PVC

without security

centre handle pos. (variable)

Hinge side Si-line

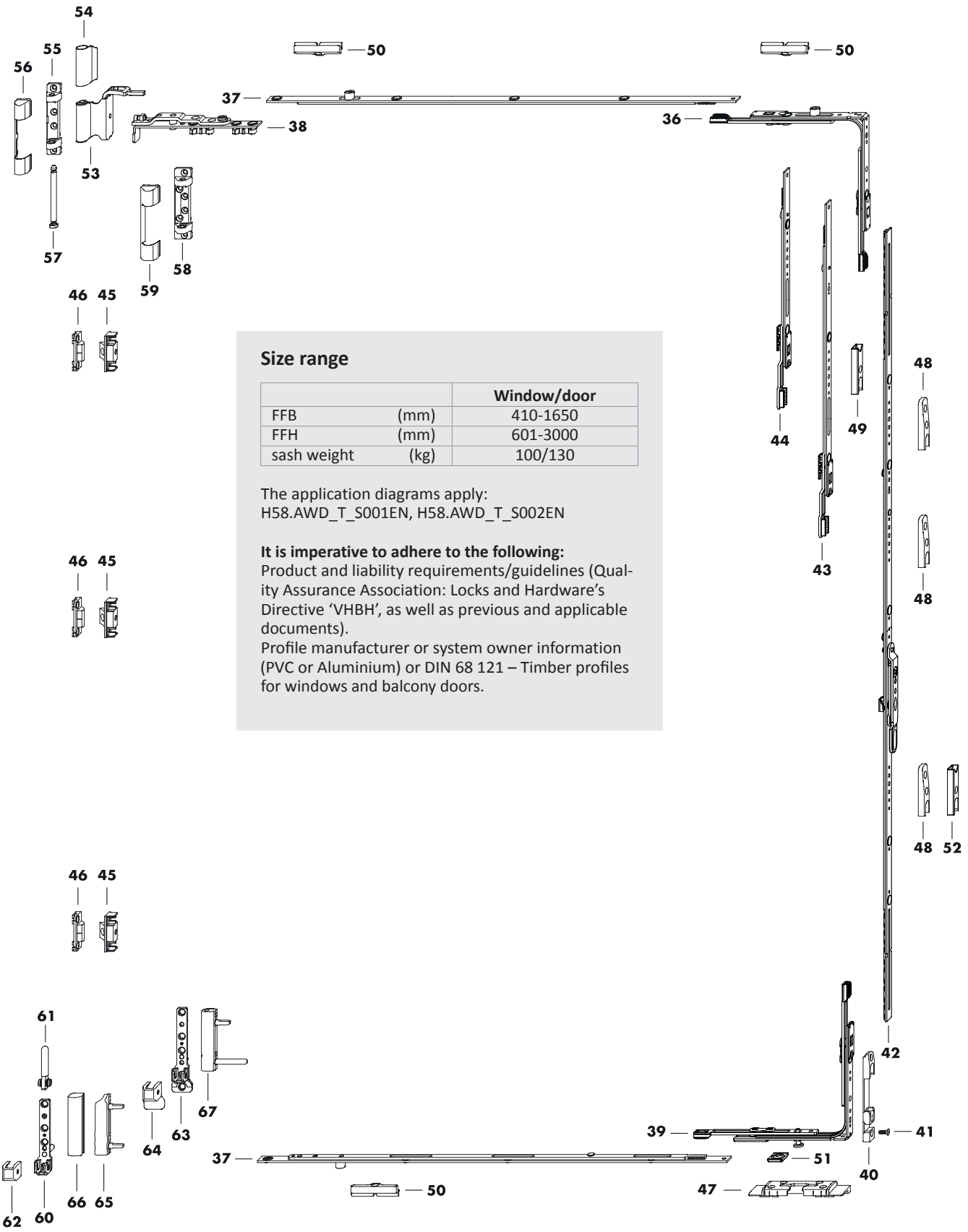
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 800; vertical tilt point
Stay side	one-piece stay
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose bottom hinge pin

hardware layout slave sash

2-sash square tilt-turn/turn DSG gear
PVC GM Hinge side Si-line

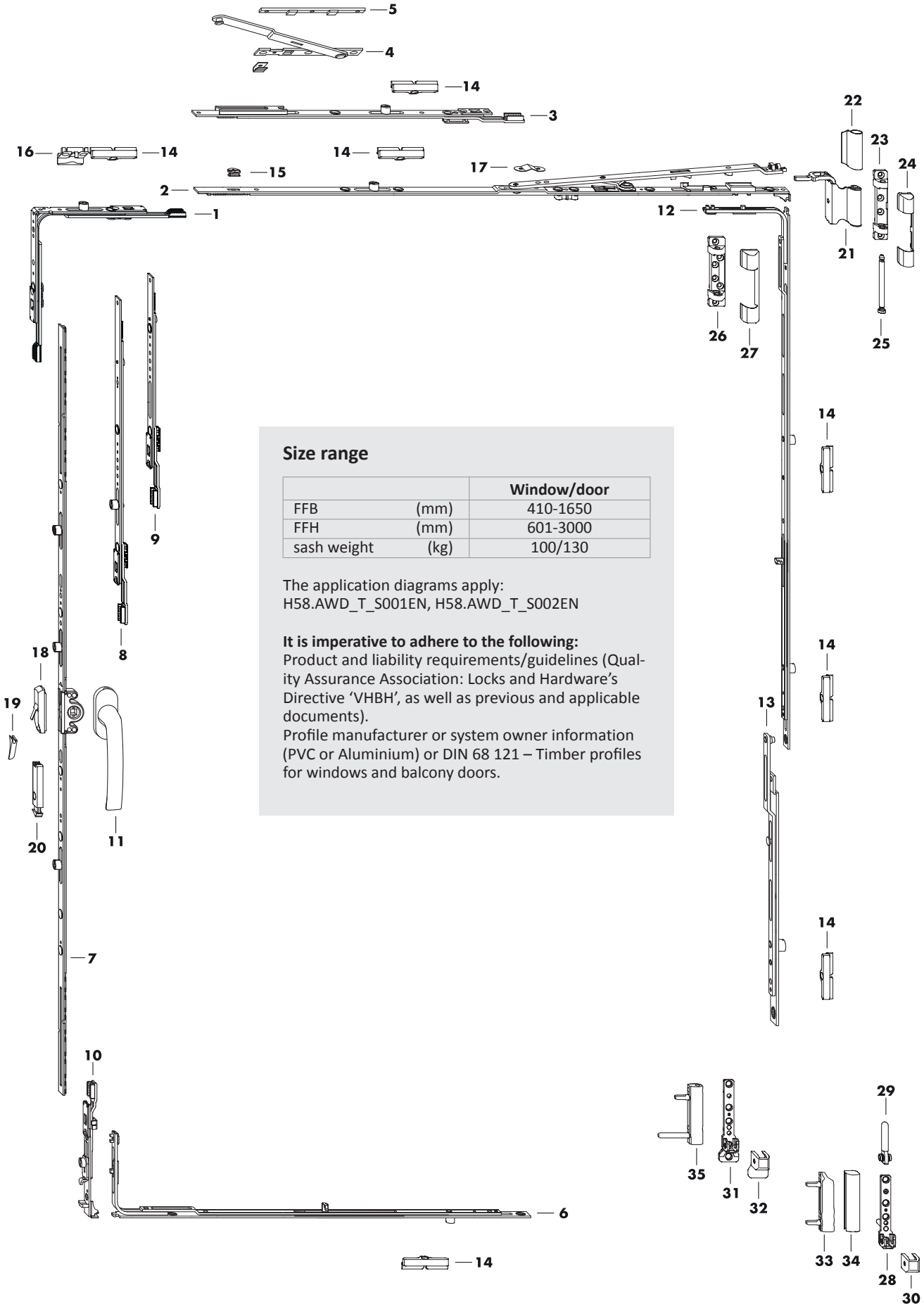


Size range

		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

It is imperative to adhere to the following:
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Size range

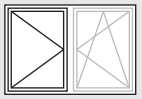
		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

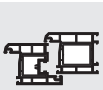
The application diagrams apply:
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List of fittings slave sash

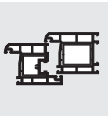
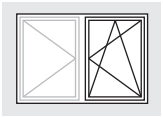
2-sash square tilt-turn/turn DSG gear
PVC GM Hinge side Si-line





Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.			
						In the main sash	47	48	49	50
36	corn.drive VSO ..	FEUL0230- ...	1	410 – 1650						1
37	centre lock sz 50	700969	2	801 – 1260						2
	centre lock sz 70	700976		1261 – 1490						2
	centre lock sz 90	700983		1491 – 1650						2
38	stay 7 DF	707340	1	410 – 1650						
39	corn.drive FAV VS 1S ..	FEUL0510- ...	1	410 – 1650			1			
40	tilt striker plate A0767	710258	1	410 – 1650						
41	count. tapp. screw 3,9x13 H ..	717950	1	410 – 1650						
42	s.sash gear16 FAV 60/300	FGKS4030- ...	1		601 – 800	300 – 400				
	sec.sash gear16 FAV sz .80 1SB	FGMS4040- ...			801 – 1200	400 – 600		1		
	sec.sash gear16 FAV sz 120 1SB	FGMS4050- ...			1201 – 1400	600 – 700		1		
	sec.sash gear16 FAV sz 120 2SB	FGMS4120- ...			1401 – 1600	700 – 800		1		
	sec.sash gear16 FAV sz 160 2SB	FGMS4130- ...			1601 – 2000	800 – 1000		1		
	sec.sash gear16 FAV sz 200 3SB	FGMS4100- ...			2001 – 2400	1000 – 1200		1		
	sec.sash gear16 FAV sz 200 3SB	FGMS4100- ...			2401 – 3000	1200		1		
43	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401 – 2600				1	
	linkage FAV sz 400 A0767	FZSZ0130- ...			2601 – 3000				1	
44	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801 – 3000					
45	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					
46	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					
47	tilt lock bear. S-ES FH	Ref. PDB, FRKA								
48	striker plate f. gear MV	Ref. PDB, FRSA02								
49	striker plate 56 A0767	TRSB0020- ...								
50	striker plate S 56	Ref. PDB, TRSM								
on request										
51	run-up ..	884959	1							
52	striker plate 56 A0767	TRSB0020- ...	1		1601 – 3000					

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
53	stay hinge	Ref. PDB, FBWB			1	1
54	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
55	top hinge	Ref. PDB, FBSL01			1	
56	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
57	top hinge pin diam.6	FBSB0010-1 ...			1	1
58	top hinge S	Ref. PDB, FBSL02				1
59	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
60	bottom hinge	Ref. PDB, FBEL01			1	
61	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
62	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
63	bottom hinge S	Ref. PDB, FBEL02				1
64	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
65	corner hinge PVC	Ref. PDB, TBEB61			1	
66	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
67	corner hinge PVC130kg	Ref. PDB, TBEB63				1

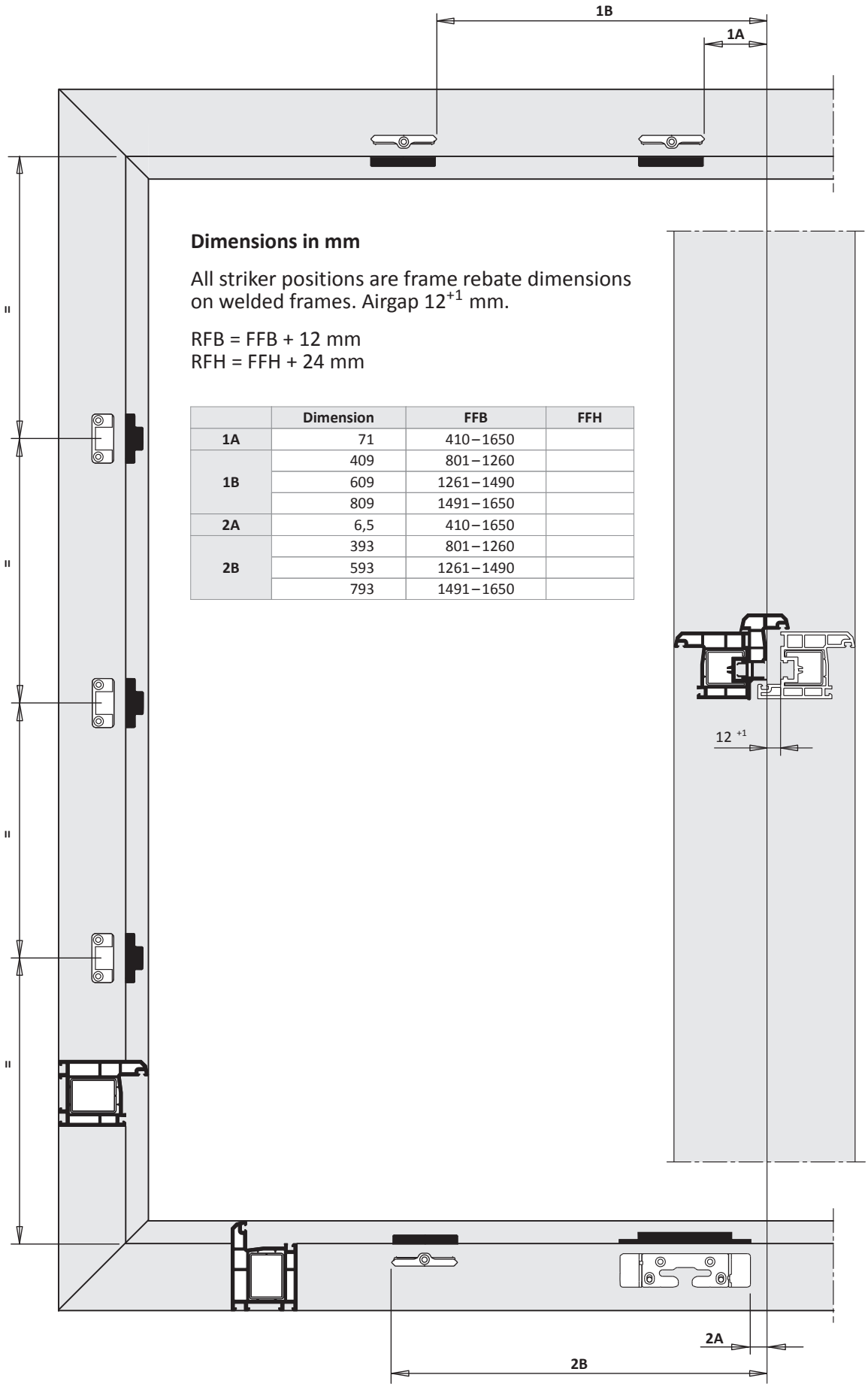



Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.
							14
1	corn.drive VSO ..	FEUL0230- ...	1	410 – 1650			1
2	stay 7 sz 30	707302	1	410 – 620			
	stay 7 sz 35 MV	707319		621 – 800			
	stay 7 sz 50 MV	707326		801 – 1030			1
	stay 7 sz 55 MV	707333		1031 – 1260			1
	stay 7 sz 50 MV	707326		1261 – 1490			1
	stay 7 sz 55 MV	707333		1491 – 1650			1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261 – 1650			1
4	additional stay	Ref. PDB, TSZS	1	1261 – 1650			
5	packer Z	Ref. PDB, FRUP01	1	1261 – 1650			
6	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1	801 – 1260			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...		1261 – 1490			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...		1491 – 1650			1
7	gear 15 FAV sz 60	FGMK4020- ...	1		601 – 800	300 – 400	
	gear 15 FAV sz 80 1V	FGMK4040- ...			801 – 1200	400 – 600	
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201 – 1400	600 – 700	
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401 – 1600	700 – 800	
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601 – 2000	800 – 1000	
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001 – 2400	1000 – 1200	
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401 – 3000	1200	
8	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401 – 2600		
	linkage FAV sz 400 1V	FZSZ0110- ...			2601 – 3000		
9	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801 – 3000		
10	tilt lock element FAV/FH	FEKB1010- ...	1		601 – 3000		
11	handle Globe	Ref.access. ZHGS	1		601 – 3000		
12	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		801 – 1200		1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201 – 1600		1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601 – 2000		1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001 – 3000		2
13	MV extension sz 40	700945	1		2401 – 2600		1
	MV extension sz 60	700952			2601 – 3000		1
14	striker plate S 56	Ref. PDB, TRSM					
on request							
15	location piece ..	702543	1				
16	frame part SP-S	Ref. PDB, FRZL01	1				
17	tilt restrictor ..	805701	1		601 – 800		
18	mishandling device FAV.	FFBS0110- ...	1		801 – 3000		
19	pressure piece	Ref. PDB, TFFD	1		801 – 3000		
20	snapper rh.	TFST0021- ...	1		1601 – 3000		
	snapper lh.	TFST0022- ...			1601 – 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	Ref. PDB, FBWB			1	1
22	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
23	top hinge	Ref. PDB, FBSL01			1	
24	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
25	top hinge pin diam.6	FBSB0010-1 ...			1	1
26	top hinge S	Ref. PDB, FBSL02				1
27	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
28	bottom hinge	Ref. PDB, FBEL01			1	
29	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
30	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
31	bottom hinge S	Ref. PDB, FBEL02				1
32	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
33	corner hinge PVC	Ref. PDB, TBEB61			1	
34	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
35	corner hinge PVC130kg	Ref. PDB, TBEB63				1

Frame dimensions slave sash

2-sash square tilt-turn/turn DSG gear
PVC GM Hinge side Si-line

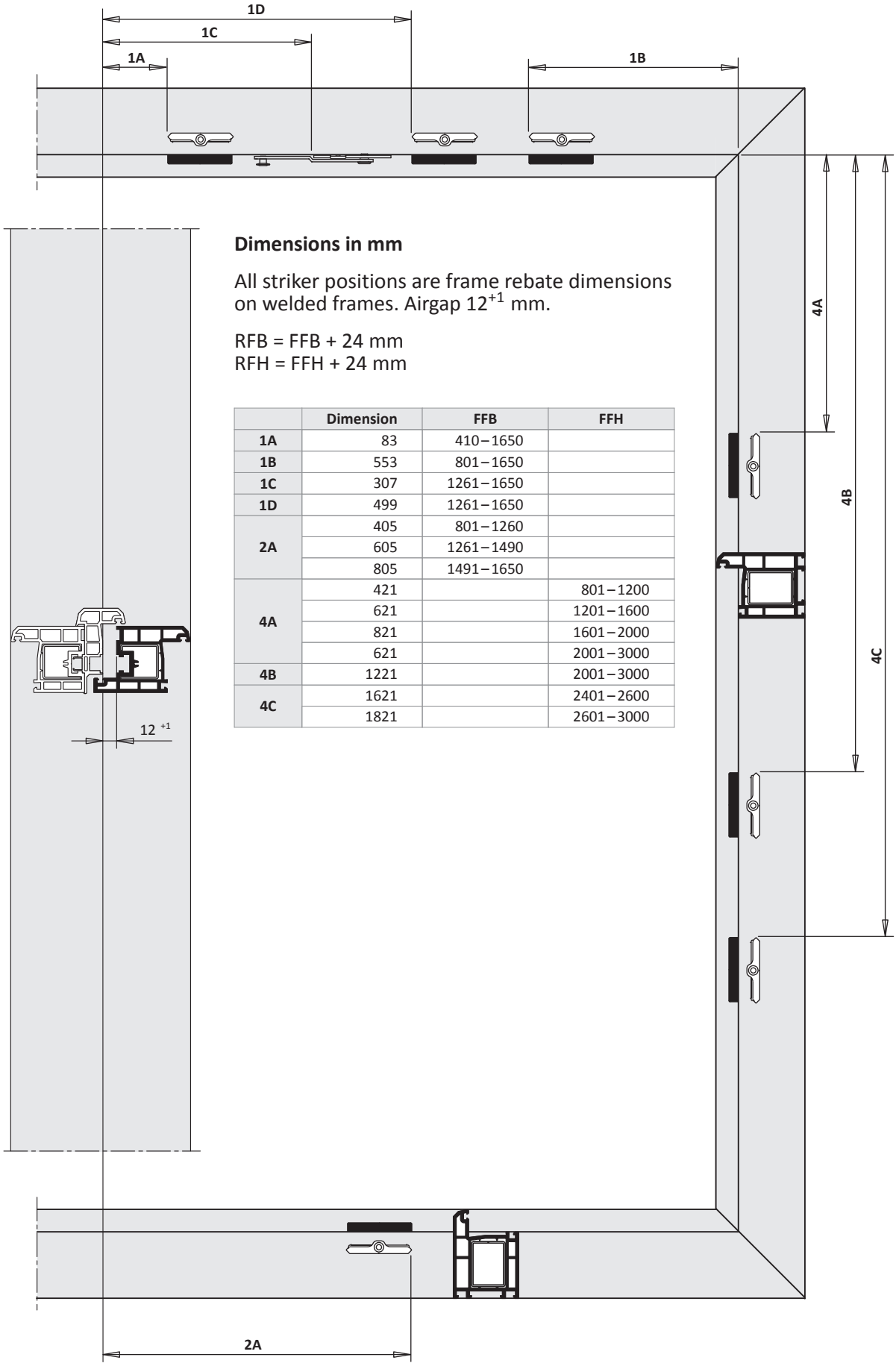


Dimensions in mm

All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	71	410 – 1650	
1B	409	801 – 1260	
	609	1261 – 1490	
	809	1491 – 1650	
2A	6,5	410 – 1650	
2B	393	801 – 1260	
	593	1261 – 1490	
	793	1491 – 1650	



Dimensions in mm

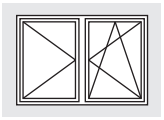
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	410–1650	
1B	553	801–1650	
1C	307	1261–1650	
1D	499	1261–1650	
2A	405	801–1260	
	605	1261–1490	
	805	1491–1650	
4A	421		801–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4B	1221		2001–3000
4C	1621		2401–2600
	1821		2601–3000

FAVORIT

Installation instructions



without security

2-sash square tilt-turn/turn shoot bolt

PVC

without security

centre handle pos. (variable)

Hinge side Si-line

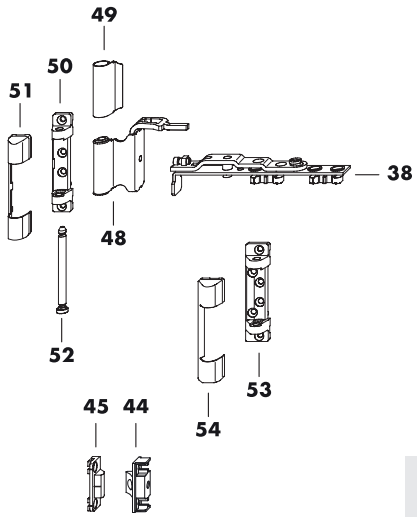
surface TS

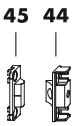
backset 15 mm

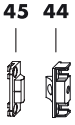
Hardware set configuration	
General	vertical tilt point
Stay side	one-piece stay
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose bottom hinge pin

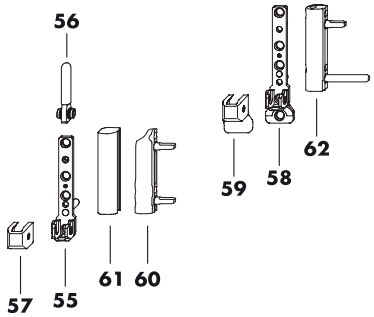
hardware layout slave sash

2-sash square tilt-turn/turn shoot bolt
PVC GM Hinge side Si-line







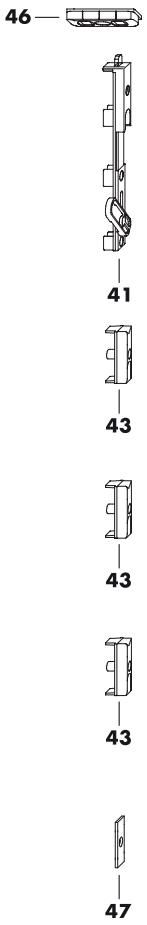


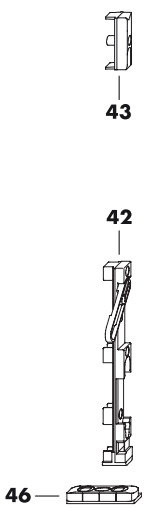
Size range

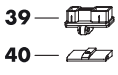
		Window/door
FFB	(mm)	230-800
FFH	(mm)	431-3000
sash weight	(kg)	100/130

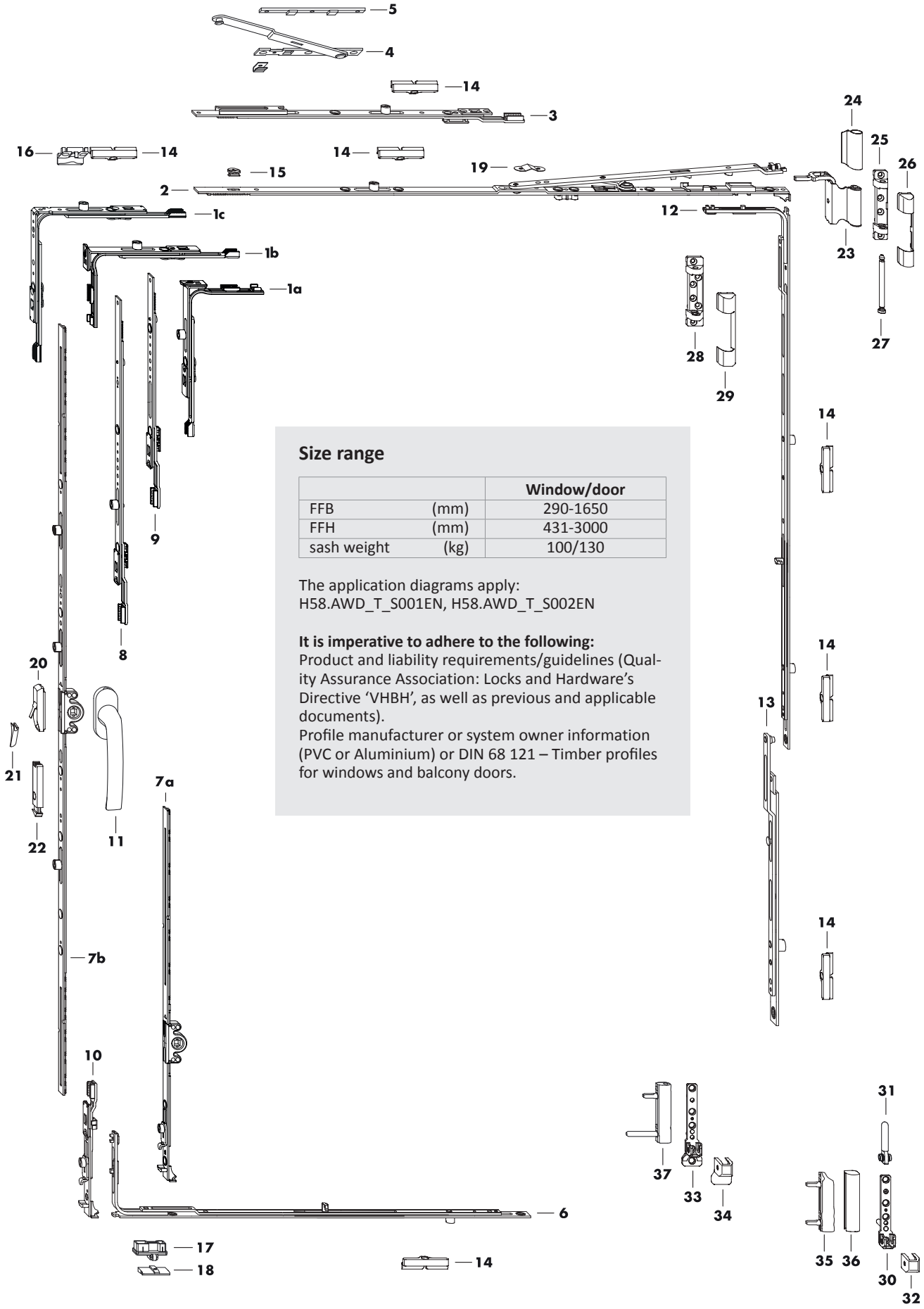
The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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.









Size range

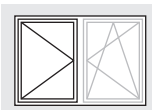
		Window/door
FFB	(mm)	290-1650
FFH	(mm)	431-3000
sash weight	(kg)	100/130

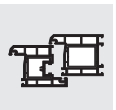
The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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.

List of fittings slave sash

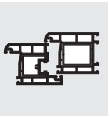
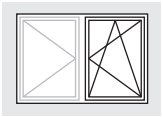
2-sash square tilt-turn/turn shoot bolt
PVC GM Hinge side Si-line





Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.
						In the main sash	46
38	stay 7 DF	707340	1	230 – 800			
39	sash lift .. A2000	TFFH0010- ...	1	230 – 800			
40	run-up FH/TiP	Ref. PDB, TRAL	1	230 – 800			
41	shoot bolt VSO A2000	701195	1		431 – 3000		1
42	shoot bolt VSU A2000	701126	1		431 – 3000		1
43	striker plate 56 A2000	TRSB0030- ...	1		801 – 1200	400 – 600	
	striker plate 56 A2000	TRSB0030- ...			1201 – 1600	600 – 800	
	striker plate 56 A2000	TRSB0030- ...			1601 – 2000	800 – 1000	
	striker plate 56 A2000	TRSB0030- ...	3		2001 – 2400	1000 – 1200	
	striker plate 56 A2000	TRSB0030- ...			2401 – 2600	1200	
	striker plate 56 A2000	TRSB0030- ...	4		2601 – 3000	1200	
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	striker V	Ref. PDB, FRZV01					
on request							
47	stop 2,2mm	710937	1		1801 – 3000		

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
48	stay hinge	Ref. PDB, FBWB			1	1
49	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
50	top hinge	Ref. PDB, FBSL01			1	
51	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
52	top hinge pin diam.6	FBSB0010-1 ...			1	1
53	top hinge S	Ref. PDB, FBSL02				1
54	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
55	bottom hinge	Ref. PDB, FBEL01			1	
56	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
57	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
58	bottom hinge S	Ref. PDB, FBEL02				1
59	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
60	corner hinge PVC	Ref. PDB, TBEB61			1	
61	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
62	corner hinge PVC130kg	Ref. PDB, TBEB63				1

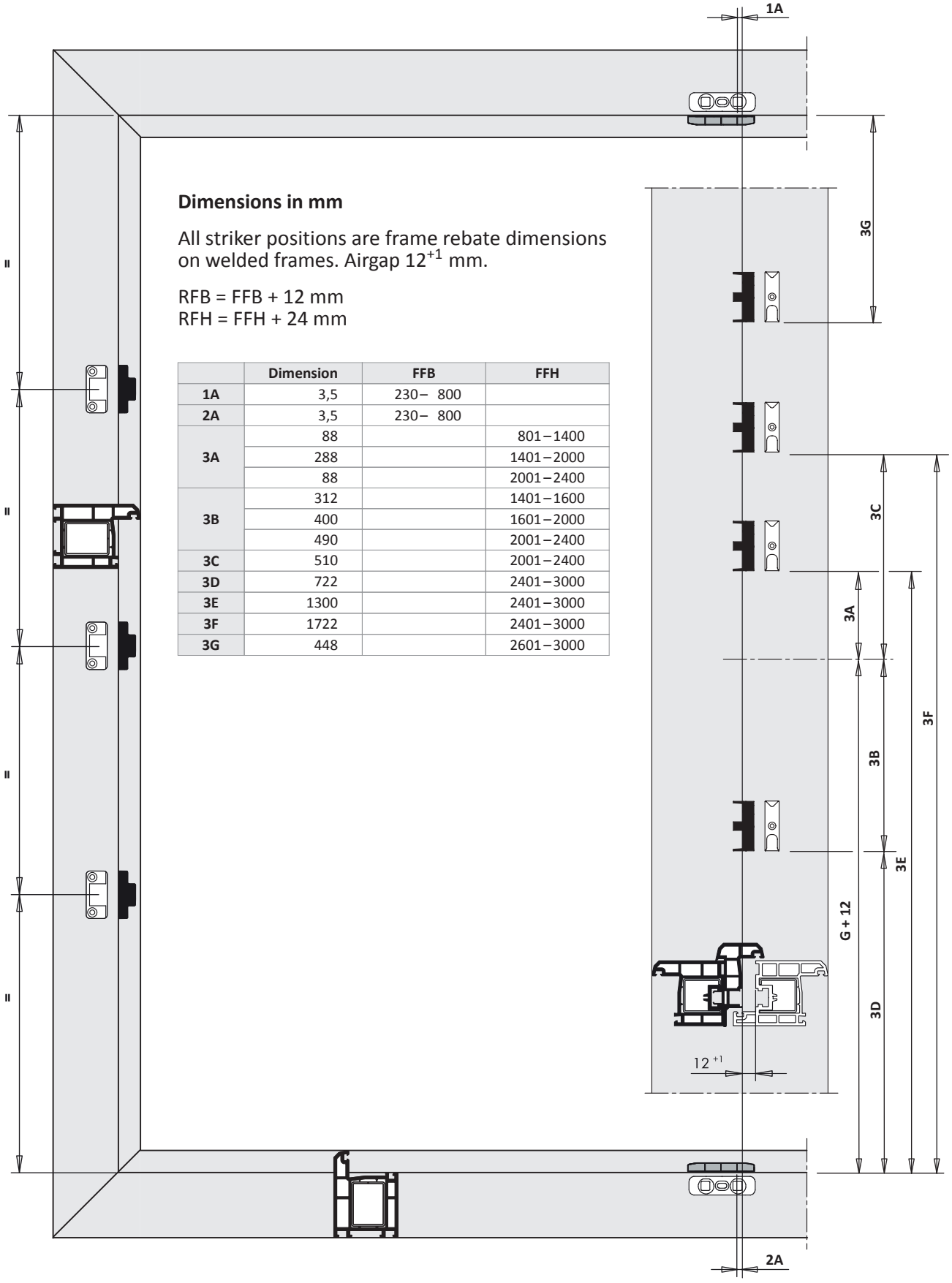



Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.
							14
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	290 – 410			
1b	corn.drive VSO ..	FEUL0230- ...	1	411 – 1650			1
2	stay 7 sz 30	707302	1	290 – 620			
	stay 7 sz 35 MV	707319		621 – 800			
	stay 7 sz 50 MV	707326		801 – 1030			1
	stay 7 sz 55 MV	707333		1031 – 1260			1
	stay 7 sz 50 MV	707326		1261 – 1490			1
	stay 7 sz 55 MV	707333		1491 – 1650			1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261 – 1650			1
4	additional stay	Ref. PDB, TSZS	1	1261 – 1650			
5	packer Z	Ref. PDB, FRUP01	1	1261 – 1650			
6	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1	801 – 1260			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...		1261 – 1490			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...		1491 – 1650			1
7a	gear 15 FAV sz 30/G180	FGKK4010- ...	1		431 – 600	180	
7b	gear 15 FAV sz 60	FGMK4020- ...	1		601 – 800	300 – 400	
	gear 15 FAV sz 80 1V	FGMK4040- ...			801 – 1200	400 – 600	
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201 – 1400	600 – 700	
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401 – 1600	700 – 800	
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601 – 2000	800 – 1000	
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001 – 2400	1000 – 1200	
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401 – 3000	1200	
8	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401 – 2600		
	linkage FAV sz 400 1V	FZSZ0110- ...			2601 – 3000		
9	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801 – 3000		
10	tilt lock element FAV/FH	FEKB1010- ...	1		601 – 3000		
11	handle Globe	Ref.access. ZHGS	1		431 – 3000		
12	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		801 – 1200		1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201 – 1600		1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601 – 2000		1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001 – 3000		2
13	MV extension sz 40	700945	1		2401 – 2600		1
	MV extension sz 60	700952			2601 – 3000		1
14	striker plate S 56	Ref. PDB, TRSM					
	on request						
15	location piece ..	702543	1				
16	frame part SP-S	Ref. PDB, FRZL01	1				
17	sash lift .. A2000	TFFH0010- ...	1		431 – 600		
18	run-up FH/TiP	Ref. PDB, TRAL	1		431 – 600		
19	tilt restrictor ..	805701	1		431 – 800		
20	mishandling device FAV.	FFBS0110- ...	1				
21	pressure piece	Ref. PDB, TFFD	1				
22	snapper rh.	TFST0021- ...	1		1601 – 3000		
	snapper lh.	TFST0022- ...			1601 – 3000		

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
23	stay hinge	Ref. PDB, FBWB			1	1
24	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
25	top hinge	Ref. PDB, FBSL01			1	
26	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
27	top hinge pin diam.6	FBSB0010-1 ...			1	1
28	top hinge S	Ref. PDB, FBSL02				1
29	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
30	bottom hinge	Ref. PDB, FBEL01			1	
31	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
32	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
33	bottom hinge S	Ref. PDB, FBEL02				1
34	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
35	corner hinge PVC	Ref. PDB, TBEB61			1	
36	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
37	corner hinge PVC130kg	Ref. PDB, TBEB63				1

Frame dimensions slave sash

2-sash square tilt-turn/turn shoot bolt
PVC GM Hinge side Si-line

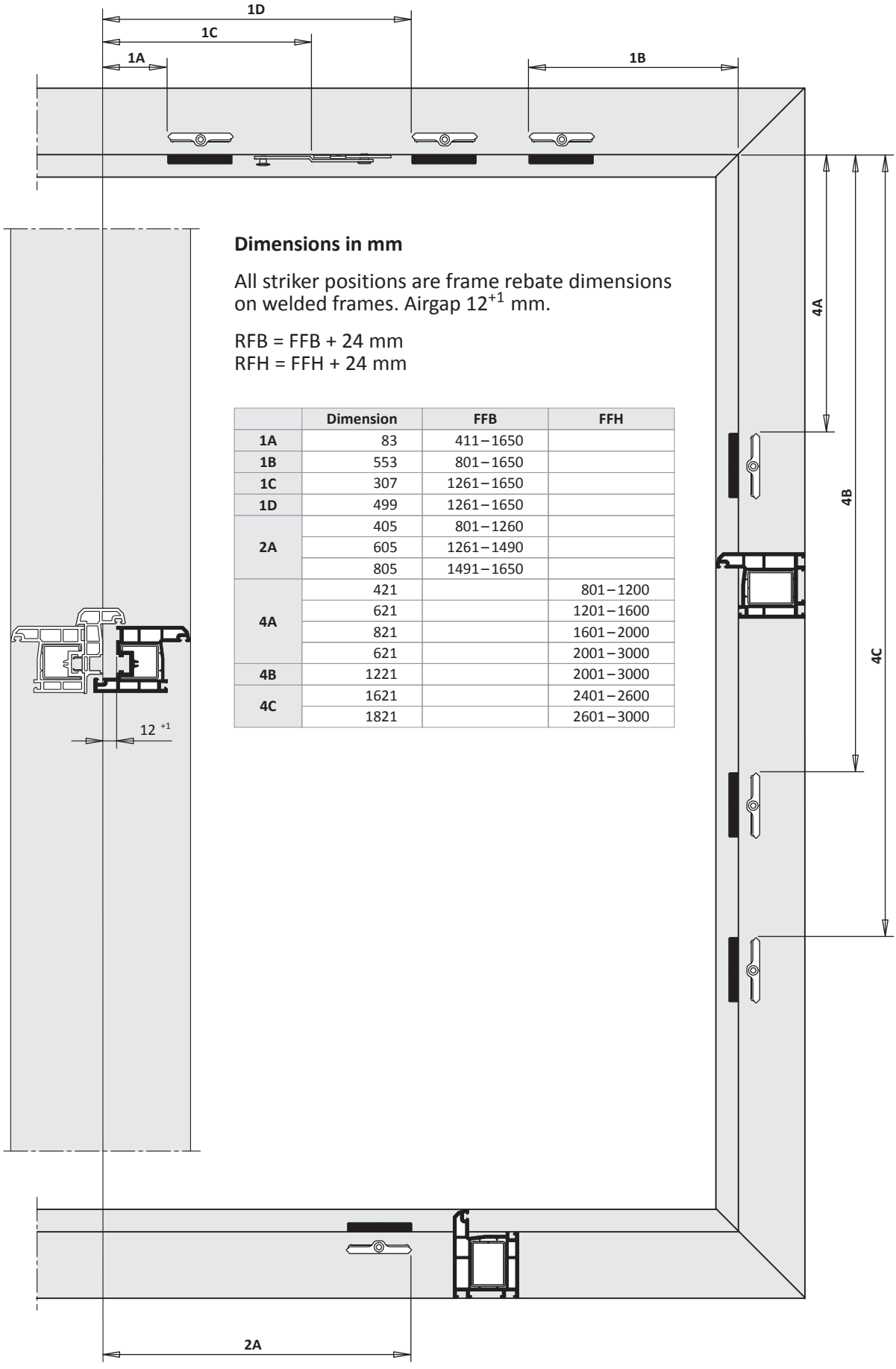


Dimensions in mm

All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	3,5	230 – 800	
2A	3,5	230 – 800	
3A	88		801 – 1400
	288		1401 – 2000
	88		2001 – 2400
3B	312		1401 – 1600
	400		1601 – 2000
	490		2001 – 2400
3C	510		2001 – 2400
3D	722		2401 – 3000
3E	1300		2401 – 3000
3F	1722		2401 – 3000
3G	448		2601 – 3000



Dimensions in mm

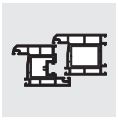
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411 – 1650	
1B	553	801 – 1650	
1C	307	1261 – 1650	
1D	499	1261 – 1650	
2A	405	801 – 1260	
	605	1261 – 1490	
	805	1491 – 1650	
4A	421		801 – 1200
	621		1201 – 1600
	821		1601 – 2000
	621		2001 – 3000
4B	1221		2001 – 3000
4C	1621		2401 – 2600
	1821		2601 – 3000

FAVORIT

Installation instructions

GS

1-sash square tilt-turn

PVC

basic security

centre handle pos. (variable)

Hinge side Si-line

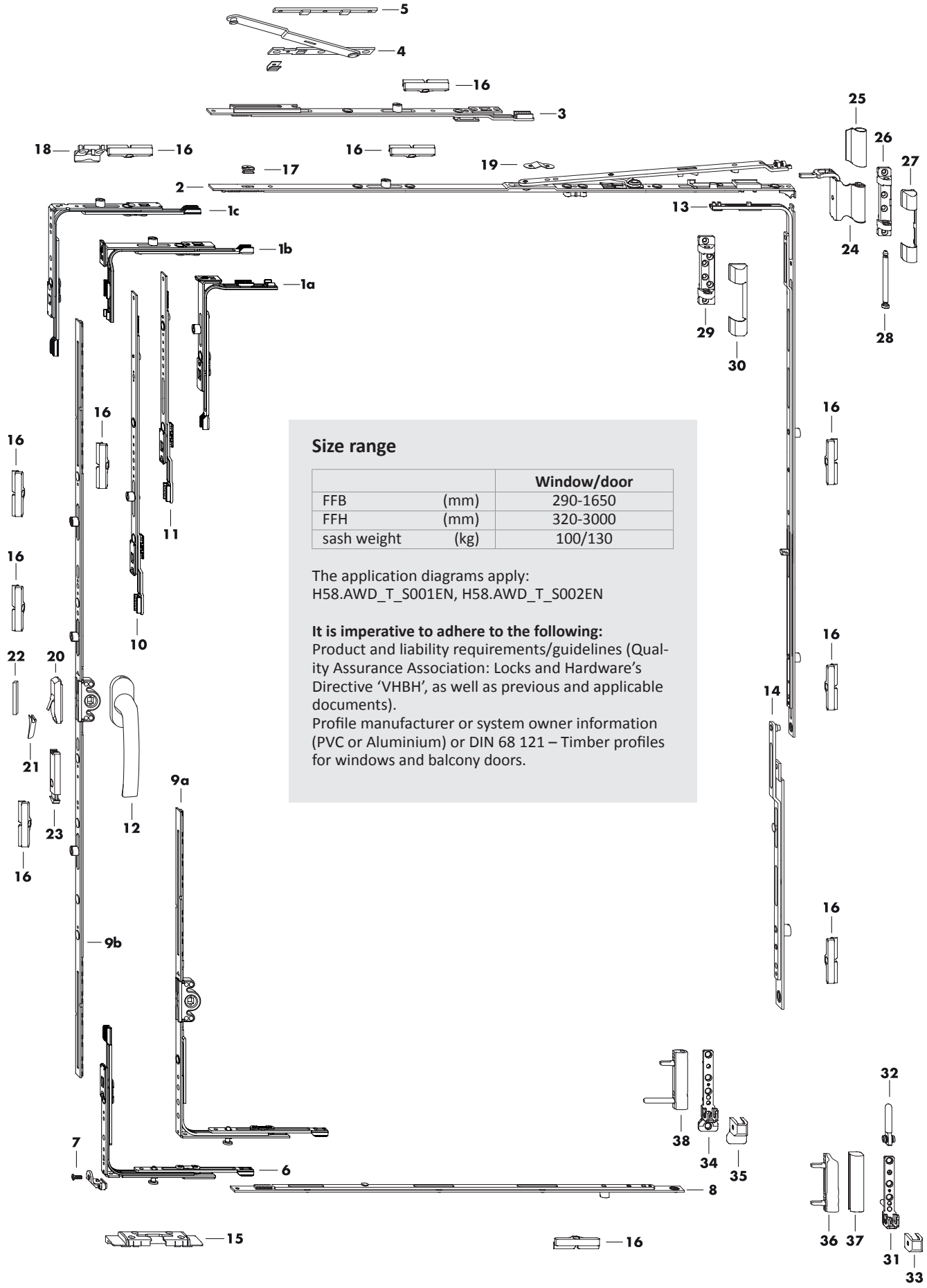
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 800
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose bottom hinge pin

hardware layout

1-sash square tilt-turn
PVC GM Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

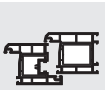
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Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							15	16
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	290– 410	431–3000			1
1b	corn.drive narrow VSO ..	FEUL0520- ...	1	411– 800	320– 430			1
1c	corn.drive VSO ..	FEUL0230- ...	1	411–1650	431–3000			1
2	stay 7 sz 30	707302	1	290– 620				
	stay 7 sz 35 MV	707319		621– 800				
	stay 7 sz 50 MV	707326		801–1030				1
	stay 7 sz 55 MV	707333		1031–1260				1
	stay 7 sz 50 MV	707326		1261–1490				1
	stay 7 sz 55 MV	707333		1491–1650				1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650				1
4	additional stay	Ref. PDB, TSZS	1	1261–1650				
5	packer Z	Ref. PDB, FRUP01	1	1261–1650				
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1	
7	sash lift S-ES	Ref. PDB, FMFH	1	290–1650				
8	centre lock sz 50	700969	1	801–1260				1
	centre lock sz 70	700976		1261–1490				1
	centre lock sz 90	700983		1491–1650				1
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1	
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...			431– 600	180	1	
9b	gear 15 FAV sz 60	FGMK4020- ...	1		601– 800	300– 400		
	gear 15 FAV sz 80 1V	FGMK4040- ...			801–1200	400– 600		1
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201–1400	600– 700		1
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401–1600	700– 800		2
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601–2000	800–1000		2
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001–2400	1000–1200		3
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401–3000	1200		3
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401–2600			
	linkage FAV sz 400 1V	FZSZ0110- ...			2601–3000			1
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801–3000			
12	handle Globe	Ref.access. ZHGS	1		320–3000			
13	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		801–1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1600			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601–2000			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001–3000			2
14	MV extension sz 40	700945	1		2401–2600			1
	MV extension sz 60	700952			2601–3000			1
15	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
16	striker plate S 56	Ref. PDB, TRSM						
on request								
17	location piece ..	702543	1					
18	frame part SP-S	Ref. PDB, FRZL01	1					
19	tilt restrictor ..	805701	1		320– 800			
20	mishandling device FAV.	FFBS0110- ...	1					
21	pressure piece	Ref. PDB, TFFD	1					
22	stop	Ref. PDB, FRZF01	1					
23	snapper rh.	TFST0021- ...	1		1601–3000			
	snapper lh.	TFST0022- ...			1601–3000			

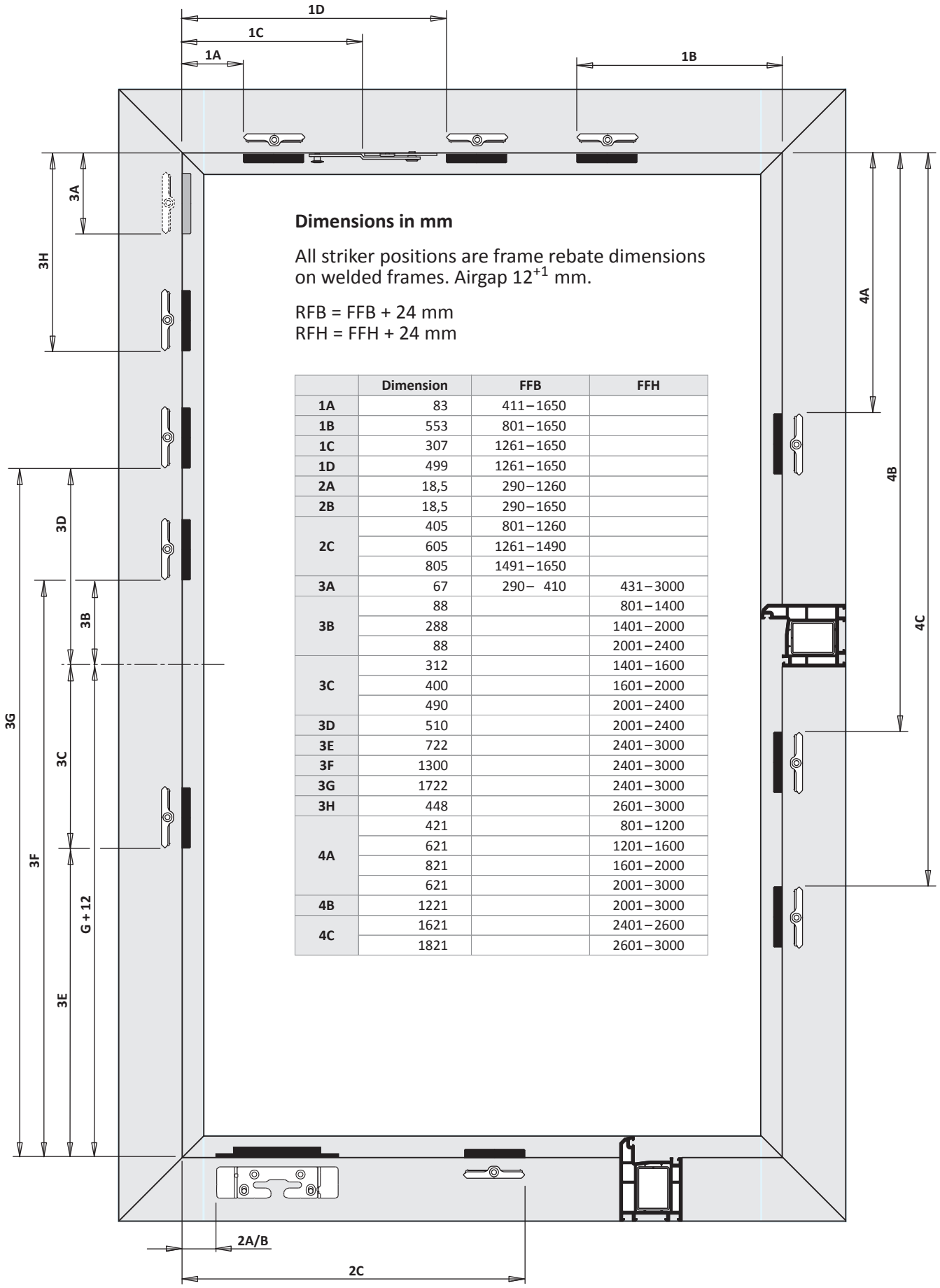
List of fittings

1-sash square tilt-turn
PVC GM Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
24	stay hinge	Ref. PDB, FBWB			1	1
25	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
26	top hinge	Ref. PDB, FBSL01			1	
27	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
28	top hinge pin diam.6	FBSB0010-1 ...			1	1
29	top hinge S	Ref. PDB, FBSL02				1
30	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
31	bottom hinge	Ref. PDB, FBEL01			1	
32	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
33	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
34	bottom hinge S	Ref. PDB, FBEL02				1
35	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
36	corner hinge PVC	Ref. PDB, TBEB61			1	
37	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
38	corner hinge PVC130kg	Ref. PDB, TBEB63				1



Dimensions in mm

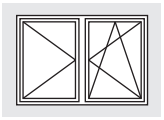
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1650	
1B	553	801–1650	
1C	307	1261–1650	
1D	499	1261–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	801–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
3B	88		801–1400
	288		1401–2000
	88		2001–2400
3C	312		1401–1600
	400		1601–2000
	490		2001–2400
3D	510		2001–2400
3E	722		2401–3000
3F	1300		2401–3000
3G	1722		2401–3000
3H	448		2601–3000
4A	421		801–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4B	1221		2001–3000
4C	1621		2401–2600
	1821		2601–3000

FAVORIT

Installation instructions



GS

2-sash square tilt-turn/turn DSG gear

PVC

basic security

centre handle pos. (variable)

Hinge side Si-line

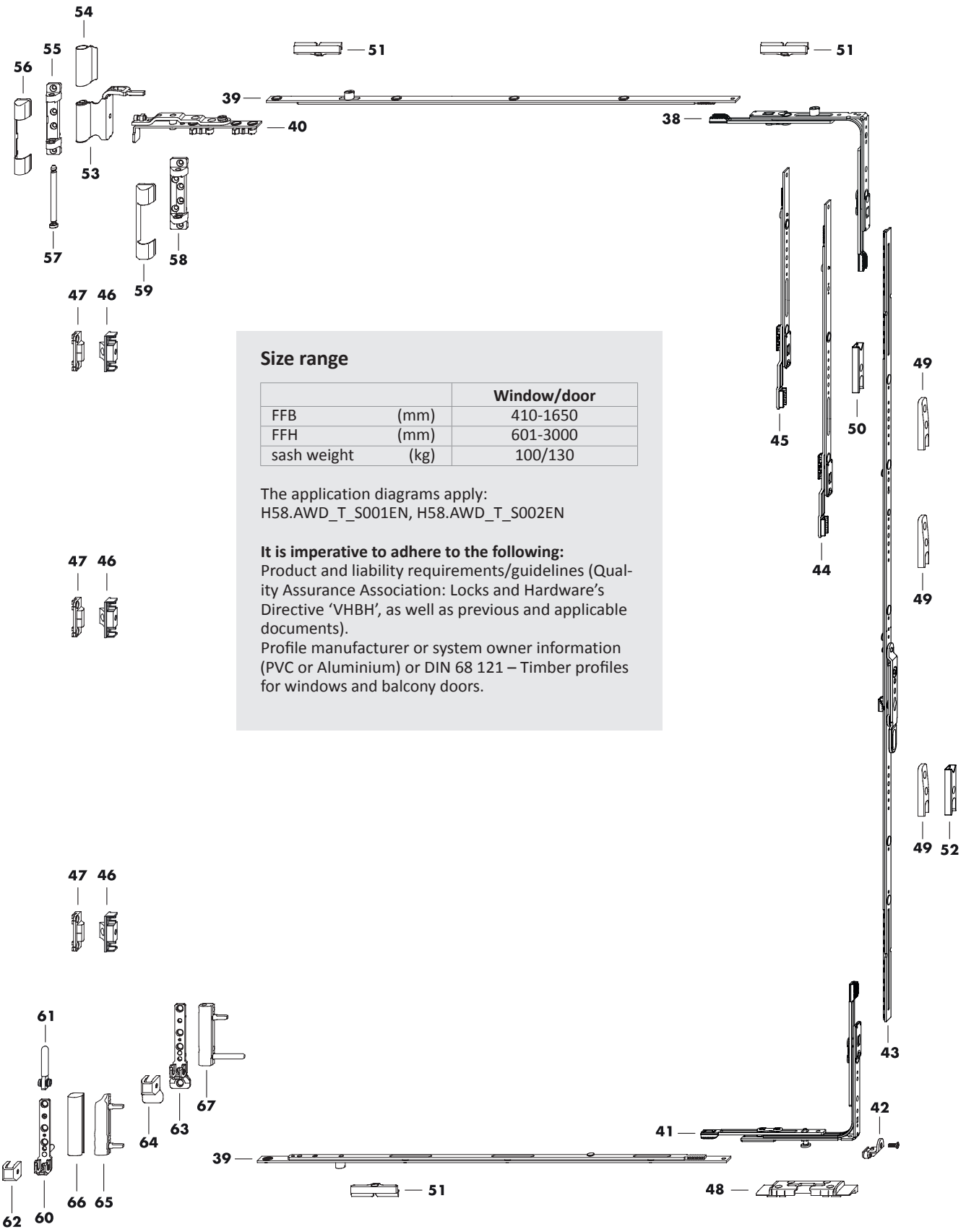
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 800
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose bottom hinge pin

hardware layout slave sash

2-sash square tilt-turn/turn DSG gear
PVC GM Hinge side Si-line

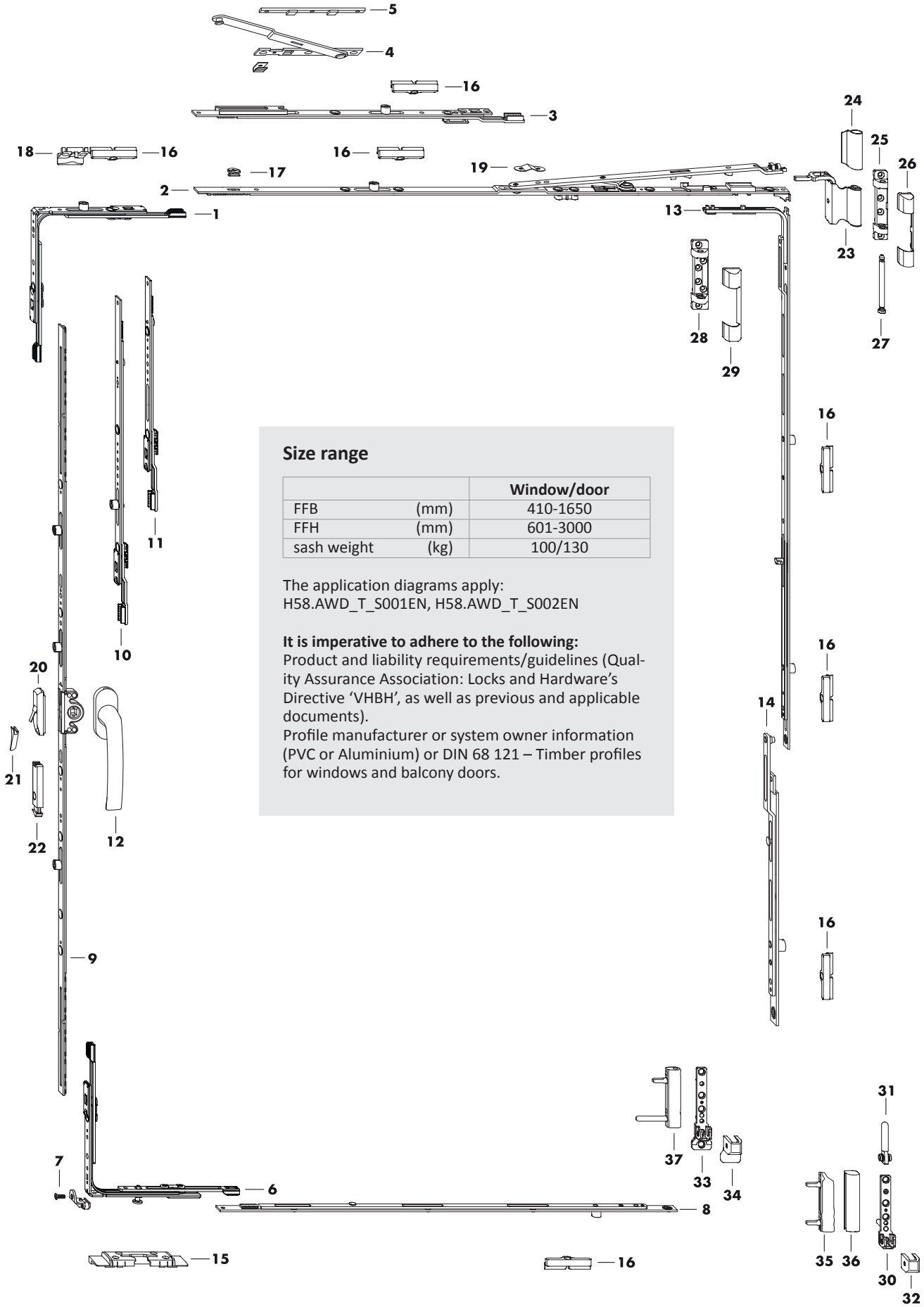


Size range

		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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Size range

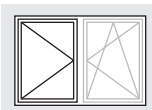
		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

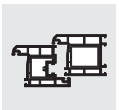
The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

It is imperative to adhere to the following:
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List of fittings slave sash

2-sash square tilt-turn/turn DSG gear
PVC GM Hinge side Si-line





Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.			
						In the main sash	48	49	50	51
38	corn.drive VSO ..	FEUL0230- ...	1	410 – 1650						1
39	centre lock sz 50	700969	2	801 – 1260						2
	centre lock sz 70	700976		1261 – 1490						2
	centre lock sz 90	700983		1491 – 1650						2
40	stay 7 DF	707340	1	410 – 1650						
41	corn.drive FAV VS 1S ..	FEUL0510- ...	1	410 – 1650			1			
42	sash lift S-ES	Ref. PDB, FMFH	1	410 – 1650						
43	s.sash gear16 FAV 60/300	FGKS4030- ...	1		601 – 800	300 – 400				
	sec.sash gear16 FAV sz .80 1SB	FGMS4040- ...			801 – 1200	400 – 600		1		
	sec.sash gear16 FAV sz 120 1SB	FGMS4050- ...			1201 – 1600	600 – 800		1		
	sec.sash gear16 FAV sz 120 2SB	FGMS4120- ...			1201 – 1600	600 – 800		1		
	sec.sash gear16 FAV sz 160 2SB	FGMS4130- ...			1601 – 2000	800 – 1000		1		
	sec.sash gear16 FAV sz 200 3SB	FGMS4100- ...			2001 – 2400	1000 – 1200		1		
	sec.sash gear16 FAV sz 200 3SB	FGMS4100- ...			2401 – 3000	1200		1		
44	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401 – 2600				1	
	linkage FAV sz 400 A0767	FZSZ0130- ...			2601 – 3000				1	
45	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801 – 3000					
46	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					
47	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					
48	tilt lock bear. S-ES FH	Ref. PDB, FRKA								
49	striker plate f. gear MV	Ref. PDB, FRSA02								
50	striker plate 56 A0767	TRSB0020- ...								
51	striker plate S 56	Ref. PDB, TRSM								
on request										
52	striker plate 56 A0767	TRSB0020- ...	1		1601 – 3000					

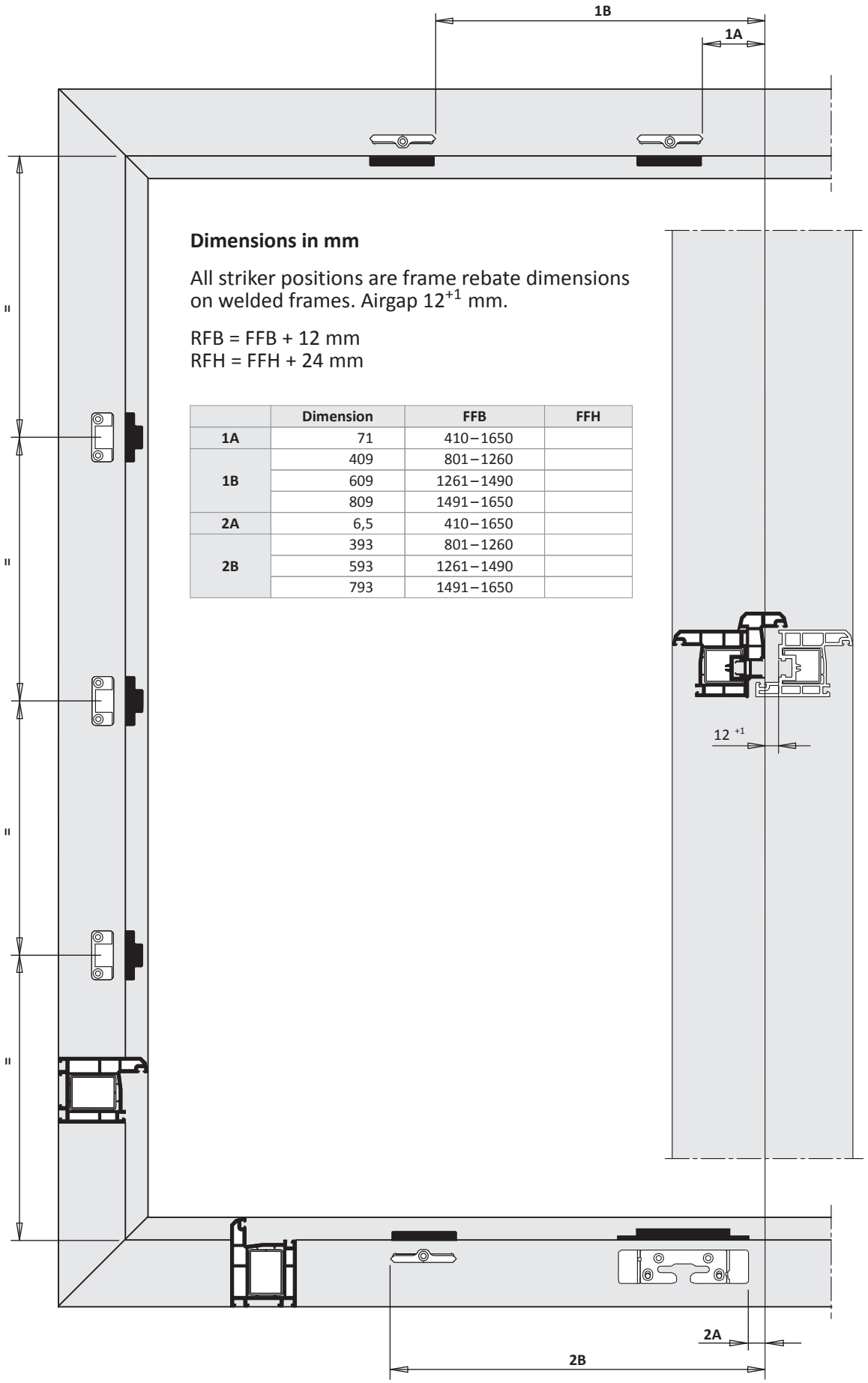
Hinge side turning points						
Pos.	**Description**	**Part number**			**required as per sash weight**	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
53	stay hinge	Ref. PDB, FBWB			1	1
54	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
55	top hinge	Ref. PDB, FBSL01			1	
56	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
57	top hinge pin diam.6	FBSB0010-1 ...			1	1
58	top hinge S	Ref. PDB, FBSL02				1
59	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
60	bottom hinge	Ref. PDB, FBEL01			1	
61	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
62	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
63	bottom hinge S	Ref. PDB, FBEL02				1
64	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
65	corner hinge PVC	Ref. PDB, TBEB61			1	
66	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
67	corner hinge PVC130kg	Ref. PDB, TBEB63				1

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							15	16
1	corn.drive VSO ..	FEUL0230- ...	1	410 – 1650				1
2	stay 7 sz 30	707302	1	410 – 620				
	stay 7 sz 35 MV	707319		621 – 800				
	stay 7 sz 50 MV	707326		801 – 1030				1
	stay 7 sz 55 MV	707333		1031 – 1260				1
	stay 7 sz 50 MV	707326		1261 – 1490				1
	stay 7 sz 55 MV	707333		1491 – 1650				1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261 – 1650				1
4	additional stay	Ref. PDB, TSZS	1	1261 – 1650				
5	packer Z	Ref. PDB, FRUP01	1	1261 – 1650				
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	410 – 1650			1	
7	sash lift S-ES	Ref. PDB, FMFH	1	410 – 1650				
8	centre lock sz 50	700969	1	801 – 1260				1
	centre lock sz 70	700976		1261 – 1490				1
	centre lock sz 90	700983		1491 – 1650				1
9	gear 15 FAV sz 60	FGMK4020- ...	1		601 – 800	300 – 400		
	gear 15 FAV sz 80 1V	FGMK4040- ...			801 – 1200	400 – 600		
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201 – 1400	600 – 700		
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401 – 1600	700 – 800		
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601 – 2000	800 – 1000		
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001 – 2400	1000 – 1200		
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401 – 3000	1200		
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401 – 2600			
	linkage FAV sz 400 1V	FZSZ0110- ...			2601 – 3000			
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801 – 3000			
12	handle Globe	Ref.access. ZHGS	1		601 – 3000			
13	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		801 – 1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201 – 1600			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601 – 2000			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001 – 3000			2
14	MV extension sz 40	700945	1		2401 – 2600			1
	MV extension sz 60	700952			2601 – 3000			1
15	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
16	striker plate S 56	Ref. PDB, TRSM						
on request								
17	location piece ..	702543	1					
18	frame part SP-S	Ref. PDB, FRZL01	1					
19	tilt restrictor ..	805701	1		601 – 800			
20	mishandling device FAV.	FFBS0110- ...	1		801 – 3000			
21	pressure piece	Ref. PDB, TFFD	1		801 – 3000			
22	snapper rh.	TFST0021- ...	1		1601 – 3000			
	snapper lh.	TFST0022- ...			1601 – 3000			

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
23	stay hinge	Ref. PDB, FBWB			1	1
24	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
25	top hinge	Ref. PDB, FBSL01			1	
26	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
27	top hinge pin diam.6	FBSB0010-1 ...			1	1
28	top hinge S	Ref. PDB, FBSL02				1
29	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
30	bottom hinge	Ref. PDB, FBEL01			1	
31	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
32	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
33	bottom hinge S	Ref. PDB, FBEL02				1
34	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
35	corner hinge PVC	Ref. PDB, TBEB61			1	
36	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
37	corner hinge PVC130kg	Ref. PDB, TBEB63				1

Frame dimensions slave sash

2-sash square tilt-turn/turn DSG gear
PVC GM Hinge side Si-line

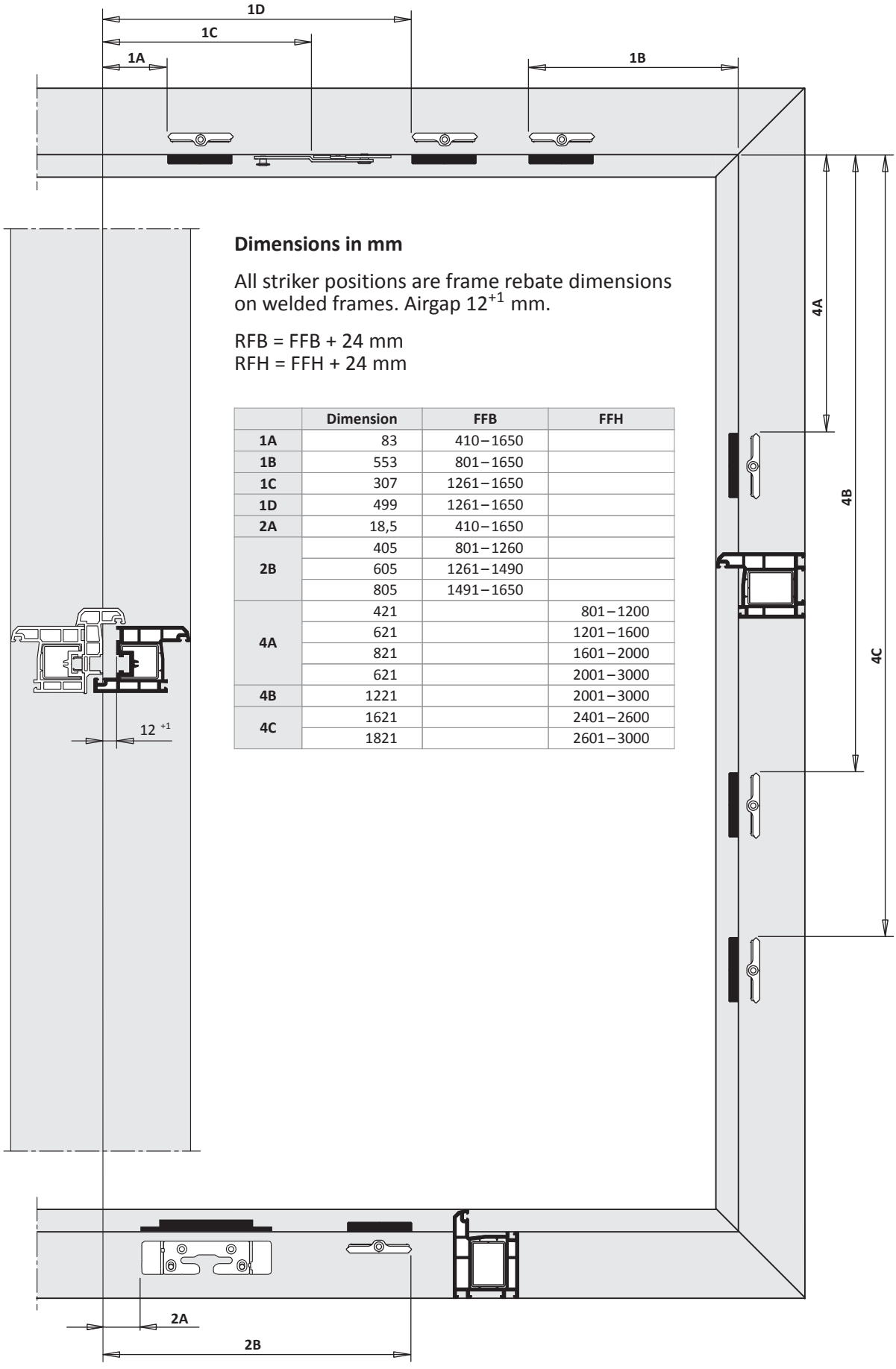


Dimensions in mm

All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	71	410 – 1650	
1B	409	801 – 1260	
	609	1261 – 1490	
	809	1491 – 1650	
2A	6,5	410 – 1650	
2B	393	801 – 1260	
	593	1261 – 1490	
	793	1491 – 1650	



Dimensions in mm

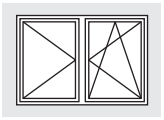
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	410–1650	
1B	553	801–1650	
1C	307	1261–1650	
1D	499	1261–1650	
2A	18,5	410–1650	
2B	405	801–1260	
	605	1261–1490	
	805	1491–1650	
4A	421		801–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4B	1221		2001–3000
4C	1621		2401–2600
	1821		2601–3000

FAVORIT

Installation instructions



GS

2-sash square tilt-turn/turn shoot bolt

PVC

basic security

centre handle pos. (variable)

Hinge side Si-line

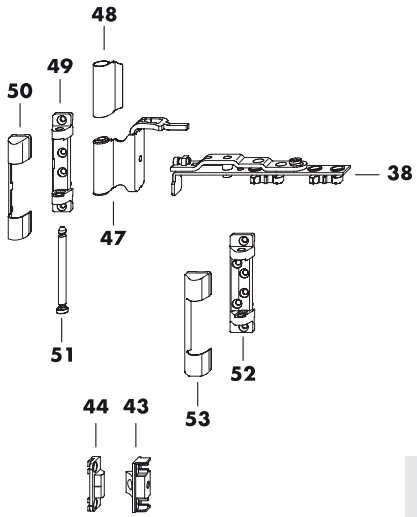
surface TS

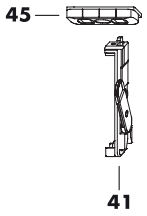
backset 15 mm

Hardware set configuration	
General	Locking-points distance 800
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose bottom hinge pin

hardware layout slave sash

2-sash square tilt-turn/turn shoot bolt
PVC GM Hinge side Si-line











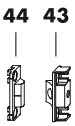


Size range

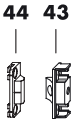
		Window/door
FFB	(mm)	230-800
FFH	(mm)	320-3000
sash weight	(kg)	100/130

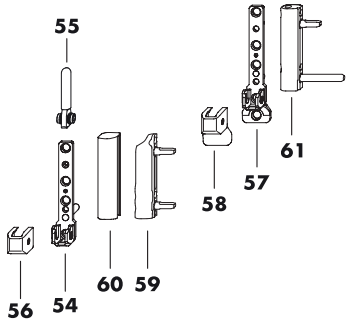
The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

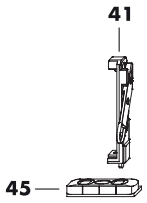
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Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.

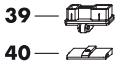


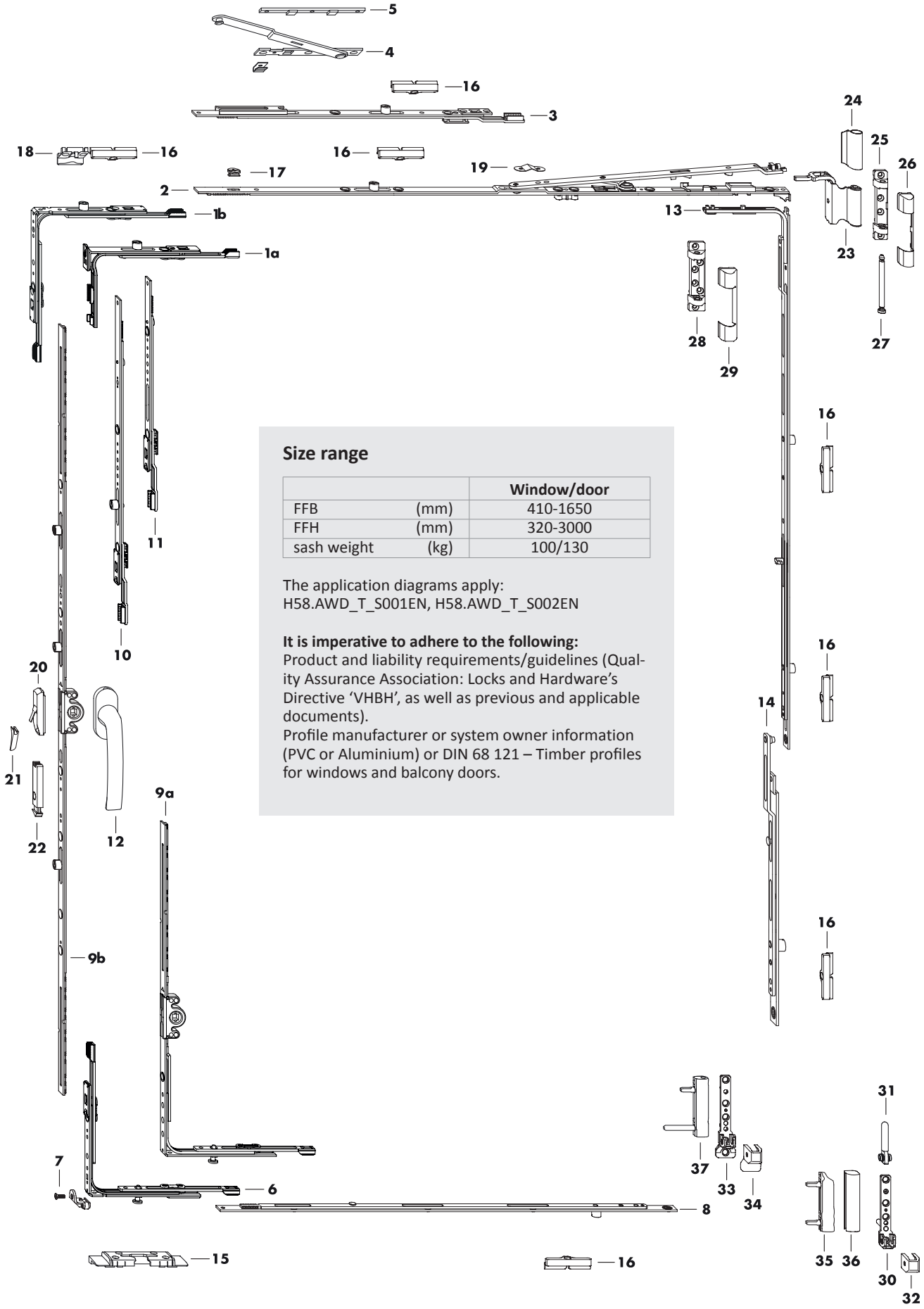












Size range

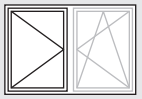
		Window/door
FFB	(mm)	410-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

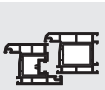
The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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.

List of fittings slave sash

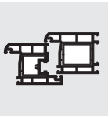
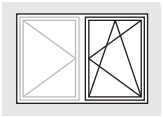
2-sash square tilt-turn/turn shoot bolt
PVC GM Hinge side Si-line





Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.
						In the main sash	45
38	stay 7 DF	707340	1	230 – 800			
39	sash lift .. A2000	TFFH0010- ...	1	230 – 800			
40	run-up FH/TiP	Ref. PDB, TRAL	1	230 – 800			
41	short shoot bolt A2000	716236	2		320 – 3000		2
42	striker plate 56 A2000	TRSB0030- ...	1		801 – 1200	400 – 600	
	striker plate 56 A2000	TRSB0030- ...			1201 – 1600	600 – 800	
	striker plate 56 A2000	TRSB0030- ...			1601 – 2000	800 – 1000	
	striker plate 56 A2000	TRSB0030- ...	3		2001 – 2400	1000 – 1200	
	striker plate 56 A2000	TRSB0030- ...			2401 – 2600	1200	
	striker plate 56 A2000	TRSB0030- ...	4		2601 – 3000	1200	
43	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		
44	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		
45	striker V	Ref. PDB, FRZV01					
on request							
46	stop 2,2mm	710937	1		1801 – 3000		

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
47	stay hinge	Ref. PDB, FBWB			1	1
48	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
49	top hinge	Ref. PDB, FBSL01			1	
50	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
51	top hinge pin diam.6	FBSB0010-1 ...			1	1
52	top hinge S	Ref. PDB, FBSL02				1
53	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
54	bottom hinge	Ref. PDB, FBEL01			1	
55	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
56	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
57	bottom hinge S	Ref. PDB, FBEL02				1
58	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
59	corner hinge PVC	Ref. PDB, TBEB61			1	
60	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
61	corner hinge PVC130kg	Ref. PDB, TBEB63				1

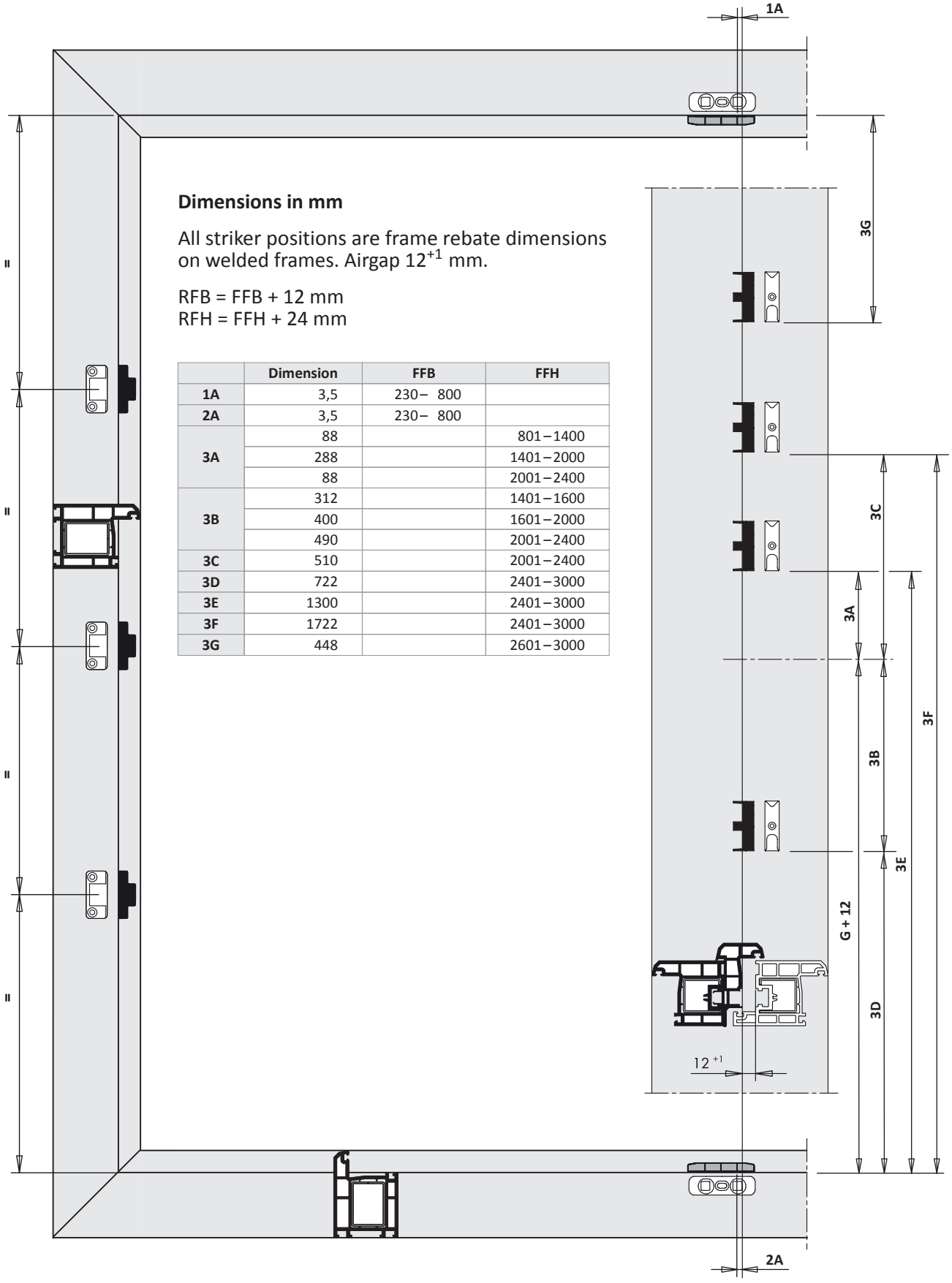



Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							15	16
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	410– 800	320– 430			1
1b	corn.drive VSO ..	FEUL0230- ...	1	410–1650	431–3000			1
2	stay 7 sz 30	707302	1	410– 620				
	stay 7 sz 35 MV	707319		621– 800				
	stay 7 sz 50 MV	707326		801–1030				1
	stay 7 sz 55 MV	707333		1031–1260				1
	stay 7 sz 50 MV	707326		1261–1490				1
	stay 7 sz 55 MV	707333		1491–1650				1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650				1
4	additional stay	Ref. PDB, TSZS	1	1261–1650				
5	packer Z	Ref. PDB, FRUP01	1	1261–1650				
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	410–1650	601–3000		1	
7	sash lift S-ES	Ref. PDB, FMFH	1	410–1650				
8	centre lock sz 50	700969	1	801–1260				1
	centre lock sz 70	700976		1261–1490				1
	centre lock sz 90	700983		1491–1650				1
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	410– 800	320– 430	180	1	
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...			431– 600	180	1	
9b	gear 15 FAV sz 60	FGMK4020- ...	1		601– 800	300– 400		
	gear 15 FAV sz 80 1V	FGMK4040- ...			801–1200	400– 600		
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201–1400	600– 700		
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401–1600	700– 800		
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601–2000	800–1000		
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001–2400	1000–1200		
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401–3000	1200		
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401–2600			
	linkage FAV sz 400 1V	FZSZ0110- ...			2601–3000			
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801–3000			
12	handle Globe	Ref.access. ZHGS	1		320–3000			
13	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		801–1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1600			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601–2000			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001–3000			2
14	MV extension sz 40	700945	1		2401–2600			1
	MV extension sz 60	700952			2601–3000			1
15	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
16	striker plate S 56	Ref. PDB, TRSM						
on request								
17	location piece ..	702543	1					
18	frame part SP-S	Ref. PDB, FRZL01	1					
19	tilt restrictor ..	805701	1		320– 800			
20	mishandling device FAV.	FFBS0110- ...	1		801–3000			
21	pressure piece	Ref. PDB, TFFD	1		801–3000			
22	snapper rh.	TFST0021- ...	1		1601–3000			
	snapper lh.	TFST0022- ...			1601–3000			

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
23	stay hinge	Ref. PDB, FBWB			1	1
24	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
25	top hinge	Ref. PDB, FBSL01			1	
26	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
27	top hinge pin diam.6	FBSB0010-1 ...			1	1
28	top hinge S	Ref. PDB, FBSL02				1
29	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
30	bottom hinge	Ref. PDB, FBEL01			1	
31	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
32	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
33	bottom hinge S	Ref. PDB, FBEL02				1
34	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
35	corner hinge PVC	Ref. PDB, TBEB61			1	
36	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
37	corner hinge PVC130kg	Ref. PDB, TBEB63				1

Frame dimensions slave sash

2-sash square tilt-turn/turn shoot bolt
PVC GM Hinge side Si-line

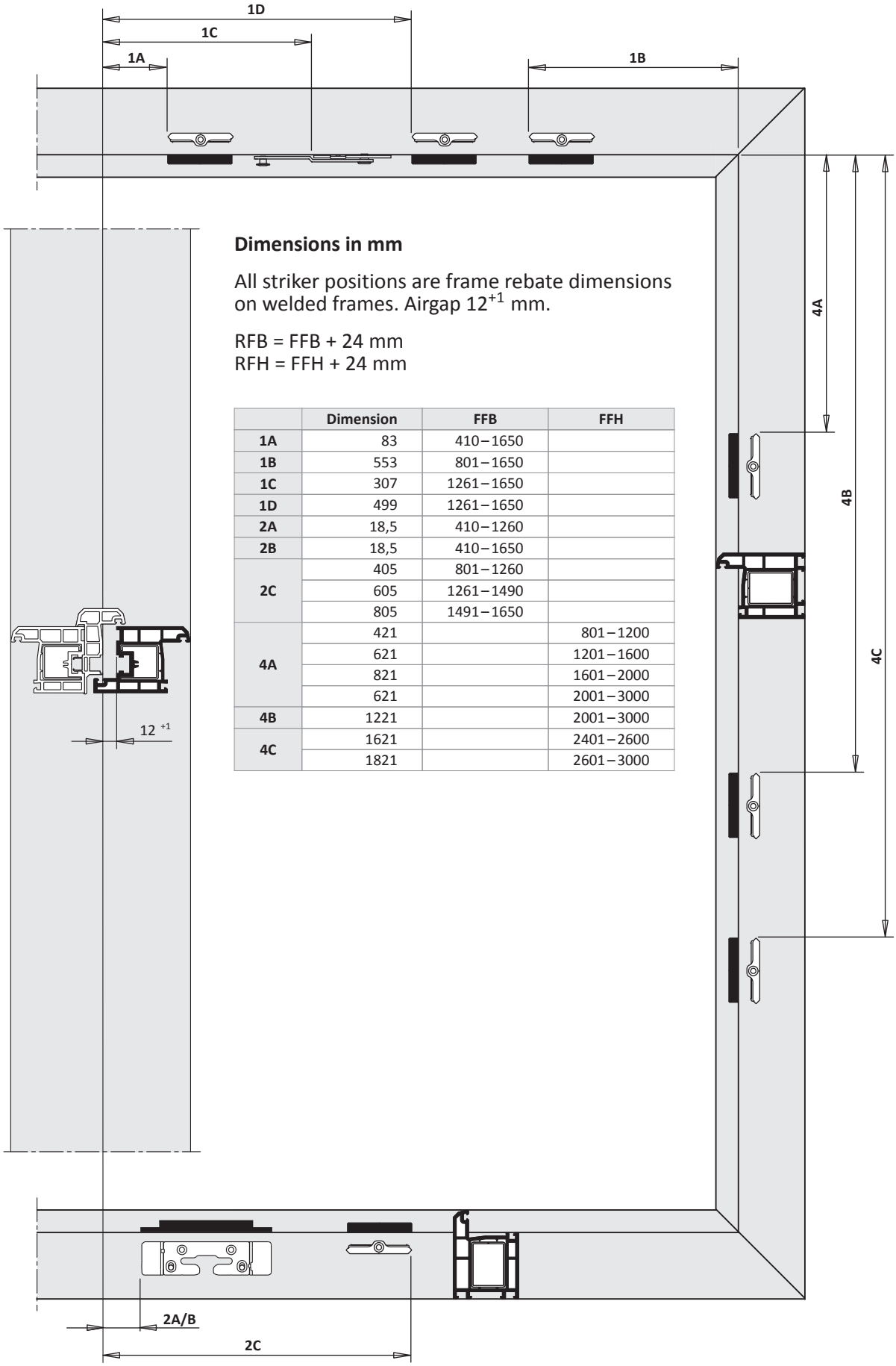


Dimensions in mm

All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	3,5	230 – 800	
2A	3,5	230 – 800	
3A	88		801 – 1400
	288		1401 – 2000
	88		2001 – 2400
3B	312		1401 – 1600
	400		1601 – 2000
	490		2001 – 2400
3C	510		2001 – 2400
3D	722		2401 – 3000
3E	1300		2401 – 3000
3F	1722		2401 – 3000
3G	448		2601 – 3000



Dimensions in mm

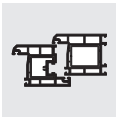
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	410–1650	
1B	553	801–1650	
1C	307	1261–1650	
1D	499	1261–1650	
2A	18,5	410–1260	
2B	18,5	410–1650	
2C	405	801–1260	
	605	1261–1490	
	805	1491–1650	
4A	421		801–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4B	1221		2001–3000
4C	1621		2401–2600
	1821		2601–3000

FAVORIT

Installation instructions

GS

1-sash square tilt before turn (TBT)

PVC

basic security

centre handle pos. (variable)

Hinge side Si-line

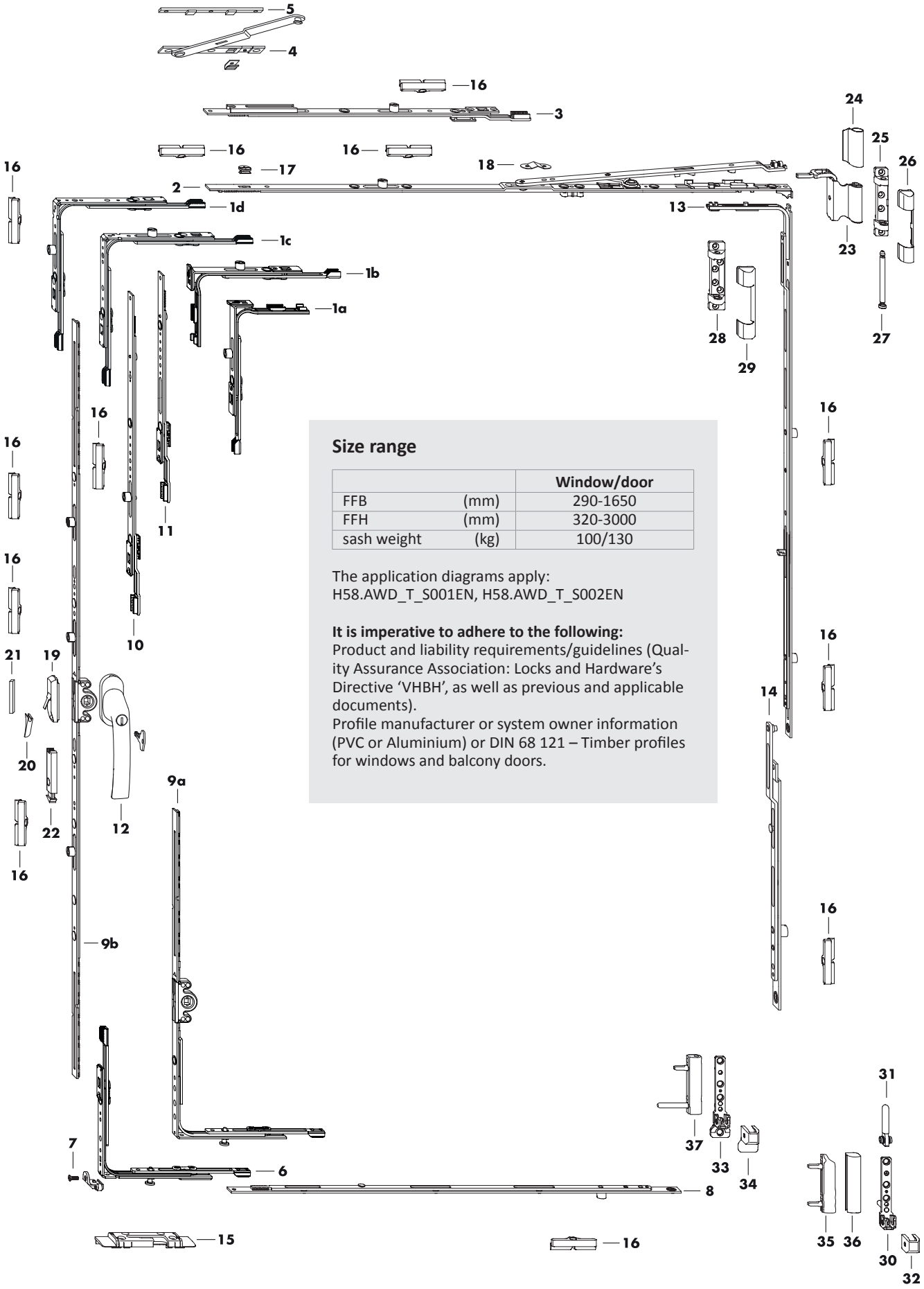
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 800
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose bottom hinge pin

hardware layout

1-sash square tilt before turn (TBT)
PVC GM Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

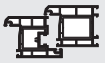
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Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							15	16
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	290– 410	431–3000			1
1b	corn.drive narrow VSO ..	FEUL0520- ...	1	411– 800	320– 430			1
1c	corn.drive VSO ..	FEUL0230- ...	1	411–1260	431–3000			1
1d	corn.drive VSO ..	FEUL0230- ...	1	1261–1650	431–3000			1
2	stay 7 TBT sz 30	707357	1	290– 620				
	stay 7 TBT sz 35 MV	707364		621– 800				
	stay 7 TBT sz 50 MV	707371		801–1030				1
	stay 7 TBT sz 55 MV	707388		1031–1260				1
	stay 7 TBT sz 50 MV	707371		1261–1490				1
	stay 7 TBT sz 55 MV	707388		1491–1650				1
3	linkage S/Z TBT FAV 1V	FZOT0100- ...	1	1261–1650				1
4	additional stay	Ref. PDB, TSZS	1	1261–1650				
5	packer Z	Ref. PDB, FRUP01	1	1261–1650				
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1	
7	sash lift S-ES	Ref. PDB, FMFH	1	290–1650				
8	centre lock sz 50	700969	1	801–1260				1
	centre lock sz 70	700976		1261–1490				1
	centre lock sz 90	700983		1491–1650				1
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1	
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...		290–1260	431– 600	180	1	
9b	gear 15 FAV sz 60	FGMK4020- ...	1		601– 800	300– 400		
	gear 15 FAV sz 80 1V	FGMK4040- ...			801–1200	400– 600		1
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201–1400	600– 700		1
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401–1600	700– 800		2
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601–2000	800–1000		2
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001–2400	1000–1200		3
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401–3000	1200		3
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401–2600			
	linkage FAV sz 400 1V	FZSZ0110- ...			2601–3000			1
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801–3000			
12	handle Globe TBT lockable	Ref.access. ZHGT	1		320–3000			
13	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		801–1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1600			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601–2000			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001–3000			2
14	MV extension sz 40	700945	1		2401–2600			1
	MV extension sz 60	700952			2601–3000			1
15	tilt lock bear. S-ES FH TBT	Ref. PDB, FRKB						
16	striker plate S 56	Ref. PDB, TRSM						
on request								
17	location piece ..	702543	1					
18	tilt restrictor ..	805701	1		320– 800			
19	mishandling device FAV.	FFBS0110- ...	1					
20	pressure piece	Ref. PDB, TFFD	1					
21	stop	Ref. PDB, FRZF01	1					
22	snapper rh.	TFST0021- ...	1		1601–3000			
	snapper lh.	TFST0022- ...			1601–3000			

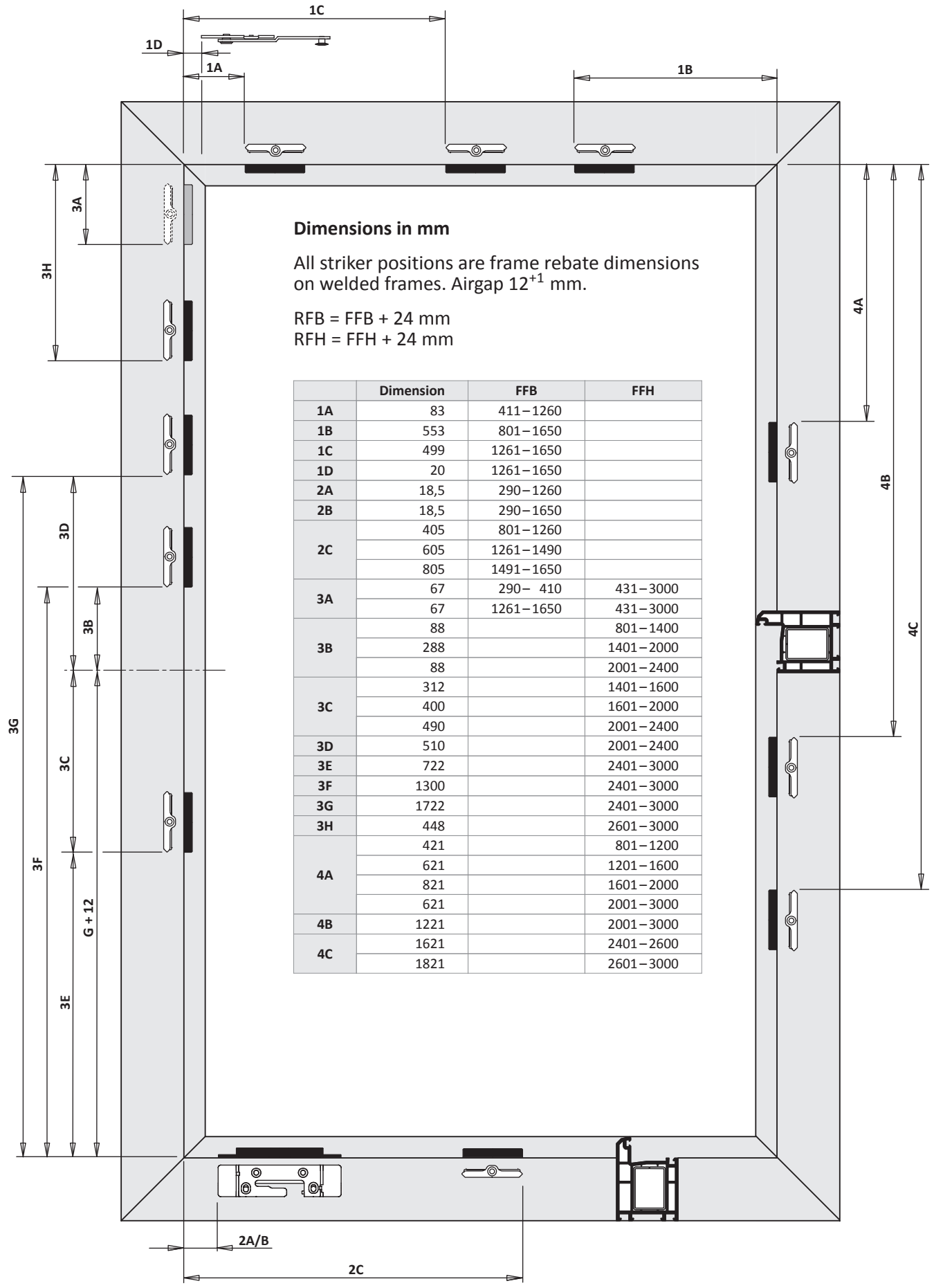
List of fittings

1-sash square tilt before turn (TBT)
PVC GM Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
23	stay hinge	Ref. PDB, FBWB			1	1
24	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
25	top hinge	Ref. PDB, FBSL01			1	
26	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
27	top hinge pin diam.6	FBSB0010-1 ...			1	1
28	top hinge S	Ref. PDB, FBSL02				1
29	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
30	bottom hinge	Ref. PDB, FBEL01			1	
31	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
32	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
33	bottom hinge S	Ref. PDB, FBEL02				1
34	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
35	corner hinge PVC	Ref. PDB, TBEB61			1	
36	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
37	corner hinge PVC130kg	Ref. PDB, TBEB63				1



Dimensions in mm

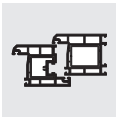
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1260	
1B	553	801–1650	
1C	499	1261–1650	
1D	20	1261–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	801–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
	67	1261–1650	431–3000
3B	88		801–1400
	288		1401–2000
	88		2001–2400
3C	312		1401–1600
	400		1601–2000
	490		2001–2400
3D	510		2001–2400
3E	722		2401–3000
3F	1300		2401–3000
3G	1722		2401–3000
3H	448		2601–3000
4A	421		801–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4B	1221		2001–3000
4C	1621		2401–2600
	1821		2601–3000

FAVORIT

Installation instructions

GS

1-sash square tilt-turn

PVC

basic security

centre handle pos. (variable)

Hinge side Si-line

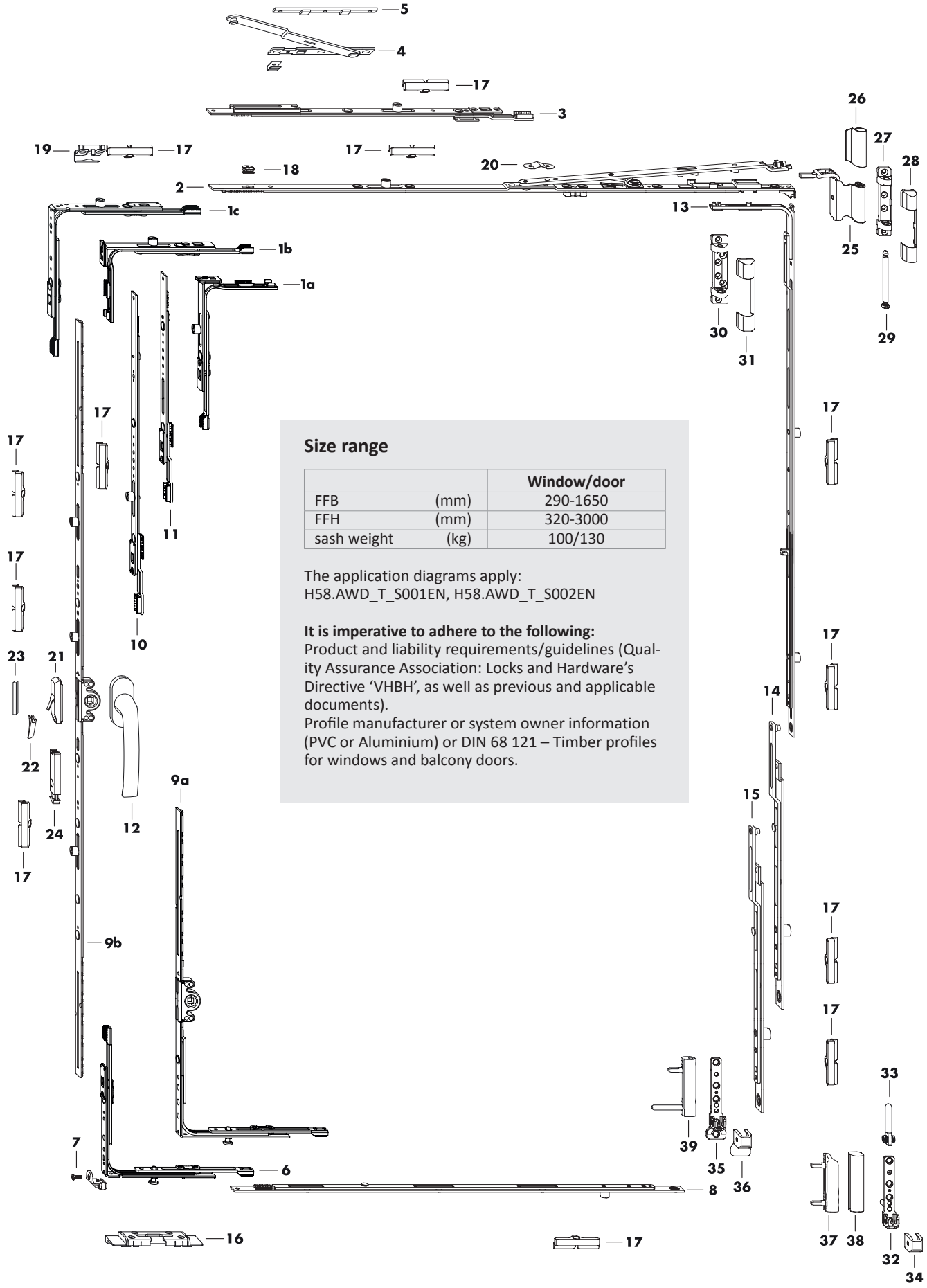
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 700
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose bottom hinge pin

hardware layout

1-sash square tilt-turn
PVC GM Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

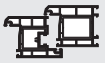
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Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							16	17
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	290– 410	431–3000			1
1b	corn.drive narrow VSO ..	FEUL0520- ...	1	411– 800	320– 430			1
1c	corn.drive VSO ..	FEUL0230- ...	1	411–1650	431–3000			1
2	stay 7 sz 30	707302	1	290– 620				
	stay 7 sz 35 MV	707319		621– 700				
	stay 7 sz 35 MV	707319		701– 800				1
	stay 7 sz 50 MV	707326		801–1030				1
	stay 7 sz 55 MV	707333		1031–1260				1
	stay 7 sz 50 MV	707326		1261–1490				1
	stay 7 sz 55 MV	707333		1491–1650				1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650				1
4	additional stay	Ref. PDB, TSZS	1	1261–1650				
5	packer Z	Ref. PDB, FRUP01	1	1261–1650				
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1	
7	sash lift S-ES	Ref. PDB, FMFH	1	290–1650				
8	centre lock sz 50	700969	1	701–1260				1
	centre lock sz 70	700976		1261–1490				1
	centre lock sz 90	700983		1491–1650				1
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1	
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...		290–1260	431– 600	180	1	
9b	gear 15 FAV sz 60	FGMK4020- ...	1		601– 700	300– 350		
	gear 15 FAV sz 70 1V	FGMK4030- ...			701– 800	350– 400		1
	gear 15 FAV sz 80 1V	FGMK4040- ...			801–1200	400– 600		1
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201–1400	600– 700		1
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401–1600	700– 800		2
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601–2000	800–1000		2
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001–2400	1000–1200		3
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401–3000	1200		3
10	linkage FAV sz 200 1V	FZSZ0100- ...	1		2401–2600			1
	linkage FAV sz 400 1V	FZSZ0110- ...			2601–3000			1
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801–3000			
12	handle Globe	Ref.access. ZHGS	1		320–3000			
13	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		701–1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1400			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			1401–3000			2
14	MV extension sz 40	700945	1		2001–2200			1
	MV extension sz 60	700952			2201–3000			1
15	MV extension sz 40	700945	1		2401–2600			1
	MV extension sz 60	700952			2601–3000			1
16	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
17	striker plate S 56	Ref. PDB, TRSM						
on request								
18	location piece ..	702543	1					
19	frame part SP-S	Ref. PDB, FRZL01	1					
20	tilt restrictor ..	805701	1		320– 800			
21	mishandling device FAV.	FFBS0110- ...	1					
22	pressure piece	Ref. PDB, TFFD	1					
23	stop	Ref. PDB, FRZF01	1					
24	snapper rh.	TFST0021- ...	1		1601–3000			
	snapper lh.	TFST0022- ...			1601–3000			

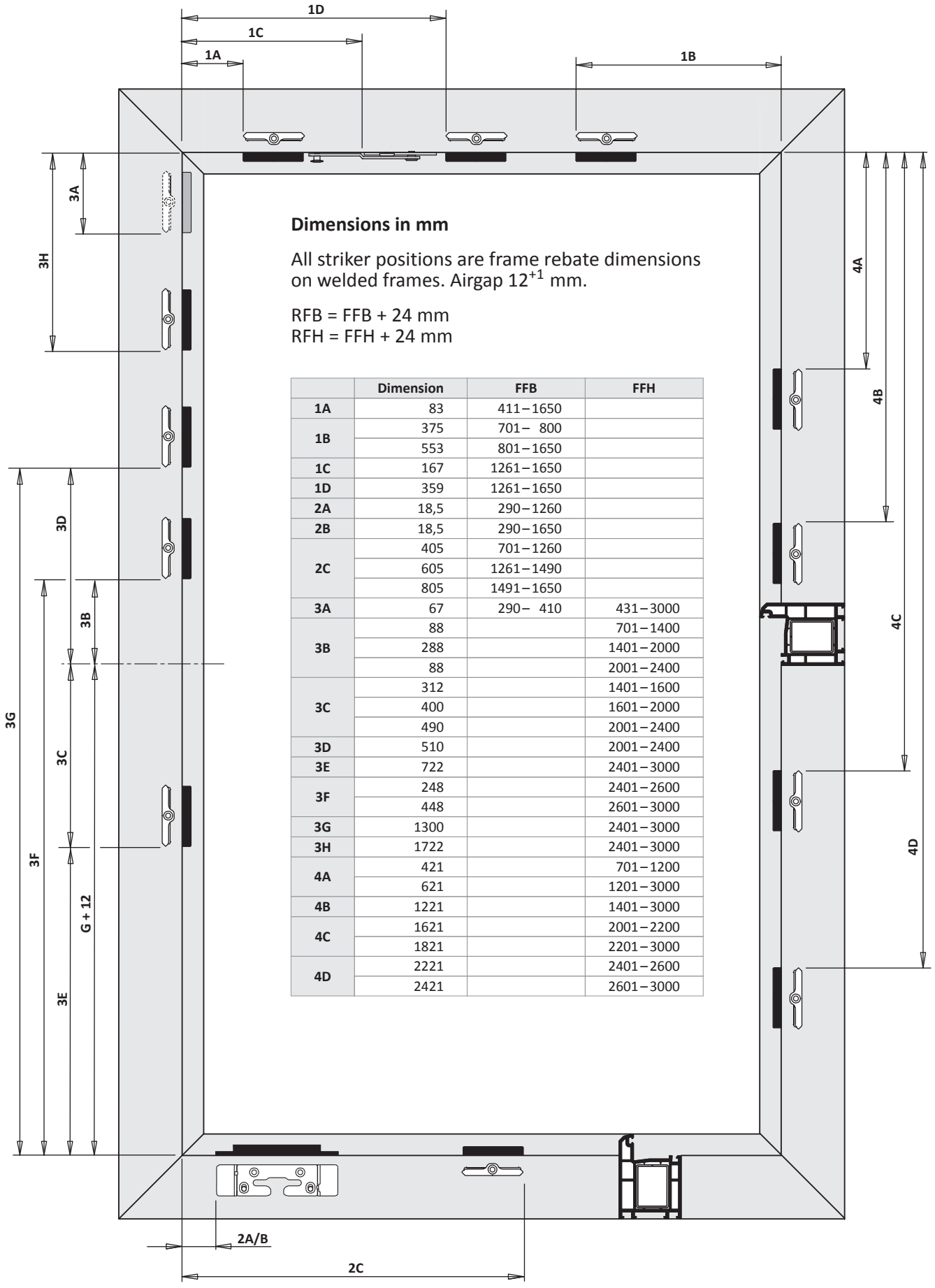
List of fittings

1-sash square tilt-turn
PVC GM Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
25	stay hinge	Ref. PDB, FBWB			1	1
26	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
27	top hinge	Ref. PDB, FBSL01			1	
28	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
29	top hinge pin diam.6	FBSB0010-1 ...			1	1
30	top hinge S	Ref. PDB, FBSL02				1
31	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
32	bottom hinge	Ref. PDB, FBEL01			1	
33	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
34	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
35	bottom hinge S	Ref. PDB, FBEL02				1
36	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
37	corner hinge PVC	Ref. PDB, TBEB61			1	
38	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
39	corner hinge PVC130kg	Ref. PDB, TBEB63				1



Dimensions in mm

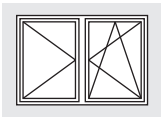
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1650	
1B	375	701– 800	
	553	801–1650	
1C	167	1261–1650	
1D	359	1261–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	701–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
3B	88		701–1400
	288		1401–2000
	88		2001–2400
3C	312		1401–1600
	400		1601–2000
	490		2001–2400
3D	510		2001–2400
3E	722		2401–3000
3F	248		2401–2600
	448		2601–3000
3G	1300		2401–3000
3H	1722		2401–3000
4A	421		701–1200
	621		1201–3000
4B	1221		1401–3000
4C	1621		2001–2200
	1821		2201–3000
4D	2221		2401–2600
	2421		2601–3000

FAVORIT

Installation instructions



GS

2-sash square tilt-turn/turn DSG gear

PVC

basic security

centre handle pos. (variable)

Hinge side Si-line

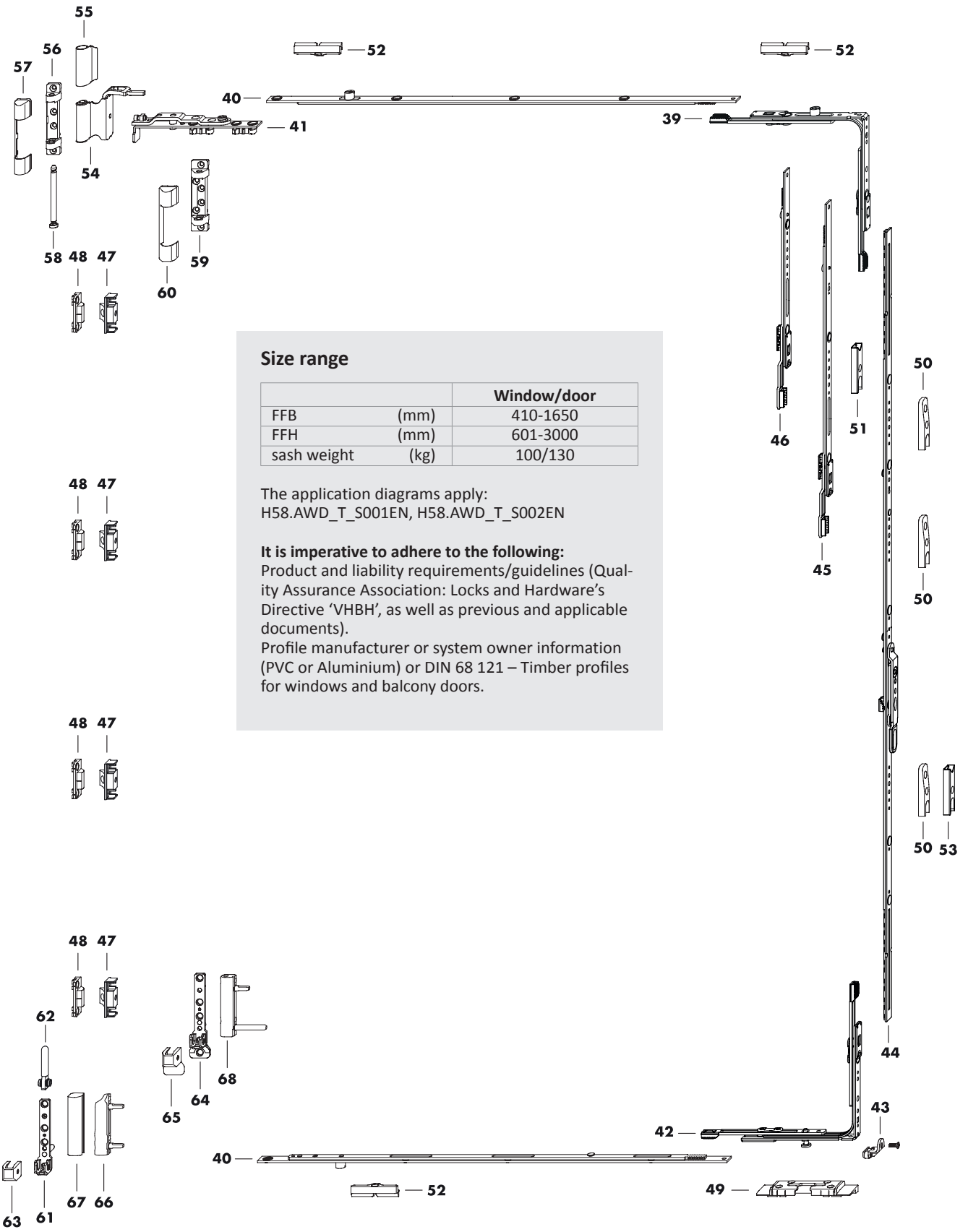
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 700
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose bottom hinge pin

hardware layout slave sash

2-sash square tilt-turn/turn DSG gear
PVC GM Hinge side Si-line

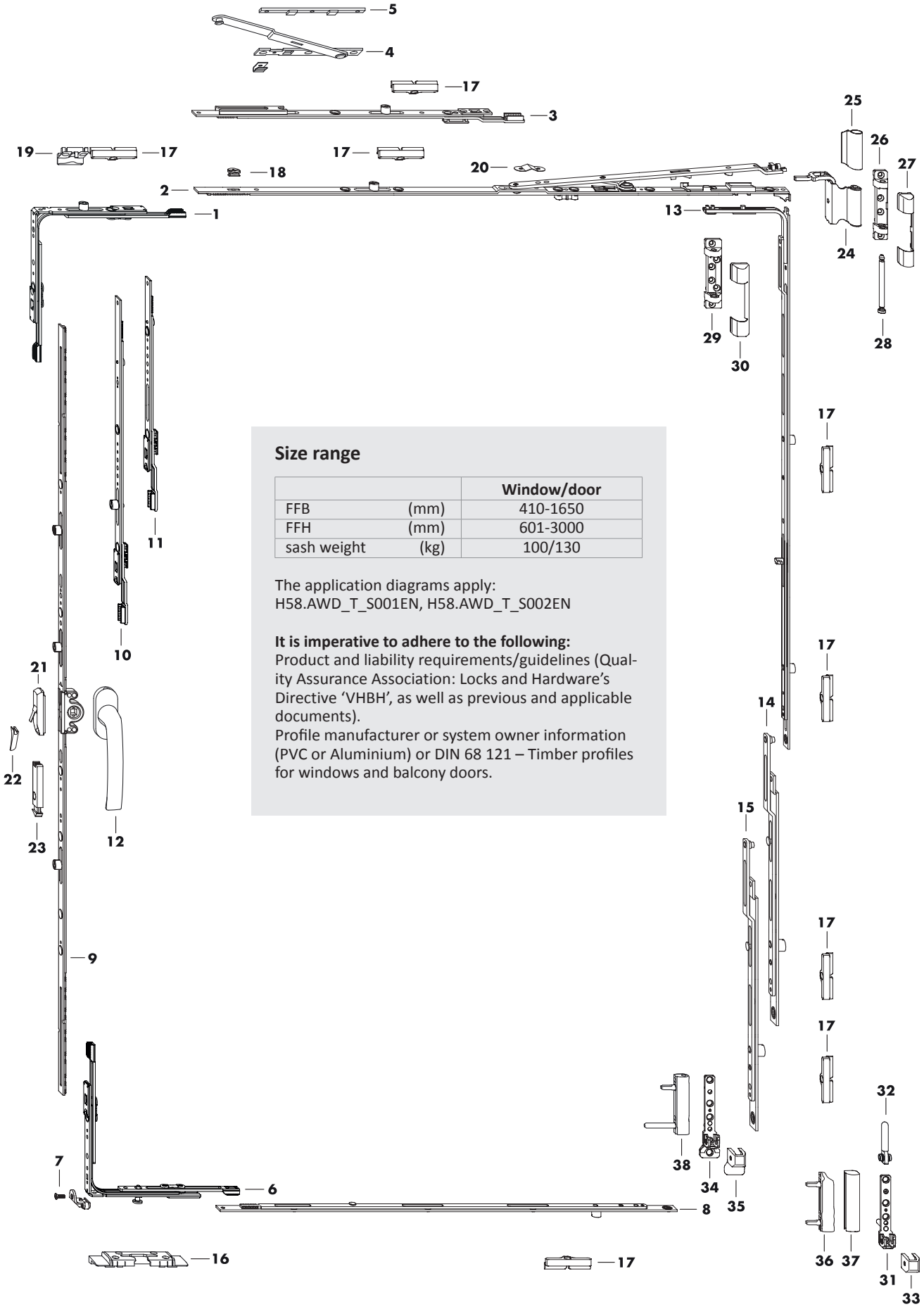


Size range

		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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Size range

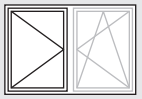
		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

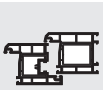
The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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List of fittings slave sash

2-sash square tilt-turn/turn DSG gear
PVC GM Hinge side Si-line





Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.			
						In the main sash	49	50	51	52
39	corn.drive VSO ..	FEUL0230- ...	1	410 – 1650						1
40	centre lock sz 50	700969	2	701 – 1260						2
	centre lock sz 70	700976		1261 – 1490						2
	centre lock sz 90	700983		1491 – 1650						2
41	stay 7 DF	707340	1	410 – 1650						
42	corn.drive FAV VS 1S ..	FEUL0510- ...	1	410 – 1650			1			
43	sash lift S-ES	Ref. PDB, FMFH	1	410 – 1650						
44	s.sash gear16 FAV 60/300	FGKS4030- ...	1		601 – 700	300 – 350				
	sec.sash gear 16 FAV sz 70 1SB	FGMS4030- ...			701 – 800	350 – 400		1		
	sec.sash gear16 FAV sz .80 1SB	FGMS4040- ...			801 – 1200	400 – 600		1		
	sec.sash gear16 FAV sz 120 1SB	FGMS4050- ...			1201 – 1400	600 – 700		1		
	sec.sash gear16 FAV sz 120 2SB	FGMS4120- ...			1401 – 1600	700 – 800		1		
	sec.sash gear16 FAV sz 160 2SB	FGMS4130- ...			1601 – 2000	800 – 1000		1		
	sec.sash gear16 FAV sz 200 3SB	FGMS4100- ...			2001 – 2400	1000 – 1200		1		
	sec.sash gear16 FAV sz 200 3SB	FGMS4100- ...			2401 – 3000	1200		1		
45	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401 – 2600				1	
	linkage FAV sz 400 A0767	FZSZ0130- ...			2601 – 3000				1	
46	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801 – 3000					
47	sash part MV	Ref. PDB, ZFMV01	1		701 – 1400					
	sash part MV	Ref. PDB, ZFMV01	2		1401 – 2100					
	sash part MV	Ref. PDB, ZFMV01	3		2101 – 2800					
	sash part MV	Ref. PDB, ZFMV01	4		2801 – 3000					
48	frame part MV	Ref. PDB, ZRZM01	1		701 – 1400					
	frame part MV	Ref. PDB, ZRZM01	2		1401 – 2100					
	frame part MV	Ref. PDB, ZRZM01	3		2101 – 2800					
	frame part MV	Ref. PDB, ZRZM01	4		2801 – 3000					
49	tilt lock bear. S-ES FH	Ref. PDB, FRKA								
50	striker plate f. gear MV	Ref. PDB, FRSA02								
51	striker plate 56 A0767	TRSB0020- ...								
52	striker plate S 56	Ref. PDB, TRSM								
on request										
53	striker plate 56 A0767	TRSB0020- ...	1		1601 – 3000					

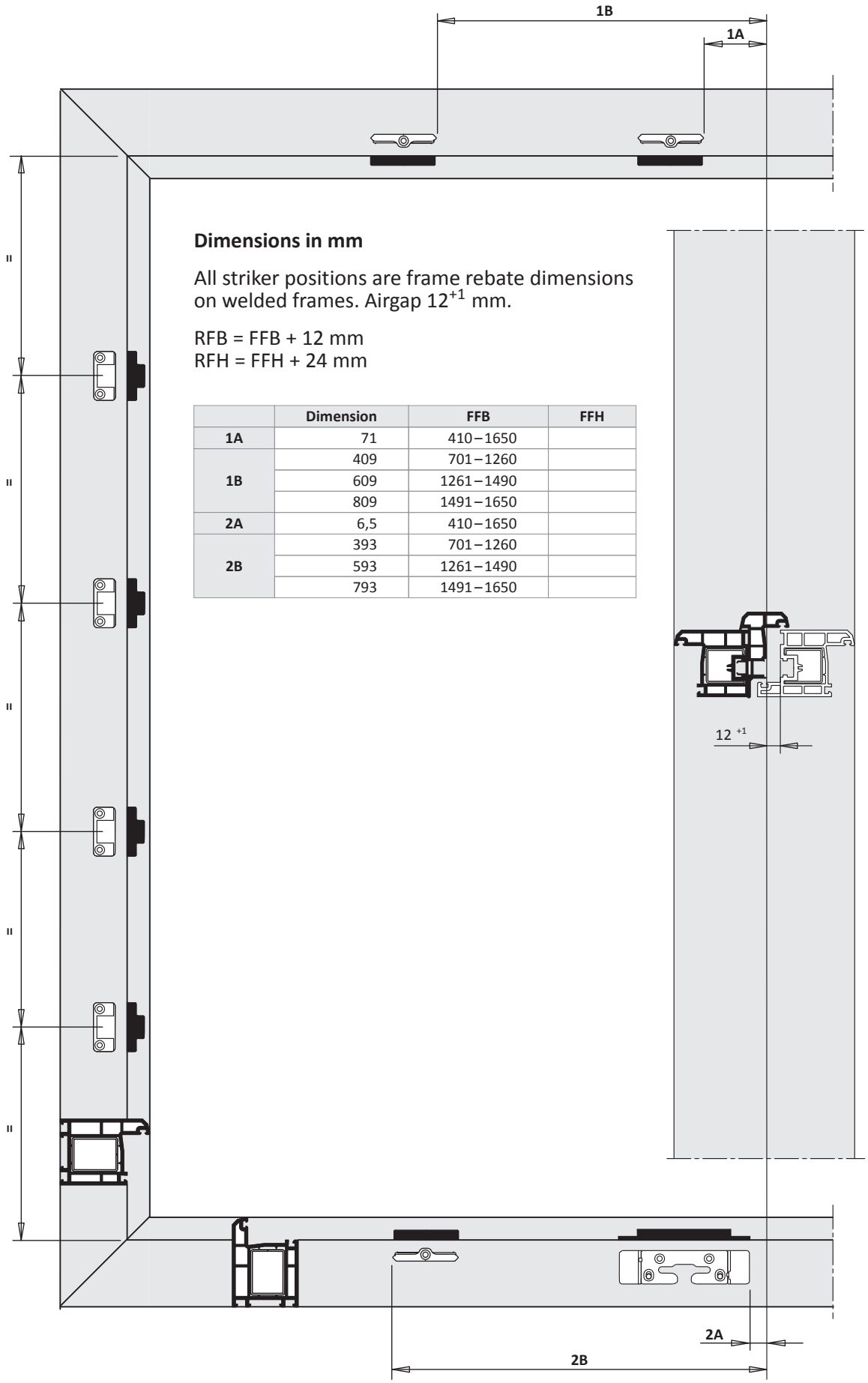
Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
54	stay hinge	Ref. PDB, FBWB			1	1
55	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
56	top hinge	Ref. PDB, FBSL01			1	
57	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
58	top hinge pin diam.6	FBSB0010-1 ...			1	1
59	top hinge S	Ref. PDB, FBSL02				1
60	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
61	bottom hinge	Ref. PDB, FBEL01			1	
62	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
63	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
64	bottom hinge S	Ref. PDB, FBEL02				1
65	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
66	corner hinge PVC	Ref. PDB, TBEB61			1	
67	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
68	corner hinge PVC130kg	Ref. PDB, TBEB63				1

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							16	17
1	corn.drive VSO ..	FEUL0230- ...	1	410 – 1650				1
2	stay 7 sz 30	707302	1	410 – 620				
	stay 7 sz 35 MV	707319		621 – 700				
	stay 7 sz 50 MV	707326		701 – 800				1
	stay 7 sz 50 MV	707326		801 – 1030				1
	stay 7 sz 55 MV	707333		1031 – 1260				1
	stay 7 sz 50 MV	707326		1261 – 1490				1
	stay 7 sz 55 MV	707333		1491 – 1650				1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261 – 1650				1
4	additional stay	Ref. PDB, TSZS	1	1261 – 1650				
5	packer Z	Ref. PDB, FRUP01	1	1261 – 1650				
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	410 – 1650			1	
7	sash lift S-ES	Ref. PDB, FMFH	1	410 – 1650				
8	centre lock sz 50	700969	1	701 – 1260				1
	centre lock sz 70	700976		1261 – 1490				1
	centre lock sz 90	700983		1491 – 1650				1
9	gear 15 FAV sz 60	FGMK4020- ...	1		601 – 700	300 – 350		
	gear 15 FAV sz 70 1V	FGMK4030- ...			701 – 800	350 – 400		
	gear 15 FAV sz 80 1V	FGMK4040- ...			801 – 1200	400 – 600		
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201 – 1400	600 – 700		
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401 – 1600	700 – 800		
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601 – 2000	800 – 1000		
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001 – 2400	1000 – 1200		
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401 – 3000	1200		
10	linkage FAV sz 200 1V	FZSZ0100- ...	1		2401 – 2600			
	linkage FAV sz 400 1V	FZSZ0110- ...			2601 – 3000			
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801 – 2800			
12	handle Globe	Ref.access. ZHGS	1		601 – 3000			
13	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		701 – 1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201 – 1400			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			1401 – 3000			2
14	MV extension sz 40	700945	1		2001 – 2200			1
	MV extension sz 60	700952			2201 – 3000			1
15	MV extension sz 40	700945	1		2401 – 2600			1
	MV extension sz 60	700952			2601 – 3000			1
16	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
17	striker plate S 56	Ref. PDB, TRSM						
on request								
18	location piece ..	702543	1					
19	frame part SP-S	Ref. PDB, FRZL01	1					
20	tilt restrictor ..	805701	1		601 – 800			
21	mishandling device FAV.	FFBS0110- ...	1		801 – 3000			
22	pressure piece	Ref. PDB, TFFD	1		801 – 3000			
23	snapper rh.	TFST0021- ...	1		1601 – 3000			
	snapper lh.	TFST0022- ...			1601 – 3000			

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
24	stay hinge	Ref. PDB, FBWB			1	1
25	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
26	top hinge	Ref. PDB, FBSL01			1	
27	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
28	top hinge pin diam.6	FBSB0010-1 ...			1	1
29	top hinge S	Ref. PDB, FBSL02				1
30	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
31	bottom hinge	Ref. PDB, FBEL01			1	
32	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
33	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
34	bottom hinge S	Ref. PDB, FBEL02				1
35	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
36	corner hinge PVC	Ref. PDB, TBEB61			1	
37	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
38	corner hinge PVC130kg	Ref. PDB, TBEB63				1

Frame dimensions slave sash

2-sash square tilt-turn/turn DSG gear
PVC GM Hinge side Si-line

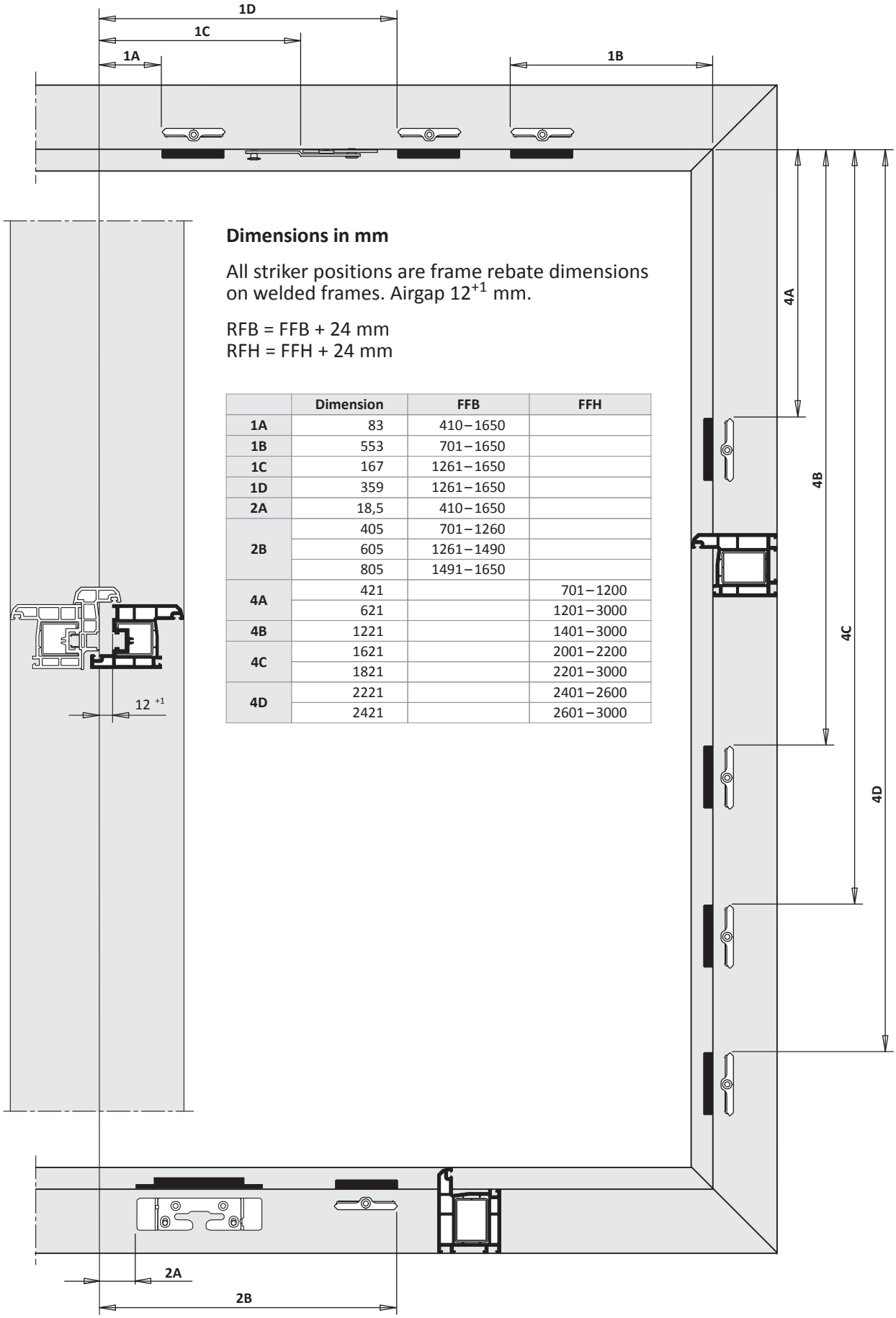


Dimensions in mm

All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	71	410 – 1650	
1B	409	701 – 1260	
	609	1261 – 1490	
	809	1491 – 1650	
2A	6,5	410 – 1650	
2B	393	701 – 1260	
	593	1261 – 1490	
	793	1491 – 1650	



Dimensions in mm

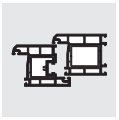
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	410–1650	
1B	553	701–1650	
1C	167	1261–1650	
1D	359	1261–1650	
2A	18,5	410–1650	
2B	405	701–1260	
	605	1261–1490	
	805	1491–1650	
4A	421		701–1200
	621		1201–3000
4B	1221		1401–3000
4C	1621		2001–2200
	1821		2201–3000
4D	2221		2401–2600
	2421		2601–3000

FAVORIT

Installation instructions

3P

1-sash square tilt-turn

PVC

3-Punkt Sicherheit

centre handle pos. (variable)

Hinge side Si-line

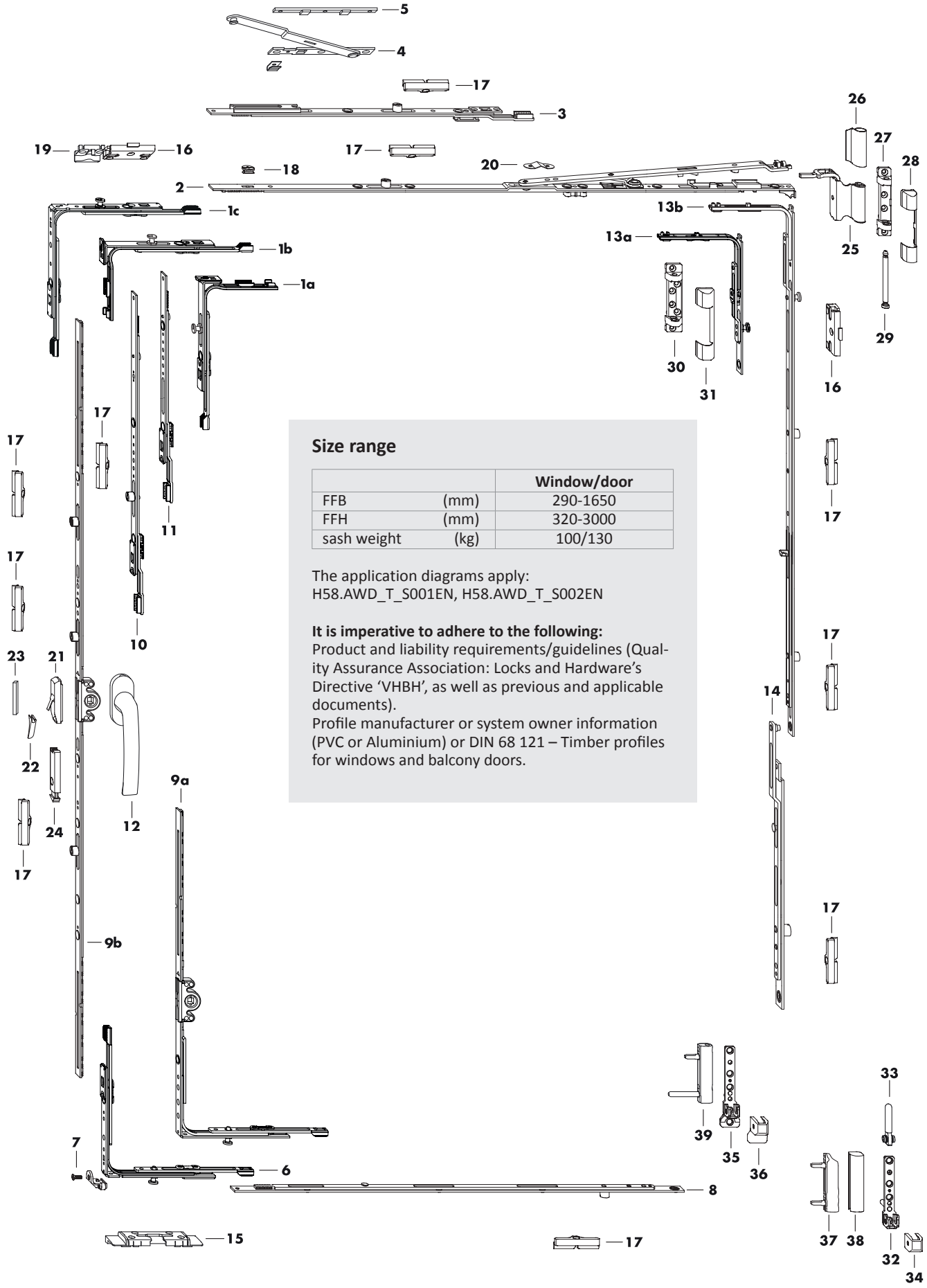
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 800
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive 1S 2V
Hinge side turning points	loose bottom hinge pin

hardware layout

1-sash square tilt-turn
PVC GM Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

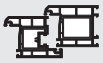
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Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.		
							15	16	17
1a	corn.drive FAV VSO narrow 1S ..	FEUL0530- ...	1	290– 410	431–3000			1	
1b	corn.drive FAV VSO narrow 1S ..	FEUL0530- ...	1	411– 800	320– 430			1	
1c	corn.drive FAV VS 1S ..	FEUL0510- ...	1	411–1650	431–3000			1	
2	stay 7 sz 30	707302	1	290– 620					
	stay 7 sz 35 MV	707319		621– 800					
	stay 7 sz 50 MV	707326		801–1030					1
	stay 7 sz 55 MV	707333		1031–1260					1
	stay 7 sz 50 MV	707326		1261–1490					1
	stay 7 sz 55 MV	707333		1491–1650					1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650					1
4	additional stay	Ref. PDB, TSZS	1	1261–1650					
5	packer Z	Ref. PDB, FRUP01	1	1261–1650					
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1		
7	sash lift S-ES	Ref. PDB, FMFH	1	290–1650					
8	centre lock sz 50	700969	1	801–1260					1
	centre lock sz 70	700976		1261–1490					1
	centre lock sz 90	700983		1491–1650					1
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1		
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...			431– 600	180	1		
9b	gear 15 FAV sz 60	FGMK4020- ...	1		601– 800	300– 400			
	gear 15 FAV sz 80 1V	FGMK4040- ...			801–1200	400– 600			1
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201–1400	600– 700			1
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401–1600	700– 800			2
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601–2000	800–1000			2
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001–2400	1000–1200			3
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401–3000	1200			3
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401–2600				
	linkage FAV sz 400 1V	FZSZ0110- ...			2601–3000				1
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801–3000				
12	handle Globe	Ref.access. ZHGS	1		320–3000				
13a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		320– 800			1	
13b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		801–1200			1	1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201–1600			1	1
	corn.drive BS sz 90 1S 1V ..	FEUL2130- ...			1601–2000			1	1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			2001–3000			1	2
14	MV extension sz 40	700945	1		2401–2600				1
	MV extension sz 60	700952			2601–3000				1
15	tilt lock bear. S-ES FH	Ref. PDB, FRKA							
16	striker plate S-RS	Ref. PDB, TRSK							
17	striker plate S 56	Ref. PDB, TRSM							
on request									
18	location piece ..	702543	1						
19	frame part SP-S	Ref. PDB, FRZL01	1						
20	tilt restrictor ..	805701	1		320– 800				
21	mishandling device FAV.	FFBS0110- ...	1						
22	pressure piece	Ref. PDB, TFFD	1						
23	stop	Ref. PDB, FRZF01	1						
24	snapper rh.	TFST0021- ...	1		1601–3000				
	snapper lh.	TFST0022- ...			1601–3000				

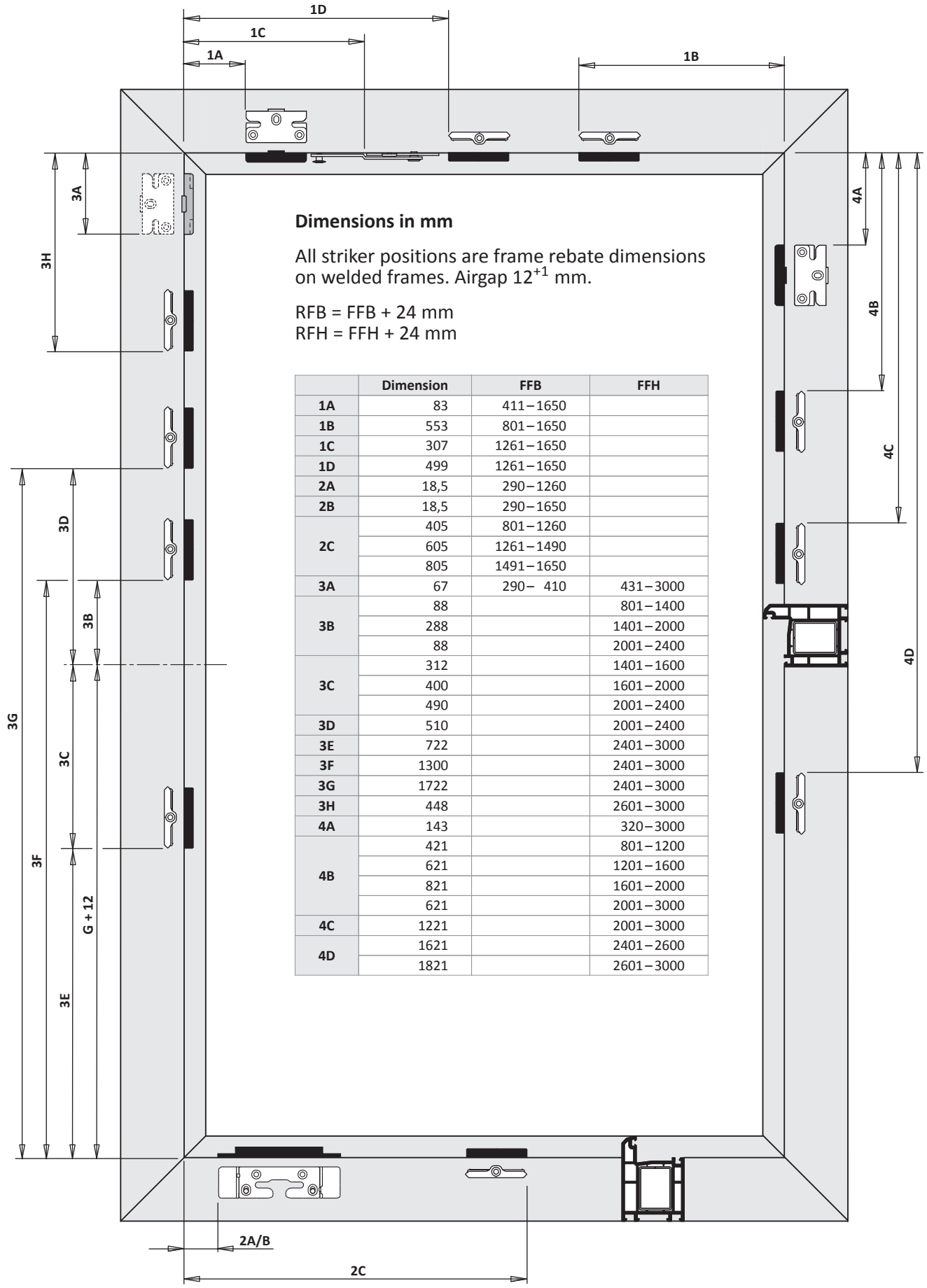
List of fittings

1-sash square tilt-turn
PVC GM Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
25	stay hinge	Ref. PDB, FBWB			1	1
26	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
27	top hinge	Ref. PDB, FBSL01			1	
28	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
29	top hinge pin diam.6	FBSB0010-1 ...			1	1
30	top hinge S	Ref. PDB, FBSL02				1
31	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
32	bottom hinge	Ref. PDB, FBEL01			1	
33	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
34	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
35	bottom hinge S	Ref. PDB, FBEL02				1
36	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
37	corner hinge PVC	Ref. PDB, TBEB61			1	
38	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
39	corner hinge PVC130kg	Ref. PDB, TBEB63				1



Dimensions in mm

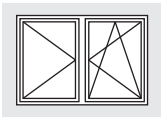
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1650	
1B	553	801–1650	
1C	307	1261–1650	
1D	499	1261–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	801–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
3B	88		801–1400
	288		1401–2000
	88		2001–2400
3C	312		1401–1600
	400		1601–2000
	490		2001–2400
3D	510		2001–2400
3E	722		2401–3000
3F	1300		2401–3000
3G	1722		2401–3000
3H	448		2601–3000
4A	143		320–3000
4B	421		801–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4C	1221		2001–3000
4D	1621		2401–2600
	1821		2601–3000

FAVORIT

Installation instructions





3P

2-sash square tilt-turn/turn DSG gear

PVC

3-Punkt Sicherheit

centre handle pos. (variable)

Hinge side Si-line

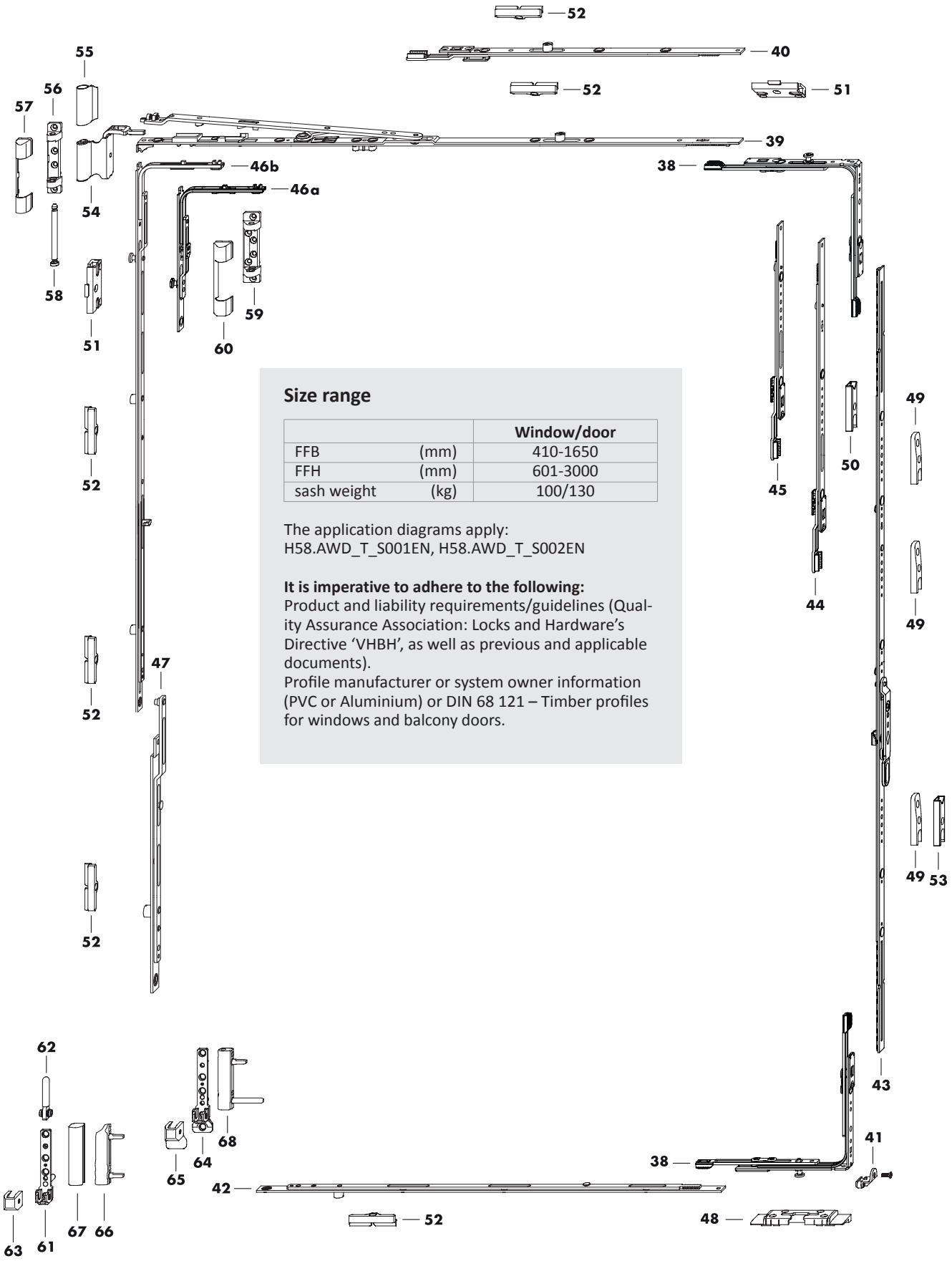
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 800
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive 1S 2V
Hinge side turning points	loose bottom hinge pin

hardware layout slave sash

2-sash square tilt-turn/turn DSG gear
PVC GM Hinge side Si-line

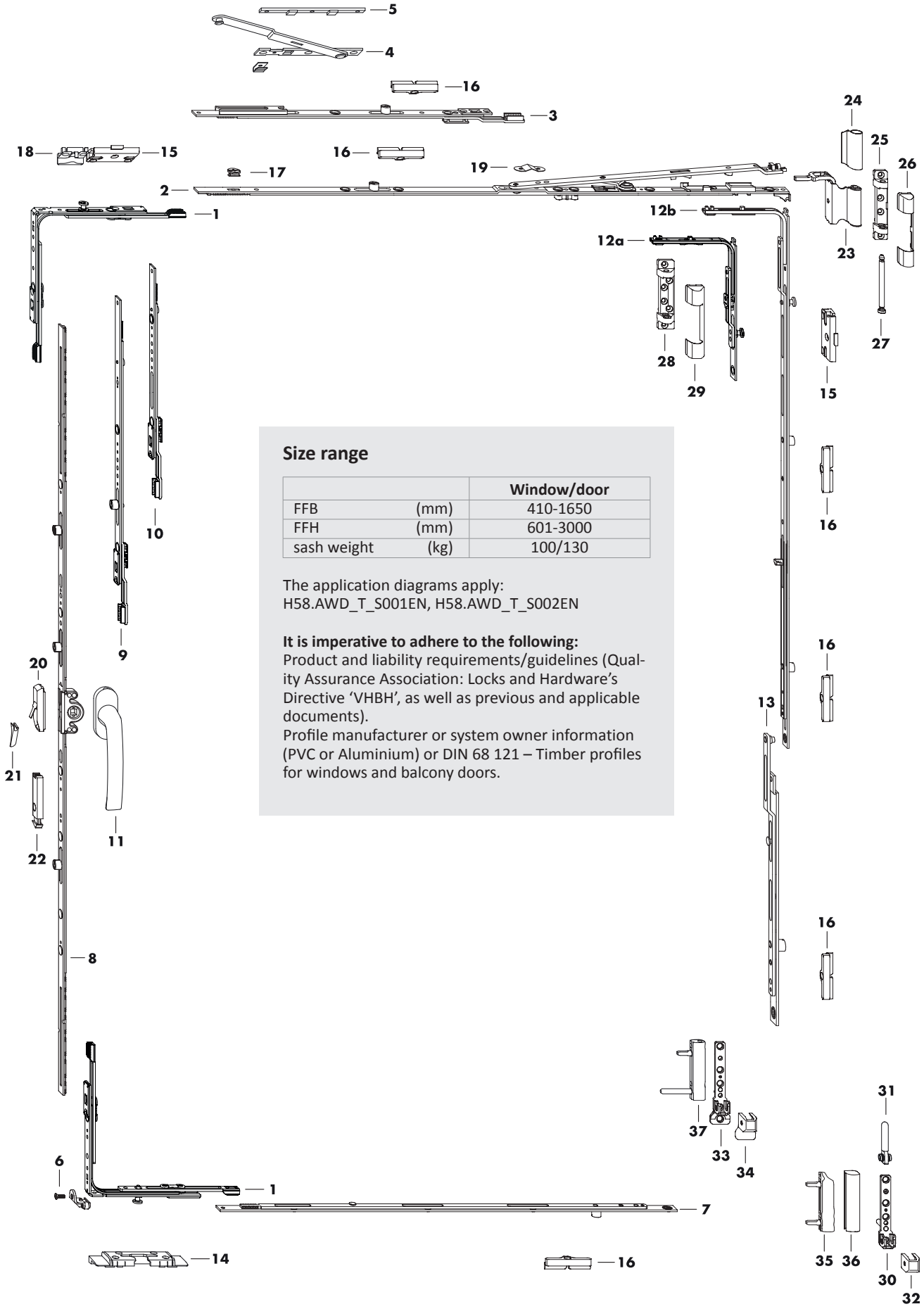


Size range

		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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.



Size range

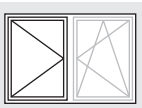
		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

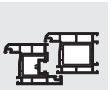
The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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List of fittings slave sash

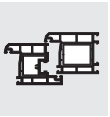
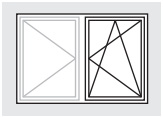
2-sash square tilt-turn/turn DSG gear
PVC GM Hinge side Si-line





Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.				
						In the main sash	48	49	50	51	52
38	corn.drive FAV VS 1S ..	FEUL0510- ...	2	410 – 1650			1			1	
39	stay 7 sz 30	707302	1	410 – 620							
	stay 7 sz 35 MV	707319		621 – 800							
	stay 7 sz 50 MV	707326		801 – 1030							1
	stay 7 sz 55 MV	707333		1031 – 1260							1
	stay 7 sz 50 MV	707326		1261 – 1490							1
	stay 7 sz 55 MV	707333		1491 – 1650							1
40	linkage sz 460 MV	713266	1	1261 – 1650							1
41	sash lift S-ES	Ref. PDB, FMFH	1	410 – 1650							
42	centre lock sz 50	700969	1	801 – 1260							1
	centre lock sz 70	700976		1261 – 1490							1
	centre lock sz 90	700983		1491 – 1650							1
43	s.sash gear16 FAV 60/300	FGKS4030- ...	1		601 – 800	300 – 400					
	sec.sash gear16 FAV sz .80 1SB	FGMS4040- ...			801 – 1200	400 – 600		1			
	sec.sash gear16 FAV sz 120 1SB	FGMS4050- ...			1201 – 1600	600 – 800		1			
	sec.sash gear16 FAV sz 120 2SB	FGMS4120- ...			1201 – 1600	600 – 800		1			
	sec.sash gear16 FAV sz 160 2SB	FGMS4130- ...			1601 – 2000	800 – 1000		1			
	sec.sash gear16 FAV sz 200 3SB	FGMS4100- ...			2001 – 2400	1000 – 1200		1			
	sec.sash gear16 FAV sz 200 3SB	FGMS4100- ...			2401 – 3000	1200		1			
44	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401 – 2600				1		
	linkage FAV sz 400 A0767	FZSZ0130- ...			2601 – 3000				1		
45	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801 – 3000						
46a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		601 – 800					1	
46b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		801 – 1200					1	1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201 – 1600					1	1
	corn.drive BS sz 90 1S 1V ..	FEUL2130- ...			1601 – 2000					1	1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			2001 – 3000					1	2
47	MV extension sz 40	700945	1		2401 – 2600						1
	MV extension sz 60	700952			2601 – 3000						1
48	tilt lock bear. S-ES FH	Ref. PDB, FRKA									
49	striker plate f. gear MV	Ref. PDB, FRSA02									
50	striker plate 56 A0767	TRSB0020- ...									
51	striker plate S-RS	Ref. PDB, TRSK									
52	striker plate S 56	Ref. PDB, TRSM									
on request											
53	striker plate 56 A0767	TRSB0020- ...	1		1601 – 3000						

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
54	stay hinge	Ref. PDB, FBWB			1	1
55	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
56	top hinge	Ref. PDB, FBSL01			1	
57	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
58	top hinge pin diam.6	FBSB0010-1 ...			1	1
59	top hinge S	Ref. PDB, FBSL02				1
60	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
61	bottom hinge	Ref. PDB, FBEL01			1	
62	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
63	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
64	bottom hinge S	Ref. PDB, FBEL02				1
65	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
66	corner hinge PVC	Ref. PDB, TBEB61			1	
67	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
68	corner hinge PVC130kg	Ref. PDB, TBEB63				1

List of fittings main sash

2-sash square tilt-turn/turn DSG gear
PVC GM Hinge side Si-line

FAVORIT

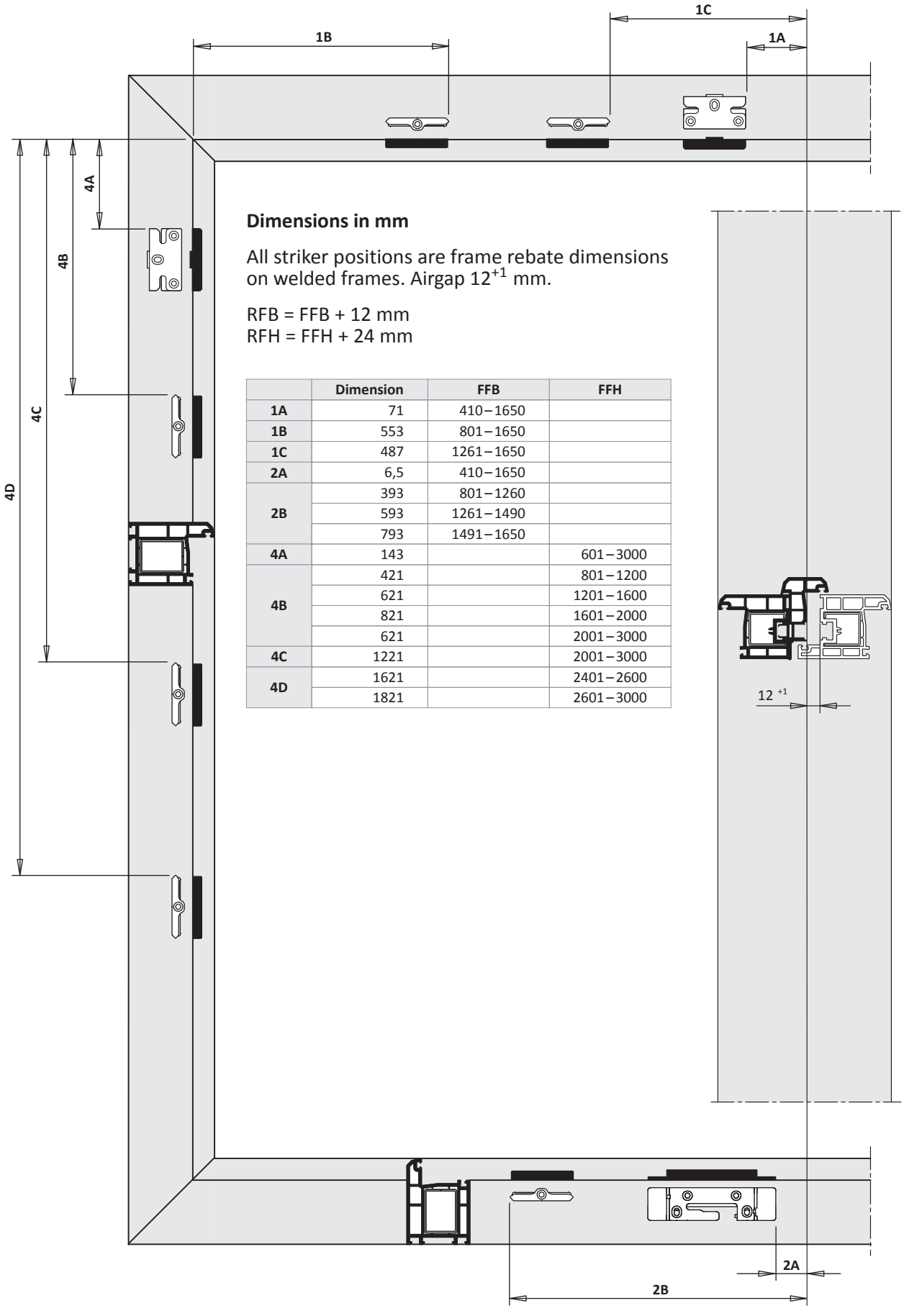
3P

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.		
							14	15	16
1	corn.drive FAV VS 1S ..	FEUL0510- ...	2	410 – 1650			1	1	
2	stay 7 sz 30	707302	1	410 – 620					
	stay 7 sz 35 MV	707319		621 – 800					
	stay 7 sz 50 MV	707326		801 – 1030					1
	stay 7 sz 55 MV	707333		1031 – 1260					1
	stay 7 sz 50 MV	707326		1261 – 1490					1
	stay 7 sz 55 MV	707333		1491 – 1650					1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261 – 1650					1
4	additional stay	Ref. PDB, TSZS	1	1261 – 1650					
5	packer Z	Ref. PDB, FRUP01	1	1261 – 1650					
6	sash lift S-ES	Ref. PDB, FMFH	1	410 – 1650					
7	centre lock sz 50	700969	1	801 – 1260					1
	centre lock sz 70	700976		1261 – 1490					1
	centre lock sz 90	700983		1491 – 1650					1
8	gear 15 FAV sz 60	FGMK4020- ...	1		601 – 800	300 – 400			
	gear 15 FAV sz 80 1V	FGMK4040- ...			801 – 1200	400 – 600			
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201 – 1400	600 – 700			
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401 – 1600	700 – 800			
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601 – 2000	800 – 1000			
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001 – 2400	1000 – 1200			
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401 – 3000	1200			
9	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401 – 2600				
	linkage FAV sz 400 1V	FZSZ0110- ...			2601 – 3000				
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801 – 3000				
11	handle Globe	Ref.access. ZHGS	1		601 – 3000				
12a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		601 – 800			1	
12b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		801 – 1200			1	1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201 – 1600			1	1
	corn.drive BS sz 90 1S 1V ..	FEUL2130- ...			1601 – 2000			1	1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			2001 – 3000			1	2
13	MV extension sz 40	700945	1		2401 – 2600				1
	MV extension sz 60	700952			2601 – 3000				1
14	tilt lock bear. S-ES FH	Ref. PDB, FRKA							
15	striker plate S-RS	Ref. PDB, TRSK							
16	striker plate S 56	Ref. PDB, TRSM							
on request									
17	location piece ..	702543	1						
18	frame part SP-S	Ref. PDB, FRZL01	1						
19	tilt restrictor ..	805701	1		601 – 800				
20	mishandling device FAV.	FFBS0110- ...	1		801 – 3000				
21	pressure piece	Ref. PDB, TFFD	1		801 – 3000				
22	snapper rh.	TFST0021- ...	1		1601 – 3000				
	snapper lh.	TFST0022- ...			1601 – 3000				

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
23	stay hinge	Ref. PDB, FBWB			1	1
24	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
25	top hinge	Ref. PDB, FBSL01			1	
26	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
27	top hinge pin diam.6	FBSB0010-1 ...			1	1
28	top hinge S	Ref. PDB, FBSL02				1
29	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
30	bottom hinge	Ref. PDB, FBEL01			1	
31	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
32	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
33	bottom hinge S	Ref. PDB, FBEL02				1
34	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
35	corner hinge PVC	Ref. PDB, TBEB61			1	
36	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
37	corner hinge PVC130kg	Ref. PDB, TBEB63				1

Frame dimensions slave sash

2-sash square tilt-turn/turn DSG gear
PVC GM Hinge side Si-line

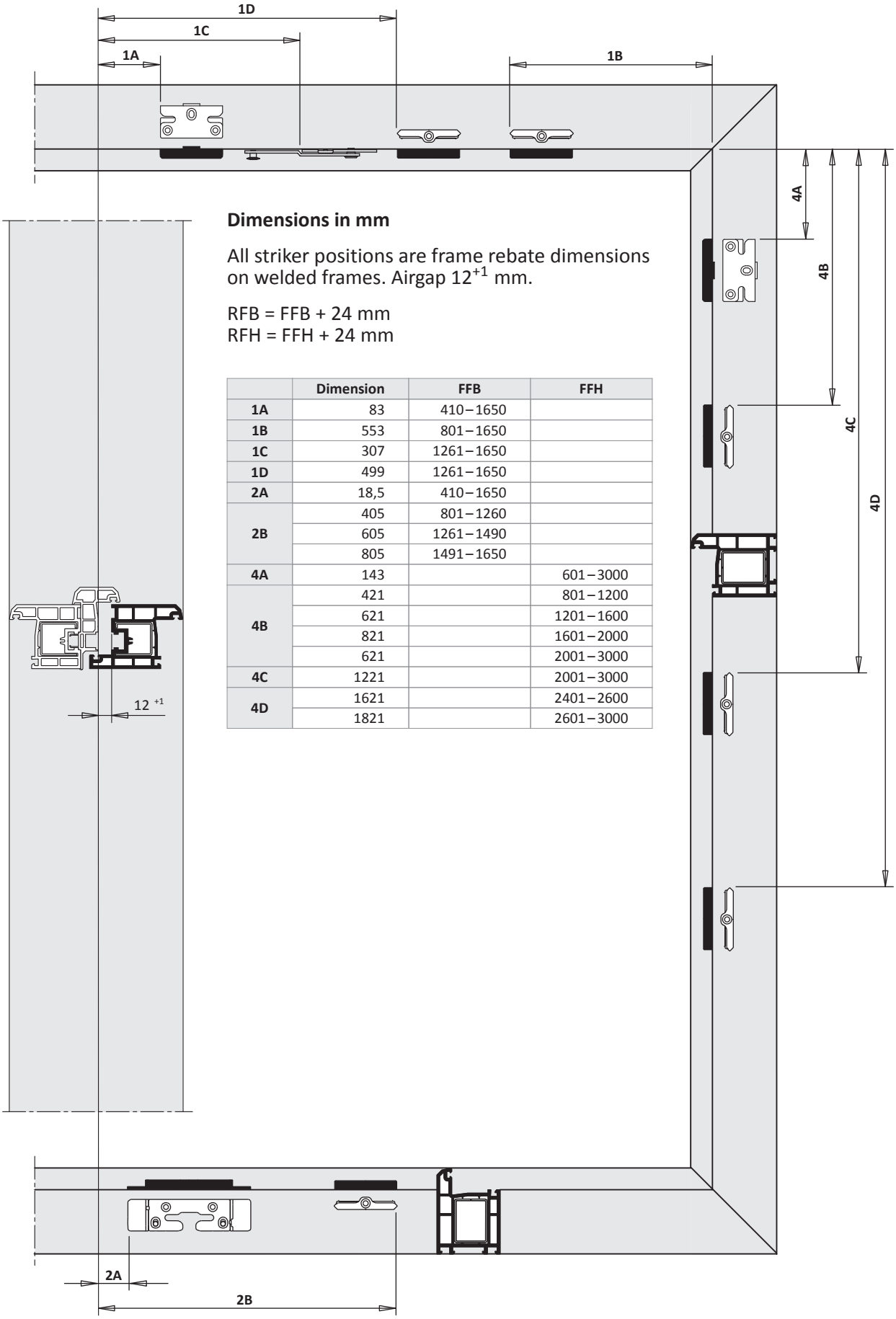


Dimensions in mm

All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	71	410 – 1650	
1B	553	801 – 1650	
1C	487	1261 – 1650	
2A	6,5	410 – 1650	
2B	393	801 – 1260	
	593	1261 – 1490	
	793	1491 – 1650	
4A	143		601 – 3000
4B	421		801 – 1200
	621		1201 – 1600
	821		1601 – 2000
	621		2001 – 3000
4C	1221		2001 – 3000
4D	1621		2401 – 2600
	1821		2601 – 3000



Dimensions in mm

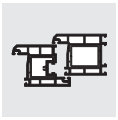
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	410–1650	
1B	553	801–1650	
1C	307	1261–1650	
1D	499	1261–1650	
2A	18,5	410–1650	
2B	405	801–1260	
	605	1261–1490	
	805	1491–1650	
4A	143		601–3000
4B	421		801–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4C	1221		2001–3000
4D	1621		2401–2600
	1821		2601–3000

FAVORIT

Installation instructions

3P

1-sash square tilt before turn (TBT)

PVC

3-Punkt Sicherheit

centre handle pos. (variable)

Hinge side Si-line

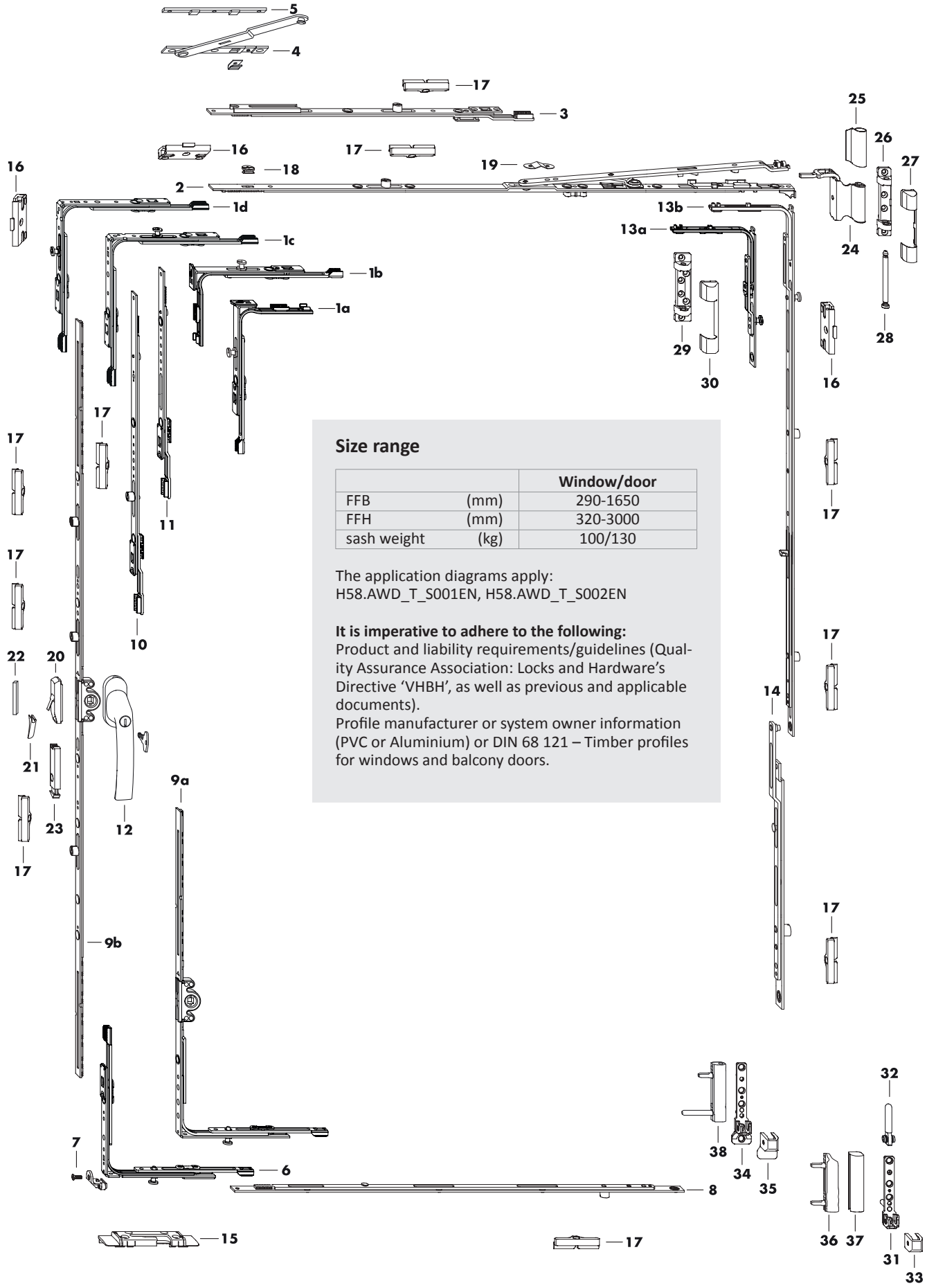
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 800
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive 1S 2V
Hinge side turning points	loose bottom hinge pin

hardware layout

1-sash square tilt before turn (TBT)
PVC GM Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

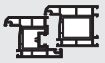
It is imperative to adhere to the following:
Product and liability requirements/guidelines (Quality Assurance Association: Locks and Hardware's Directive 'VHBH', as well as previous and applicable documents).
Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.		
							15	16	17
1a	corn.drive FAV VSO narrow 1S ..	FEUL0530- ...	1	290– 410	431–3000			1	
1b	corn.drive FAV VSO narrow 1S ..	FEUL0530- ...	1	411– 800	320– 430			1	
1c	corn.drive FAV VS 1S ..	FEUL0510- ...	1	411–1260	431–3000			1	
1d	corn.drive FAV VS 1S ..	FEUL0510- ...	1	1261–1650	431–3000			1	
2	stay 7 TBT sz 30	707357	1	290– 620					
	stay 7 TBT sz 35 MV	707364		621– 800					
	stay 7 TBT sz 50 MV	707371		801–1030					1
	stay 7 TBT sz 55 MV	707388		1031–1260					1
	stay 7 TBT sz 50 MV	707371		1261–1490					1
	stay 7 TBT sz 55 MV	707388		1491–1650					1
3	linkage S/Z TBT FAV 1V	FZOT0100- ...	1	1261–1650					1
4	additional stay	Ref. PDB, TSZS	1	1261–1650					
5	packer Z	Ref. PDB, FRUP01	1	1261–1650					
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1		
7	sash lift S-ES	Ref. PDB, FMFH	1	290–1650					
8	centre lock sz 50	700969	1	801–1260					1
	centre lock sz 70	700976		1261–1490					1
	centre lock sz 90	700983		1491–1650					1
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1		
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...		290–1260	431– 600	180	1		
9b	gear 15 FAV sz 60	FGMK4020- ...	1		601– 800	300– 400			
	gear 15 FAV sz 80 1V	FGMK4040- ...			801–1200	400– 600			1
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201–1400	600– 700			1
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401–1600	700– 800			2
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601–2000	800–1000			2
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001–2400	1000–1200			3
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401–3000	1200			3
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401–2600				
	linkage FAV sz 400 1V	FZSZ0110- ...			2601–3000				1
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801–3000				
12	handle Globe TBT lockable	Ref.access. ZHGT	1		320–3000				
13a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		320– 800			1	
13b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		801–1200			1	1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201–1600			1	1
	corn.drive BS sz 90 1S 1V ..	FEUL2130- ...			1601–2000			1	1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			2001–3000			1	2
14	MV extension sz 40	700945	1		2401–2600				1
	MV extension sz 60	700952			2601–3000				1
15	tilt lock bear. S-ES FH TBT	Ref. PDB, FRKB							
16	striker plate S-RS	Ref. PDB, TRSK							
17	striker plate S 56	Ref. PDB, TRSM							
on request									
18	location piece ..	702543	1						
19	tilt restrictor ..	805701	1		320– 800				
20	mishandling device FAV.	FFBS0110- ...	1						
21	pressure piece	Ref. PDB, TFFD	1						
22	stop	Ref. PDB, FRZF01	1						
23	snapper rh.	TFST0021- ...	1		1601–3000				
	snapper lh.	TFST0022- ...			1601–3000				

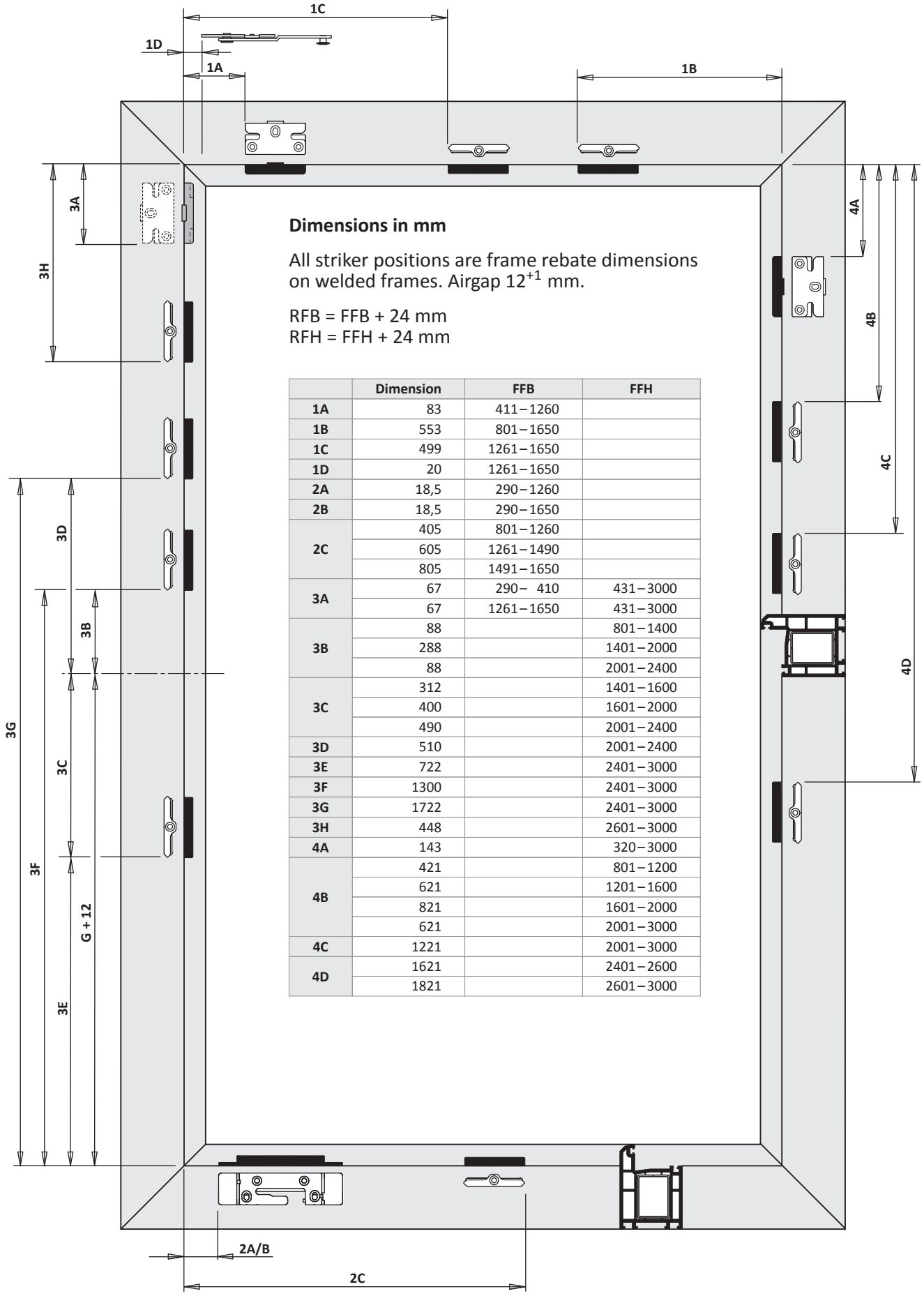
List of fittings

1-sash square tilt before turn (TBT)
PVC GM Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
24	stay hinge	Ref. PDB, FBWB			1	1
25	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
26	top hinge	Ref. PDB, FBSL01			1	
27	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
28	top hinge pin diam.6	FBSB0010-1 ...			1	1
29	top hinge S	Ref. PDB, FBSL02				1
30	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
31	bottom hinge	Ref. PDB, FBEL01			1	
32	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
33	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
34	bottom hinge S	Ref. PDB, FBEL02				1
35	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
36	corner hinge PVC	Ref. PDB, TBEB61			1	
37	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
38	corner hinge PVC130kg	Ref. PDB, TBEB63				1



Dimensions in mm

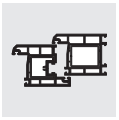
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1260	
1B	553	801–1650	
1C	499	1261–1650	
1D	20	1261–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	801–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
	67	1261–1650	431–3000
3B	88		801–1400
	288		1401–2000
	88		2001–2400
3C	312		1401–1600
	400		1601–2000
	490		2001–2400
3D	510		2001–2400
3E	722		2401–3000
3F	1300		2401–3000
3G	1722		2401–3000
3H	448		2601–3000
4A	143		320–3000
4B	421		801–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4C	1221		2001–3000
4D	1621		2401–2600
	1821		2601–3000

FAVORIT

Installation instructions

3P

1-sash square tilt-turn

PVC

3-Punkt Sicherheit

centre handle pos. (variable)

Hinge side Si-line

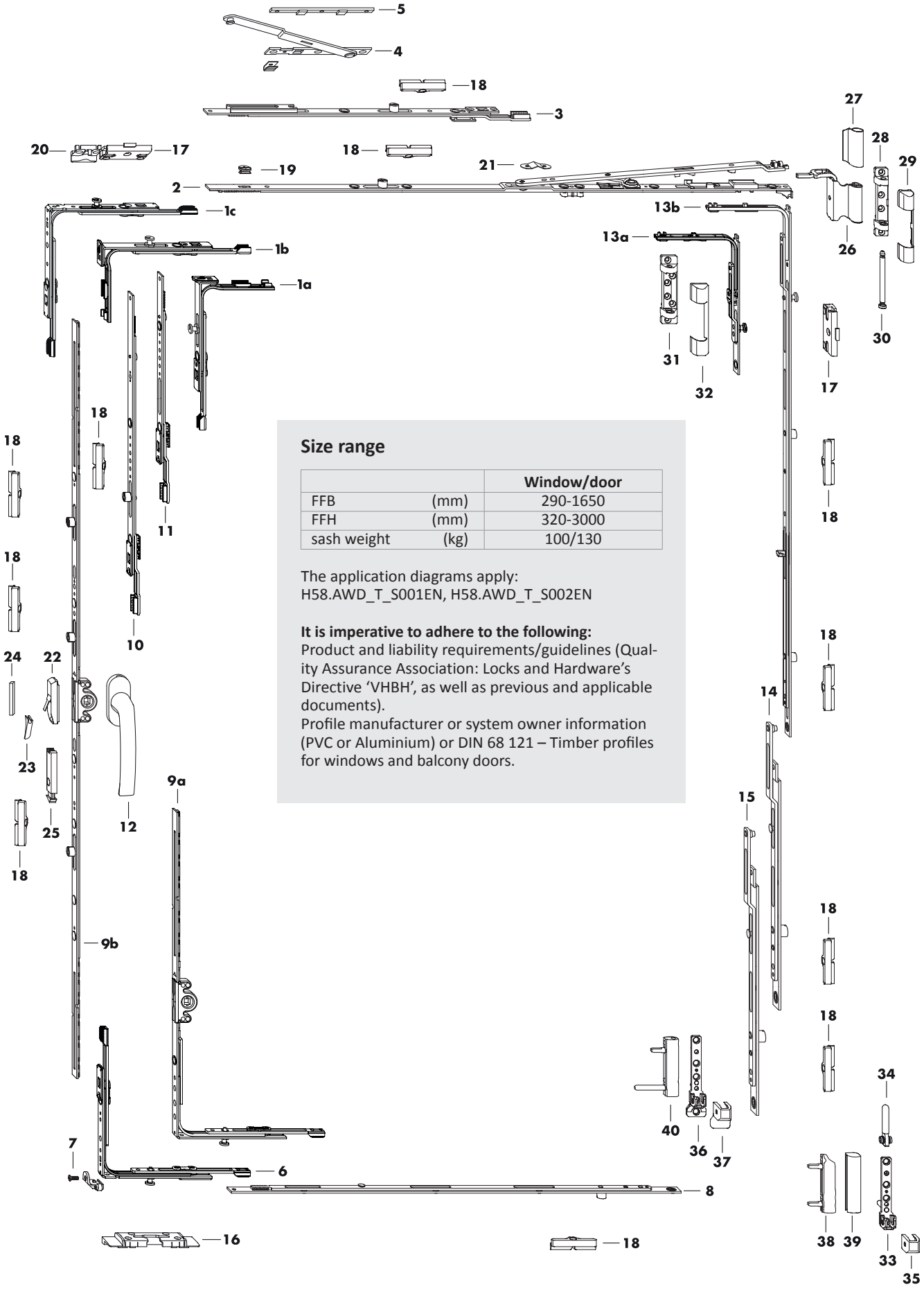
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 700
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive 1S 2V
Hinge side turning points	loose bottom hinge pin

hardware layout

1-sash square tilt-turn
PVC GM Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

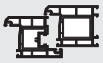
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Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.		
							16	17	18
1a	corn.drive FAV VSO narrow 1S ..	FEUL0530- ...	1	290– 410	411–3000			1	
1b	corn.drive FAV VSO narrow 1S ..	FEUL0530- ...	1	411– 800	320– 410			1	
1c	corn.drive FAV VS 1S ..	FEUL0510- ...	1	411–1650	481–3000			1	
2	stay 7 sz 30	707302	1	290– 620					
	stay 7 sz 35 MV	707319		621– 700					
	stay 7 sz 35 MV	707319		701– 800					1
	stay 7 sz 50 MV	707326		801–1030					1
	stay 7 sz 55 MV	707333		1031–1260					1
	stay 7 sz 50 MV	707326		1261–1490					1
	stay 7 sz 55 MV	707333		1491–1650					1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650					1
4	additional stay	Ref. PDB, TSZS	1	1261–1650					
5	packer Z	Ref. PDB, FRUP01	1	1261–1650					
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1		
7	sash lift S-ES	Ref. PDB, FMFH	1	290–1650					
8	centre lock sz 50	700969	1	701–1260					1
	centre lock sz 70	700976		1261–1490					1
	centre lock sz 90	700983		1491–1650					1
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1		
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...		290–1260	431– 600	180	1		
9b	gear 15 FAV sz 60	FGMK4020- ...	1		601– 700	300– 350			
	gear 15 FAV sz 70 1V	FGMK4030- ...			701– 800	350– 400			1
	gear 15 FAV sz 80 1V	FGMK4040- ...			801–1200	400– 600			1
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201–1400	600– 700			1
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401–1600	700– 800			2
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601–2000	800–1000			2
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001–2400	1000–1200			3
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401–3000	1200			3
10	linkage FAV sz 200 1V	FZSZ0100- ...	1		2401–2600				1
	linkage FAV sz 400 1V	FZSZ0110- ...			2601–3000				1
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801–3000				
12	handle Globe	Ref.access. ZHGS	1		320–3000				
13a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		320– 700			1	
13b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		701–1200			1	1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201–1400			1	1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			1401–3000			1	2
14	MV extension sz 40	700945	1		2001–2200				1
	MV extension sz 60	700952			2201–3000				1
15	MV extension sz 40	700945	1		2401–2600				1
	MV extension sz 60	700952			2601–3000				1
16	tilt lock bear. S-ES FH	Ref. PDB, FRKA							
17	striker plate S-RS	Ref. PDB, TRSK							
18	striker plate S 56	Ref. PDB, TRSM							
on request									
19	location piece ..	702543	1						
20	frame part SP-S	Ref. PDB, FRZL01	1						
21	tilt restrictor ..	805701	1		320– 800				
22	mishandling device FAV.	FFBS0110- ...	1						
23	pressure piece	Ref. PDB, TFFD	1						
24	stop	Ref. PDB, FRZF01	1						
25	snapper rh.	TFST0021- ...	1		1601–3000				
	snapper lh.	TFST0022- ...			1601–3000				

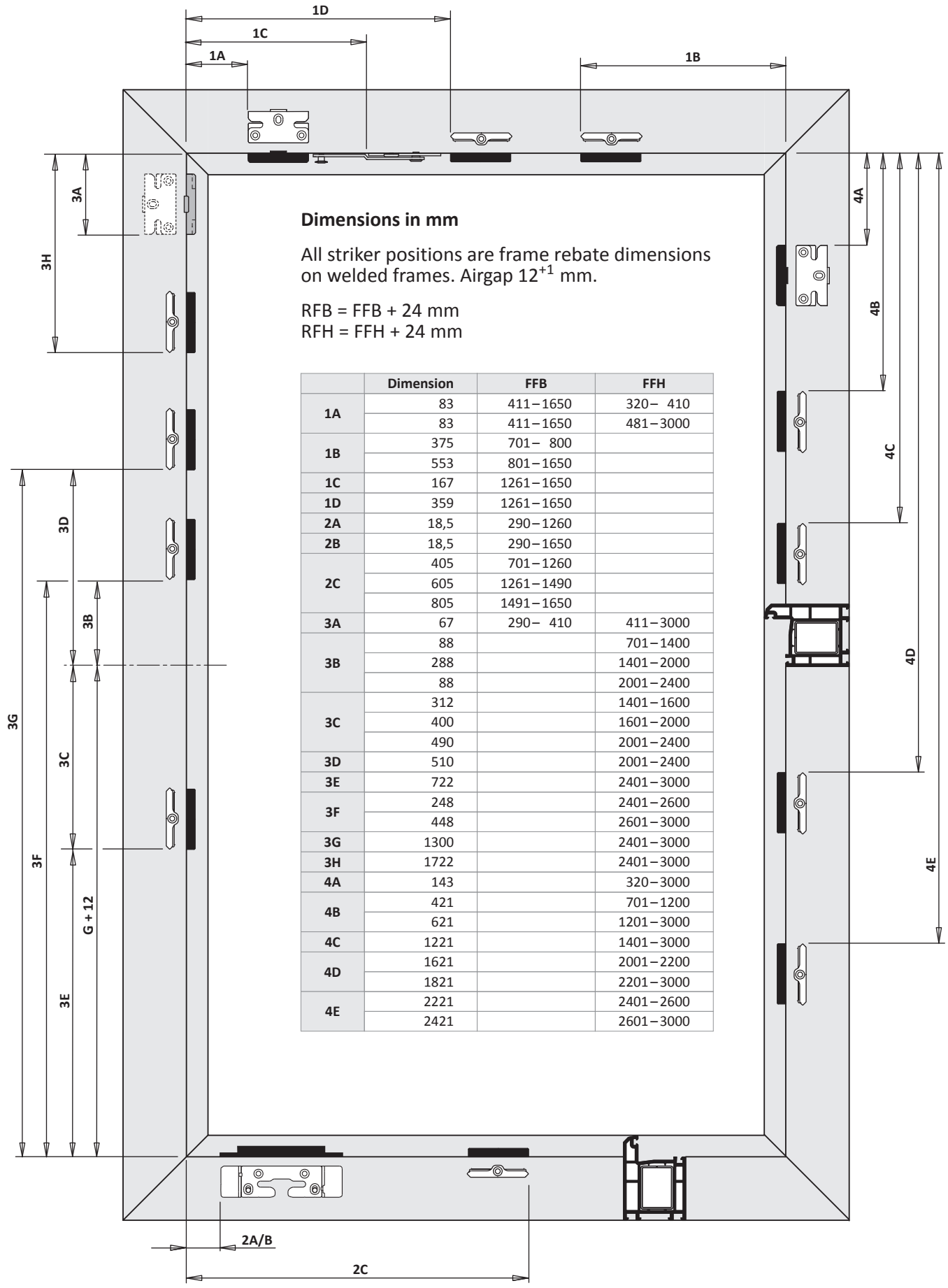
List of fittings

1-sash square tilt-turn
PVC GM Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
26	stay hinge	Ref. PDB, FBWB			1	1
27	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
28	top hinge	Ref. PDB, FBSL01			1	
29	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
30	top hinge pin diam.6	FBSB0010-1 ...			1	1
31	top hinge S	Ref. PDB, FBSL02				1
32	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
33	bottom hinge	Ref. PDB, FBEL01			1	
34	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
35	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
36	bottom hinge S	Ref. PDB, FBEL02				1
37	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
38	corner hinge PVC	Ref. PDB, TBEB61			1	
39	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
40	corner hinge PVC130kg	Ref. PDB, TBEB63				1



Dimensions in mm

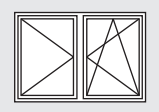
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1650	320– 410
	83	411–1650	481–3000
1B	375	701– 800	
	553	801–1650	
1C	167	1261–1650	
1D	359	1261–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	701–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	411–3000
3B	88		701–1400
	288		1401–2000
	88		2001–2400
3C	312		1401–1600
	400		1601–2000
	490		2001–2400
3D	510		2001–2400
3E	722		2401–3000
3F	248		2401–2600
	448		2601–3000
3G	1300		2401–3000
3H	1722		2401–3000
4A	143		320–3000
4B	421		701–1200
	621		1201–3000
4C	1221		1401–3000
4D	1621		2001–2200
	1821		2201–3000
4E	2221		2401–2600
	2421		2601–3000

FAVORIT

Installation instructions



3P

2-sash square tilt-turn/turn DSG gear

PVC

3-Punkt Sicherheit

centre handle pos. (variable)

Hinge side Si-line

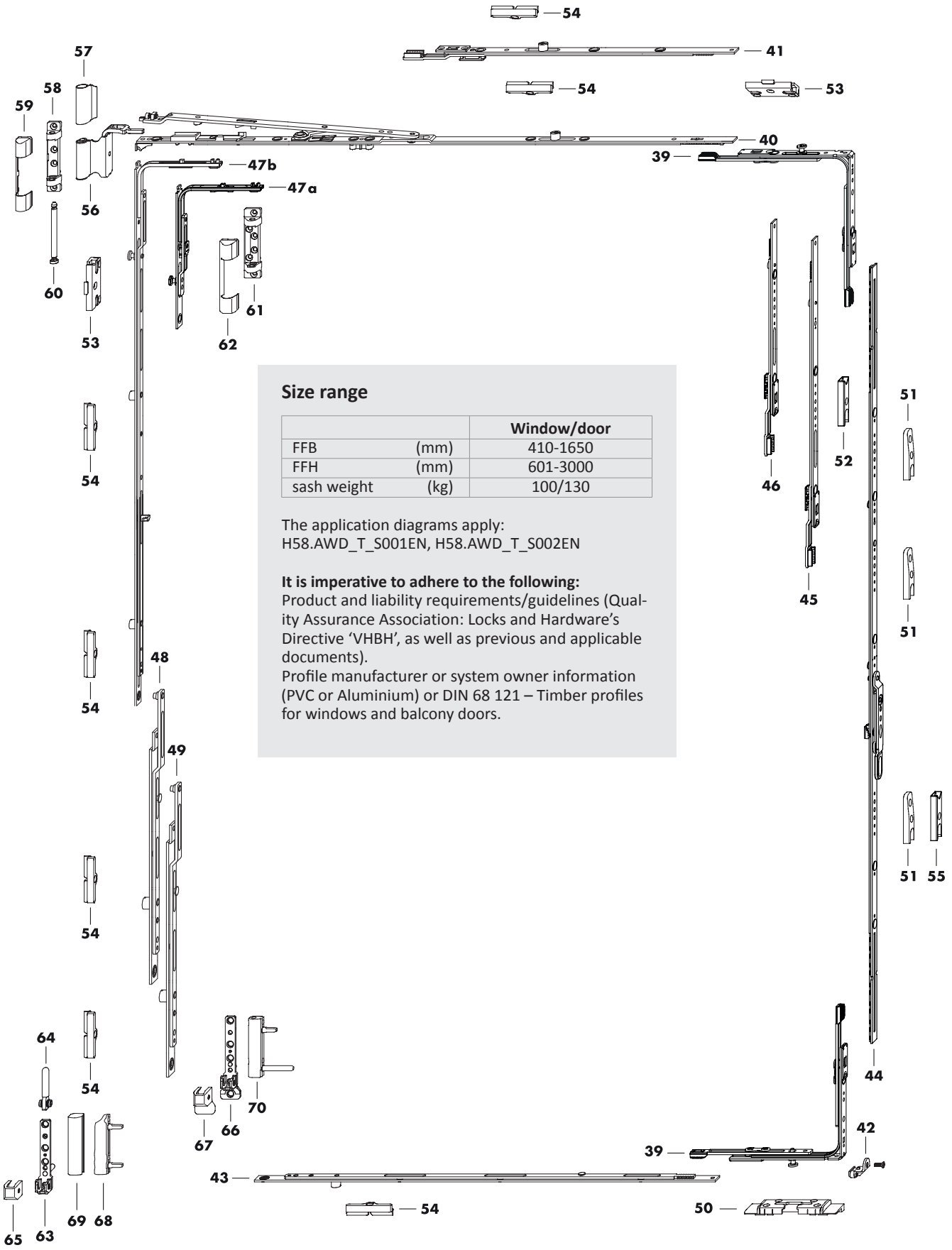
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 700
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive 1S 2V
Hinge side turning points	loose bottom hinge pin

hardware layout slave sash

2-sash square tilt-turn/turn DSG gear
PVC GM Hinge side Si-line

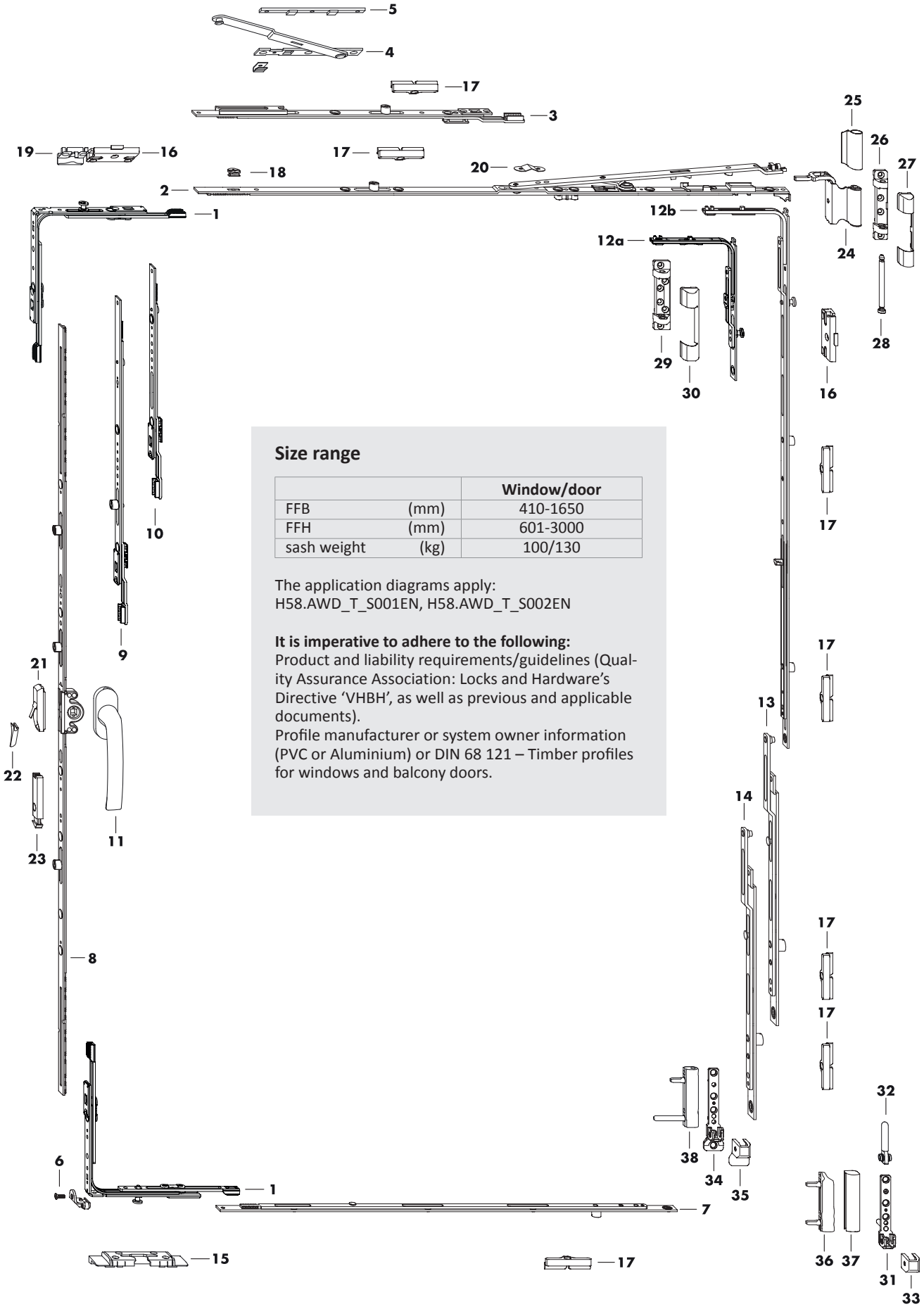


Size range

		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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Size range

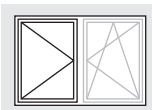
		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

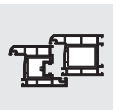
The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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List of fittings slave sash

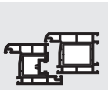
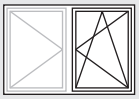
2-sash square tilt-turn/turn DSG gear
PVC GM Hinge side Si-line





Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.				
						In the main sash	50	51	52	53	54
39	corn.drive FAV VS 1S ..	FEUL0510- ...	2	410 – 1650			1			1	
40	stay 7 sz 30	707302	1	410 – 620							
	stay 7 sz 35 MV	707319		621 – 700							
	stay 7 sz 35 MV	707319		701 – 800							1
	stay 7 sz 50 MV	707326		801 – 1030							1
	stay 7 sz 55 MV	707333		1031 – 1260							1
	stay 7 sz 50 MV	707326		1261 – 1490							1
	stay 7 sz 55 MV	707333		1491 – 1650							1
41	linkage sz 460 MV	713266	1	1261 – 1650							1
42	sash lift S-ES	Ref. PDB, FMFH	1	410 – 1650							
43	centre lock sz 50	700969	1	701 – 1260							1
	centre lock sz 70	700976		1261 – 1490							1
	centre lock sz 90	700983		1491 – 1650							1
44	s.sash gear16 FAV 60/300	FGKS4030- ...	1		601 – 700	300 – 350					
	sec.sash gear 16 FAV sz 70 1SB	FGMS4030- ...			701 – 800	350 – 400		1			
	sec.sash gear16 FAV sz .80 1SB	FGMS4040- ...			801 – 1200	400 – 600		1			
	sec.sash gear16 FAV sz 120 1SB	FGMS4050- ...			1201 – 1400	600 – 700		1			
	sec.sash gear16 FAV sz 120 2SB	FGMS4120- ...			1401 – 1600	700 – 800		1			
	sec.sash gear16 FAV sz 160 2SB	FGMS4130- ...			1601 – 2000	800 – 1000		1			
	sec.sash gear16 FAV sz 200 3SB	FGMS4100- ...			2001 – 2400	1000 – 1200		1			
	sec.sash gear16 FAV sz 200 3SB	FGMS4100- ...			2401 – 3000	1200		1			
45	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401 – 2600				1		
	linkage FAV sz 400 A0767	FZSZ0130- ...			2601 – 3000				1		
46	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801 – 3000						
47a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		601 – 700					1	
47b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		701 – 1200					1	1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201 – 1400					1	1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			1401 – 3000					1	2
48	MV extension sz 40	700945	1		2001 – 2200						1
	MV extension sz 60	700952			2201 – 3000						1
49	MV extension sz 40	700945	1		2401 – 2600						1
	MV extension sz 60	700952			2601 – 3000						1
50	tilt lock bear. S-ES FH	Ref. PDB, FRKA									
51	striker plate f. gear MV	Ref. PDB, FRSA02									
52	striker plate 56 A0767	TRSB0020- ...									
53	striker plate S-RS	Ref. PDB, TRSK									
54	striker plate S 56	Ref. PDB, TRSM									
on request											
55	striker plate 56 A0767	TRSB0020- ...	1		1601 – 3000						

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
56	stay hinge	Ref. PDB, FBWB			1	1
57	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
58	top hinge	Ref. PDB, FBSL01			1	
59	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
60	top hinge pin diam.6	FBSB0010-1 ...			1	1
61	top hinge S	Ref. PDB, FBSL02				1
62	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
63	bottom hinge	Ref. PDB, FBEL01			1	
64	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
65	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
66	bottom hinge S	Ref. PDB, FBEL02				1
67	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
68	corner hinge PVC	Ref. PDB, TBEB61			1	
69	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
70	corner hinge PVC130kg	Ref. PDB, TBEB63				1

List of fittings main sash

2-sash square tilt-turn/turn DSG gear
PVC GM Hinge side Si-line

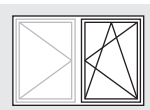
FAVORIT

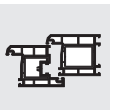
3P

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.		
							15	16	17
1	corn.drive FAV VS 1S ..	FEUL0510- ...	2	410 – 1650			1	1	
2	stay 7 sz 30	707302	1	410 – 620					
	stay 7 sz 35 MV	707319		621 – 700					
	stay 7 sz 35 MV	707319		701 – 800					1
	stay 7 sz 50 MV	707326		801 – 1030					1
	stay 7 sz 55 MV	707333		1031 – 1260					1
	stay 7 sz 50 MV	707326		1261 – 1490					1
	stay 7 sz 55 MV	707333		1491 – 1650					1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261 – 1650					1
4	additional stay	Ref. PDB, TSZS	1	1261 – 1650					
5	packer Z	Ref. PDB, FRUP01	1	1261 – 1650					
6	sash lift S-ES	Ref. PDB, FMFH	1	410 – 1650					
7	centre lock sz 50	700969	1	701 – 1260					1
	centre lock sz 70	700976		1261 – 1490					1
	centre lock sz 90	700983		1491 – 1650					1
8	gear 15 FAV sz 60	FGMK4020- ...	1		601 – 700	300 – 350			
	gear 15 FAV sz 70 1V	FGMK4030- ...			701 – 800	350 – 400			
	gear 15 FAV sz 80 1V	FGMK4040- ...			801 – 1200	400 – 600			
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201 – 1400	600 – 700			
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401 – 1600	700 – 800			
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601 – 2000	800 – 1000			
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001 – 2400	1000 – 1200			
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401 – 3000	1200			
9	linkage FAV sz 200 1V	FZSZ0100- ...	1		2401 – 2600				
	linkage FAV sz 400 1V	FZSZ0110- ...			2601 – 3000				
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801 – 2800				
11	handle Globe	Ref.access. ZHGS	1		601 – 3000				
12a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		601 – 700			1	
12b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		701 – 1200			1	1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201 – 1400			1	1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			1401 – 3000			1	2
13	MV extension sz 40	700945	1		2001 – 2200				1
	MV extension sz 60	700952			2201 – 3000				1
14	MV extension sz 40	700945	1		2401 – 2600				1
	MV extension sz 60	700952			2601 – 3000				1
15	tilt lock bear. S-ES FH	Ref. PDB, FRKA							
16	striker plate S-RS	Ref. PDB, TRSK							
17	striker plate S 56	Ref. PDB, TRSM							
on request									
18	location piece ..	702543	1						
19	frame part SP-S	Ref. PDB, FRZL01	1						
20	tilt restrictor ..	805701	1		601 – 800				
21	mishandling device FAV.	FFBS0110- ...	1		801 – 3000				
22	pressure piece	Ref. PDB, TFFD	1		801 – 3000				
23	snapper rh.	TFST0021- ...	1		1601 – 3000				
	snapper lh.	TFST0022- ...			1601 – 3000				

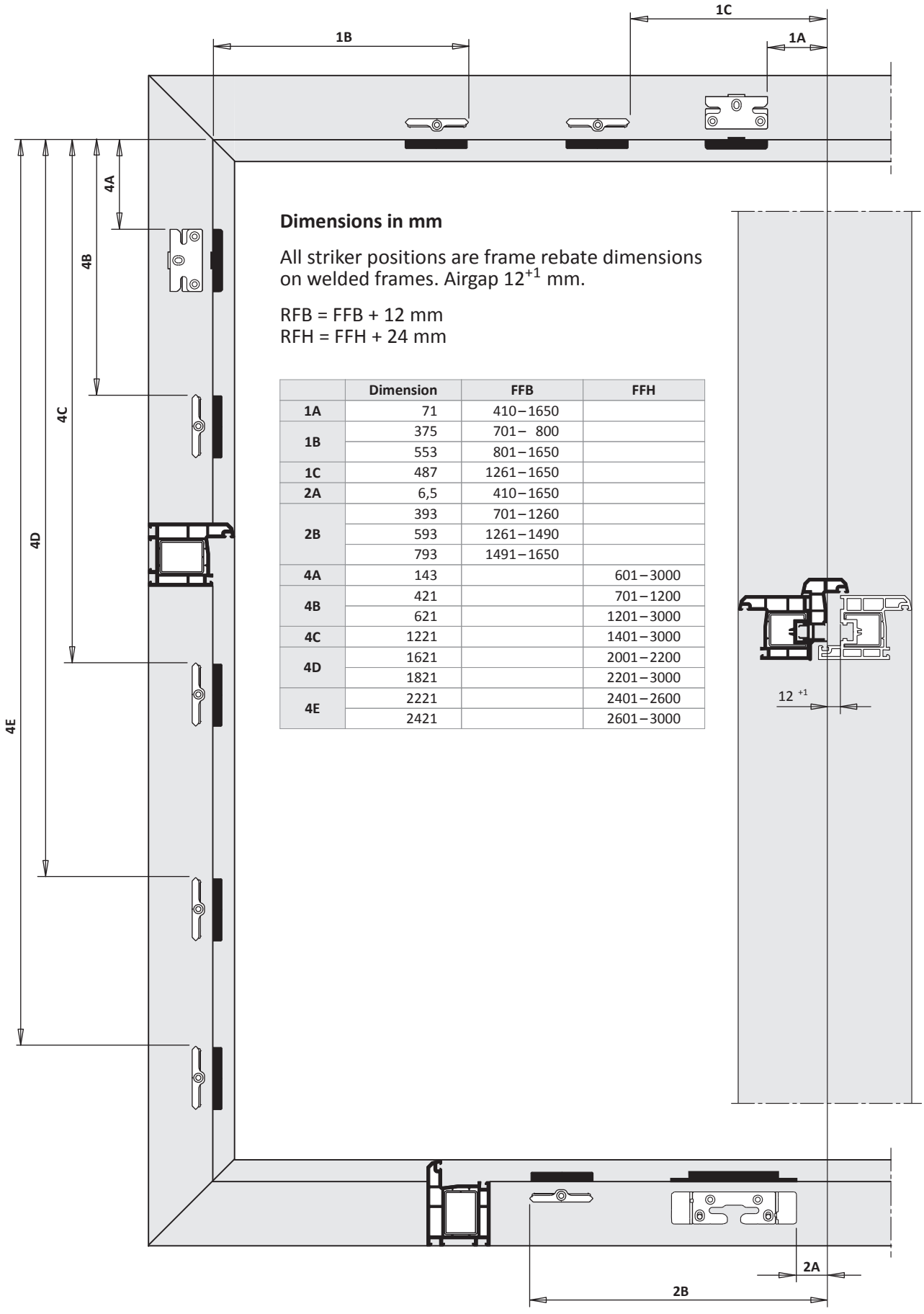
List of fittings main sash

2-sash square tilt-turn/turn DSG gear
PVC GM Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
24	stay hinge	Ref. PDB, FBWB			1	1
25	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
26	top hinge	Ref. PDB, FBSL01			1	
27	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
28	top hinge pin diam.6	FBSB0010-1 ...			1	1
29	top hinge S	Ref. PDB, FBSL02				1
30	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
31	bottom hinge	Ref. PDB, FBEL01			1	
32	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
33	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
34	bottom hinge S	Ref. PDB, FBEL02				1
35	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
36	corner hinge PVC	Ref. PDB, TBEB61			1	
37	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
38	corner hinge PVC130kg	Ref. PDB, TBEB63				1



Dimensions in mm

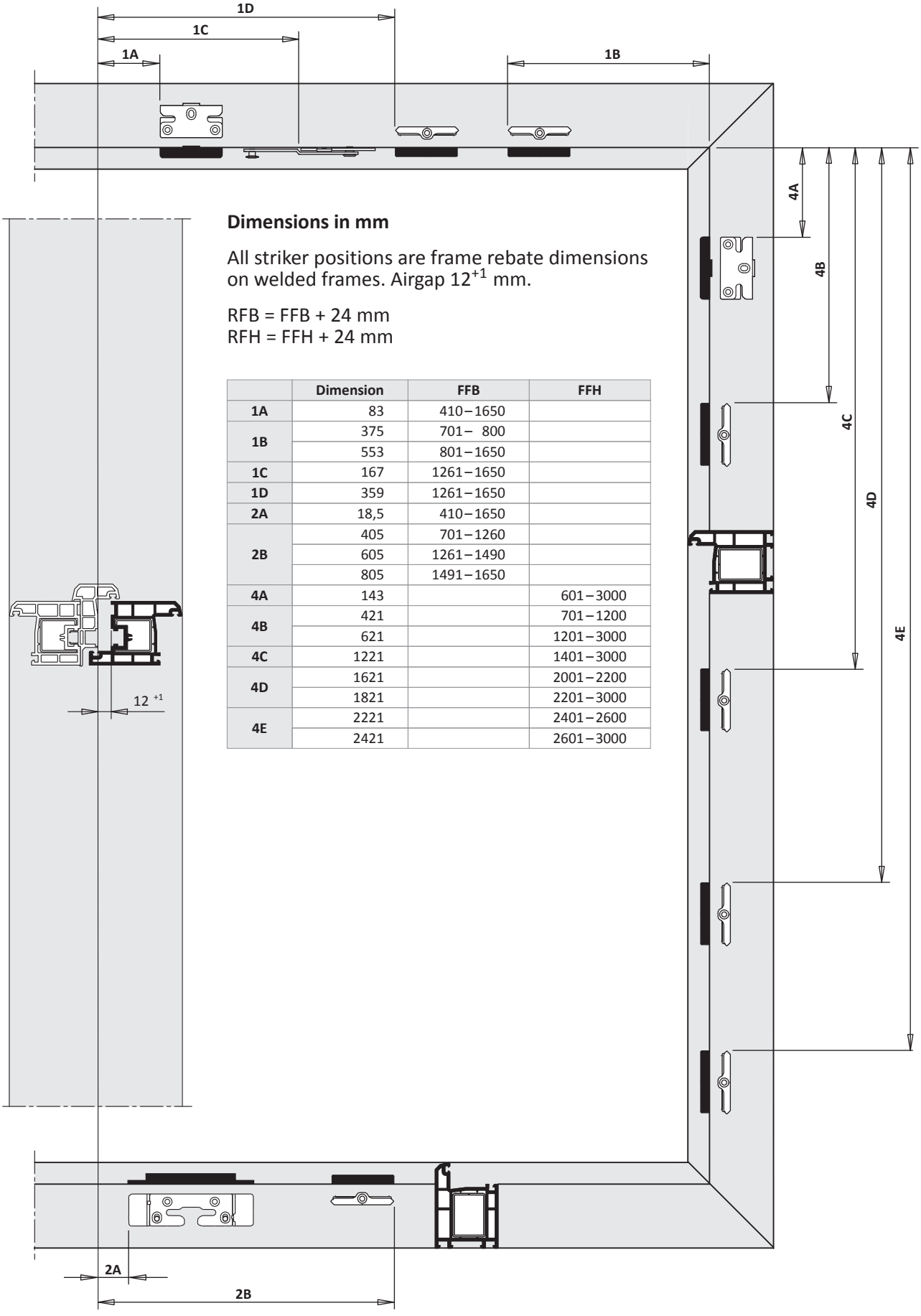
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	71	410–1650	
1B	375	701– 800	
	553	801–1650	
1C	487	1261–1650	
2A	6,5	410–1650	
2B	393	701–1260	
	593	1261–1490	
	793	1491–1650	
4A	143		601–3000
4B	421		701–1200
	621		1201–3000
4C	1221		1401–3000
4D	1621		2001–2200
	1821		2201–3000
4E	2221		2401–2600
	2421		2601–3000

Frame dimensions main sash

2-sash square tilt-turn/turn DSG gear
PVC GM Hinge side Si-line



Dimensions in mm

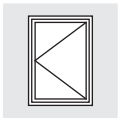
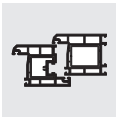
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	410 – 1650	
1B	375	701 – 800	
	553	801 – 1650	
1C	167	1261 – 1650	
1D	359	1261 – 1650	
2A	18,5	410 – 1650	
2B	405	701 – 1260	
	605	1261 – 1490	
	805	1491 – 1650	
4A	143		601 – 3000
4B	421		701 – 1200
	621		1201 – 3000
4C	1221		1401 – 3000
4D	1621		2001 – 2200
	1821		2201 – 3000
4E	2221		2401 – 2600
	2421		2601 – 3000

FAVORIT

Installation instructions

GS

1-sash square turn

PVC

basic security

centre handle pos. (variable)

Hinge side Si-line

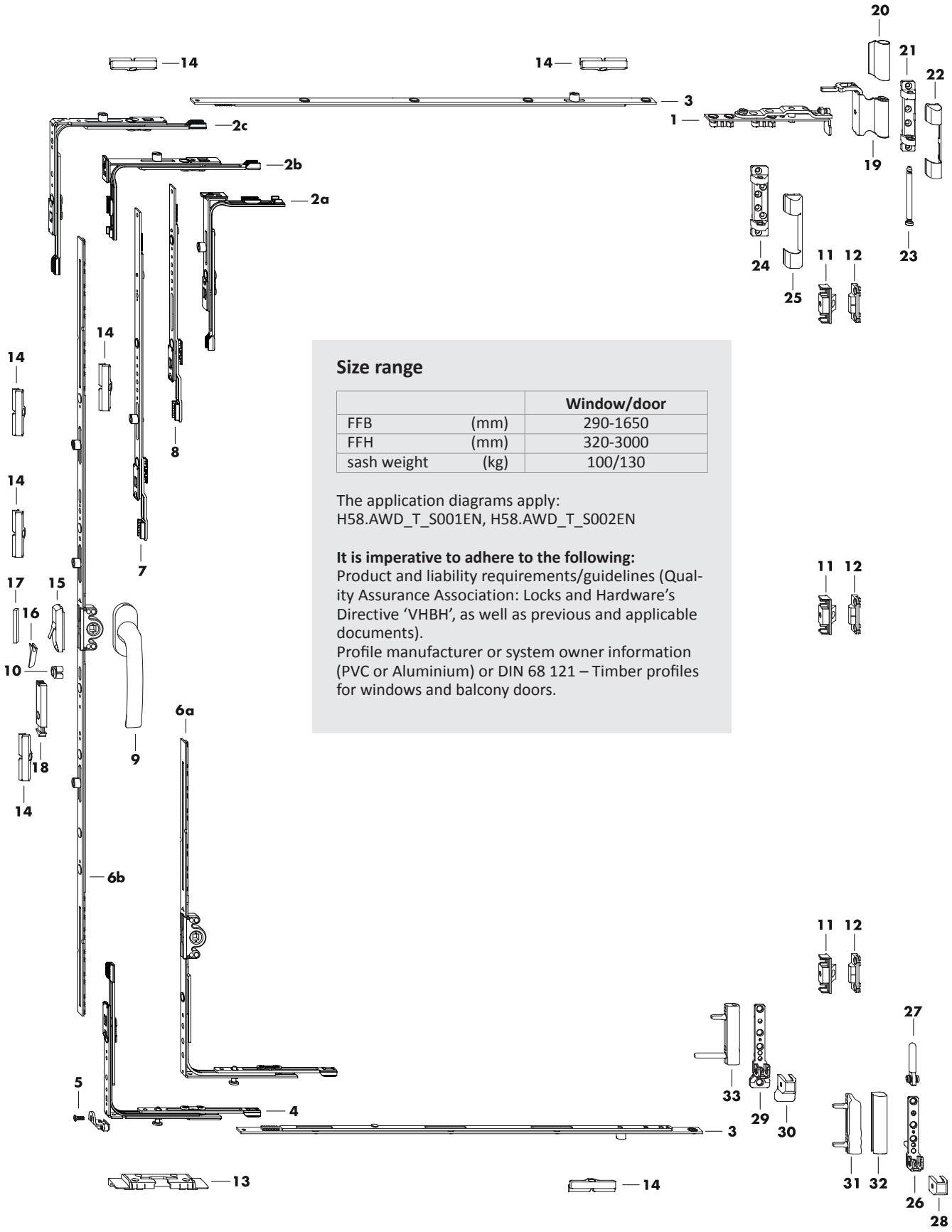
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 800
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side turning points	loose bottom hinge pin

hardware layout

1-sash square turn
PVC GM Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

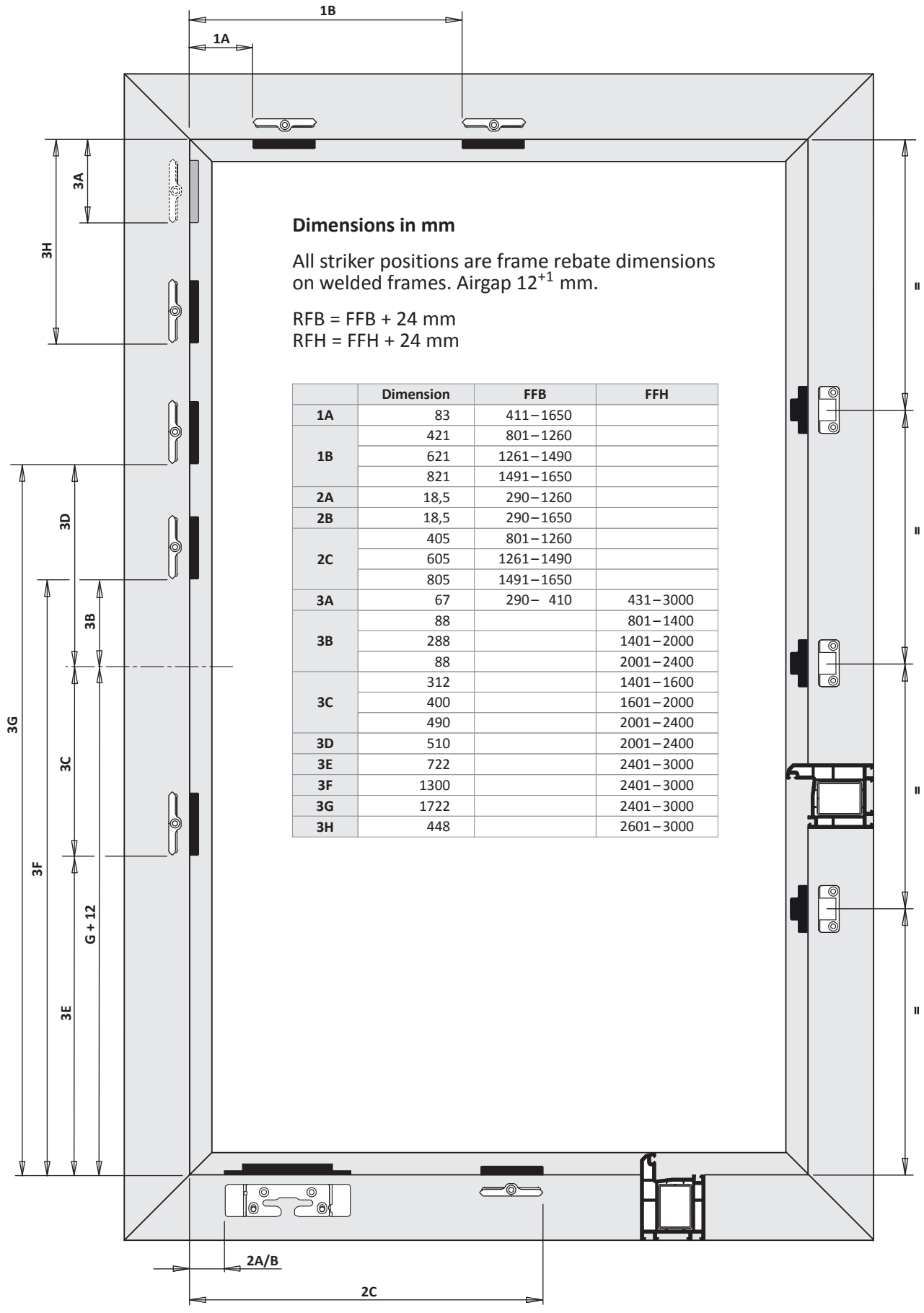
It is imperative to adhere to the following:
Product and liability requirements/guidelines (Quality Assurance Association: Locks and Hardware's Directive 'VHBH', as well as previous and applicable documents).
Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							13	14
1	stay 7 DF	707340	1	290–1650				
2a	corn.drive narrow VSO ..	FEUL0520- ...	1	290– 410	431–3000			1
2b	corn.drive narrow VSO ..	FEUL0520- ...	1	411– 800	320– 430			1
2c	corn.drive VSO ..	FEUL0230- ...	1	411–1650	431–3000			1
3	centre lock sz 50	700969	2	801–1260				2
	centre lock sz 70	700976		1261–1490				2
	centre lock sz 90	700983		1491–1650				2
4	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1	
5	sash lift S-ES	Ref. PDB, FMFH	1	290–1650				
6a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1	
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...		290–1260	431– 600	180	1	
6b	gear 15 FAV sz 60	FGMK4020- ...	1		601– 800	300– 400		
	gear 15 FAV sz 80 1V	FGMK4040- ...			801–1200	400– 600		1
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201–1400	600– 700		1
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401–1600	700– 800		2
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601–2000	800–1000		2
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001–2400	1000–1200		3
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401–3000	1200		3
7	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401–2600			
	linkage FAV sz 400 1V	FZSZ0110- ...			2601–3000			1
8	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601–3000			
9	handle Globe	Ref.access. ZHGS	1		320–3000			
10	travel restrictor	TFHB0010- ...	1		320–3000			
11	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			
12	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			
13	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
14	striker plate S 56	Ref. PDB, TRSM						
on request								
15	mishandling device FAV.	FFBS0110- ...	1					
16	pressure piece	Ref. PDB, TFFD	1					
17	stop	Ref. PDB, FRZF01	1					
18	snapper rh.	TFST0021- ...	1		1601–3000			
	snapper lh.	TFST0022- ...			1601–3000			

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
19	stay hinge	Ref. PDB, FBWB			1	1
20	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
21	top hinge	Ref. PDB, FBSL01			1	
22	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
23	top hinge pin diam.6	FBSB0010-1 ...			1	1
24	top hinge S	Ref. PDB, FBSL02				1
25	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
26	bottom hinge	Ref. PDB, FBEL01			1	
27	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
28	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
29	bottom hinge S	Ref. PDB, FBEL02				1
30	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
31	corner hinge PVC	Ref. PDB, TBEB61			1	
32	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
33	corner hinge PVC130kg	Ref. PDB, TBEB63				1

Frame dimensions

1-sash square turn
PVC GM Hinge side Si-line



Dimensions in mm

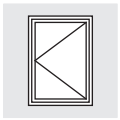
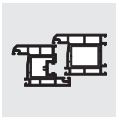
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1650	
1B	421	801–1260	
	621	1261–1490	
	821	1491–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	801–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
3B	88		801–1400
	288		1401–2000
	88		2001–2400
3C	312		1401–1600
	400		1601–2000
	490		2001–2400
3D	510		2001–2400
3E	722		2401–3000
3F	1300		2401–3000
3G	1722		2401–3000
3H	448		2601–3000

FAVORIT

Installation instructions

without security

1-sash square turn

PVC

without security

centre handle pos. (variable)

Hinge side Si-line

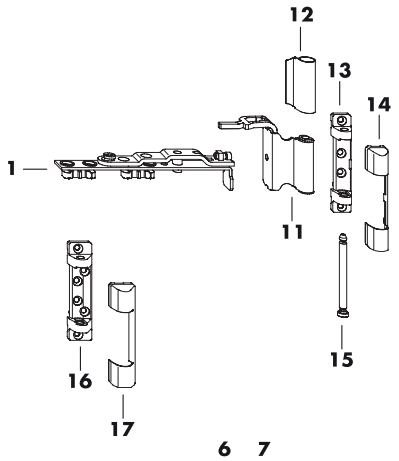
surface TS

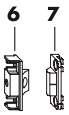
backset 15 mm

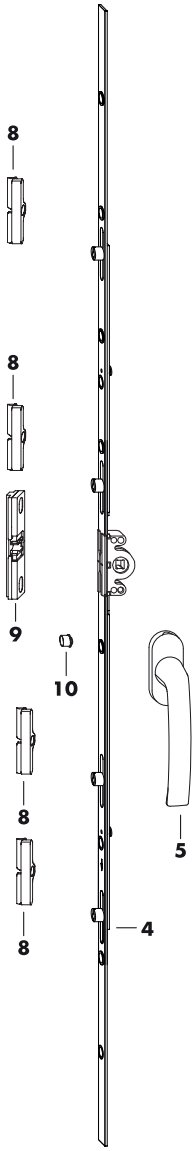
Hardware set configuration	
General	Locking-points distance 800; gear DF
Stay side	one-piece stay
Locking side	mishandl. device on gear
Hinge side turning points	loose bottom hinge pin

hardware layout

1-sash square turn
PVC GM Hinge side Si-line





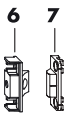


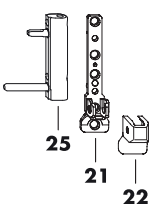
Size range

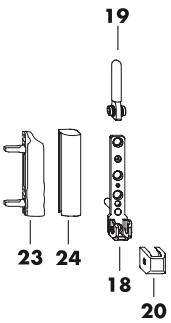
		Window/door
FFB	(mm)	290-800
FFH	(mm)	320-2400
sash weight	(kg)	100/130

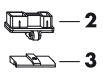
The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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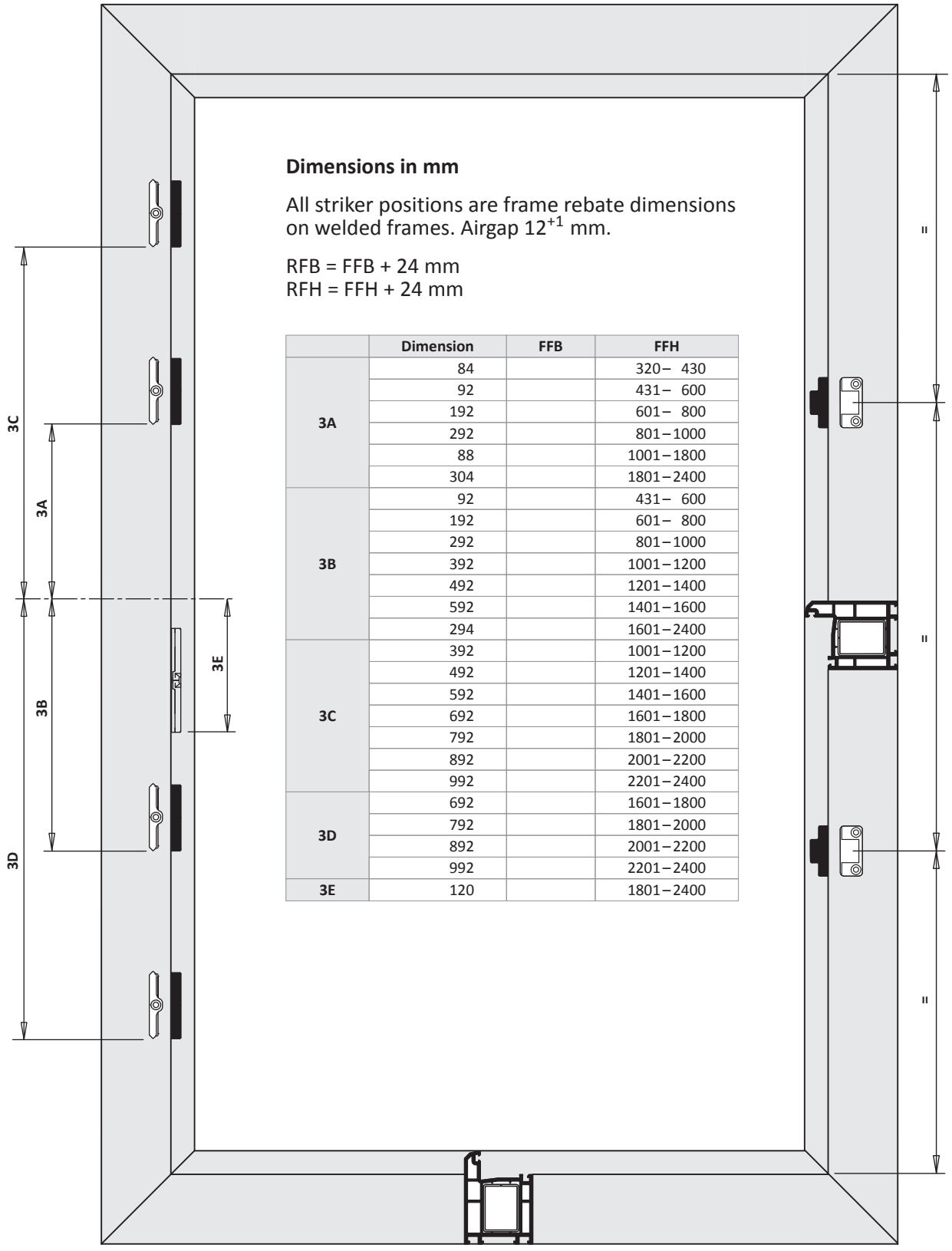


Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.
							8
1	stay 7 DF	707340	1	290– 800			
2	sash lift .. A2000	TFFH0010- ...	1	290– 800			
3	run-up FH/TiP	Ref. PDB, TRAL	1	290– 800			
4	gear 15 FAV/DF sz 20 1V	FGMD4010- ...	1		320– 430	180	1
	gear 15 FAV/DF sz 40 2V	FGMD4020- ...			431– 600	180	2
	gear 15 FAV/DF sz 60 2V	FGMD4030- ...			601– 800	300– 400	2
	gear 15 FAV/DF sz 80 2V	FGMD4040- ...			801–1000	400– 500	2
	gear 15 FAV/DF sz 100 3V	FGMD4050- ...			1001–1200	500– 600	3
	gear 15 FAV/DF sz 120 3V	FGMD4060- ...			1201–1400	600– 700	3
	gear 15 FAV/DF sz 140 3V	FGMD4070- ...			1401–1600	700– 800	3
	gear 15 FAV/DF sz 160 4V	FGMD4080- ...			1601–1800	800– 900	4
	gear 15 FAV/DF sz 180 4V	FGMD4090- ...			1801–2000	900–1000	4
	gear 15 FAV/DF sz 200 4V	FGMD4100- ...			2001–2200	1000–1100	4
	gear 15 FAV/DF sz 220 4V	FGMD4110- ...			2201–2400	1100–1200	4
5	handle Globe	Ref.access. ZHGS	1		320–2400		
6	sash part MV	Ref. PDB, ZFMV01	1		801–1600		
	sash part MV	Ref. PDB, ZFMV01	2		1601–2400		
7	frame part MV	Ref. PDB, ZRZM01	1		801–1600		
	frame part MV	Ref. PDB, ZRZM01	2		1601–2400		
8	striker plate S 56	Ref. PDB, TRSM					
on request							
9	snapper	Ref. PDB, FRZB	1		1801–2400		
10	sleeve	Ref. PDB, FFHU	1		1801–2400		

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
11	stay hinge	Ref. PDB, FBWB			1	1
12	cover cap W PVC		FKWB0010-004 ...	FKWB0050-012 ...	1	1
13	top hinge	Ref. PDB, FBSL01			1	
14	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	
15	top hinge pin diam.6	FBSB0010-1 ...			1	1
16	top hinge S	Ref. PDB, FBSL02				1
17	cover cap S PVC-S		FKSL0020-004 ...	FKSL0020-012 ...		1
18	bottom hinge	Ref. PDB, FBEL01			1	
19	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
20	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
21	bottom hinge S	Ref. PDB, FBEL02				1
22	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
23	corner hinge PVC	Ref. PDB, TBEB61			1	
24	cover cap EB		TKEB0020-004 ...	TKEB0020-012 ...	1	1
25	corner hinge PVC130kg	Ref. PDB, TBEB63				1

Frame dimensions

1-sash square turn
PVC GM Hinge side Si-line



Dimensions in mm

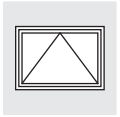
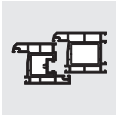
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
3A	84		320– 430
	92		431– 600
	192		601– 800
	292		801–1000
	88		1001–1800
	304		1801–2400
3B	92		431– 600
	192		601– 800
	292		801–1000
	392		1001–1200
	492		1201–1400
	592		1401–1600
	294		1601–2400
3C	392		1001–1200
	492		1201–1400
	592		1401–1600
	692		1601–1800
	792		1801–2000
	892		2001–2200
	992		2201–2400
3D	692		1601–1800
	792		1801–2000
	892		2001–2200
	992		2201–2400
3E	120		1801–2400

FAVORIT

Installation instructions

GS

1-sash square tilt

PVC

basic security

centre handle pos. (variable)

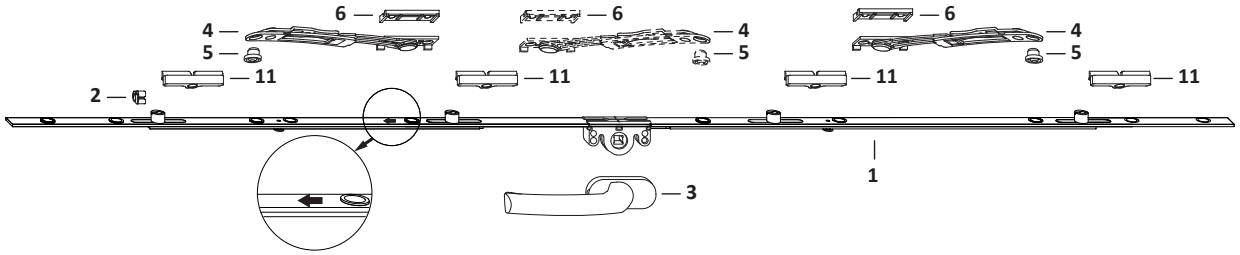
hinge side Si-line

surface TS

backset 15 mm

hardware layout

1-sash square tilt
PVC GM hinge side Si-line



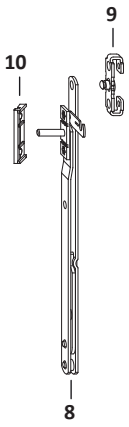
Size range

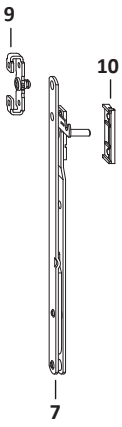
		Window
FFB	(mm)	528 – 2400
FFH	(mm)	350 – 800
sash weight	(kg)	50

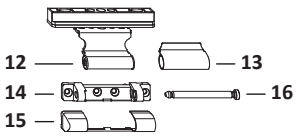
Please strictly adhere to the following application diagram: H58.AWD_T_S030EN

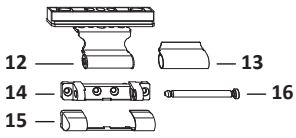
It is imperative to adhere to the following:
Product and liability requirements/guidelines (Quality Assurance Association: Locks and Hardware's Directive 'VHBH', as well as previous and applicable documents).

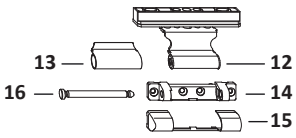
Profile manufacturer or system owner information PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.

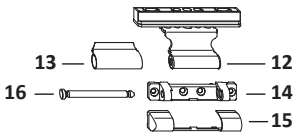










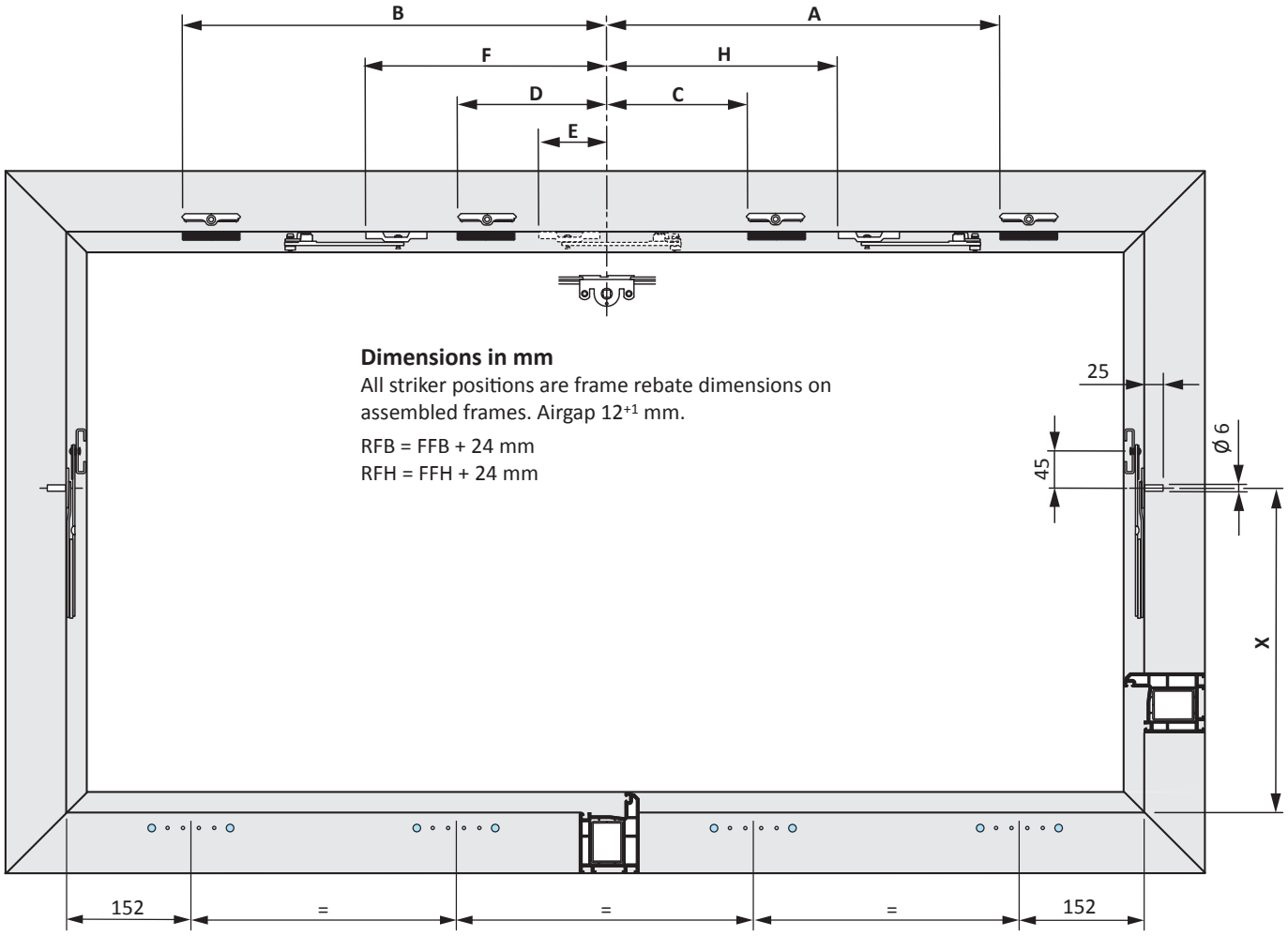


Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts Pos. 11
1	gear 15 FAV/DF sz 40 2V	FGMD4020–...	1	528 – 600		215 – 300	2
	gear 15 FAV/DF sz 60 2V	FGMD4030–...		601 – 800		300 – 400	2
	gear 15 FAV/DF sz 80 2V	FGMD4040–...		801 – 1000		400 – 500	2
	gear 15 FAV/DF sz 100 3V	FGMD4050–...		1001 – 1200		500 – 600	3
	gear 15 FAV/DF sz 120 3V	FGMD4060–...		1201 – 1400		600 – 700	3
	gear 15 FAV/DF sz 140 3V	FGMD4070–...		1401 – 1600		700 – 800	3
	gear 15 FAV/DF sz 160 4V	FGMD4080–...		1601 – 1800		800 – 900	3
	gear 15 FAV/DF sz 180 4V	FGMD4090–...		1801 – 2000		900 – 1000	3
	gear 15 FAV/DF sz 200 4V	FGMD4100–...		2001 – 2200		1000 – 1100	4
	gear 15 FAV/DF sz 220 4V	FGMD4110–...		2201 – 2400		1100 – 1200	4
2	travel restrictor	TFHB0010-...	1	528 – 2400			
3	handle GLOBE	Ref.access., ZHGS	1	528 – 2400			
4	telescopic tilt only stay	TSKF0020–...	1	528 – 1000			
			2	1001 – 2400			
5	lock.bolt f.rais.ring facepl.	TFZB0050–...	1	528 – 1000			
			2	1001 – 2400			
6	packer RB/FPS A....	s. PDB, FRUP02	1	528 – 1000			
			2	1001 – 2400			
7	tilt only safety stay 25 sz.1 rh	ASFP0031–...	1		350 – 500		
	tilt only safety stay 25 sz.2 rh	ASFP0041–...			501 – 800		
8	tilt only safety stay 25 sz.1 lh	ASFP0032–...	1		350 – 500		
	tilt only safety stay 25 sz.2 lh	ASFP0042–...			501 – 800		
9	fixing claw UGRP	ZFFP0010–...	2		350 – 800		
10	packer RB/FPS A....	Ref. PDB, FRUP02	2		350 – 800		
11	striker plate 56 A....	Ref. PDB, TRSM					

Hinge side turning points							
Pos.	Description	Part number			QTY - FFB		
		surface TS	RAL9016	RAL8022	528 – 800	801 – 1800	1801 – 2400
12	tilt sash hinge KF	Ref. PDB, FBKF			2	3	4
13	cover cap W KF		FKWB0010– 004...	FKWB0010– 012...	2	3	4
14	top hinge DH KF	Ref. PDB, FBSL01			2	3	4
15	cover cap S		FKSL0010– 004...	FKSL0010– 012...	2	3	4
16	top hinge pin Ø6	FBSB0010– 1...			2	3	4

Frame dimensions

1-sash square tilt
PVC GM hinge side Si-line



	Dimension	FFB
A	93	528 – 600
	193	601 – 800
	293	801 – 1000
	393	1001 – 1200
	493	1201 – 1400
	593	1401 – 1600
	693	1601 – 1800
	793	1801 – 2000
	893	2001 – 2200
	993	2201 – 2400
B	91	528 – 600
	191	601 – 800
	291	801 – 1000
	391	1001 – 1200
	491	1201 – 1400
	591	1401 – 1600
	691	1601 – 1800
	791	1801 – 2000
	891	2001 – 2200
	991	2201 – 2400
C	88	1001 – 2000
	305	2001 – 2400
D	291	2001 – 2400

	Dimension	FFB	FFH
E	264	528 – 600	
	0	601 – 800	
	202	801 – 1000	
F	172	1001 – 1200	
	235	1201 – 1400	
	424	1401 – 1600	
	424	1601 – 1800	
	571	1801 – 2000	
	654	2001 – 2200	
	707	2201 – 2400	
H	191	1001 – 1400	
	389	1401 – 1600	
	492	1601 – 1800	
	440	1801 – 2000	
	590	2001 – 2200	
	689	2201 – 2400	
X	230		350 – 500
	370		501 – 800

Profile cross-sections

Profile cross-sections 12 mm timber	H45.TITPH20S003EN	4 - 3
Profile cross-sections PVC	H45.TITPKF0S001EN	4 - 5

Intended use

Intended use, axxent 24+	H45.TITA000S007EN	4 - 6

Application diagram

Application diagram 80 kg	H58.AWD_T_S031EN	4 - 7
Application diagram 100 kg	H58.AWD_T_S026EN	4 - 8
Application diagram 130 kg	H58.AWD_T_S027EN	4 - 9
Application diagram 150 kg	H58.AWD_T_S028EN	4 - 10
Application diagram tilt sash 80 kg	H58.AWD_T_S032EN	4 - 11

Hinging / Unhinging the sash

Safety notice axxent 24+	H45.TIT0000S008EN	4 - 12
Hinging / Unhinging the sash (15° opening position of the sash)	H45.TIT0000S004EN	4 - 13
Hinging / Unhinging the sash (Sash in tilted position parallel to the frame)	H45.TIT0000S005EN	4 - 17
Hinging / Unhinging the sash TBT (15° opening position of the sash)	H45.TIT0000S007EN	4 - 21
Hinging / Unhinging the sash Turn only sash stay	H45.TIT0000S006EN	4 - 23

Installation instructions:

Vertical tilt point

1-sash square tilt-turn	H48.FAVKFM0S503EN	4 - 25

Horizontal tilt point - basic security

1-sash square tilt-turn	H48.FAVKFM0S608EN	4 - 29

Horizontal tilt point - 3-point security

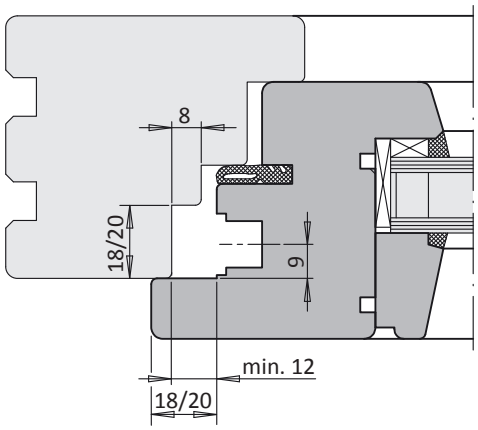
1-sash square tilt-turn	H48.FAVKFM3PS603EN	4 - 33

Eurogroove 18/8 and 20/8

Airgap: min. 12 mm circumferential

Rebate width: 18/20 mm

Groove axis: 9 mm

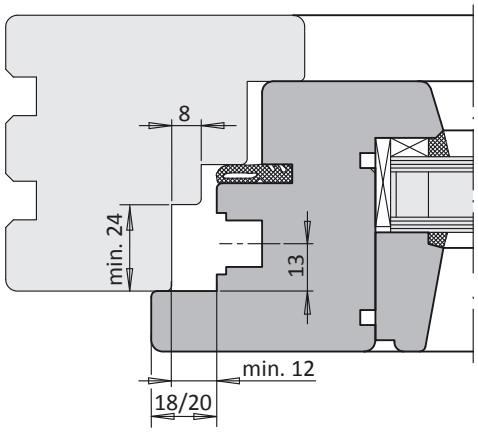


Eurogroove 24/8

Airgap: min. 12mm circumferential

Rebate width: 18/20 mm

Groove axis: 13 mm

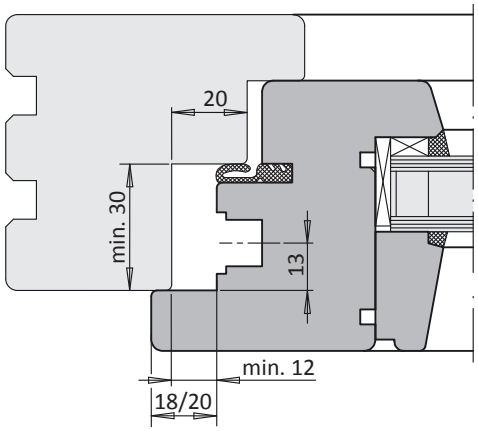


Eurogroove 30/20

Airgap: min. 12 mm circumferential

Rebate width: 18/20 mm

Groove axis: 13 mm

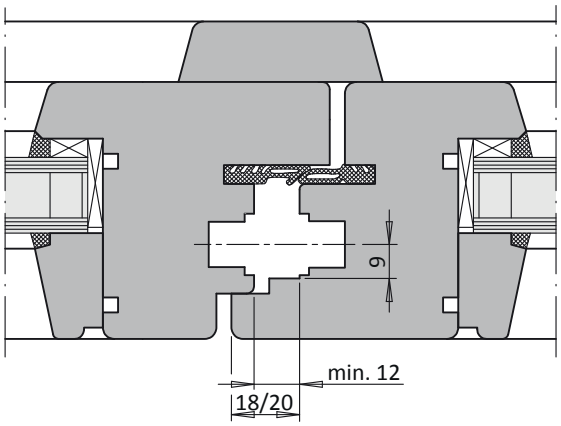


Secondary sash with opposed fitting groove (DS 16)

Airgap: min. 12 mm circumferential

Rebate width: 18/20 mm

Groove axis: 9 mm

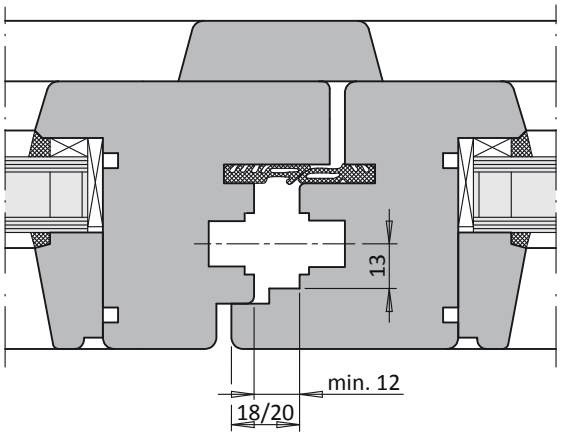


Secondary sash with opposed fitting groove (DS 16)

Airgap: min. 12mm circumferential

Rebate width: 18/20 mm

Groove axis: 13 mm



Note:

For profile-related specifications please refer to the SIEGENIA profile datasheets.

Attention:

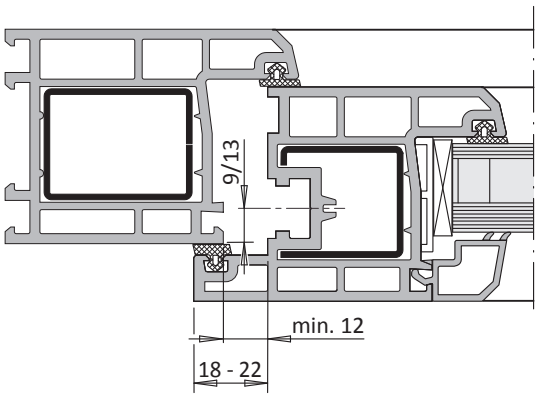
The specifications of DIN 68 121 (timber profiles for windows and portal windows) apply to SIEGENIA fittings.

1-sash design

Cavity: min. 12 mm

Rebate width: 18 to 22 mm

Groove axis: 9/13 mm

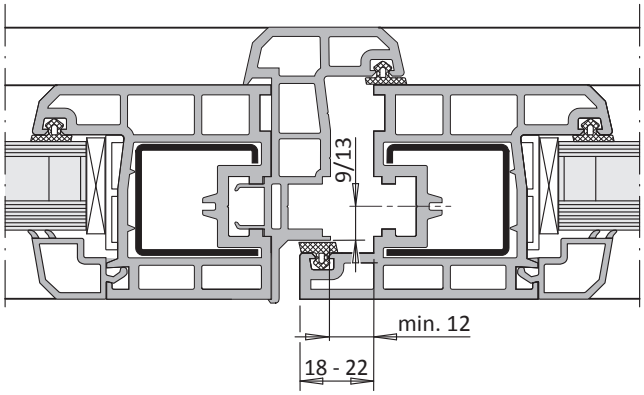


Secondary sash with opposed fitting groove (DS 16)

Cavity: min. 12 mm

Rebate width: 18 to 22 mm

Groove axis: 9/13 mm

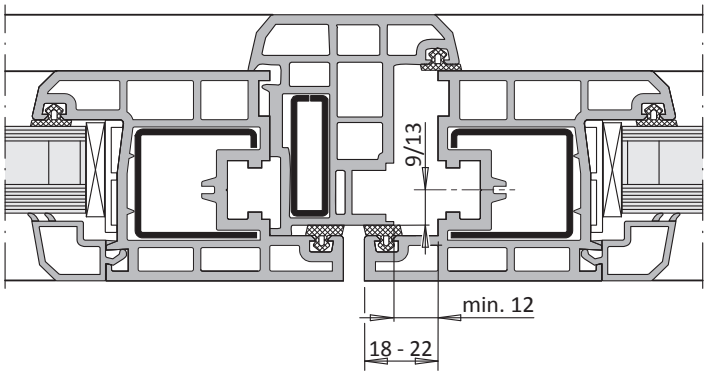


Secondary sash with opposed fitting groove (DS 16)

Cavity: min. 12 mm

Rebate width: 18 to 22 mm

Groove axis: 9/13 mm



Note:

For profile-related specifications please refer to the SIEGENIA profile datasheets.

Caution:

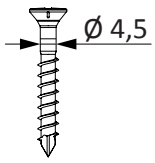
The size ranges stated on the set sides apply to SIEGENIA fittings. In addition, the specifications of the profile fabricators or system owners also apply, especially in regard to possible restrictions on sash dimensions, sash weight and lock spacing.

Important instructions for fabricators

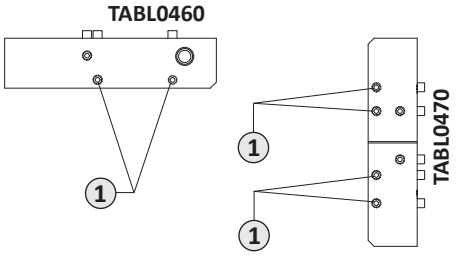
Mounting the hardware components

Bottom hinge and stay arm:

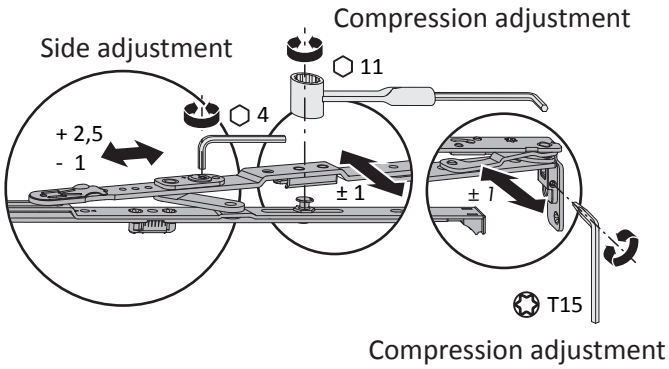
A special screw with a shank diameter of 4.5mm must be used to fix thecomponent!



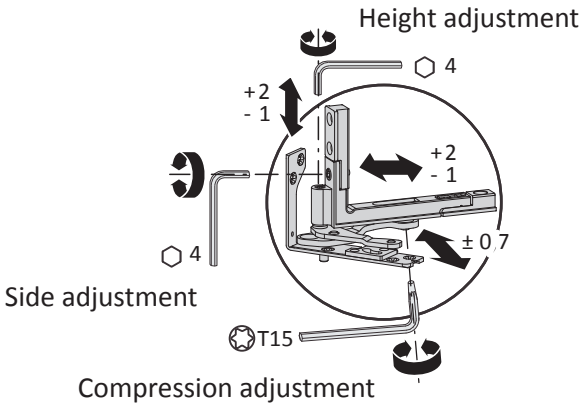
For sufficient fastening according to TBDK the designated screws (1) must be screwed in to the steel reinforcement for PVC profiles.

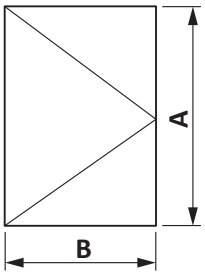


Adjusting the stay



Adjusting the bottom and corner hinge





- for the middle sash (in triple sash elements)
- inward opening elements only

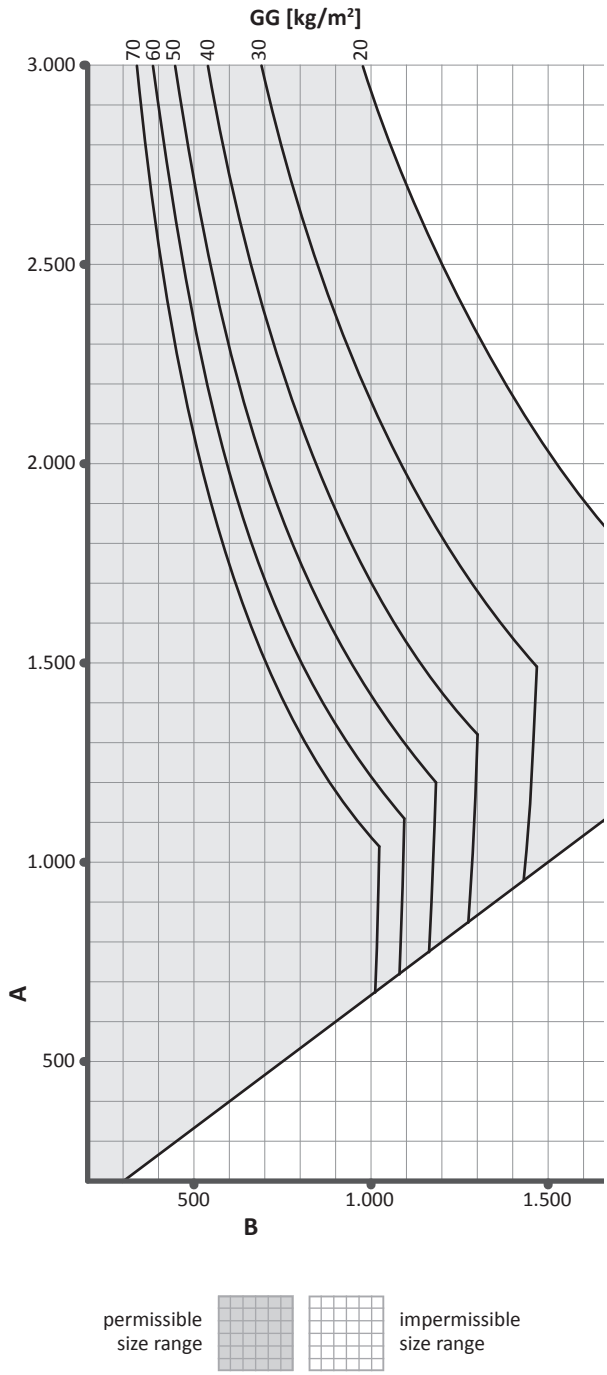
A = FFH (sash rebate height [mm])
B = FFB (sash rebate width [mm])
GG = glass weight [kg/m²]

basis for testing and calculation

- turn-only test according to QM 328
  System 2 - Figure A:
  - turn-only cycles: 25,000
- additional loads taken into account
  according to EN 14608 (figure A.1)/class 4
  according to EN 13115 (800N).

Conditions for the use of the application diagram

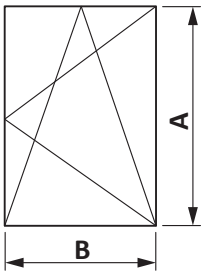
- Evidence for fixing structural components
  onto the window system by a window manufacturer
  according to TBDK with the following forces:
  - on the top hinge (N): 2,200
  - on the bottom hinge (N): 2,310
- The following values are to be observed with
  all window systems:
  - max. width/height ratio $Q_{B/H}$: ≤ 1.5
  - glass deduction dimension CG (mm): ≥ 28
  - profile weight PG (kg/m): ≤ 3.25
- Notes on the intended use:
  Basics and use of the application diagrams
  "Download"



application diagram

hinge side: axxent 24+

≤100



- inward opening elements only
  A = FFH (sash rebate height [mm])
  B = FFB (sash rebate width [mm])
  GG = glass weight [kg/m²]

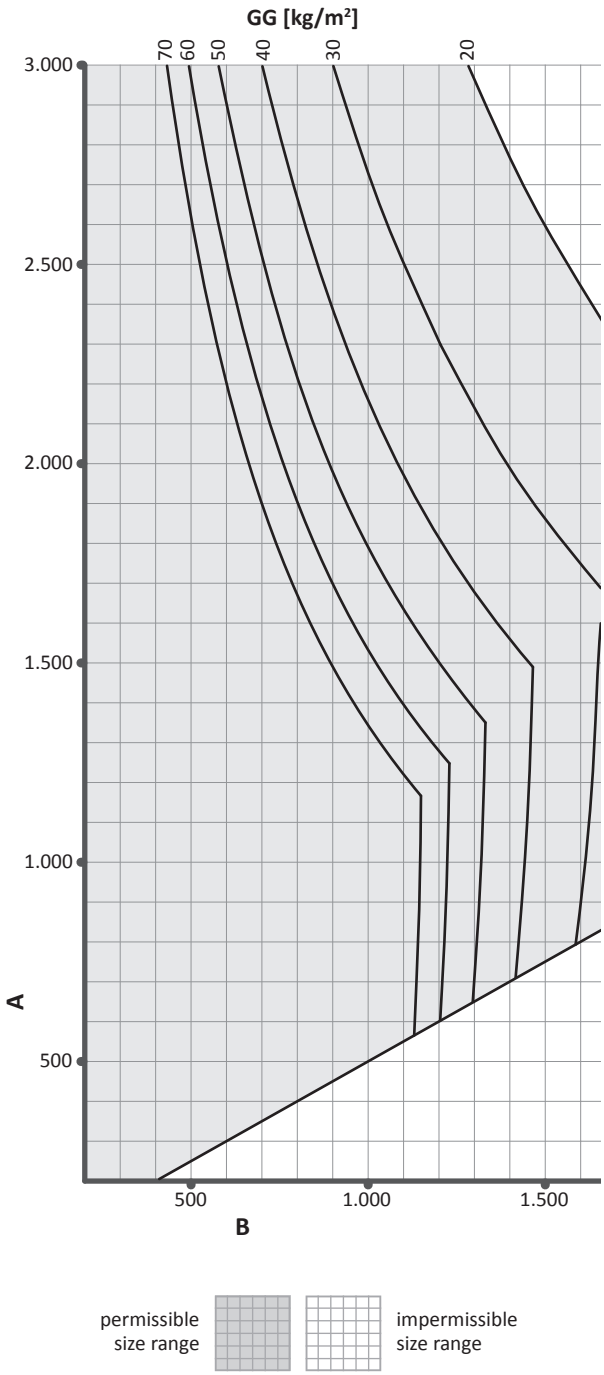
4

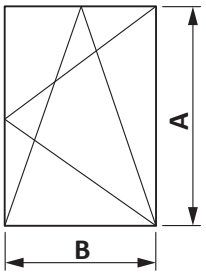
basis for testing and calculation

- Tilt-turn test according to QM 328
  System 2 - Figure A:
  - turn-only cycles: 10,000
  - tilt-turn cycles: 15,000
- additional loads taken into account
  according to EN 14608 (figure A.1)/class 4
  according to EN 13115 (800N).

Conditions for the use of the application diagram

- Evidence for fixing structural components
  onto the window system by a window manufacturer
  according to TBDK with the following forces:
  - on the top hinge (N): 2,710
  - on the bottom hinge (N): 2,890
- The following values are to be observed with
  all window systems:
  - max. width/height ratio $Q_{B/H}$: ≤ 2.0
  - glass deduction dimension CG (mm): ≥ 28
  - profile weight PG (kg/m): ≤ 3.25
- Notes on the intended use:
  Basics and use of the application diagrams
  "Download"





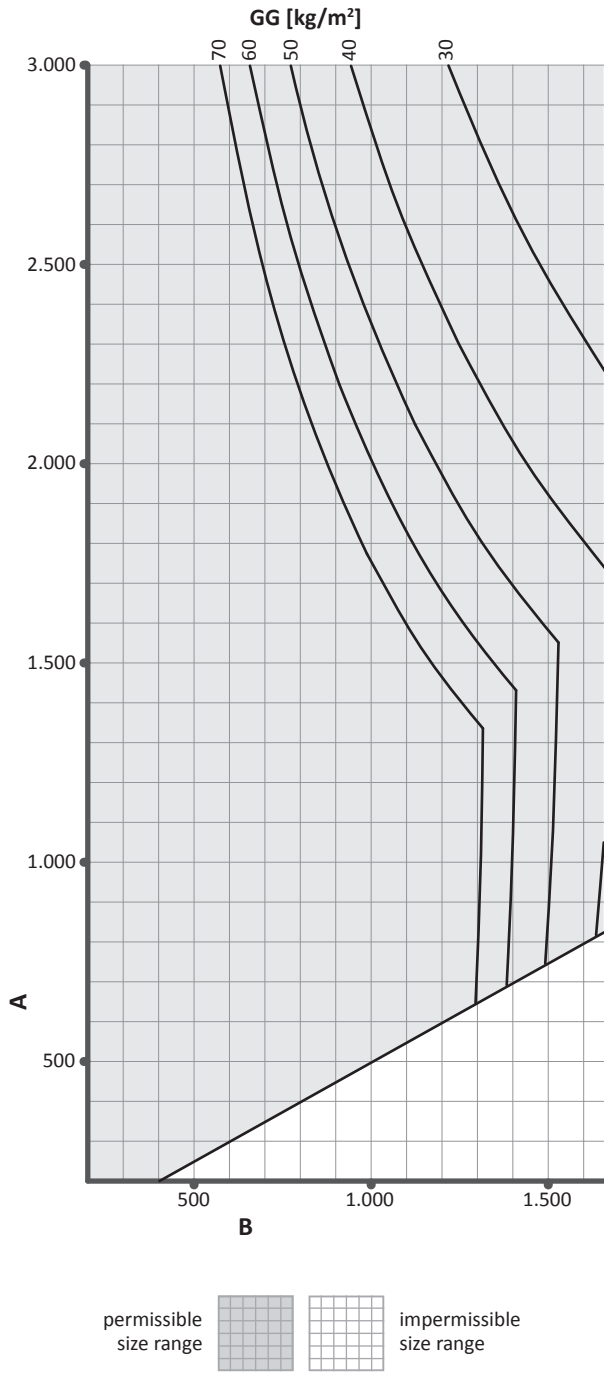
- inward opening elements only
  A = FFH (sash rebate height [mm])
  B = FFB (sash rebate width [mm])
  GG = glass weight [kg/m²]

basis for testing and calculation

- Tilt-turn test according to QM 328
  System 2 - Figure A:
  - turn-only cycles: 10,000
  - tilt-turn cycles: 15,000
- additional loads taken into account
  according to EN 14608 (figure A.1)/class 4
  according to EN 13115 (800N).

Conditions for the use of the application diagram

- Evidence for fixing structural components
  onto the window system by a window manufacturer
  according to TBDK with the following forces:
  - on the top hinge (N): 3,525
  - on the bottom hinge (N): 3,760
- The following values are to be observed with
  all window systems:
  - max. width/height ratio $Q_{B/H}$: ≤ 2.0
  - glass deduction dimension CG (mm): ≥ 28
  - profile weight PG (kg/m): ≤ 3.25
- Notes on the intended use:
  Basics and use of the application diagrams
  "Download"

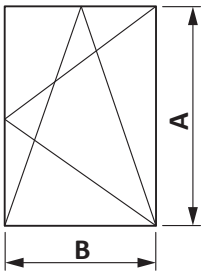


4

application diagram

hinge side: axxent 24+

≤150



- inward opening elements only
  A = FFH (sash rebate height [mm])
  B = FFB (sash rebate width [mm])
  GG = glass weight [kg/m²]

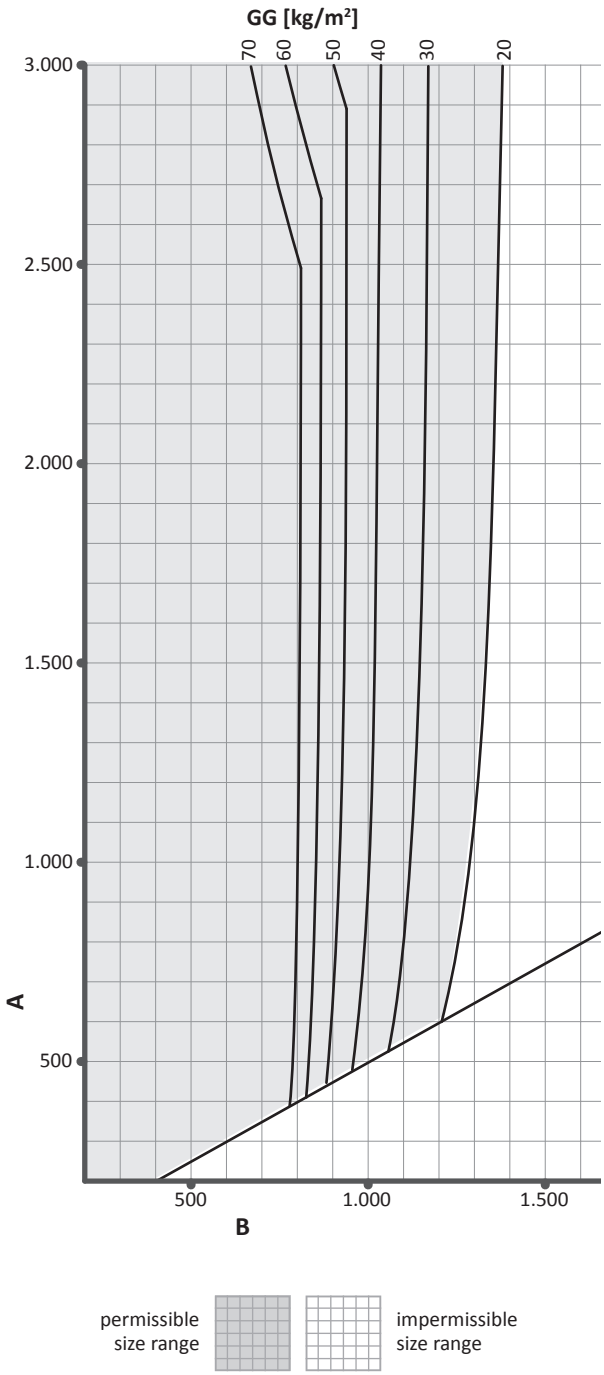
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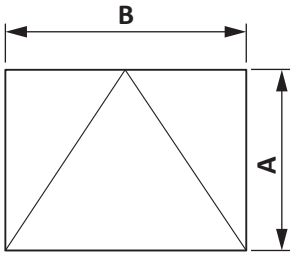
basis for testing and calculation

- Tilt-turn test according to QM 328
  System 2 - Figure A:
  - turn-only cycles: 10,000
  - tilt-turn cycles: 15,000
- additional loads taken into account
  according to EN 14608 (figure A.1)/class 4
  according to EN 13115 (800N).

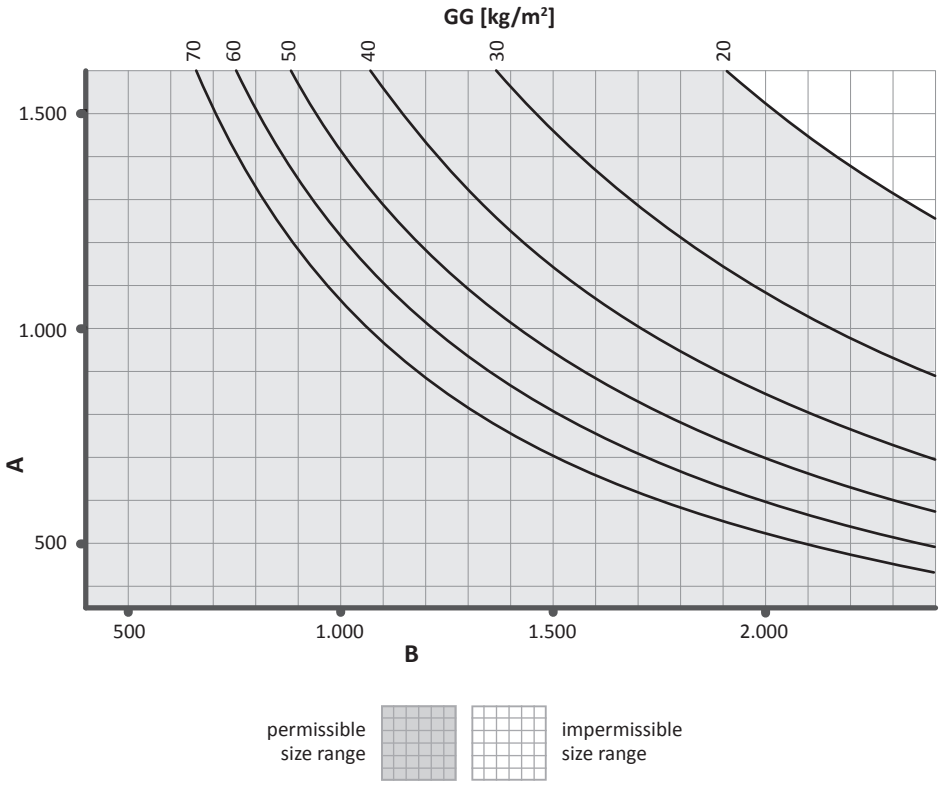
Conditions for the use of the application diagram

- Evidence for fixing structural components
  onto the window system by a window manufacturer
  according to TBDK with the following forces:
  - on the top hinge (N): 4,200
  - on the bottom hinge (N): 4,340
- The following values are to be observed with
  all window systems:
  - max. width/height ratio $Q_{B/H}$: ≤ 2.0
  - glass deduction dimension CG (mm): ≥ 28
  - profile weight PG (kg/m): ≤ 3.25
- Notes on the intended use:
  Basics and use of the application diagrams
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- inward and outward opening elements
  A = FFH (sash rebate height [mm])
  B = FFB (sash rebate width [mm])
  GG = glass weight [kg/m²]



permissible size range

impermissible size range

basis for testing and calculation

- tilt test according to RAL-GZ 607/12:
  - tilt cycles: 15,000
- additional loads according to RAL-GZ 607/12

Conditions for the use of the application diagram

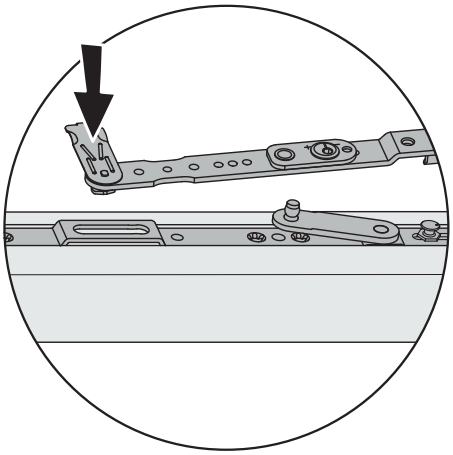
- Evidence for fixing structural components onto the window system by a window manufacturer.
- the following values are to be observed with all window systems:
  - glass deduction dimension CG (mm): ≥ 28
  - profile weight PG (kg/m): ≤ 3.25
- Notes on the intended use:
  Basics and use of the application diagrams
  "Download"

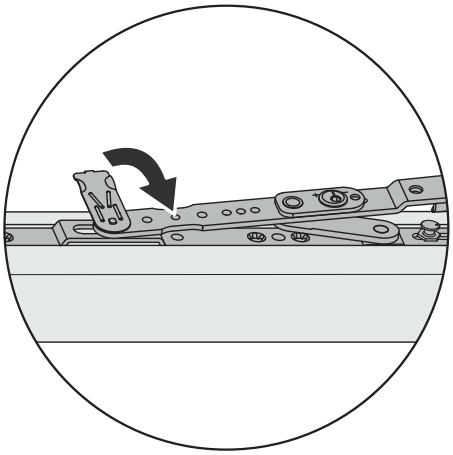
DANGER

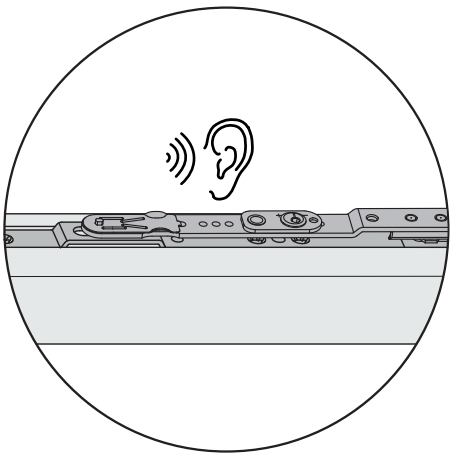
Falling sash

If the stop spring is not locked in, the sash may fall out.

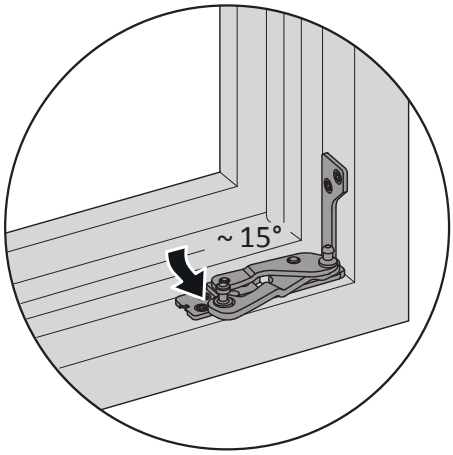
- Audible engagement of the stop spring in the stay sash part.



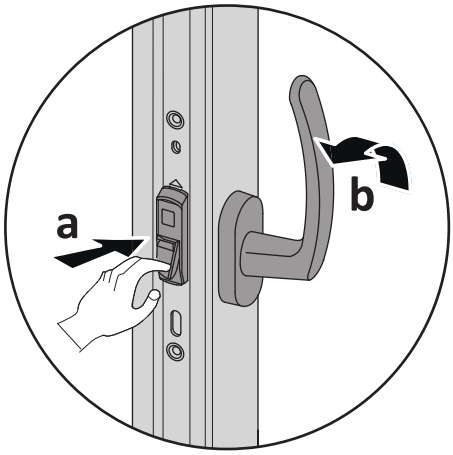




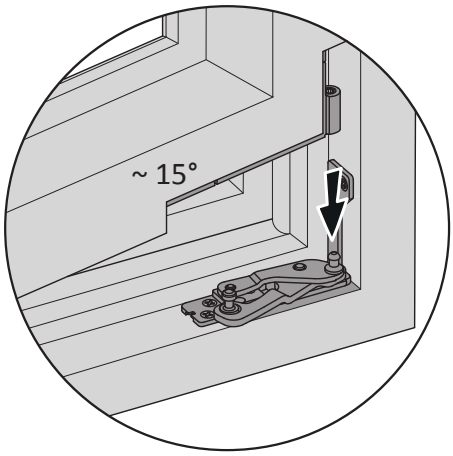
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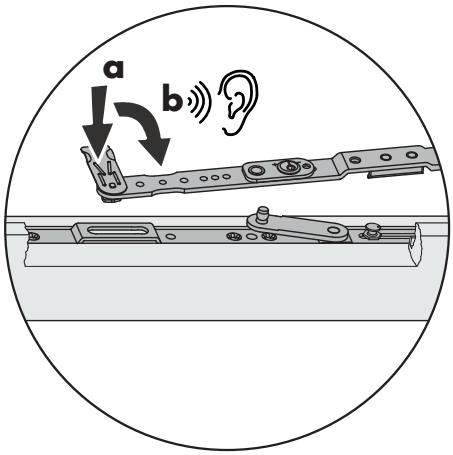
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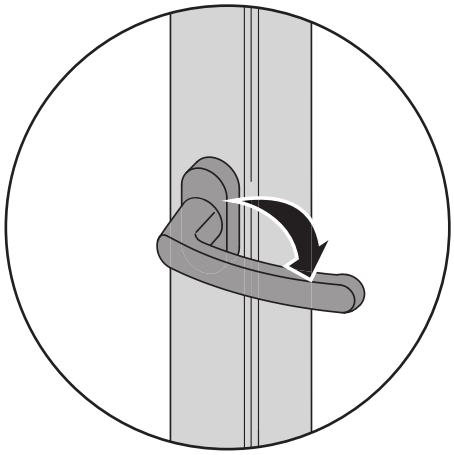
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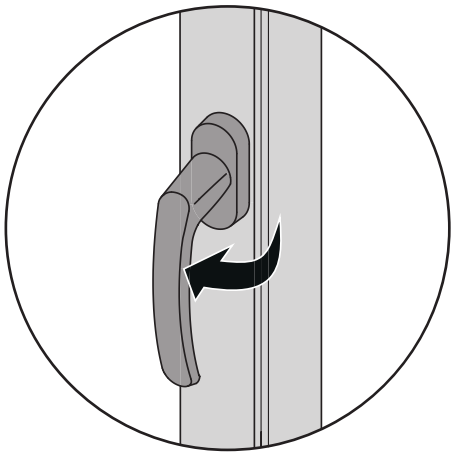
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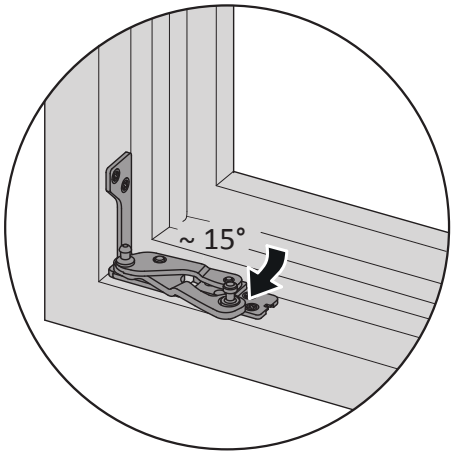
You can find our installation video here:

axxent 24+ Hinging the sash in turning position

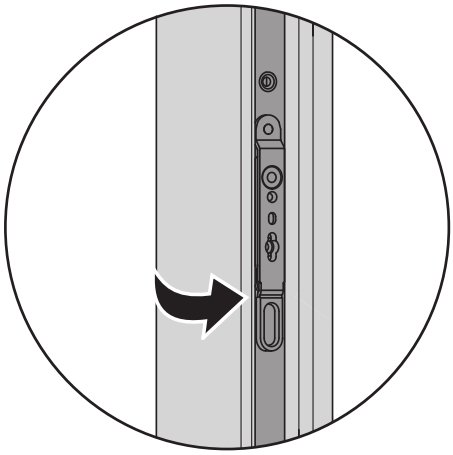
Installation information axxent 24+

Hinging the secondary sash
15° opening position of the sash

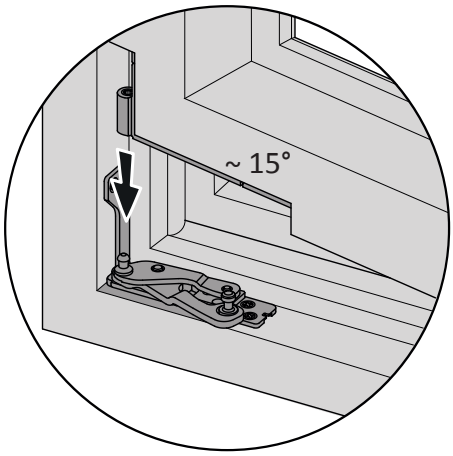
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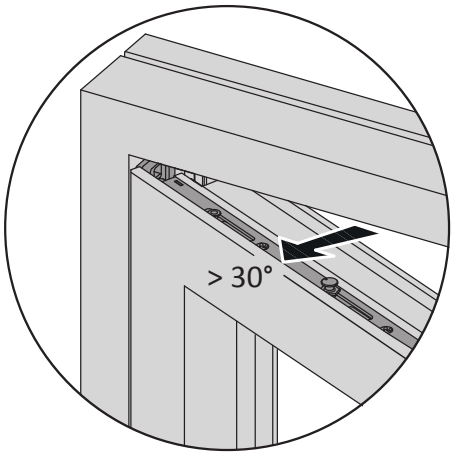
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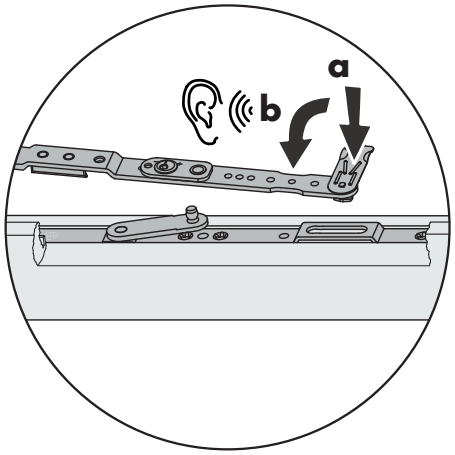
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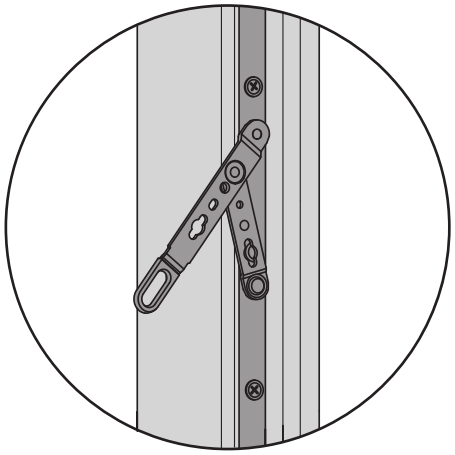
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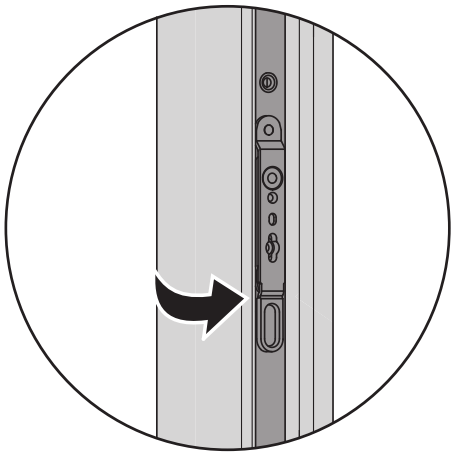
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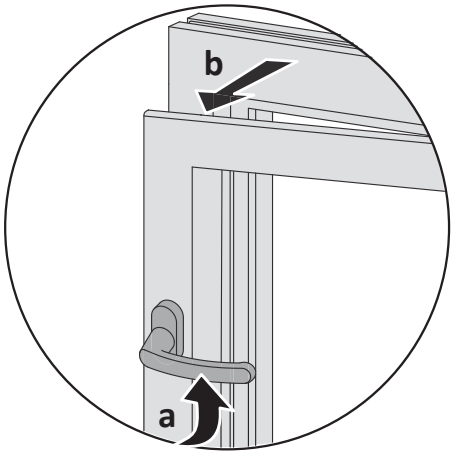
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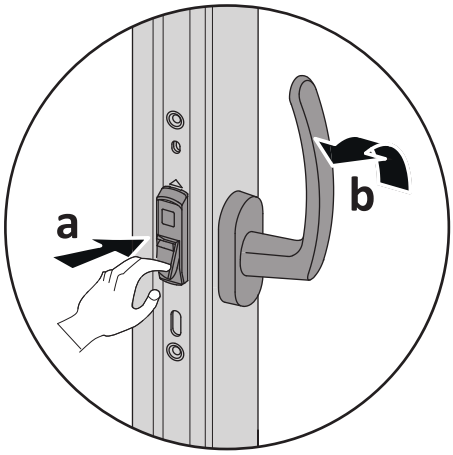
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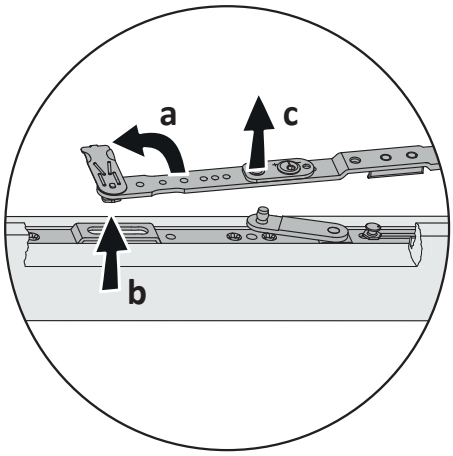
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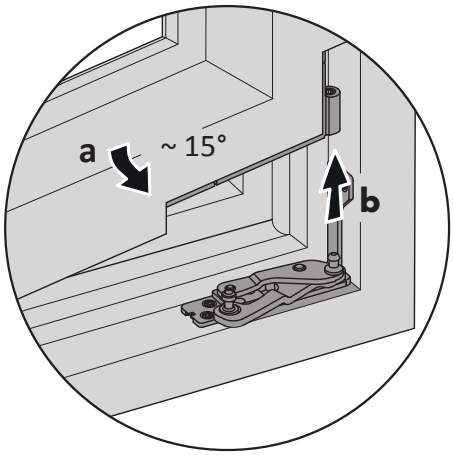
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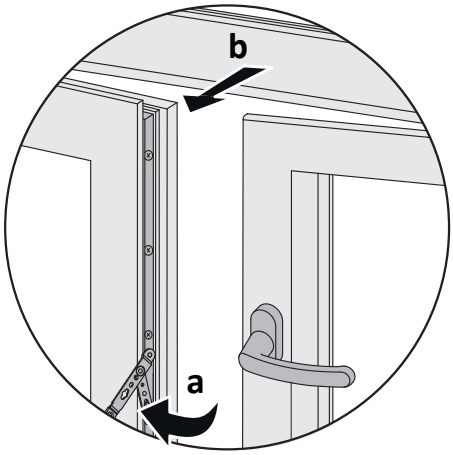
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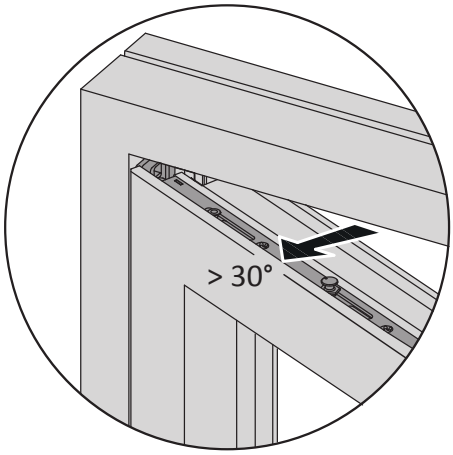
You can find our installation video here:

axxent 24+ Unhinging the sash in turning position

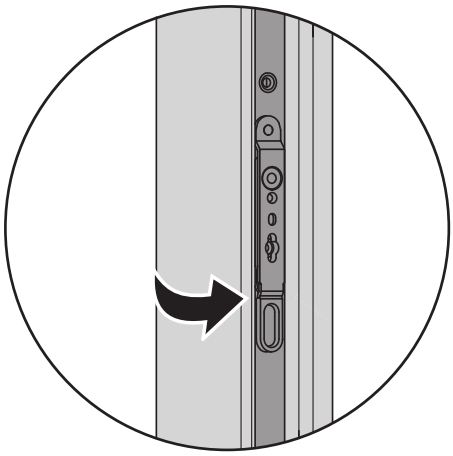
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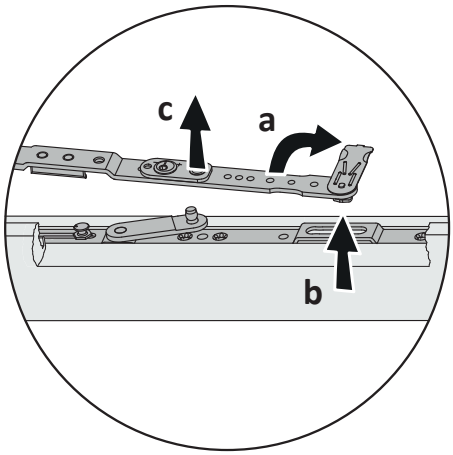
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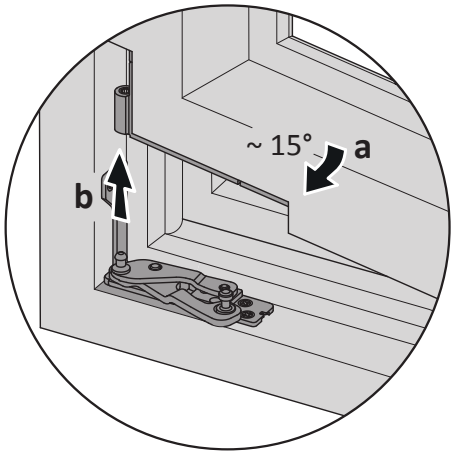
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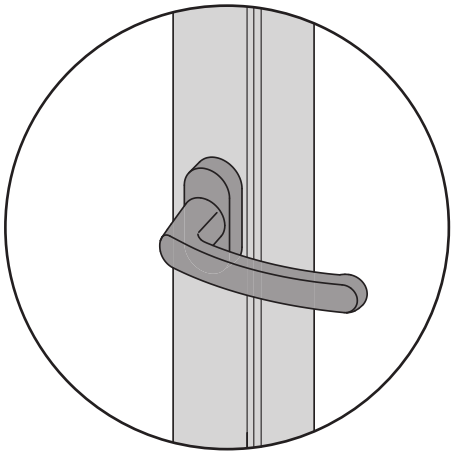
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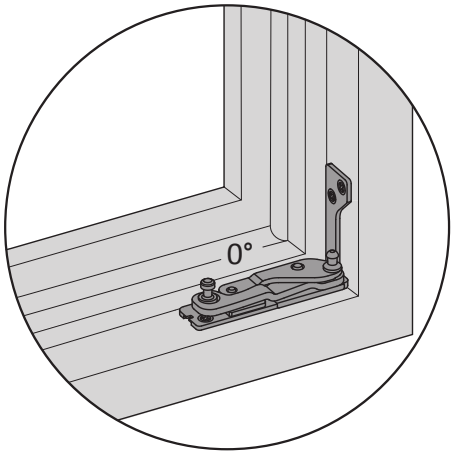
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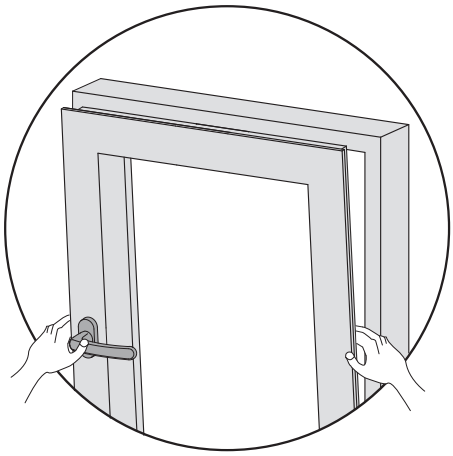
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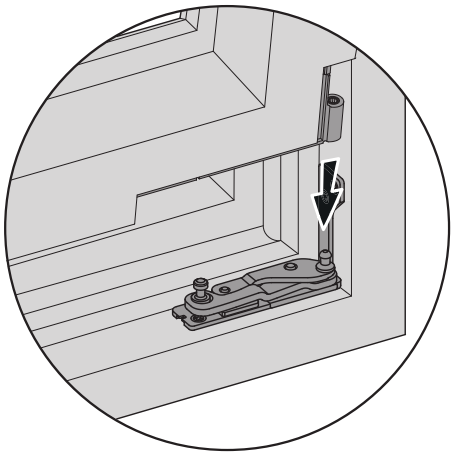
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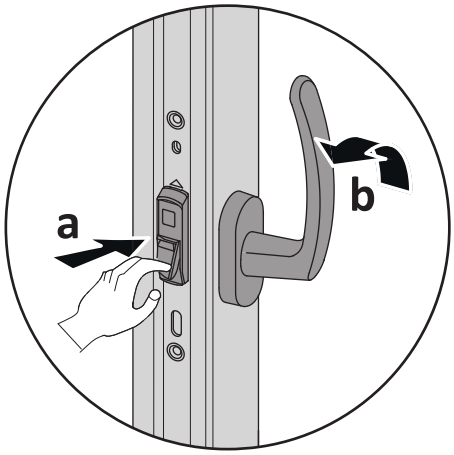
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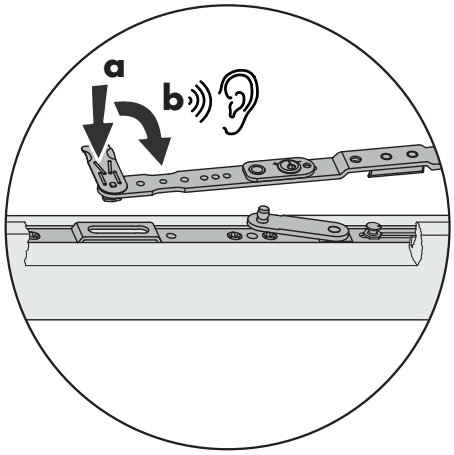
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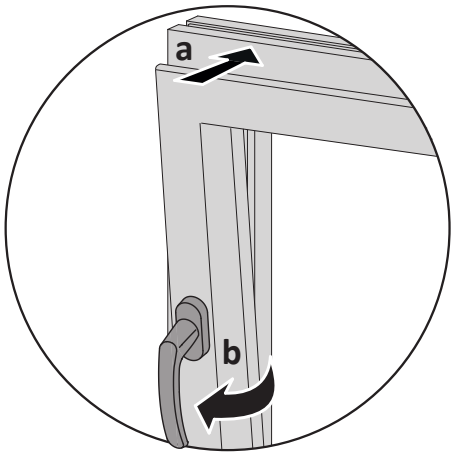
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6.



7.



You can find our installation video here:

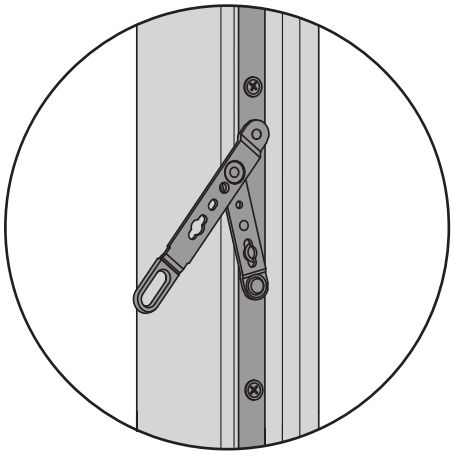
axxent 24+ Hinging the sash in tilt position

Installation information axxent 24+

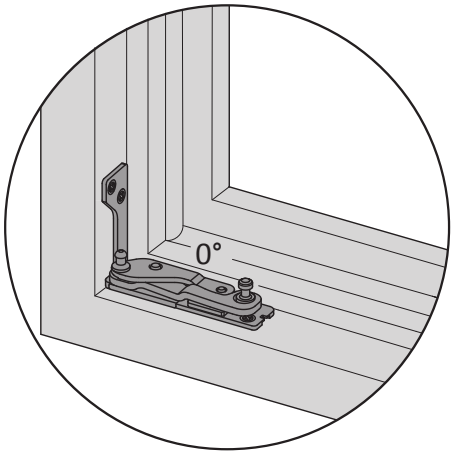
Hinging the secondary sash

Sash in tilted position parallel to the frame

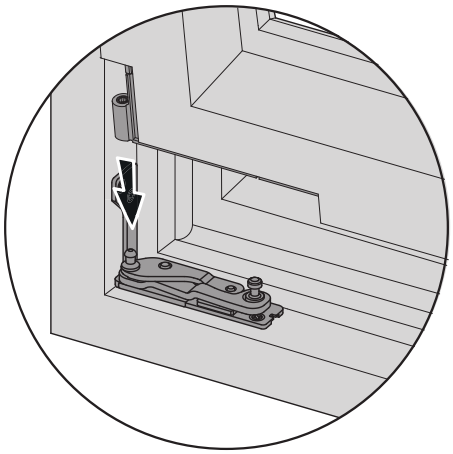
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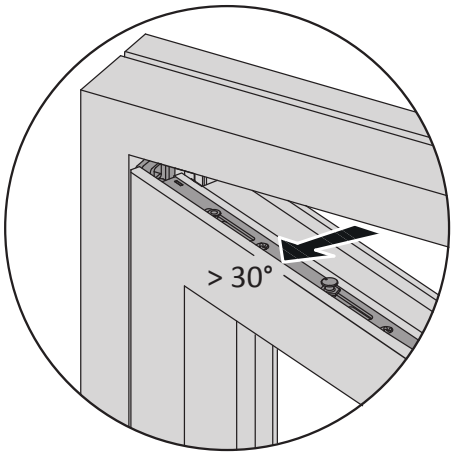
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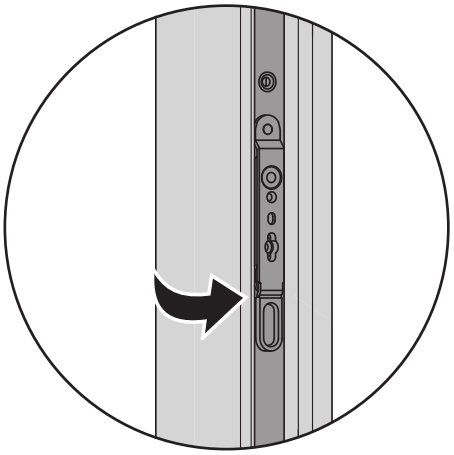
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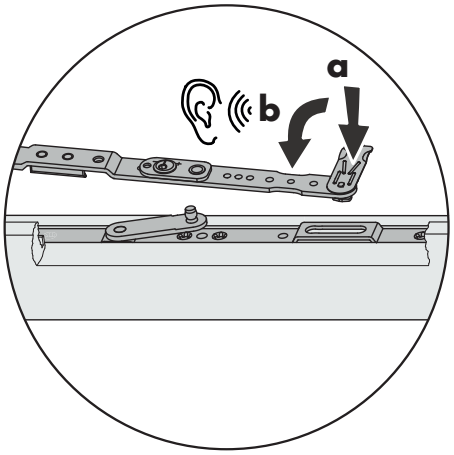
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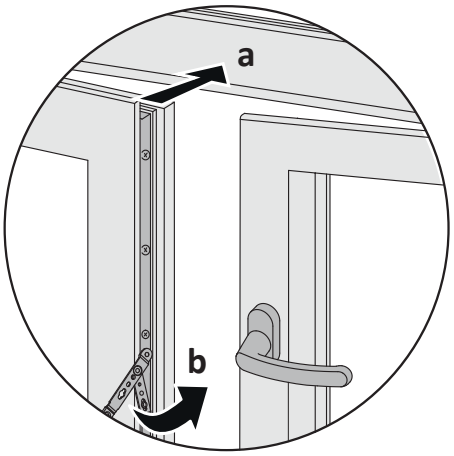
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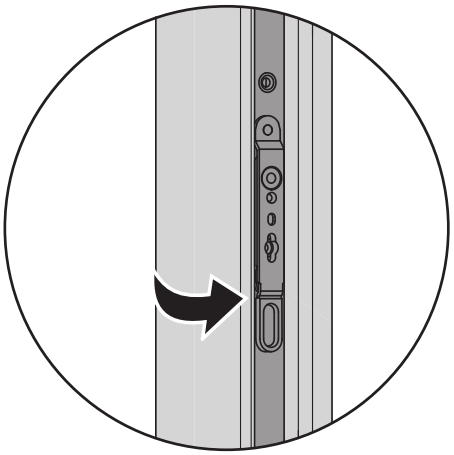
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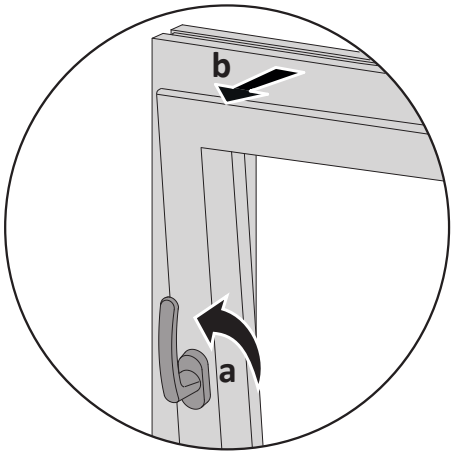
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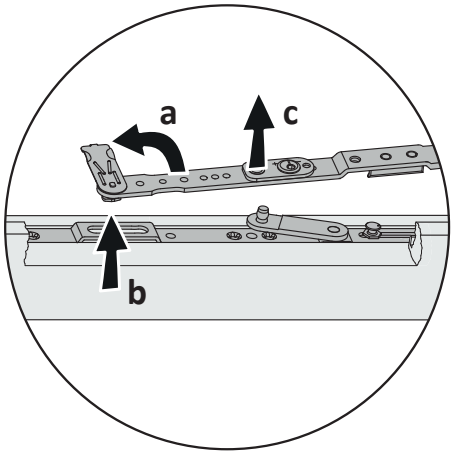
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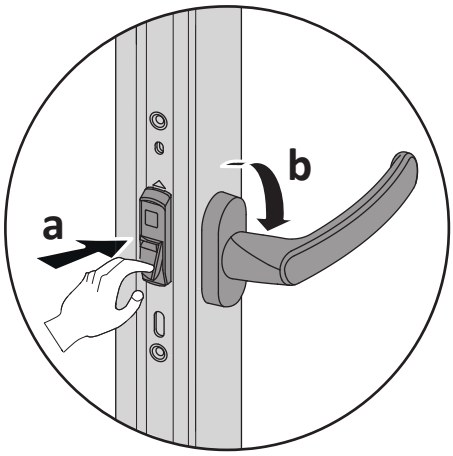
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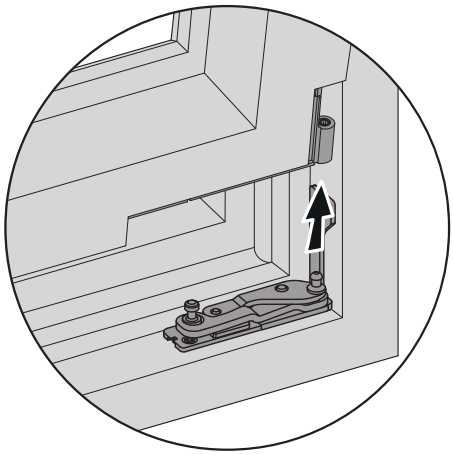
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You can find our installation video here:

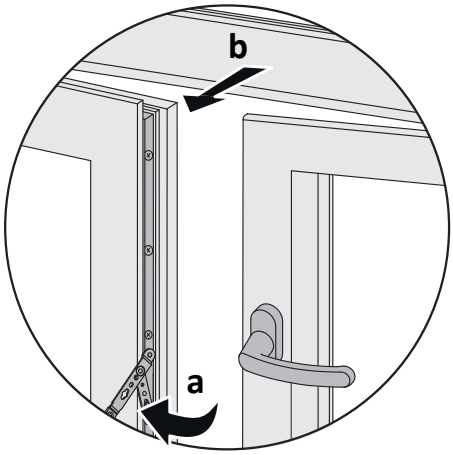
axxent 24+ Unhinging the sash in tilt position

Installation information axxent 24+

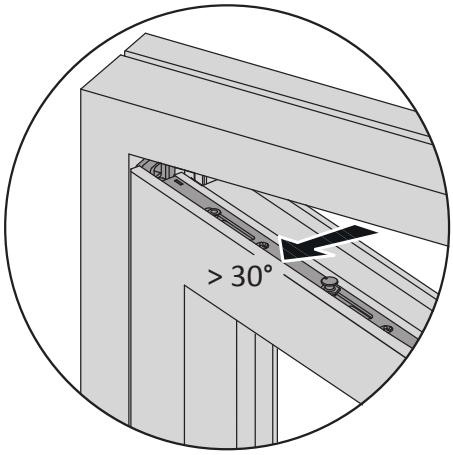
Unhinging the secondary sash

Sash in tilted position parallel to the frame

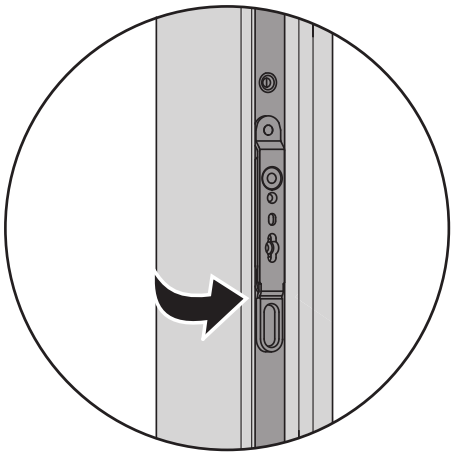
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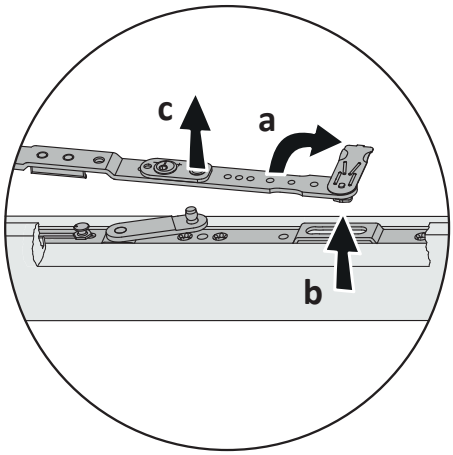
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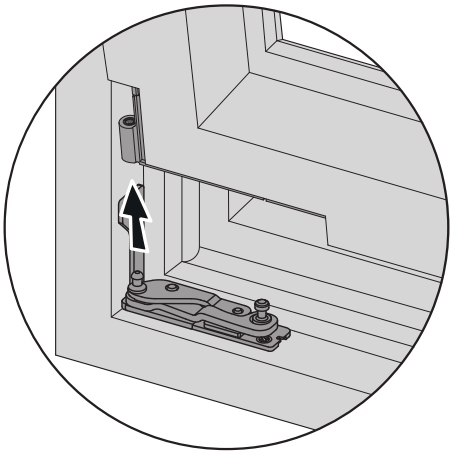
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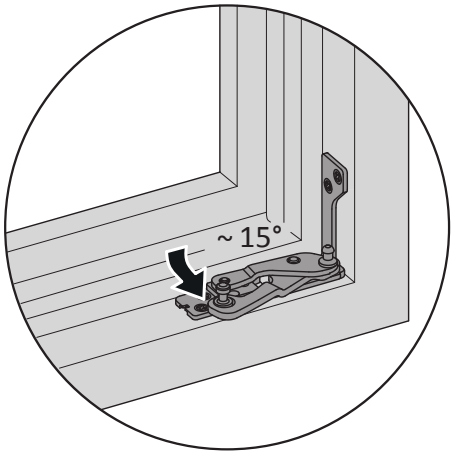
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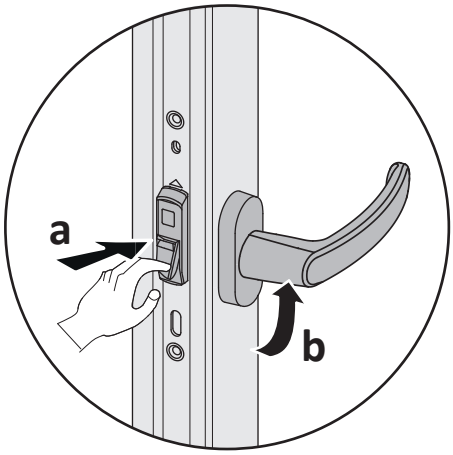
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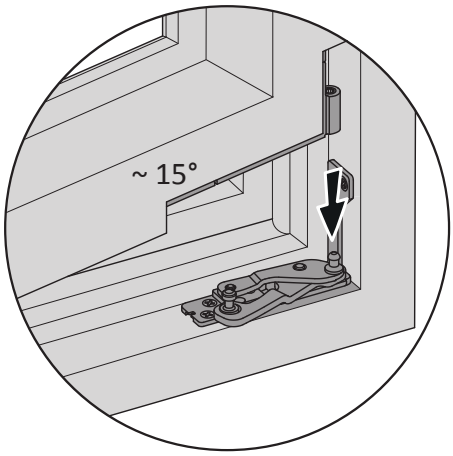
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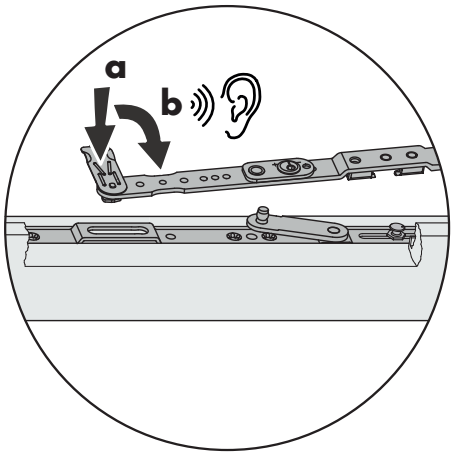
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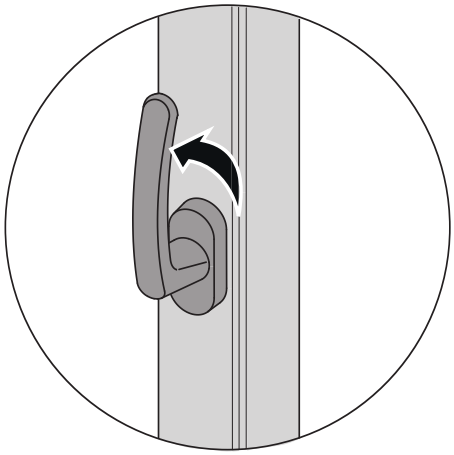
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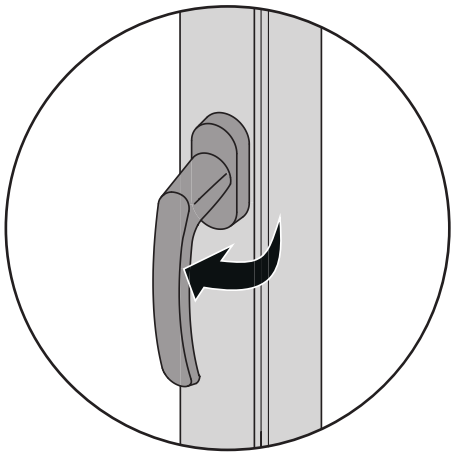
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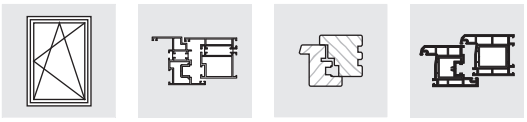


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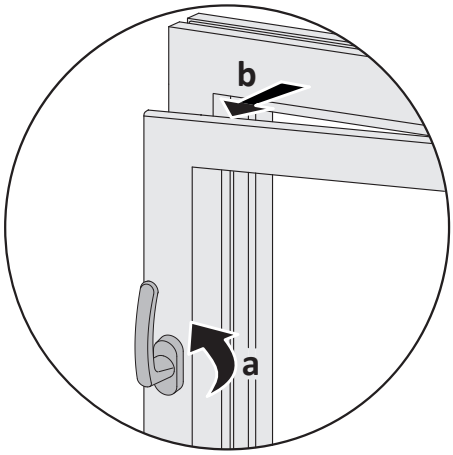


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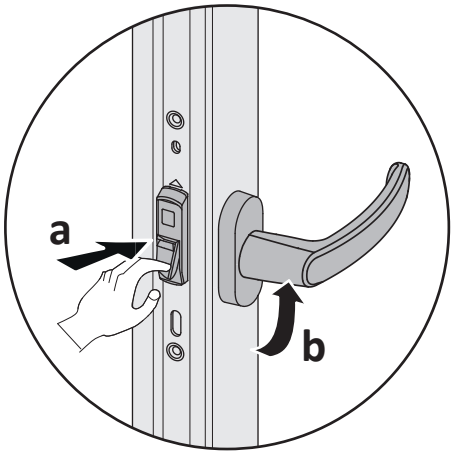




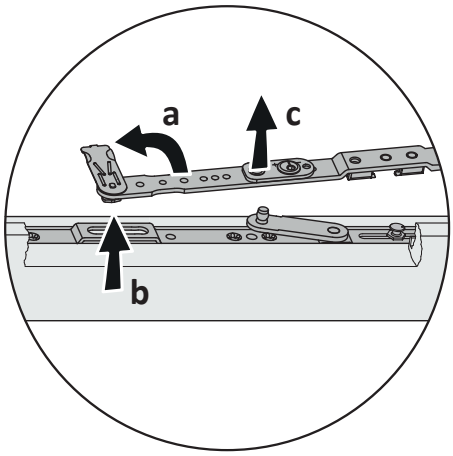
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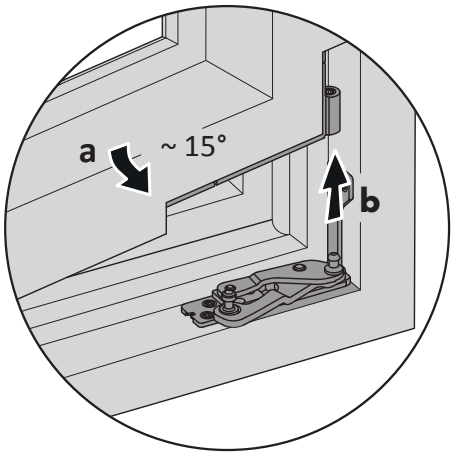
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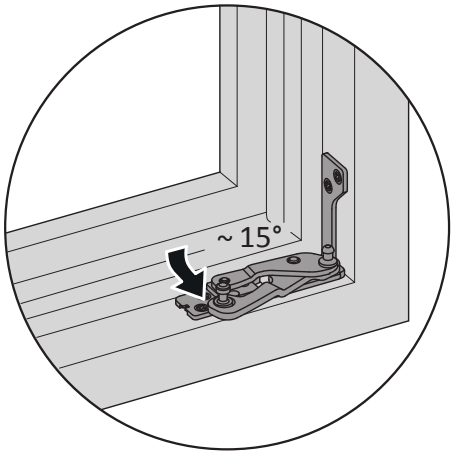
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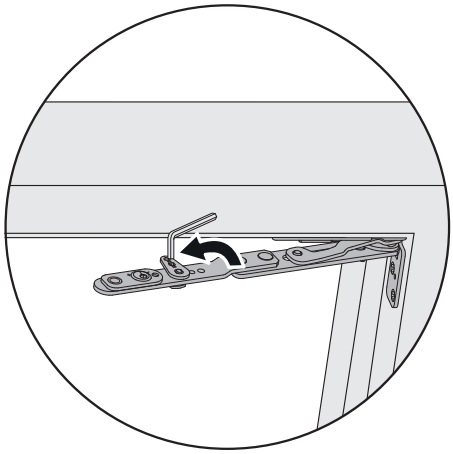
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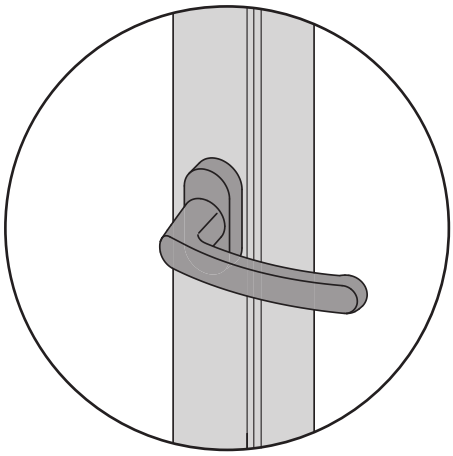
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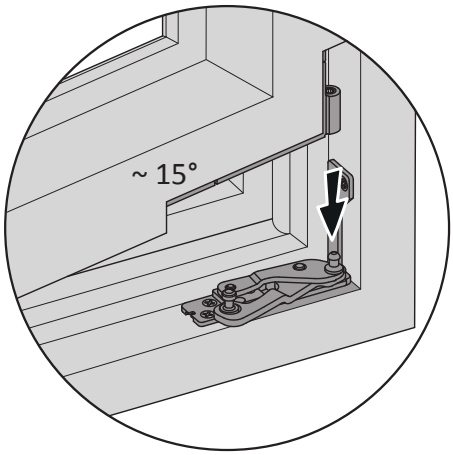
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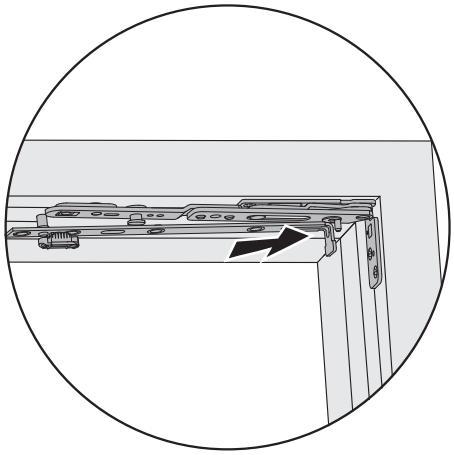
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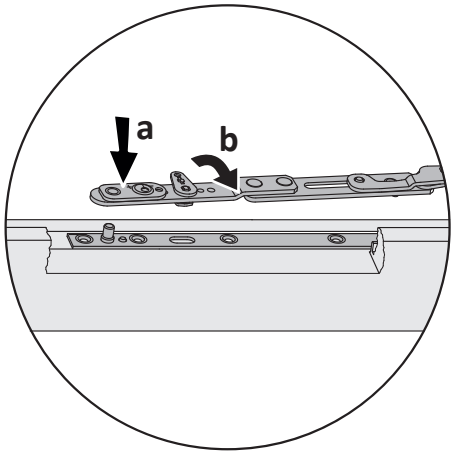
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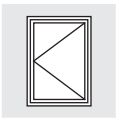
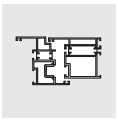


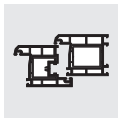
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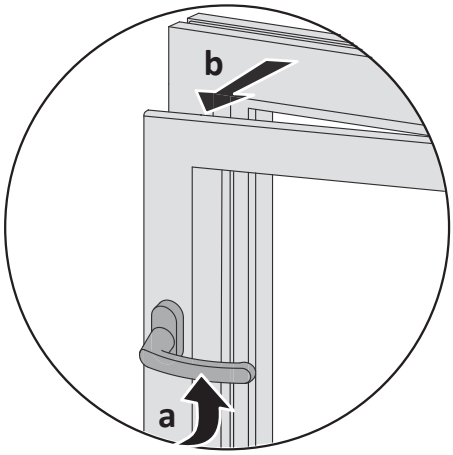
You can find our installation video here:

axxent 24+ Hinging the turning sash

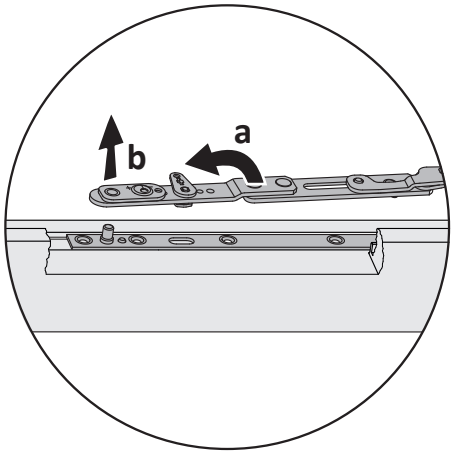





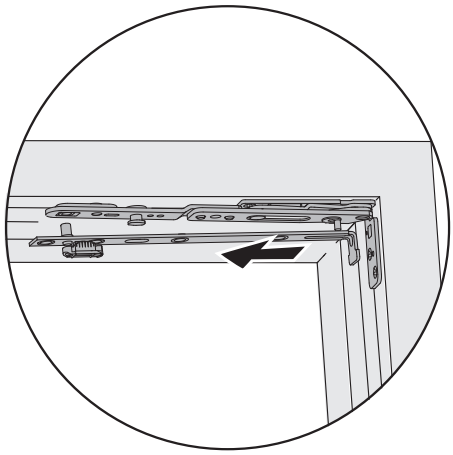
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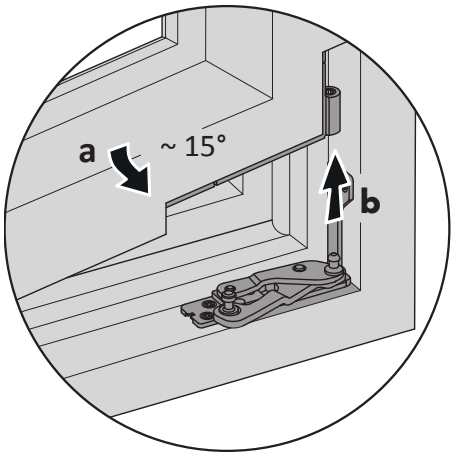
2.



3.



4.



You can find our installation video here:

axxent 24+ Unhinging the turning sash

FAVORIT

Installation instructions




without security

1-sash square tilt-turn

PVC

without security

centre handle pos. (variable)

Hinge side axxent 24+

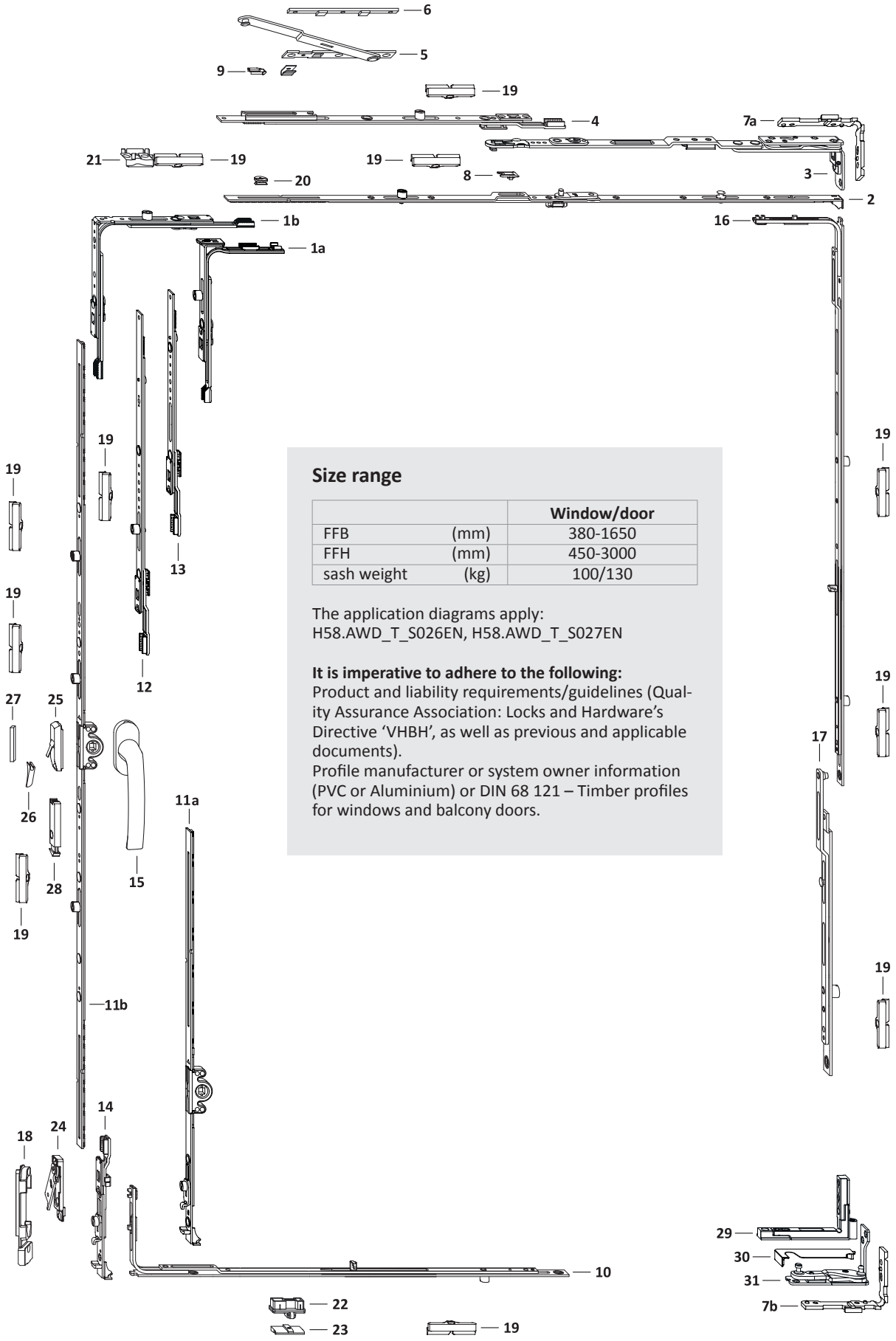
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 800; vertical tilt point
Stay side	two-piece stay ax 24+
Bottom	
Locking side	sash lift arm + mishandl.dev.
Hinge side	corner drive BS 2V
Hinge side turning points	

hardware layout

1-sash square tilt-turn
PVC GM Hinge side axxent 24+

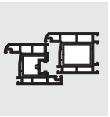


Size range

		Window/door
FFB	(mm)	380-1650
FFH	(mm)	450-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S026EN, H58.AWD_T_S027EN

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.

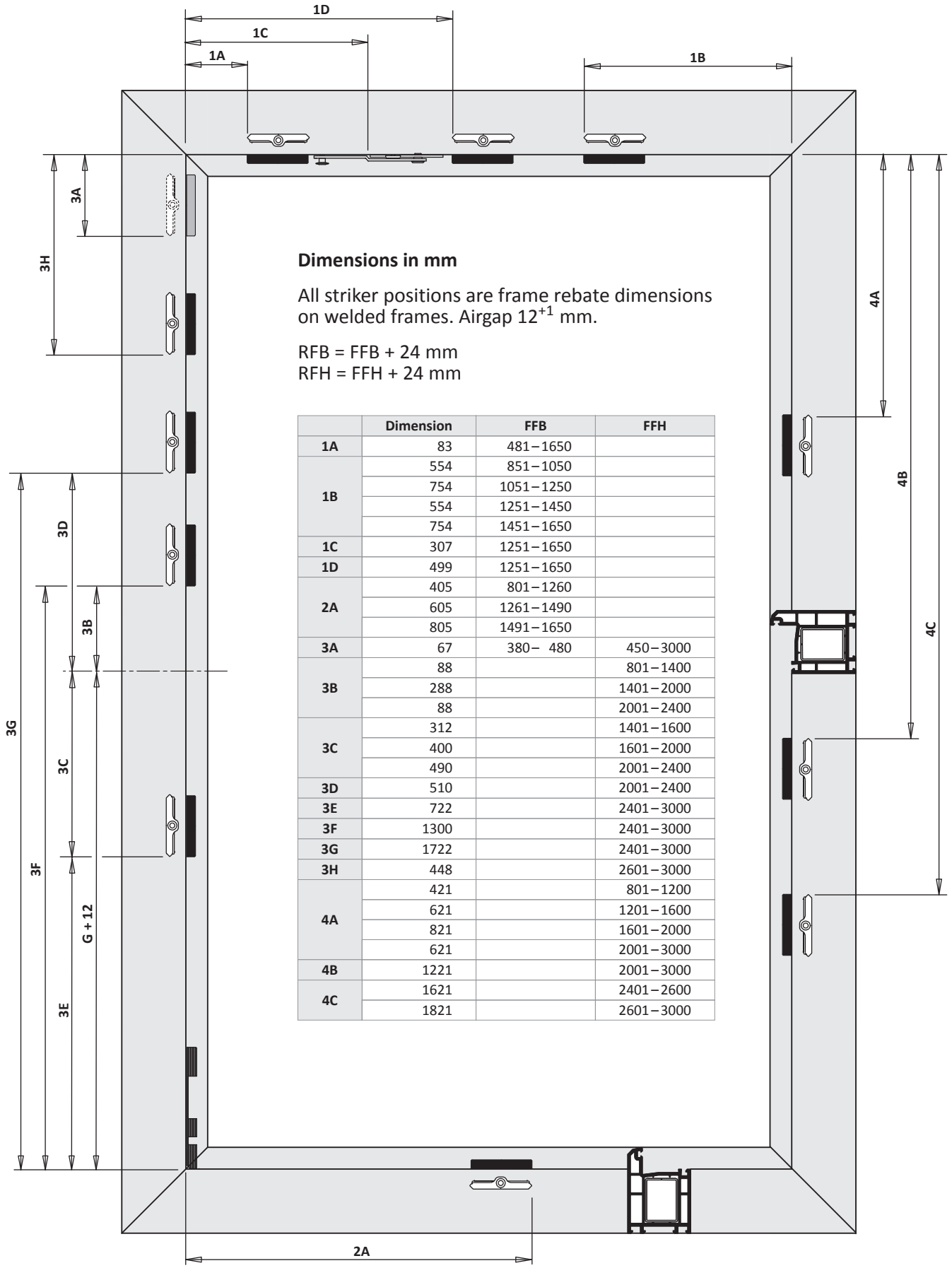



Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							18	19
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	380– 480				1
1b	corn.drive VSO ..	FEUL0230- ...	1	481–1650				1
2	SSTULPIP_FAV_AX_1	FSSV4000- ...	1	380– 680				
	stay sash part FAV AX sz2+3 1V	FSSV4010- ...		681– 850				
	stay sash part FAV AX sz 4 1V	FSSV4020- ...		851–1050				1
	stay sash part FAV AX sz 5 1V	FSSV4030- ...		1051–1250				1
	stay sash part FAV AX sz 4 1V	FSSV4020- ...		1251–1450				1
	stay sash part FAV AX sz 5 1V	FSSV4030- ...		1451–1650				1
3	stay arm AX sz 1	Ref. PDB, TSAV41	1	380– 680				
	stay arm AX sz 2+3	Ref. PDB, TSAV42		681– 850				
	stay arm AX sz 4	Ref. PDB, TSAV44		851–1050				
	stay arm AX sz 5	Ref. PDB, TSAV45		1051–1250				
	stay arm AX sz 4	Ref. PDB, TSAV44		1251–1450				
	stay arm AX sz 5	Ref. PDB, TSAV45		1451–1650				
4	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650				1
5	additional stay	Ref. PDB, TSZS	1	1251–1650				
6	packer Z	Ref. PDB, FRUP01	1	1251–1650				
7	crt. accessories AX	Ref. PDB, TMZV41	1	380–1650				
8	tilt restrictor V-V sz 2-4 ..	TFKB0040- ...	1	681–1050	450– 900			
	tilt restrictor V-V sz 5 ..	TFKB0050- ...		1051–1250	450– 900			
9	tilt restr. additional stay ..	889008	1	1251–1650				
10	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1	801–1260				1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...		1261–1490				1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...		1491–1650				1
11a	gear 15 FAV sz 30/G180	FGKK4010- ...	1		450– 600		1	
11b	gear 15 FAV sz 60	FGMK4020- ...	1		601– 800	300– 400		
	gear 15 FAV sz 80 1V	FGMK4040- ...			801–1200	400– 600		1
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201–1400	600– 700		1
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401–1600	700– 800		2
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601–2000	800–1000		2
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001–2400	1000–1200		3
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401–3000	1200		3
12	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401–2600			
	linkage FAV sz 400 1V	FZSZ0110- ...			2601–3000			1
13	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801–3000			
14	tilt lock element FAV/FH	FEKB1010- ...	1		601–3000		1	
15	handle Globe	Ref.access. ZHGS	1		450–3000			
16	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		801–1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1600			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601–2000			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001–3000			2
17	MV extension sz 40	700945	1		2401–2600			1
	MV extension sz 60	700952			2601–3000			1
18	tilt striker plate FHA	Ref. PDB, TRKV						
19	striker plate S 56	Ref. PDB, TRSM						
			on request					
20	location piece ..	702543	1					
21	frame part SP-S	Ref. PDB, FRZL01	1					
22	sash lift .. A2000	TFFH0010- ...	1		450– 600			
23	run-up FH/TiP	Ref. PDB, TRAL	1		450– 600			
24	sash lift KRB .. rh.	TFFH0151- ...	1		601–3000			
	sash lift KRB .. lh.	TFFH0152- ...			601–3000			
25	mishandling device FAV.	FFBS0110- ...	1					
26	pressure piece	Ref. PDB, TFFD	1					
27	stop	Ref. PDB, FRZF01	1					
28	snapper rh.	TFST0021- ...	1		1601–3000			
	snapper lh.	TFST0022- ...			1601–3000			

Hinge side turning points					
Pos.	Description	Part number		required as per sash weight	
		surface TS	RAL7037	100 kg	130 kg
29	corner hinge AX	Ref. PDB, TBEB41		1	1
30	cover cap AX EL	Ref. PDB, TKEL41		1	1
31	bottom hinge AX	Ref. PDB, TBEV41		1	1

Frame dimensions

1-sash square tilt-turn
PVC GM Hinge side axxent 24+



Dimensions in mm

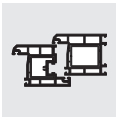
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	481–1650	
1B	554	851–1050	
	754	1051–1250	
	554	1251–1450	
	754	1451–1650	
1C	307	1251–1650	
1D	499	1251–1650	
2A	405	801–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	380– 480	450–3000
3B	88		801–1400
	288		1401–2000
	88		2001–2400
3C	312		1401–1600
	400		1601–2000
	490		2001–2400
3D	510		2001–2400
3E	722		2401–3000
3F	1300		2401–3000
3G	1722		2401–3000
3H	448		2601–3000
4A	421		801–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4B	1221		2001–3000
4C	1621		2401–2600
	1821		2601–3000

FAVORIT

Installation instructions

GS

1-sash square tilt-turn

PVC

basic security

centre handle pos. (variable)

Hinge side axxent 24+

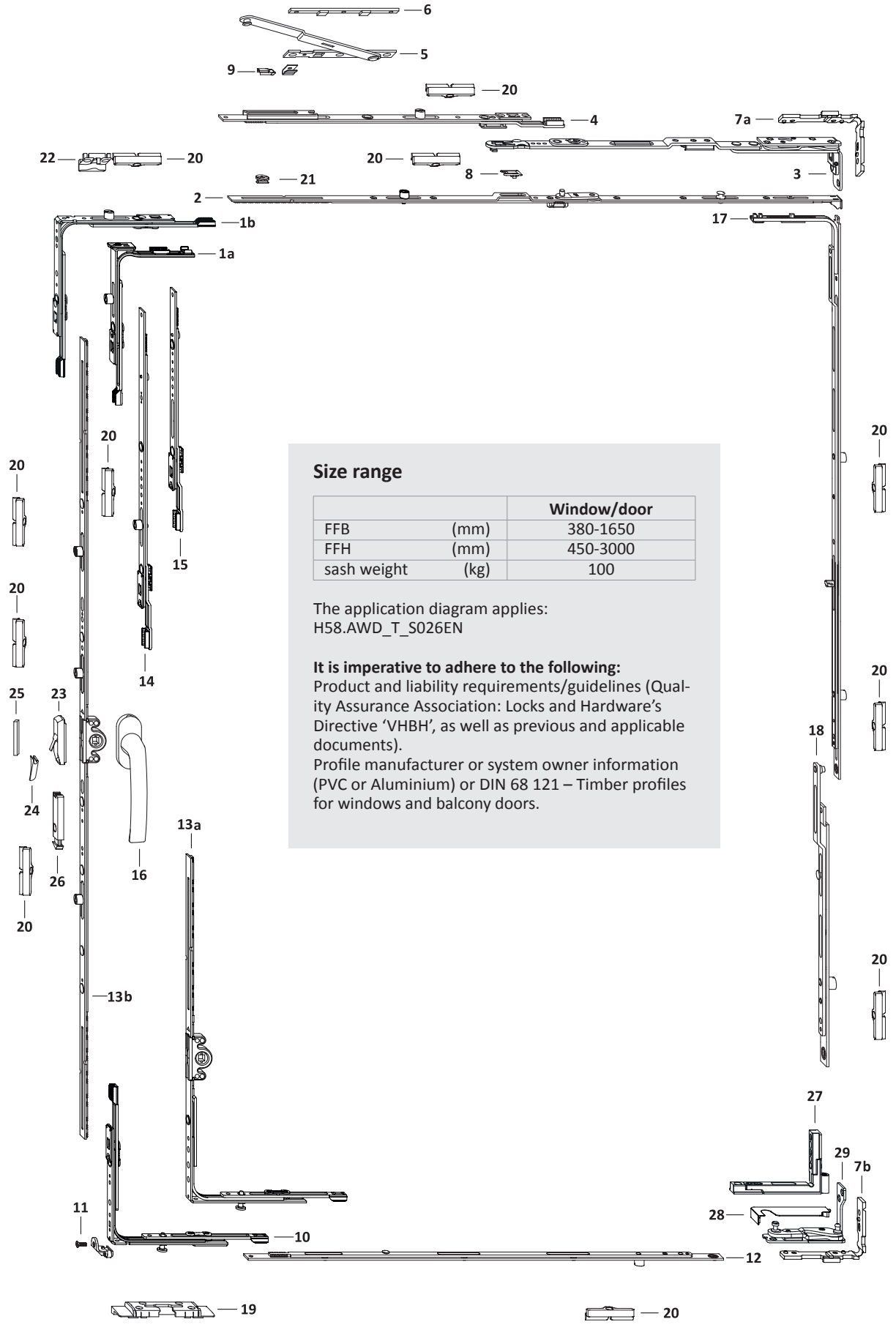
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 800
Stay side	two-piece stay ax 24+
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	

hardware layout

1-sash square tilt-turn
PVC GM Hinge side axxent 24+



Size range

		Window/door
FFB	(mm)	380-1650
FFH	(mm)	450-3000
sash weight	(kg)	100

The application diagram applies:
H58.AWD_T_S026EN

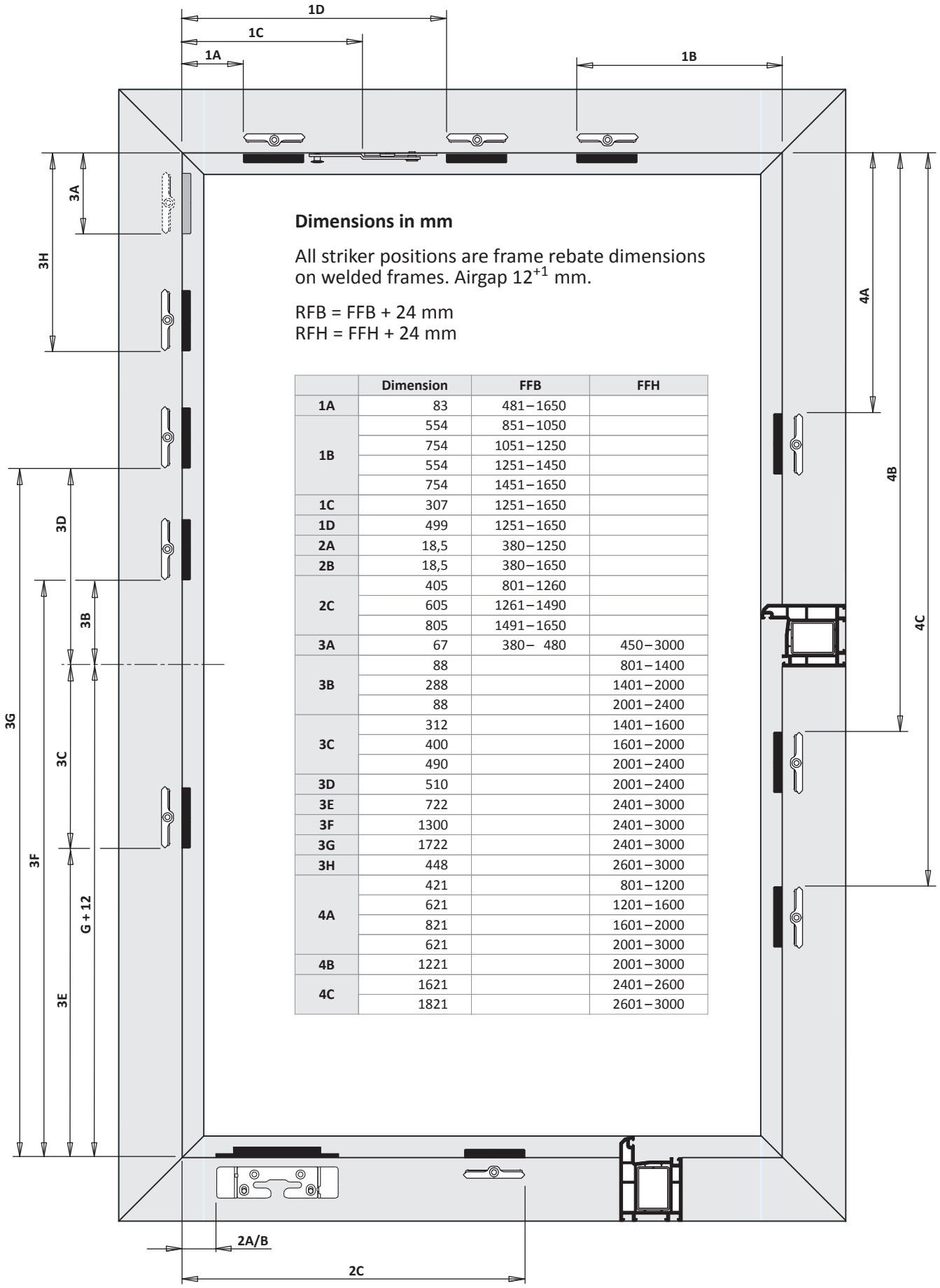
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Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							19	20
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	380– 480				1
1b	corn.drive VSO ..	FEUL0230- ...	1	481–1650				1
2	SSTULPIP_FAV_AX_1	FSSV4000- ...	1	380– 680				
	stay sash part FAV AX sz2+3 1V	FSSV4010- ...		681– 850				
	stay sash part FAV AX sz 4 1V	FSSV4020- ...		851–1050				1
	stay sash part FAV AX sz 5 1V	FSSV4030- ...		1051–1250				1
	stay sash part FAV AX sz 4 1V	FSSV4020- ...		1251–1450				1
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4	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650				1
5	additional stay	Ref. PDB, TSZS	1	1251–1650				
6	packer Z	Ref. PDB, FRUP01	1	1251–1650				
7	crt. accessories AX	Ref. PDB, TMZV41	1	380–1650				
8	tilt restrictor V-V sz 2-4 ..	TFKB0040- ...	1	681–1050	450– 900			
	tilt restrictor V-V sz 5 ..	TFKB0050- ...		1051–1250	450– 900			
9	tilt restr. additional stay ..	889008	1	1251–1650				
10	corn.drive FAV VS 1S ..	FEUL0510- ...	1	380–1650	601–3000		1	
11	sash lift S-ES	Ref. PDB, FMFH	1	380–1650				
12	centre lock sz 50	700969	1	801–1260				1
	centre lock sz 70	700976		1261–1490				1
	centre lock sz 90	700983		1491–1650				1
13a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1		450– 600		1	
13b	gear 15 FAV sz 60	FGMK4020- ...	1		601– 800	300– 400		
	gear 15 FAV sz 80 1V	FGMK4040- ...			801–1200	400– 600		1
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201–1400	600– 700		1
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401–1600	700– 800		2
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601–2000	800–1000		2
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001–2400	1000–1200		3
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401–3000	1200		3
14	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401–2600			
	linkage FAV sz 400 1V	FZSZ0110- ...			2601–3000			1
15	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801–3000			
16	handle Globe	Ref.access. ZHGS	1		450–3000			
17	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		801–1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1600			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601–2000			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001–3000			2
18	MV extension sz 40	700945	1		2401–2600			1
	MV extension sz 60	700952			2601–3000			1
19	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
20	striker plate S 56	Ref. PDB, TRSM						
on request								
21	location piece ..	702543	1					
22	frame part SP-S	Ref. PDB, FRZL01	1					
23	mishandling device FAV.	FFBS0110- ...	1					
24	pressure piece	Ref. PDB, TFFD	1					
25	stop	Ref. PDB, FRZF01	1					
26	snapper rh.	TFST0021- ...	1		1601–3000			
	snapper lh.	TFST0022- ...			1601–3000			

Hinge side turning points				
Pos.	Description	Part number		required as per sash weight
		surface TS	RAL7037	100 kg
27	corner hinge AX	Ref. PDB, TBEB41		1
28	cover cap AX EL	Ref. PDB, TKEL41		1
29	bottom hinge AX	Ref. PDB, TBEV41		1

Frame dimensions

1-sash square tilt-turn
PVC GM Hinge side axxent 24+



Dimensions in mm

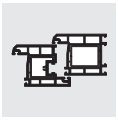
All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	481–1650	
1B	554	851–1050	
	754	1051–1250	
	554	1251–1450	
	754	1451–1650	
1C	307	1251–1650	
1D	499	1251–1650	
2A	18,5	380–1250	
2B	18,5	380–1650	
2C	405	801–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	380– 480	450–3000
3B	88		801–1400
	288		1401–2000
	88		2001–2400
3C	312		1401–1600
	400		1601–2000
	490		2001–2400
3D	510		2001–2400
3E	722		2401–3000
3F	1300		2401–3000
3G	1722		2401–3000
3H	448		2601–3000
4A	421		801–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4B	1221		2001–3000
4C	1621		2401–2600
	1821		2601–3000

FAVORIT

Installation instructions

1-sash square tilt-turn

PVC

3-Punkt Sicherheit

centre handle pos. (variable)

Hinge side axxent 24+

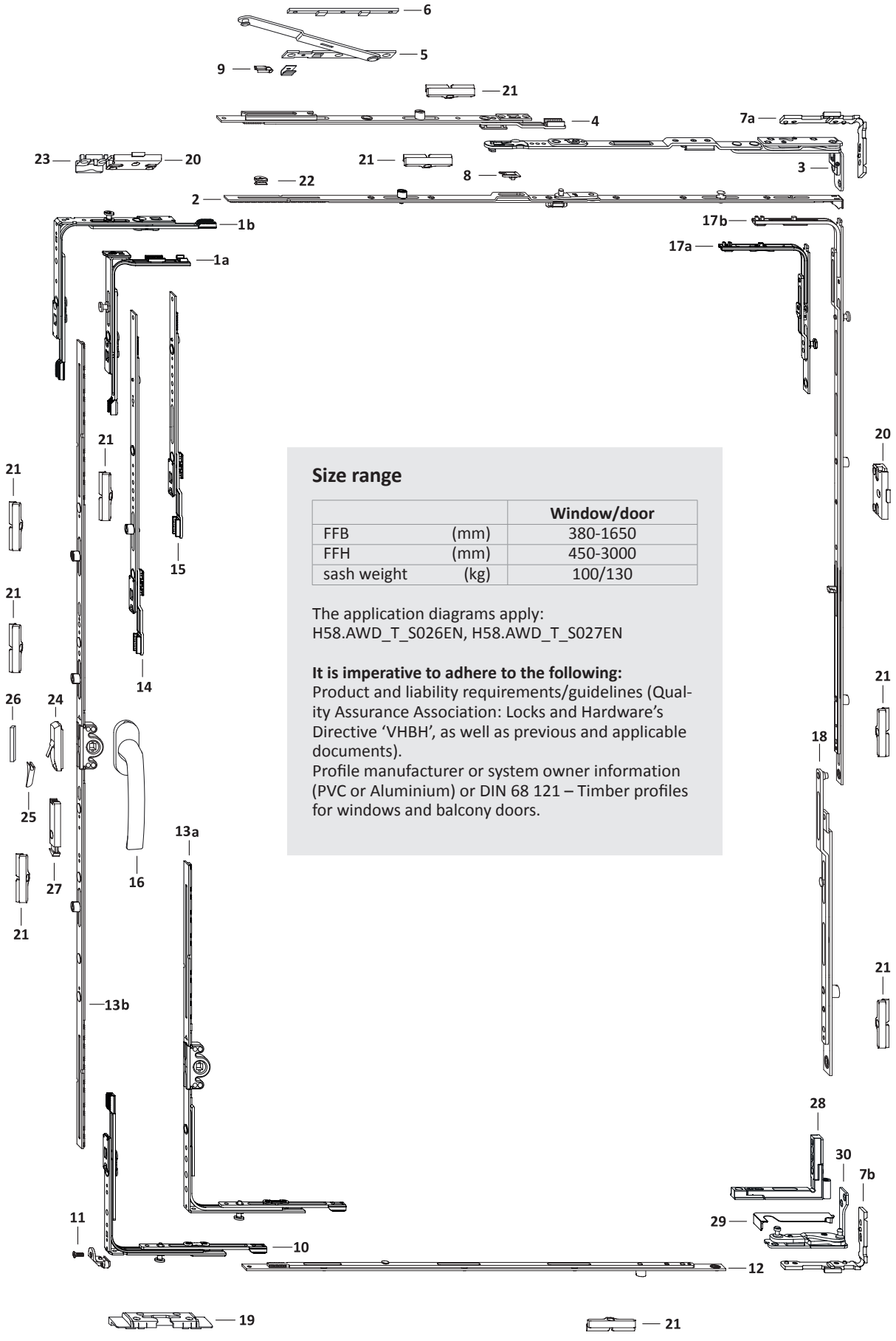
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 800
Stay side	two-piece stay ax 24+
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive 1S 2V

hardware layout

1-sash square tilt-turn
PVC GM Hinge side axxent 24+

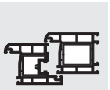


Size range

		Window/door
FFB	(mm)	380-1650
FFH	(mm)	450-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S026EN, H58.AWD_T_S027EN

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.




List of fittings
1-sash square tilt-turn
PVC GM Hinge side axxent 24+

FAVORIT

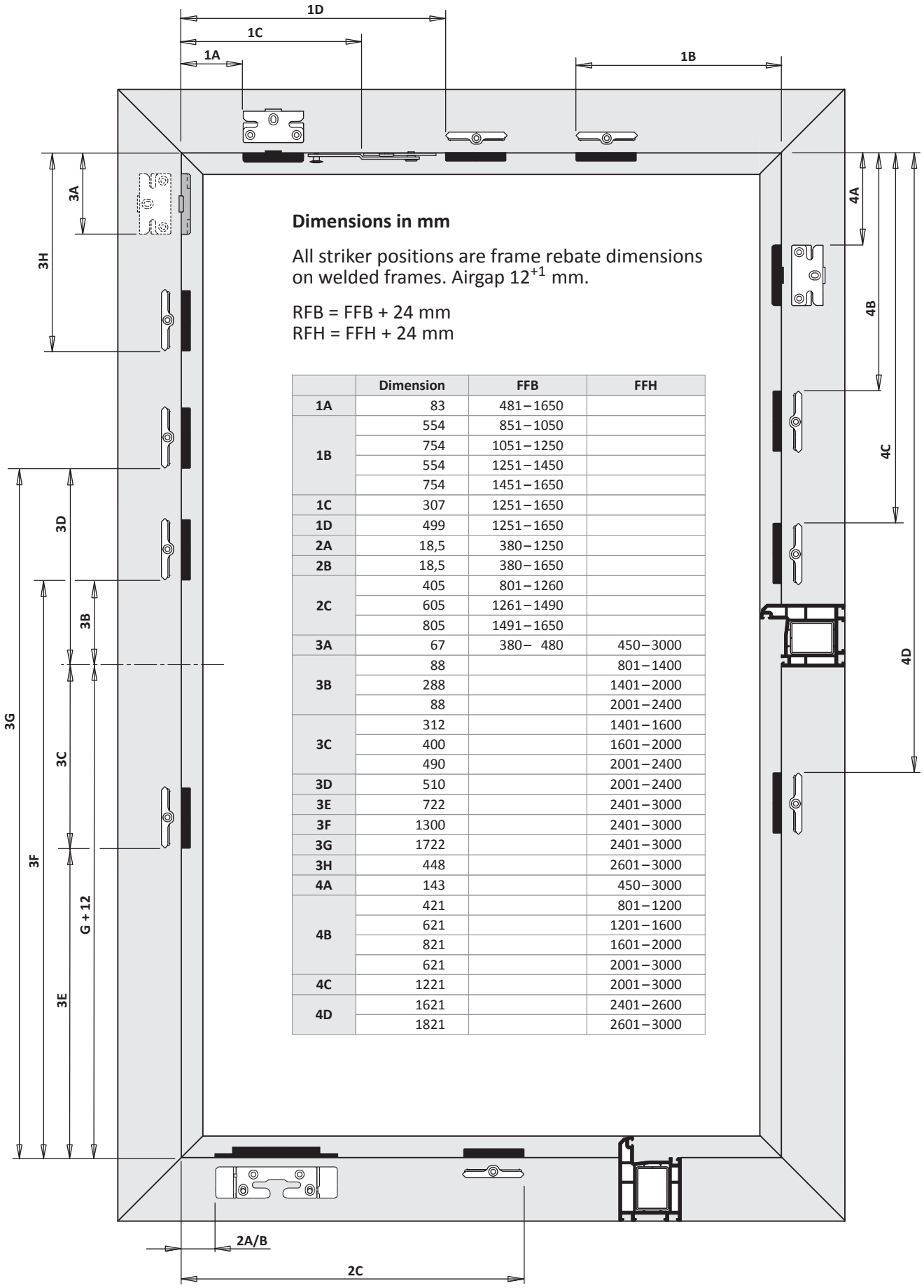
3P

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.		
							19	20	21
1a	corn.drive FAV VSO narrow 1S ..	FEUL0530- ...	1	380– 480				1	
1b	corn.drive FAV VS 1S ..	FEUL0510- ...	1	481–1650				1	
2	SSTULPIP_FAV_AX_1	FSSV4000- ...	1	380– 680					
	stay sash part FAV AX sz2+3 1V	FSSV4010- ...		681– 850					
	stay sash part FAV AX sz 4 1V	FSSV4020- ...		851–1050					1
	stay sash part FAV AX sz 5 1V	FSSV4030- ...		1051–1250					1
	stay sash part FAV AX sz 4 1V	FSSV4020- ...		1251–1450					1
	stay sash part FAV AX sz 5 1V	FSSV4030- ...		1451–1650					1
3	stay arm AX sz 1	Ref. PDB, TSAV41	1	380– 680					
	stay arm AX sz 2+3	Ref. PDB, TSAV42		681– 850					
	stay arm AX sz 4	Ref. PDB, TSAV44		851–1050					
	stay arm AX sz 5	Ref. PDB, TSAV45		1051–1250					
	stay arm AX sz 4	Ref. PDB, TSAV44		1251–1450					
	stay arm AX sz 5	Ref. PDB, TSAV45		1451–1650					
4	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650					1
5	additional stay	Ref. PDB, TSZS	1	1251–1650					
6	packer Z	Ref. PDB, FRUP01	1	1251–1650					
7	crt. accessories AX	Ref. PDB, TMZV41	1	380–1650					
8	tilt restrictor V-V sz 2-4 ..	TFKB0040- ...	1	681–1050	450– 900				
	tilt restrictor V-V sz 5 ..	TFKB0050- ...		1051–1250	450– 900				
9	tilt restr. additional stay ..	889008	1	1251–1650					
10	corn.drive FAV VS 1S ..	FEUL0510- ...	1	380–1650	601–3000		1		
11	sash lift S-ES	Ref. PDB, FMFH	1	380–1650					
12	centre lock sz 50	700969	1	801–1260					1
	centre lock sz 70	700976		1261–1490					1
	centre lock sz 90	700983		1491–1650					1
13a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1		450– 600		1		
13b	gear 15 FAV sz 60	FGMK4020- ...	1		601– 800	300– 400			
	gear 15 FAV sz 80 1V	FGMK4040- ...			801–1200	400– 600			1
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201–1400	600– 700			1
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401–1600	700– 800			2
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601–2000	800–1000			2
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001–2400	1000–1200			3
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401–3000	1200			3
14	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401–2600				
	linkage FAV sz 400 1V	FZSZ0110- ...			2601–3000				1
15	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801–3000				
16	handle Globe	Ref.access. ZHGS	1		450–3000				
17a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		450– 800			1	
17b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		801–1200			1	1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201–1600			1	1
	corn.drive BS sz 90 1S 1V ..	FEUL2130- ...			1601–2000			1	1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			2001–3000			1	2
18	MV extension sz 40	700945	1		2401–2600				1
	MV extension sz 60	700952			2601–3000				1
19	tilt lock bear. S-ES FH	Ref. PDB, FRKA							
20	striker plate S-RS	Ref. PDB, TRSK							
21	striker plate S 56	Ref. PDB, TRSM							
on request									
22	location piece ..	702543	1						
23	frame part SP-S	Ref. PDB, FRZL01	1						
24	mishandling device FAV.	FFBS0110- ...	1						
25	pressure piece	Ref. PDB, TFFD	1						
26	stop	Ref. PDB, FRZF01	1						
27	snapper rh.	TFST0021- ...	1		1601–3000				
	snapper lh.	TFST0022- ...			1601–3000				

Hinge side turning points					
Pos.	Description	Part number		required as per sash weight	
		surface TS	RAL7037	100 kg	130 kg
28	corner hinge AX	Ref. PDB, TBEB41		1	1
29	cover cap AX EL	Ref. PDB, TKEL41		1	1
30	bottom hinge AX	Ref. PDB, TBEV41		1	1

Frame dimensions

1-sash square tilt-turn
PVC GM Hinge side axxent 24+



Dimensions in mm

All striker positions are frame rebate dimensions on welded frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	481–1650	
1B	554	851–1050	
	754	1051–1250	
	554	1251–1450	
	754	1451–1650	
1C	307	1251–1650	
1D	499	1251–1650	
2A	18,5	380–1250	
2B	18,5	380–1650	
2C	405	801–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	380– 480	450–3000
3B	88		801–1400
	288		1401–2000
	88		2001–2400
3C	312		1401–1600
	400		1601–2000
	490		2001–2400
3D	510		2001–2400
3E	722		2401–3000
3F	1300		2401–3000
3G	1722		2401–3000
3H	448		2601–3000
4A	143		450–3000
4B	421		801–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4C	1221		2001–3000
4D	1621		2401–2600
	1821		2601–3000

Vertical tilt point

1-sash square tilt-turn	H48.FAVH2K0S500EN	5 - 3
2-sash square tilt-turn/turn shoot bolt	H48.FAVH2K0S501EN	5 - 9

Horizontal tilt point - basic security

1-sash square tilt-turn	H48.FAVH2K0S600EN	5 - 17
2-sash square tilt-turn/turn DSG	H48.FAVH2K0S601EN	5 - 23
2-sash square tilt-turn/turn DS	H48.FAVH2K0S607EN	5 - 31
2-sash square tilt-turn/turn shoot bolt	H48.FAVH2K0S602EN	5 - 39

Tilt before turn (TBT)

1-sash square tilt before turn	H48.FAVH2K0S604EN	5 - 47

Horizontal tilt point - 3-point security

1-sash square tilt-turn	H48.FAVH2K3PS600EN	5 - 53
2-sash square tilt-turn/turn DSG	H48.FAVH2K3PS601EN	5 - 59

Tilt before turn (TBT)

1-sash square tilt before turn	H48.FAVH2K3PS602EN	5 - 67

Turn only sash

1-sash square turn with gear DK	H48.FAVH2K0S605EN	5 - 73
1-sash square turn with gear DF	H48.FAVH2K0S606EN	5 - 77

FAVORIT

Installation instructions





without security

1-sash square tilt-turn

timber 12 mm

without security

fixed handle position

Hinge side Si-line

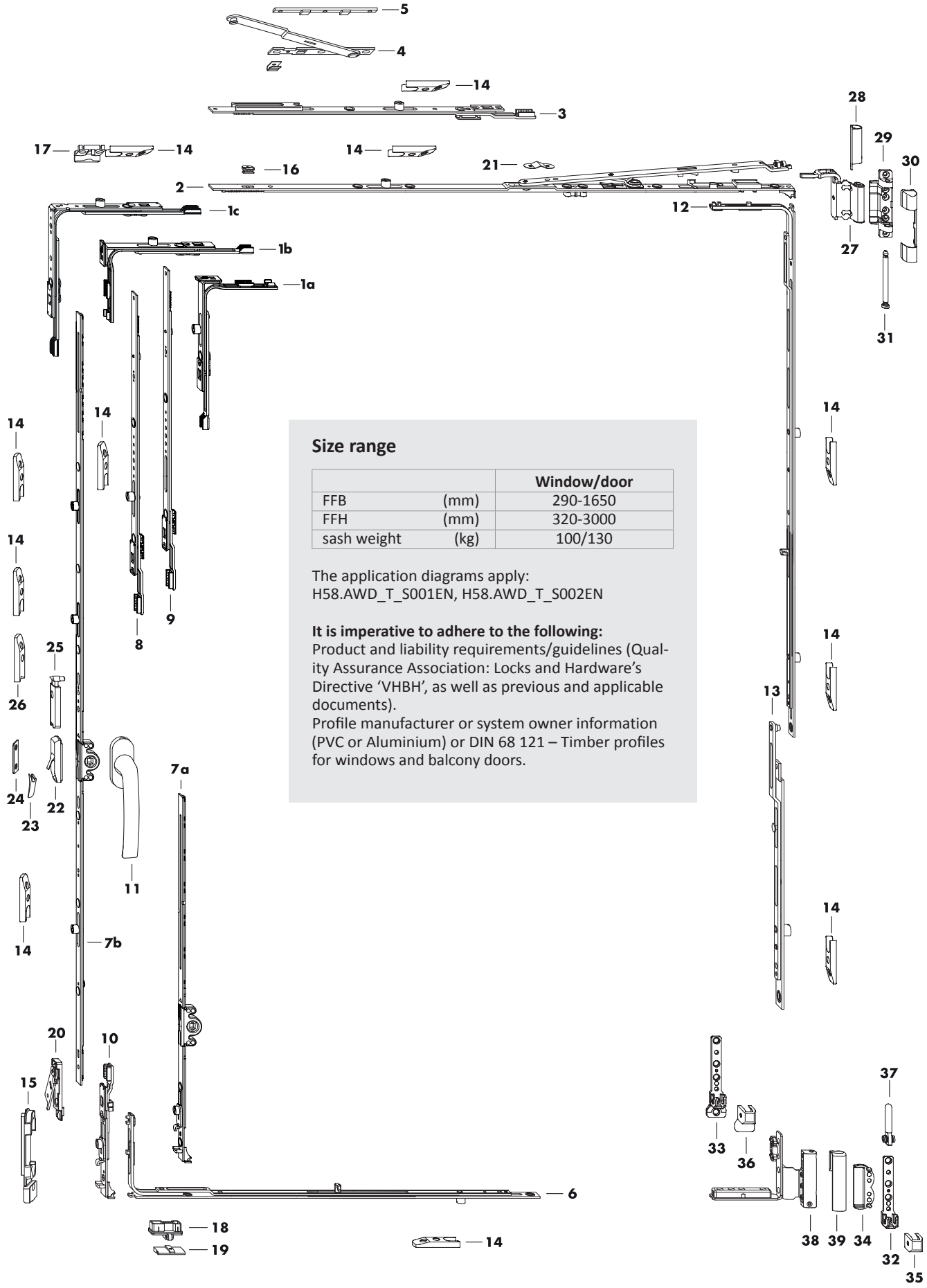
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 1000; vertical tilt point
Stay side	one-piece stay
Locking side	sash lift arm + mishandl.dev.
Hinge side	corner drive BS 2V
Hinge side turning points	loose filling pc / pre-mounted

hardware layout

1-sash square tilt-turn
H12 GK Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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.




List of fittings

1-sash square tilt-turn

H12 GK Hinge side Si-line

FAVORIT

without security

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							14	15
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	290– 410	431–3000		1	
1b	corn.drive narrow VSO ..	FEUL0520- ...	1	411– 800	320– 430		1	
1c	corn.drive VSO ..	FEUL0230- ...	1	411–1650	431–3000		1	
2	stay 7 sz 30	707302	1	290– 620				
	stay 7 sz 35 MV	707319		621– 800				
	stay 7 sz 50 MV	707326		801–1030				
	stay 7 sz 55 MV	707333		1031–1260			1	
	stay 7 sz 50 MV	707326		1261–1490			1	
	stay 7 sz 55 MV	707333		1491–1650			1	
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650			1	
4	additional stay	Ref. PDB, TSZS	1	1261–1650				
5	packer Z	Ref. PDB, FRUP01	1	1261–1650				
6	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1	1031–1260			1	
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...		1261–1490			1	
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...		1491–1650			1	
7a	gear 15 FAV sz 30/G180	FGKK4010- ...	1	411– 800	320– 430	180		1
	gear 15 FAV sz 30/G180	FGKK4010- ...			431– 600	180		1
7b	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601– 800	300		
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801–1000	400		
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001–1200	500	1	
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201–1400	600	1	
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401–1600	700	1	
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601–1800	700	1	
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801–2000	1000	2	
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001–3000	1000	3	
8	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201–2400			
	linkage FAV sz 400 1V	FZSZ0110- ...			2401–3000		1	
9	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601–2800			
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801–3000			
10	tilt lock element FAV/FH	FEKB1010- ...	1		601–3000			1
11	handle Globe	Ref.access. ZHGS	1		320–3000			
12	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		1001–1200		1	
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1600		1	
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601–2000		1	
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001–3000		2	
13	MV extension sz 60	700952	1		2401–3000		1	
14	striker plate 56	Ref. PDB, FRSB						
15	tilt striker plate FHA	Ref. PDB, TRKV						
on request								
16	location piece ..	702543	1					
17	frame part SP-S	Ref. PDB, FRZL01	1					
18	sash lift .. A2000	TFFH0010- ...	1		320– 600			
19	run-up FH/TiP	Ref. PDB, TRAL	1		320– 600			
20	sash lift KRB .. rh.	TFFH0151- ...	1		601–3000			
	sash lift KRB .. lh.	TFFH0152- ...			601–3000			
21	tilt restrictor ..	805701	1		320– 800			
22	mishandling device FAV.	FFBS0110- ...	1					
23	pressure piece	Ref. PDB, TFFD	1					
24	stop	Ref. PDB, FRZF01	1					
25	snapper switchable rh.	TFST0011- ...	1		1801–3000			
	snapper switchable lh.	TFST0012- ...			1801–3000			
26	frame part snapper	Ref. PDB, TRST	1		1801–3000			

5

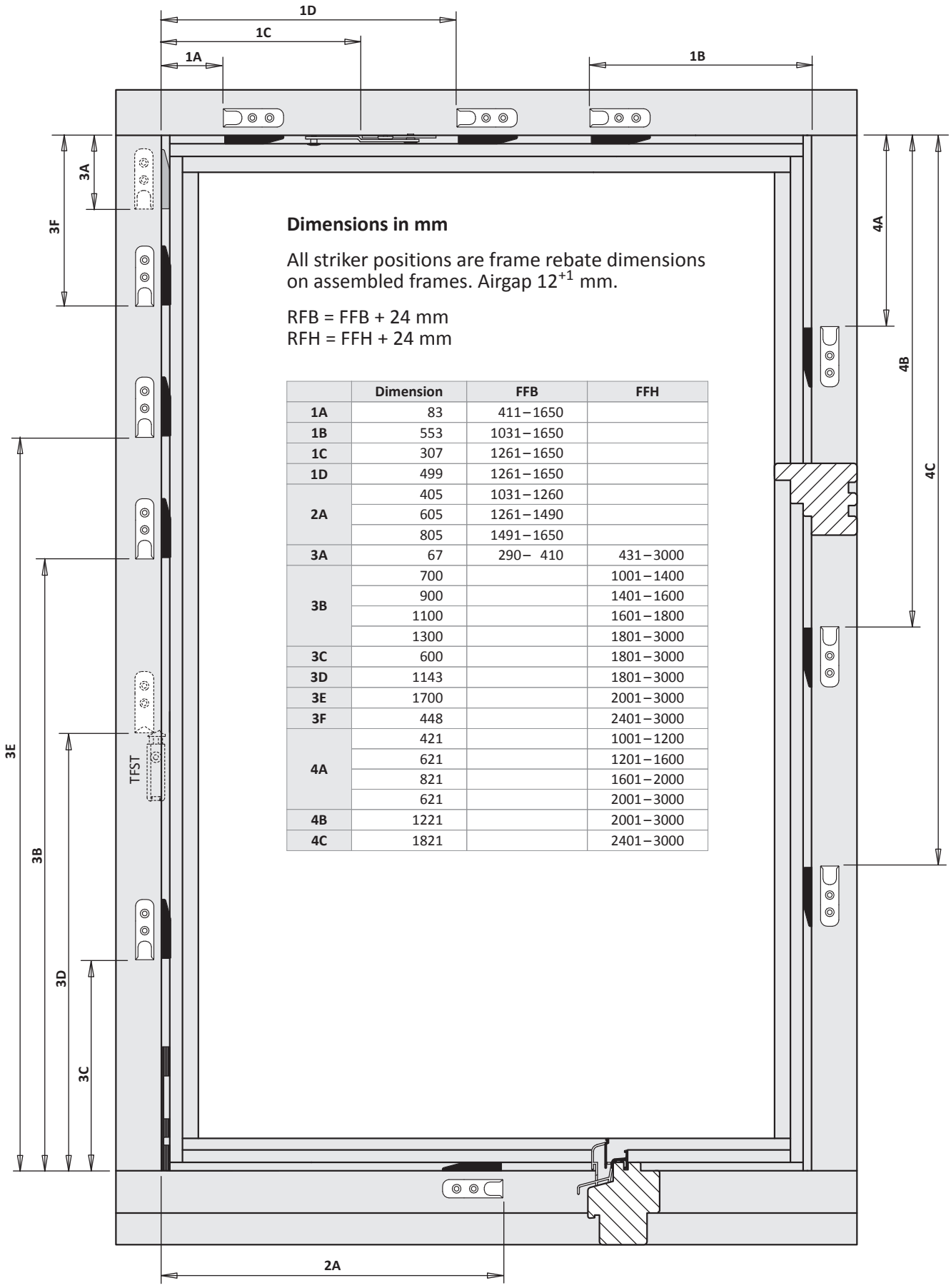
List of fittings

1-sash square tilt-turn
H12 GK Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
27	stay hinge	Ref. PDB, FBWB			1	1
28	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
29	top hinge S	Ref. PDB, FBSL02			1	1
30	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
31	top hinge pin diam.6	FBSB0010-1 ...			1	1
32	bottom hinge	Ref. PDB, FBEL01			1	
33	bottom hinge S	Ref. PDB, FBEL02				1
34	filling piece H timber	Ref. PDB, FBFS			1	1
35	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
36	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
37	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
38	reb.cor.hinge	Ref. PDB, TBFE81			1	1
39	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1



Dimensions in mm

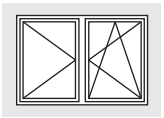
All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1650	
1B	553	1031–1650	
1C	307	1261–1650	
1D	499	1261–1650	
2A	405	1031–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
3B	700		1001–1400
	900		1401–1600
	1100		1601–1800
	1300		1801–3000
3C	600		1801–3000
3D	1143		1801–3000
3E	1700		2001–3000
3F	448		2401–3000
4A	421		1001–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4B	1221		2001–3000
4C	1821		2401–3000

FAVORIT

Installation instructions





without security

2-sash square tilt-turn/turn shoot bolt

timber 12 mm

without security

fixed handle position

Hinge side Si-line

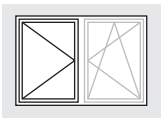
surface TS

backset 15 mm

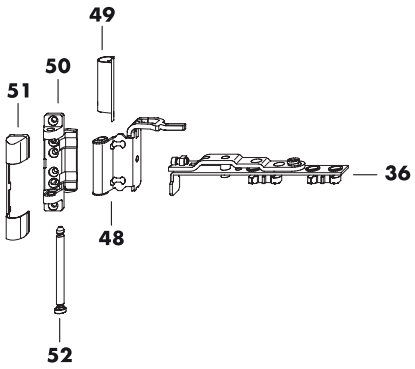
Hardware set configuration	
General	Locking-points distance 1000; vertical tilt point
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose filling pc / pre-mounted

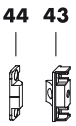
hardware layout slave sash

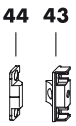
2-sash square tilt-turn/turn shoot bolt
H12 GK Hinge side Si-line

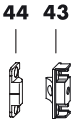


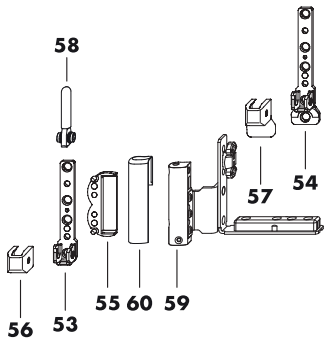










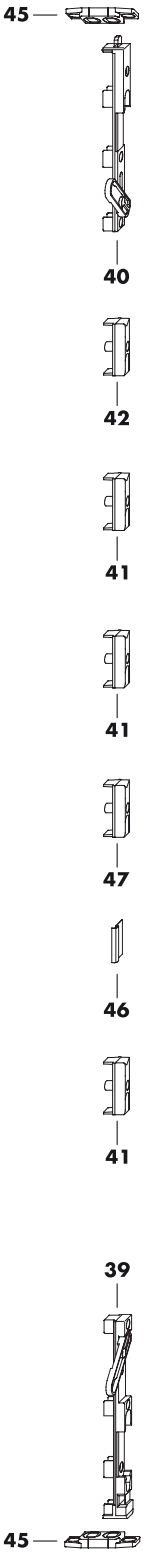


Size range

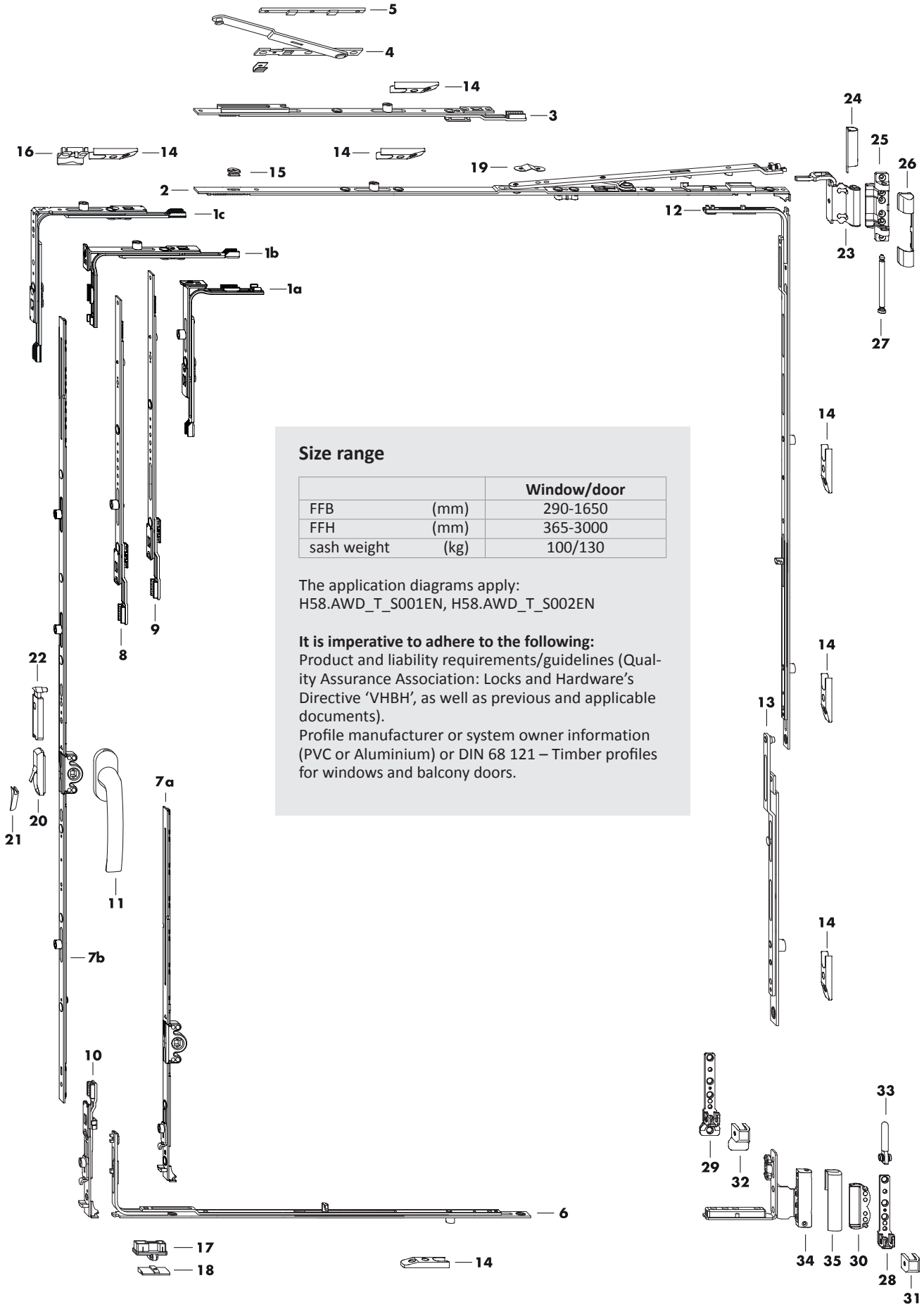
		Window/door
FFB	(mm)	290-800
FFH	(mm)	365-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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.







Size range

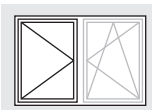
		Window/door
FFB	(mm)	290-1650
FFH	(mm)	365-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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).
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List of fittings slave sash

2-sash square tilt-turn/turn shoot bolt
H12 GK Hinge side Si-line





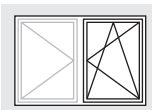
Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.
						In the main sash	45
36	stay 7 DF	707340	1	290 – 800			
37	sash lift .. A2000	TFFH0010- ...	1	290 – 800			
38	run-up FH/TiP	Ref. PDB, TRAL	1	290 – 800			
39	shoot bolt VSU A2000	701126	1		365 – 3000		1
40	shoot bolt VSO A2000	701195	1		365 – 3000		1
41	striker plate 56 A2000	TRSB0030- ...	1		1001 – 1200	500	
	striker plate 56 A2000	TRSB0030- ...			1201 – 1400	600	
	striker plate 56 A2000	TRSB0030- ...			1401 – 1600	700	
	striker plate 56 A2000	TRSB0030- ...			1601 – 1800	700	
	striker plate 56 A2000	TRSB0030- ...	2		1801 – 2000	1000	
	striker plate 56 A2000	TRSB0030- ...	3		2001 – 3000	1000	
42	striker plate 56 A2000	TRSB0030- ...	1		2401 – 3000		
43	sash part MV	Ref. PDB, ZFMV01	1		1001 – 1600		
	sash part MV	Ref. PDB, ZFMV01	2		1601 – 2400		
	sash part MV	Ref. PDB, ZFMV01	3		2401 – 3000		
44	frame part MV	Ref. PDB, ZRZM01	1		1001 – 1600		
	frame part MV	Ref. PDB, ZRZM01	2		1601 – 2400		
	frame part MV	Ref. PDB, ZRZM01	3		2401 – 3000		
45	striker V	Ref. PDB, FRZV01					
on request							
46	run-up	Ref. PDB, FRZF06	1		801 – 3000		
47	striker plate 56 A2000	TRSB0030- ...	1		1801 – 3000		

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
48	stay hinge	Ref. PDB, FBWB			1	1
49	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
50	top hinge S	Ref. PDB, FBSL02			1	1
51	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
52	top hinge pin diam.6	FBSB0010-1 ...			1	1
53	bottom hinge	Ref. PDB, FBEL01			1	
54	bottom hinge S	Ref. PDB, FBEL02				1
55	filling piece H timber	Ref. PDB, FBFS			1	1
56	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
57	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
58	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
59	reb.cor.hinge	Ref. PDB, TBFE81			1	1
60	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.
							14
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	290 – 410	431 – 3000		
1b	corn.drive narrow VSO ..	FEUL0520- ...	1	411 – 800	365 – 430		1
1c	corn.drive VSO ..	FEUL0230- ...	1	411 – 1650			1
2	stay 7 sz 30	707302	1	290 – 620			
	stay 7 sz 35 MV	707319		621 – 800			
	stay 7 sz 50 MV	707326		801 – 1030			
	stay 7 sz 55 MV	707333		1031 – 1260			1
	stay 7 sz 50 MV	707326		1261 – 1490			1
	stay 7 sz 55 MV	707333		1491 – 1650			1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261 – 1650			1
4	additional stay	Ref. PDB, TSZS	1	1261 – 1650			
5	packer Z	Ref. PDB, FRUP01	1	1261 – 1650			
6	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1	1031 – 1260			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...		1261 – 1490			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...		1491 – 1650			1
7a	gear 15 FAV sz 30/G180	FGKK4010- ...	1	411 – 800	365 – 430		
	gear 15 FAV sz 30/G180	FGKK4010- ...			431 – 600	180	
7b	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601 – 800	300	
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801 – 1000	400	
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001 – 1200	500	
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201 – 1400	600	
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401 – 1600	700	
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601 – 1800	700	
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801 – 2000	1000	
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001 – 3000	1000	
8	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201 – 2400		
	linkage FAV sz 400 1V	FZSZ0110- ...			2401 – 3000		
9	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601 – 2800		
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801 – 3000		
10	tilt lock element FAV/FH	FEKB1010- ...	1		601 – 3000		
11	handle Globe	Ref.access. ZHGS	1		365 – 3000		
12	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		1001 – 1200		1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201 – 1600		1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601 – 2000		1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001 – 3000		2
13	MV extension sz 60	700952	1		2401 – 3000		1
14	striker plate 56	Ref. PDB, FRSB					
			on request				
15	location piece ..	702543	1				
16	frame part SP-S	Ref. PDB, FRZL01	1				
17	sash lift .. A2000	TFFH0010- ...	1		365 – 600		
18	run-up FH/TiP	Ref. PDB, TRAL	1		365 – 600		
19	tilt restrictor ..	805701	1		365 – 800		
20	mishandling device FAV.	FFBS0110- ...	1				
21	pressure piece	Ref. PDB, TFFD	1				
22	snapper switchable rh.	TFST0011- ...	1		1801 – 3000		
	snapper switchable lh.	TFST0012- ...			1801 – 3000		

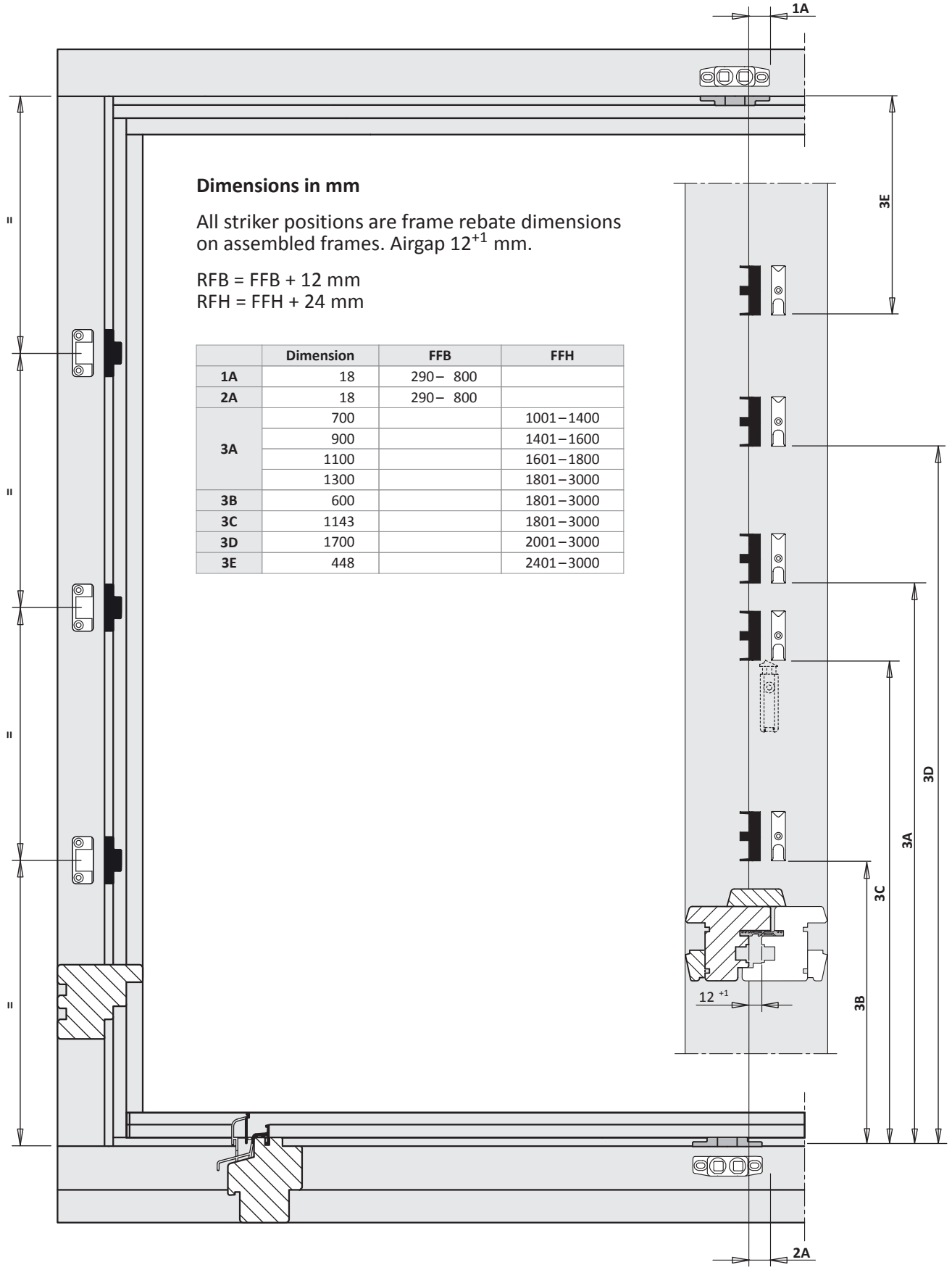
List of fittings main sash

2-sash square tilt-turn/turn shoot bolt
H12 GK Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
23	stay hinge	Ref. PDB, FBWB			1	1
24	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
25	top hinge S	Ref. PDB, FBSL02			1	1
26	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
27	top hinge pin diam.6	FBSB0010-1 ...			1	1
28	bottom hinge	Ref. PDB, FBEL01			1	
29	bottom hinge S	Ref. PDB, FBEL02				1
30	filling piece H timber	Ref. PDB, FBFS			1	1
31	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
32	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
33	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
34	reb.cor.hinge	Ref. PDB, TBFE81			1	1
35	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1



Dimensions in mm

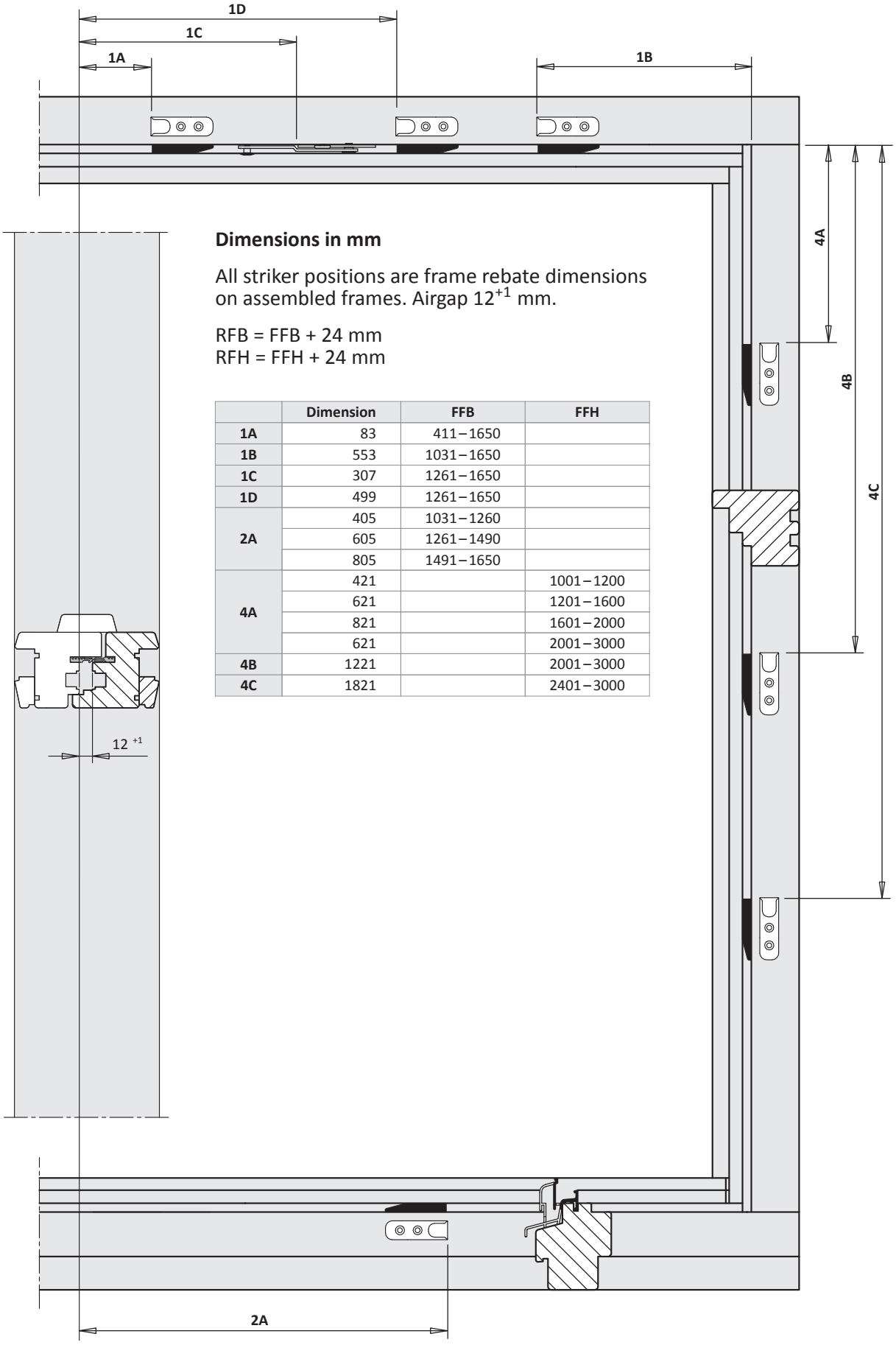
All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	18	290 – 800	
2A	18	290 – 800	
3A	700		1001 – 1400
	900		1401 – 1600
	1100		1601 – 1800
	1300		1801 – 3000
3B	600		1801 – 3000
3C	1143		1801 – 3000
3D	1700		2001 – 3000
3E	448		2401 – 3000

Frame dimensions main sash

2-sash square tilt-turn/turn shoot bolt
H12 GK Hinge side Si-line



Dimensions in mm

All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411 – 1650	
1B	553	1031 – 1650	
1C	307	1261 – 1650	
1D	499	1261 – 1650	
2A	405	1031 – 1260	
	605	1261 – 1490	
	805	1491 – 1650	
4A	421		1001 – 1200
	621		1201 – 1600
	821		1601 – 2000
	621		2001 – 3000
4B	1221		2001 – 3000
4C	1821		2401 – 3000

FAVORIT

Installation instructions





GS

1-sash square tilt-turn

timber 12 mm

basic security

fixed handle position

Hinge side Si-line

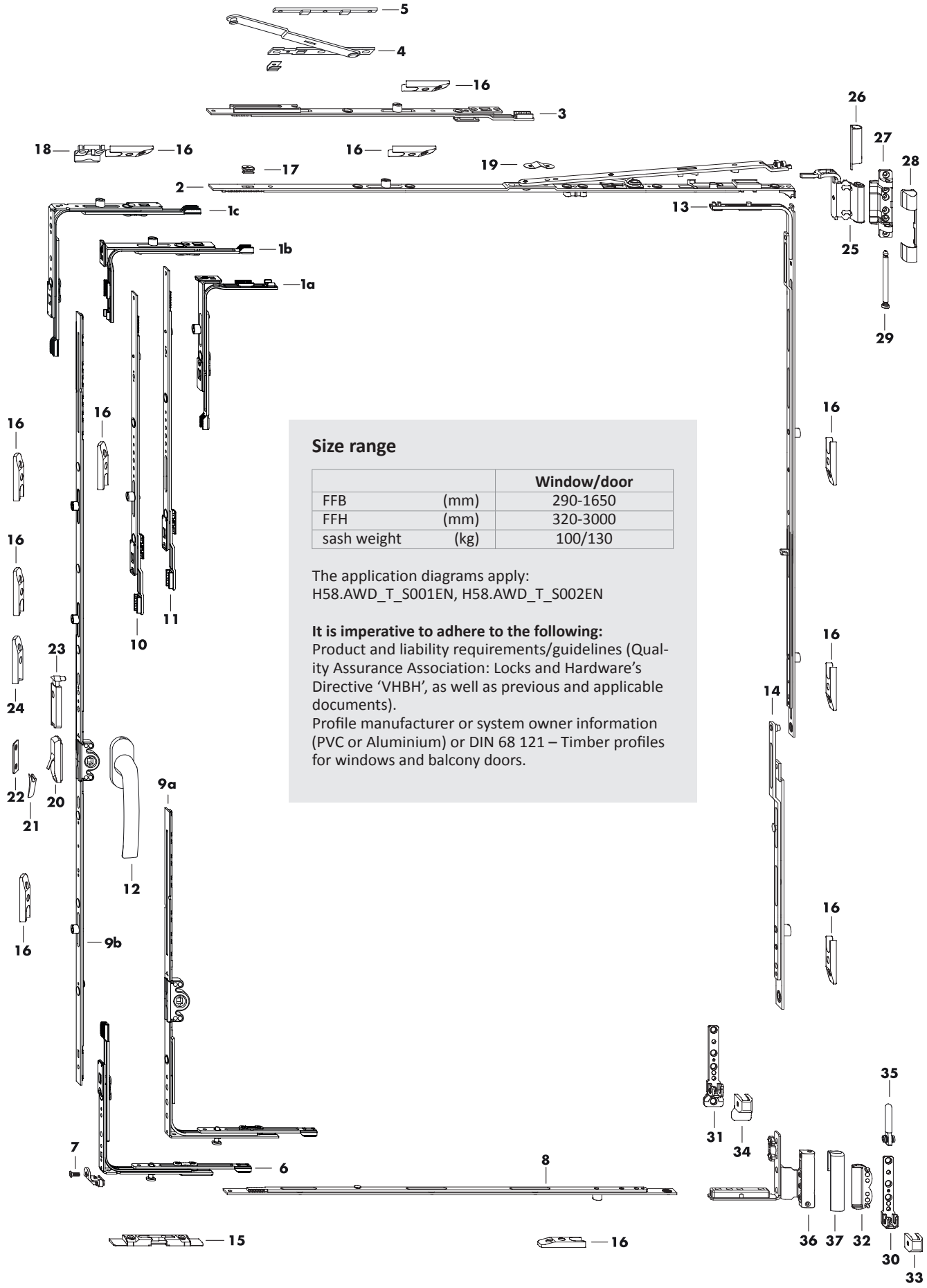
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 1000
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose filling pc / pre-mounted

hardware layout

1-sash square tilt-turn
H12 GK Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

It is imperative to adhere to the following:
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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	Number of frame parts / Pos.	
							15	16
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	290– 410	431–3000			1
1b	corn.drive narrow VSO ..	FEUL0520- ...	1	411– 800	320– 430			1
1c	corn.drive VSO ..	FEUL0230- ...	1	411–1650	431–3000			1
2	stay 7 sz 30	707302	1	290– 620				
	stay 7 sz 35 MV	707319		621– 800				
	stay 7 sz 50 MV	707326		801–1030				
	stay 7 sz 55 MV	707333		1031–1260				1
	stay 7 sz 50 MV	707326		1261–1490				1
	stay 7 sz 55 MV	707333		1491–1650				1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650				1
4	additional stay	Ref. PDB, TSZS	1	1261–1650				
5	packer Z	Ref. PDB, FRUP01	1	1261–1650				
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1	
7	sash lift S-ES	Ref. PDB, FMFH	1	290–1650				
8	centre lock sz 50	700969	1	1031–1260				1
	centre lock sz 70	700976		1261–1490				1
	centre lock sz 90	700983		1491–1650				1
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1	
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...		290–1260	431– 600	180	1	
9b	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601– 800	300		
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801–1000	400		
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001–1200	500		1
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201–1400	600		1
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401–1600	700		1
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601–1800	700		1
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801–2000	1000		2
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001–3000	1000		3
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201–2400			
	linkage FAV sz 400 1V	FZSZ0110- ...			2401–3000			1
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601–2800			
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801–3000			
12	handle Globe	Ref.access. ZHGS	1		320–3000			
13	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		1001–1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1600			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601–2000			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001–3000			2
14	MV extension sz 60	700952	1		2401–3000			1
15	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
16	striker plate 56	Ref. PDB, FRSB						
on request								
17	location piece ..	702543	1					
18	frame part SP-S	Ref. PDB, FRZL01	1					
19	tilt restrictor ..	805701	1		320– 800			
20	mishandling device FAV.	FFBS0110- ...	1					
21	pressure piece	Ref. PDB, TFFD	1					
22	stop	Ref. PDB, FRZF01	1					
23	snapper switchable rh.	TFST0011- ...	1		1801–3000			
	snapper switchable lh.	TFST0012- ...			1801–3000			
24	frame part snapper	Ref. PDB, TRST	1		1801–3000			

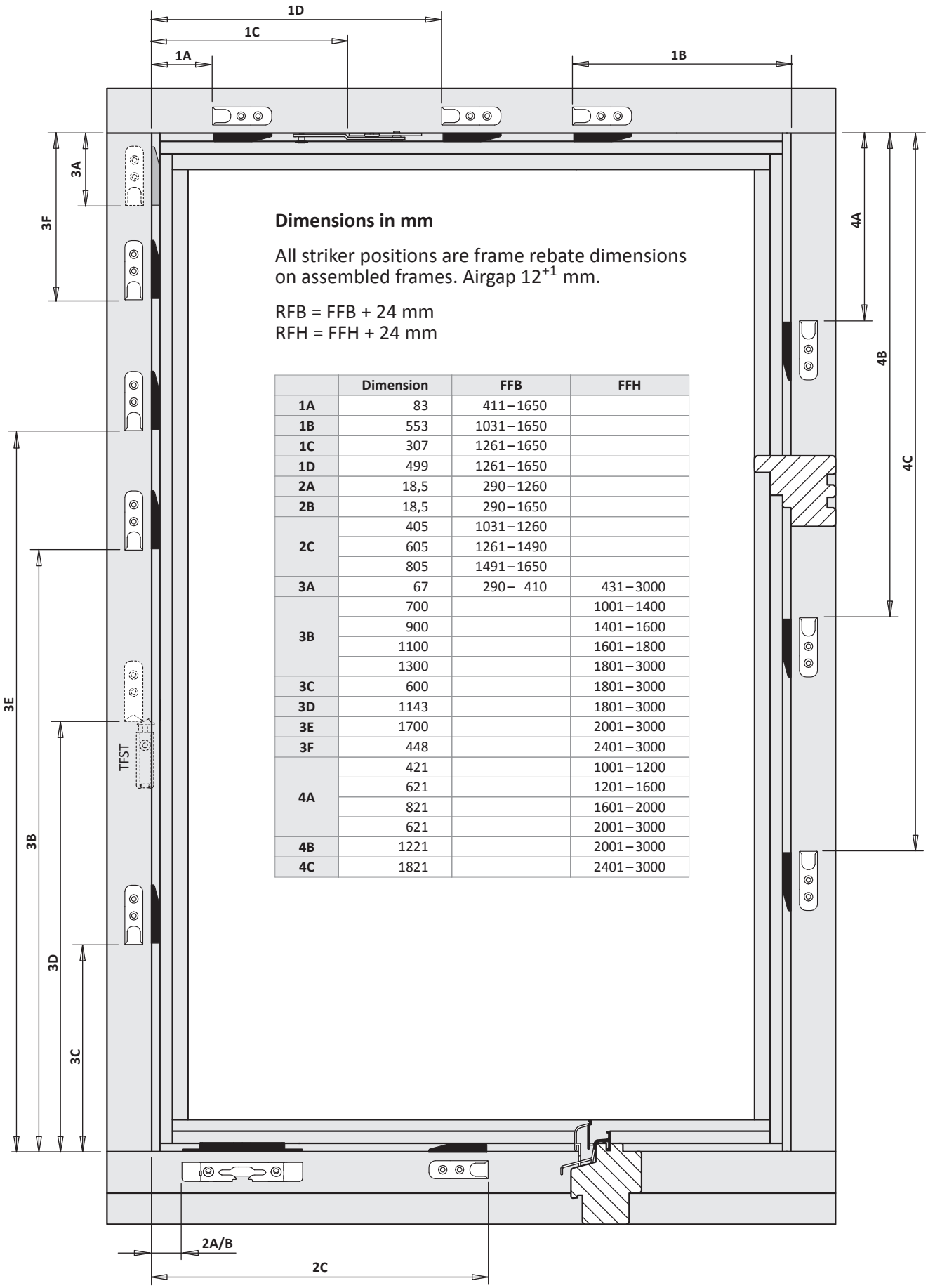
List of fittings

1-sash square tilt-turn
H12 GK Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
25	stay hinge	Ref. PDB, FBWB			1	1
26	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
27	top hinge S	Ref. PDB, FBSL02			1	1
28	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
29	top hinge pin diam.6	FBSB0010-1 ...			1	1
30	bottom hinge	Ref. PDB, FBEL01			1	
31	bottom hinge S	Ref. PDB, FBEL02				1
32	filling piece H timber	Ref. PDB, FBFS			1	1
33	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
34	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
35	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
36	reb.cor.hinge	Ref. PDB, TBFE81			1	1
37	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1



Dimensions in mm

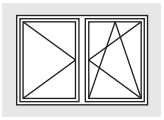
All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1650	
1B	553	1031–1650	
1C	307	1261–1650	
1D	499	1261–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	1031–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
3B	700		1001–1400
	900		1401–1600
	1100		1601–1800
	1300		1801–3000
3C	600		1801–3000
3D	1143		1801–3000
3E	1700		2001–3000
3F	448		2401–3000
4A	421		1001–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4B	1221		2001–3000
4C	1821		2401–3000

FAVORIT

Installation instructions





GS

2-sash square tilt-turn/turn DSG gear

timber 12 mm

basic security

fixed handle position

Hinge side Si-line

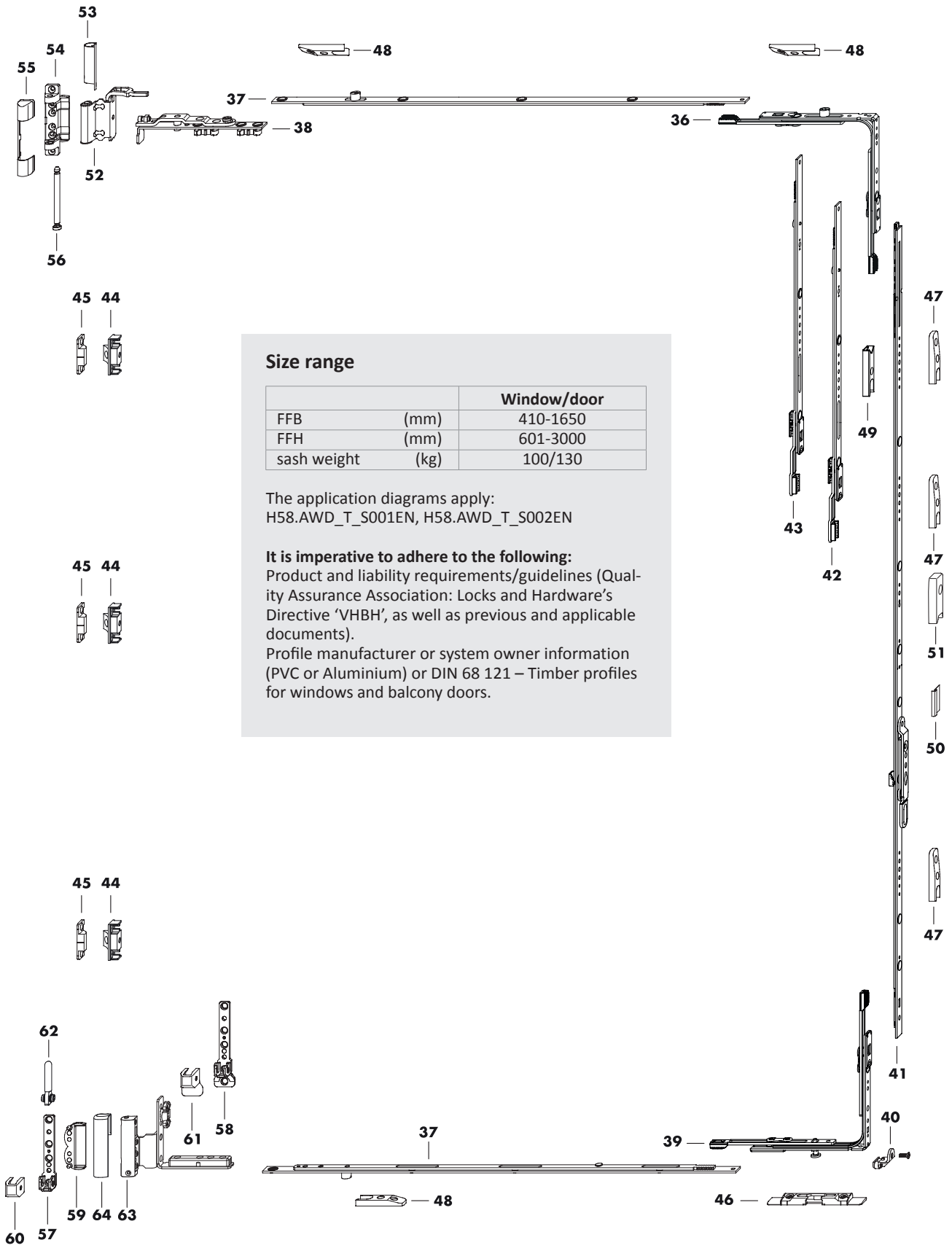
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 1000
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose filling pc / pre-mounted

hardware layout slave sash

2-sash square tilt-turn/turn DSG gear
H12 GK Hinge side Si-line

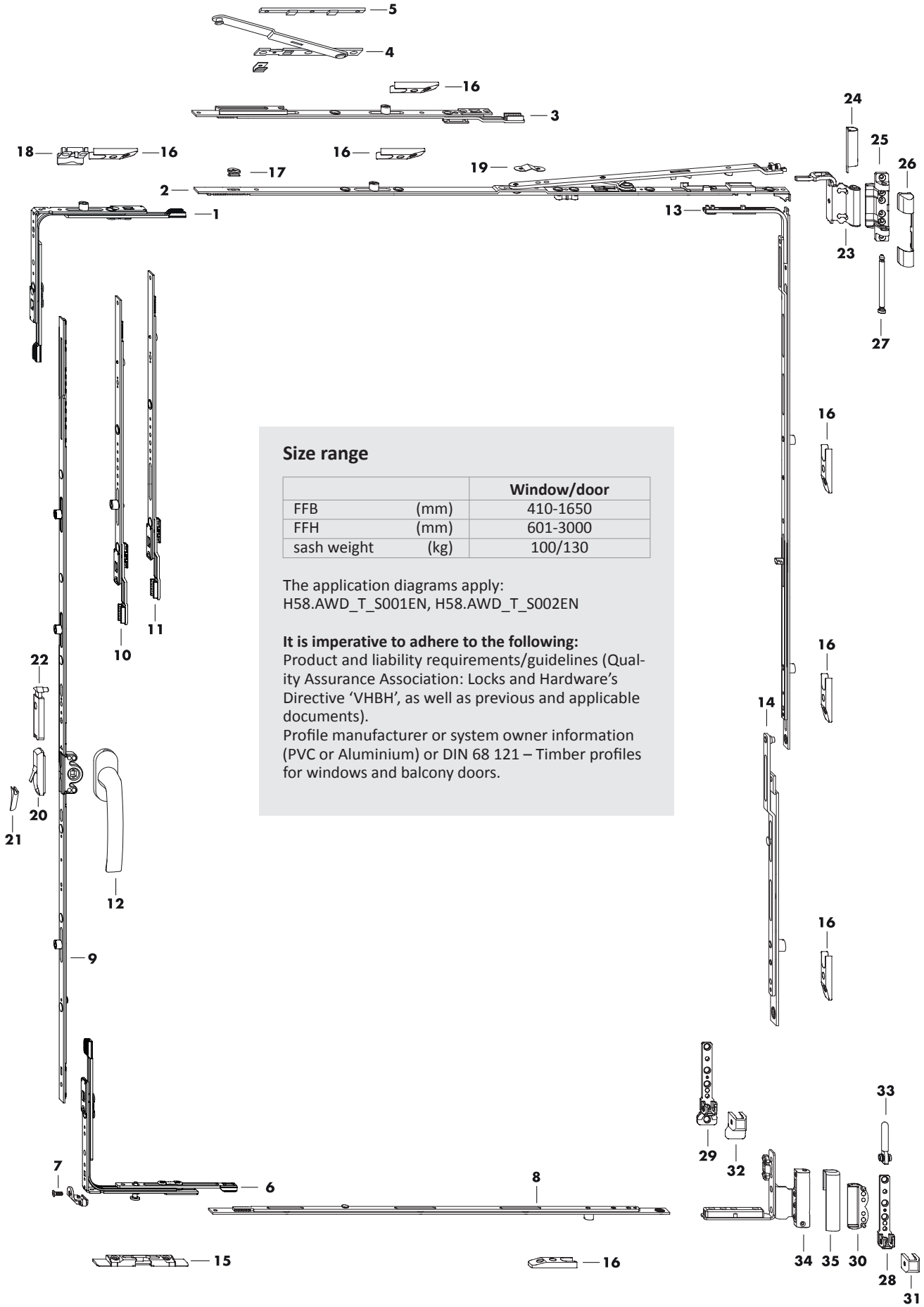


Size range

		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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.



Size range

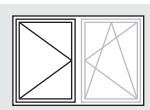
		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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List of fittings slave sash

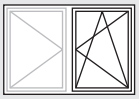
2-sash square tilt-turn/turn DSG gear
H12 GK Hinge side Si-line





Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.			
						In the main sash	46	47	48	49
36	corn.drive VSO ..	FEUL0230- ...	1	410 – 1650					1	
37	centre lock sz 50	700969	2	1031 – 1260					2	
	centre lock sz 70	700976		1261 – 1490					2	
	centre lock sz 90	700983		1491 – 1650					2	
38	stay 7 DF	707340	1	410 – 1650						
39	corn.drive FAV VS 1S ..	FEUL0510- ...	1	410 – 1650			1			
40	sash lift S-ES	Ref. PDB, FMFH	1	410 – 1650						
41	s.sash gear16 FAV 60/300	FGKS4030- ...	1		601 – 800	300				
	s.sash gear16 FAV 80/400 1SB	FGKS4050- ...			801 – 1000	400				
	s.sash gear16 FAV 100/500 1SB	FGKS4060- ...			1001 – 1200	500		1		
	s.sash gear16 FAV 120/600 1SB	FGKS4070- ...			1201 – 1400	600		1		
	s.sash gear16 FAV 140/700 2SB	FGKS4290- ...			1401 – 1600	700		1		
	s.sash gear16 FAV 160/700 2SB	FGKS4330- ...			1601 – 1800	700		1		
	s.sash gear16 FAV 180/1000 2SB	FGKS4100- ...			1801 – 2000	1000		1		
	s.sash gear16 FAV 200/1000 3SB	FGKS4280- ...			2001 – 3000	1000		1		
42	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201 – 2400					
	linkage FAV sz 400 A0767	FZSZ0130- ...			2401 – 3000					1
43	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601 – 2800					1
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801 – 3000					
44	sash part MV	Ref. PDB, ZFMV01	1		1001 – 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		1001 – 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 plate f. gear MV	Ref. PDB, FRSA02								
48	striker plate 56	Ref. PDB, FRSB								
49	striker plate 56 A0767	TRSB0020- ...								
on request										
50	stop	Ref. PDB, FRZF04	1		801 – 3000					
51	striker snapper A0767	TRST0010- ...	1		1801 – 3000					

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
52	stay hinge	Ref. PDB, FBWB			1	1
53	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
54	top hinge S	Ref. PDB, FBSL02			1	1
55	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
56	top hinge pin diam.6	FBSB0010-1 ...			1	1
57	bottom hinge	Ref. PDB, FBEL01			1	
58	bottom hinge S	Ref. PDB, FBEL02				1
59	filling piece H timber	Ref. PDB, FBFS			1	1
60	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
61	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
62	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
63	reb.cor.hinge	Ref. PDB, TBFE81			1	1
64	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1

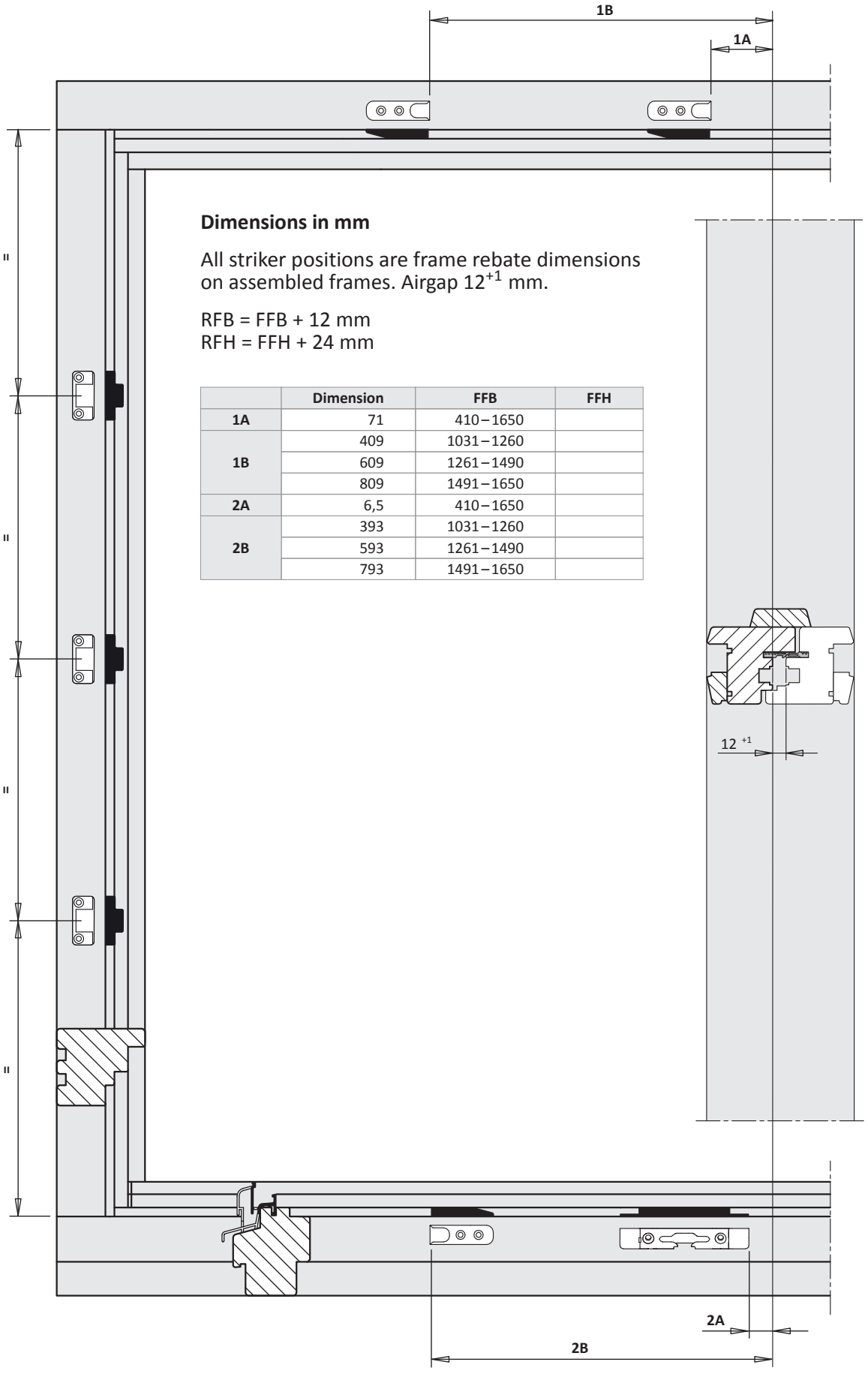



Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							15	16
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	410– 410				
1b	corn.drive VSO ..	FEUL0230- ...	1	411–1650				1
2	stay 7 sz 30	707302	1	410– 620				
	stay 7 sz 35 MV	707319		621– 800				
	stay 7 sz 50 MV	707326		801–1030				
	stay 7 sz 55 MV	707333		1031–1260				1
	stay 7 sz 50 MV	707326		1261–1490				1
	stay 7 sz 55 MV	707333		1491–1650				1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650				1
4	additional stay	Ref. PDB, TSZS	1	1261–1650				
5	packer Z	Ref. PDB, FRUP01	1	1261–1650				
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	410–1650			1	
7	sash lift S-ES	Ref. PDB, FMFH	1	410–1650				
8	centre lock sz 50	700969	1	1031–1260				1
	centre lock sz 70	700976		1261–1490				1
	centre lock sz 90	700983		1491–1650				1
9	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601– 800	300		
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801–1000	400		
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001–1200	500		
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201–1400	600		
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401–1600	700		
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601–1800	700		
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801–2000	1000		
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001–3000	1000		
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201–2400			
	linkage FAV sz 400 1V	FZSZ0110- ...			2401–3000			
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601–2800			
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801–3000			
12	handle Globe	Ref.access. ZHGS	1		601–3000			
13	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		1001–1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1600			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601–2000			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001–3000			2
14	MV extension sz 60	700952	1		2401–3000			1
15	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
16	striker plate 56	Ref. PDB, FRSB						
on request								
17	location piece ..	702543	1					
18	frame part SP-S	Ref. PDB, FRZL01	1	411–1650				
19	tilt restrictor ..	805701	1		601– 800			
20	mishandling device FAV.	FFBS0110- ...	1		801–3000			
21	pressure piece	Ref. PDB, TFFD	1		801–3000			
22	snapper switchable rh.	TFST0011- ...	1		1801–3000			
	snapper switchable lh.	TFST0012- ...			1801–3000			

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
23	stay hinge	Ref. PDB, FBWB			1	1
24	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
25	top hinge S	Ref. PDB, FBSL02			1	1
26	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
27	top hinge pin diam.6	FBSB0010-1 ...			1	1
28	bottom hinge	Ref. PDB, FBEL01			1	
29	bottom hinge S	Ref. PDB, FBEL02				1
30	filling piece H timber	Ref. PDB, FBFS			1	1
31	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
32	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
33	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
34	reb.cor.hinge	Ref. PDB, TBFE81			1	1
35	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1

Frame dimensions slave sash

2-sash square tilt-turn/turn DSG gear
H12 GK Hinge side Si-line

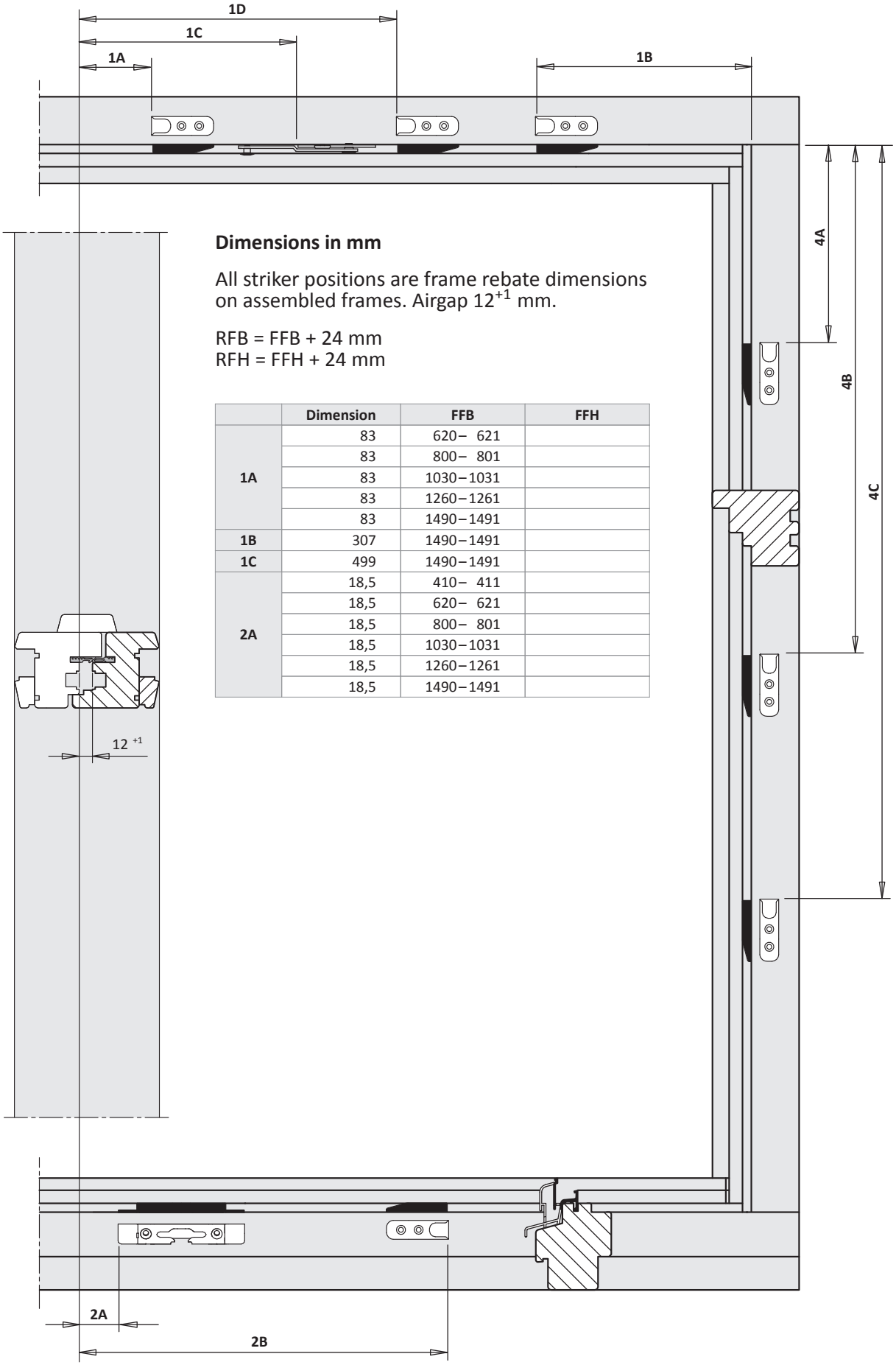


Dimensions in mm

All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	71	410 – 1650	
1B	409	1031 – 1260	
	609	1261 – 1490	
	809	1491 – 1650	
2A	6,5	410 – 1650	
2B	393	1031 – 1260	
	593	1261 – 1490	
	793	1491 – 1650	



Dimensions in mm

All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

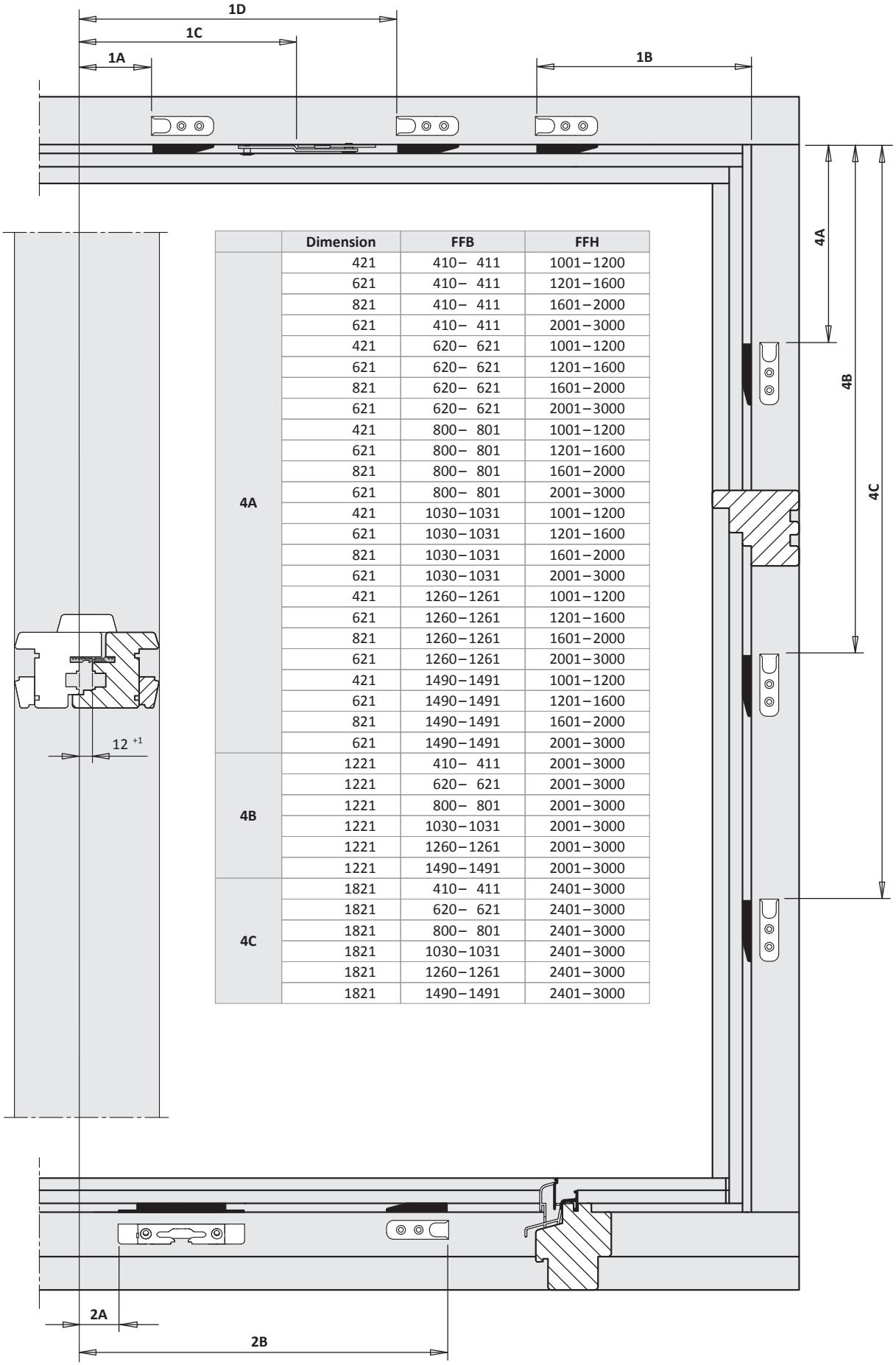
RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	620 – 621	
	83	800 – 801	
	83	1030 – 1031	
	83	1260 – 1261	
	83	1490 – 1491	
1B	307	1490 – 1491	
1C	499	1490 – 1491	
2A	18,5	410 – 411	
	18,5	620 – 621	
	18,5	800 – 801	
	18,5	1030 – 1031	
	18,5	1260 – 1261	
	18,5	1490 – 1491	

5

Frame dimensions main sash

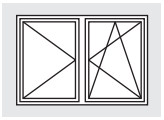
2-sash square tilt-turn/turn DSG gear
H12 GK Hinge side Si-line



	Dimension	FFB	FFH
4A	421	410– 411	1001–1200
	621	410– 411	1201–1600
	821	410– 411	1601–2000
	621	410– 411	2001–3000
	421	620– 621	1001–1200
	621	620– 621	1201–1600
	821	620– 621	1601–2000
	621	620– 621	2001–3000
	421	800– 801	1001–1200
	621	800– 801	1201–1600
	821	800– 801	1601–2000
	621	800– 801	2001–3000
	421	1030–1031	1001–1200
	621	1030–1031	1201–1600
	821	1030–1031	1601–2000
	621	1030–1031	2001–3000
	421	1260–1261	1001–1200
	621	1260–1261	1201–1600
	821	1260–1261	1601–2000
	621	1260–1261	2001–3000
	421	1490–1491	1001–1200
	621	1490–1491	1201–1600
	821	1490–1491	1601–2000
	621	1490–1491	2001–3000
4B	1221	410– 411	2001–3000
	1221	620– 621	2001–3000
	1221	800– 801	2001–3000
	1221	1030–1031	2001–3000
	1221	1260–1261	2001–3000
	1221	1490–1491	2001–3000
4C	1821	410– 411	2401–3000
	1821	620– 621	2401–3000
	1821	800– 801	2401–3000
	1821	1030–1031	2401–3000
	1821	1260–1261	2401–3000
	1821	1490–1491	2401–3000

FAVORIT

Installation instructions





GS

2-sash square tilt-turn/turn DS gear

timber 12 mm

basic security

fixed handle position

Hinge side Si-line

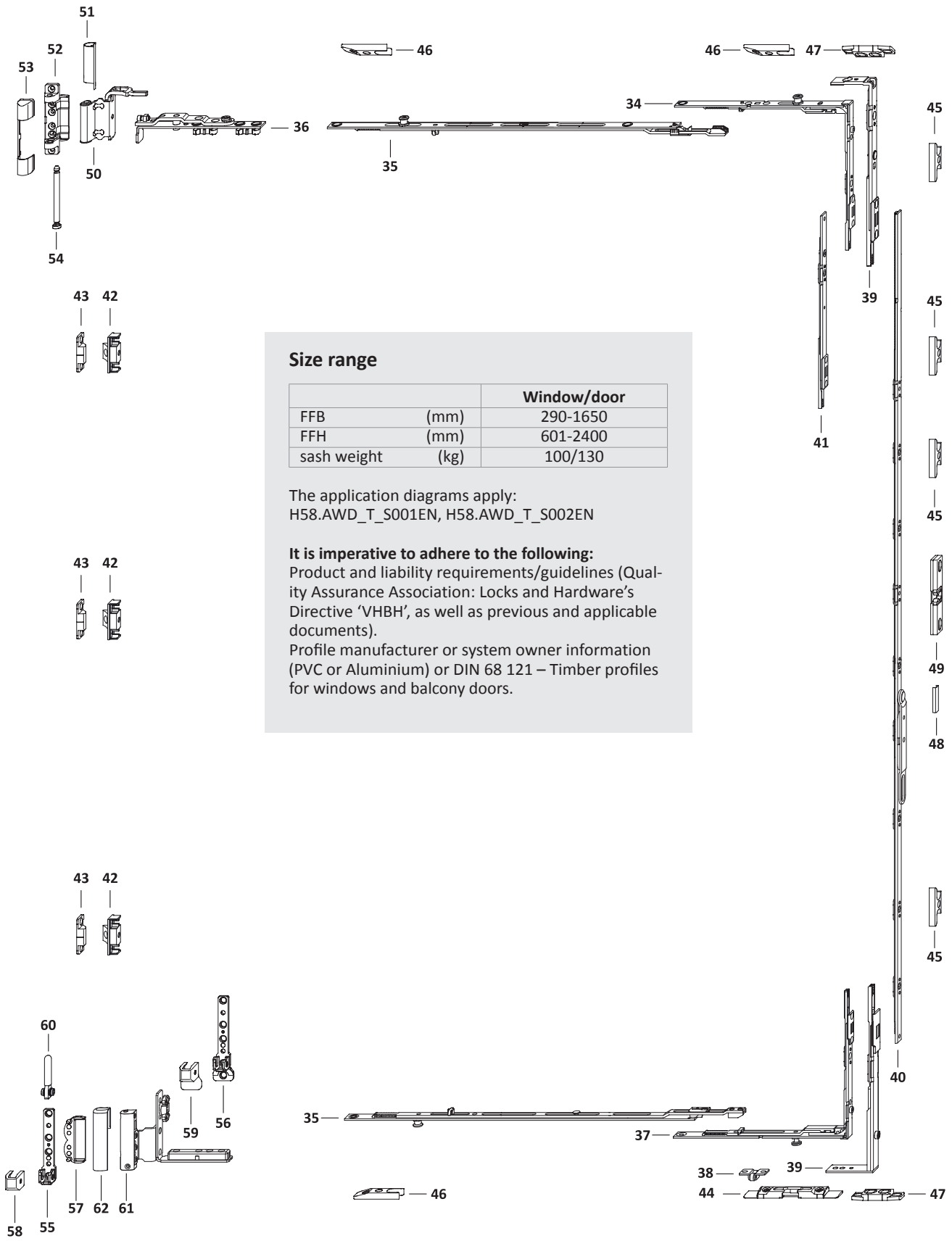
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 1000
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose filling pc / pre-mounted

hardware layout slave sash

2-sash square tilt-turn/turn DS gear
H12 GK Hinge side Si-line

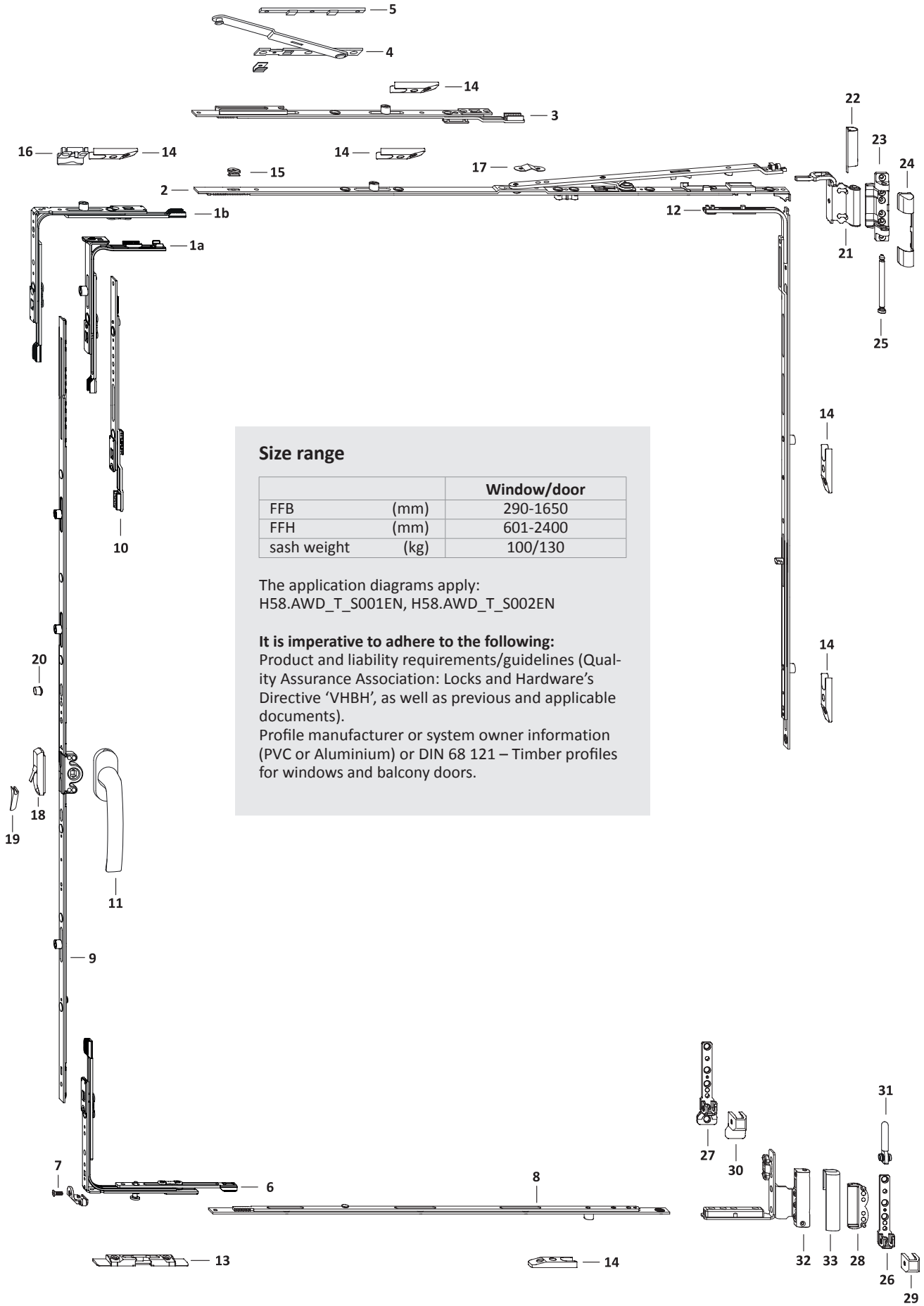


Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	601-2400
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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Size range

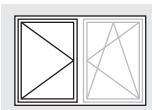
		Window/door
FFB	(mm)	290-1650
FFH	(mm)	601-2400
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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List of fittings slave sash

2-sash square tilt-turn/turn DS gear
H12 GK Hinge side Si-line





Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.			
						In the main sash	44	45	46	47
34	corn.drive VSO/K+ DS 1RS	TEUL4120- ...	1	411 – 1650					1	
35	linkage BS/FH sz 2+ 1RS	TZBS0190- ...	2	1031 – 1260					2	
	linkage BS/FH sz 3+ 1RS	TZBS0200- ...		1261 – 1650					2	
36	stay 7 DF	707340	1	290 – 1650						
37	corn.drive AF VSU/K+ DS 1S	TEUL1230- ...	1	411 – 1650			1			
38	sash lift ..	TFFH0020- ...	1	411 – 1650						
39	locking bolt VSO-DS	703274	2	290 – 410	601 – 2400					2
40	sec.sash gear 8 sz 60/G300	TGKS1030- ...	1		601 – 800	300				
	sec.sash gear 8 sz 80/G400	TGKS1050- ...			801 – 1000	400				
	sec.sash gear 8 sz 100/G500	TGKS1060- ...			1001 – 1200	500		1		
	sec.sash gear 8 sz 120/G600	TGKS1070- ...			1201 – 1400	600		1		
	sec.sash gear 8 sz 140/G700 70	TGKS1160- ...			1401 – 1600	700		1		
	sec.sash gear 8 160/G700 2SB70 70	TGKS1150- ...			1601 – 1800	700		1		
	sec.sash gear 8 sz 180/G1000 2 70	TGKS1170- ...			1801 – 2000	1000		1		
	sec.sash gear 8 sz 200/G1000 3 70	TGKS1180- ...			2001 – 2400	1000		1		
41	linkage KS sec.sash 8 sz 1	TZKS1010- ...	1		2201 – 2400					
42	sash part MV	Ref. PDB, ZFMV01	1		1001 – 1600					
	sash part MV	Ref. PDB, ZFMV01	2		1601 – 2400					
43	frame part MV	Ref. PDB, ZRZM01	1		1001 – 1600					
	frame part MV	Ref. PDB, ZRZM01	2		1601 – 2400					
44	tilt lock bear. S-ES FH	Ref. PDB, FRKA								
45	striker plate f. gear TL	Ref. PDB, FRSA05								
46	striker plate 56	Ref. PDB, FRSB								
47	striker V	Ref. PDB, FRZV02								
on request										
48	stop	Ref. PDB, FRZF05	1		801 – 2400					
49	snapper	Ref. PDB, FRZB03	1		1801 – 2400					

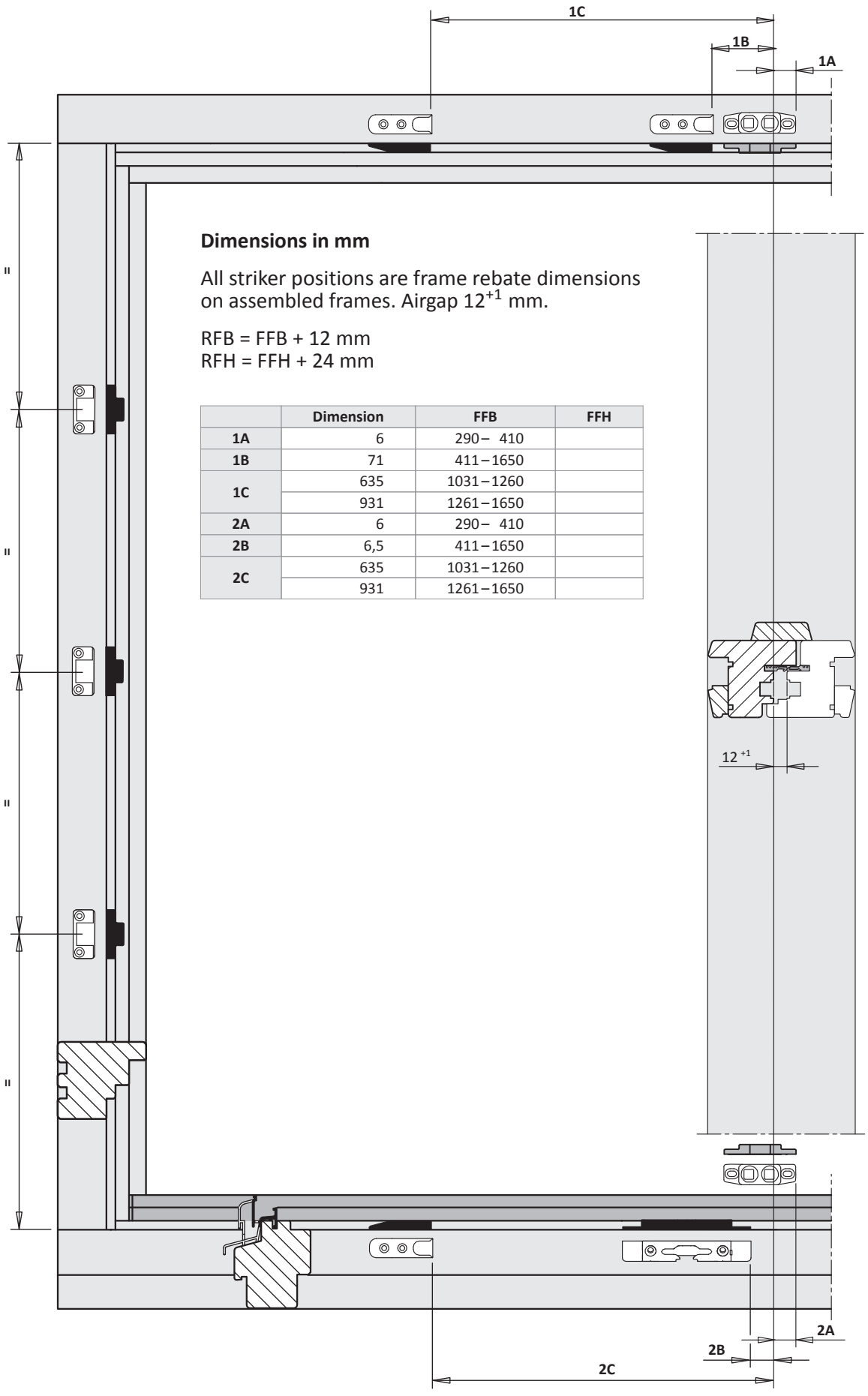
Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
50	stay hinge	Ref. PDB, FBWB			1	1
51	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
52	top hinge S	Ref. PDB, FBSL02			1	1
53	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
54	top hinge pin diam.6	FBSB0010-1 ...			1	1
55	bottom hinge	Ref. PDB, FBEL01			1	
56	bottom hinge S	Ref. PDB, FBEL02				1
57	filling piece H timber	Ref. PDB, FBFS			1	1
58	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
59	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
60	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
61	reb.cor.hinge	Ref. PDB, TBFE81			1	1
62	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							13	14
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	290 – 410				
1b	corn.drive VSO ..	FEUL0230- ...	1	411 – 1650				1
2	stay 7 sz 30	707302	1	290 – 620				
	stay 7 sz 35 MV	707319		621 – 800				
	stay 7 sz 50 MV	707326		801 – 1030				
	stay 7 sz 55 MV	707333		1031 – 1260				1
	stay 7 sz 50 MV	707326		1261 – 1490				1
	stay 7 sz 55 MV	707333		1491 – 1650				1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261 – 1650				1
4	additional stay	Ref. PDB, TSZS	1	1261 – 1650				
5	packer Z	Ref. PDB, FRUP01	1	1261 – 1650				
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290 – 1650			1	
7	sash lift S-ES	Ref. PDB, FMFH	1	290 – 1650				
8	centre lock sz 50	700969	1	1031 – 1260				1
	centre lock sz 70	700976		1261 – 1490				1
	centre lock sz 90	700983		1491 – 1650				1
9	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601 – 800	300		
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801 – 1000	400		
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001 – 1200	500		
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201 – 1400	600		
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401 – 1600	700		
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601 – 1800	700		
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801 – 2000	1000		
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001 – 2400	1000		
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201 – 2400			
11	handle Globe	Ref.access. ZHGS	1		601 – 2400			
12	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		1001 – 1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201 – 1600			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601 – 2000			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001 – 2400			2
13	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
14	striker plate 56	Ref. PDB, FRSB						
on request								
15	location piece ..	702543	1					
16	frame part SP-S	Ref. PDB, FRZL01	1	411 – 1650				
17	tilt restrictor ..	805701	1		601 – 800			
18	mishandling device FAV.	FFBS0110- ...	1		801 – 2400			
19	pressure piece	Ref. PDB, TFFD	1		801 – 2400			
20	sleeve DS	Ref. PDB, FFHU03	1		1801 – 2400			

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
21	stay hinge	Ref. PDB, FBWB			1	1
22	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
23	top hinge S	Ref. PDB, FBSL02			1	1
24	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
25	top hinge pin diam.6	FBSB0010-1 ...			1	1
26	bottom hinge	Ref. PDB, FBEL01			1	
27	bottom hinge S	Ref. PDB, FBEL02				1
28	filling piece H timber	Ref. PDB, FBFS			1	1
29	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
30	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
31	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
32	reb.cor.hinge	Ref. PDB, TBFE81			1	1
33	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1

Frame dimensions slave sash

2-sash square tilt-turn/turn DS gear
H12 GK Hinge side Si-line

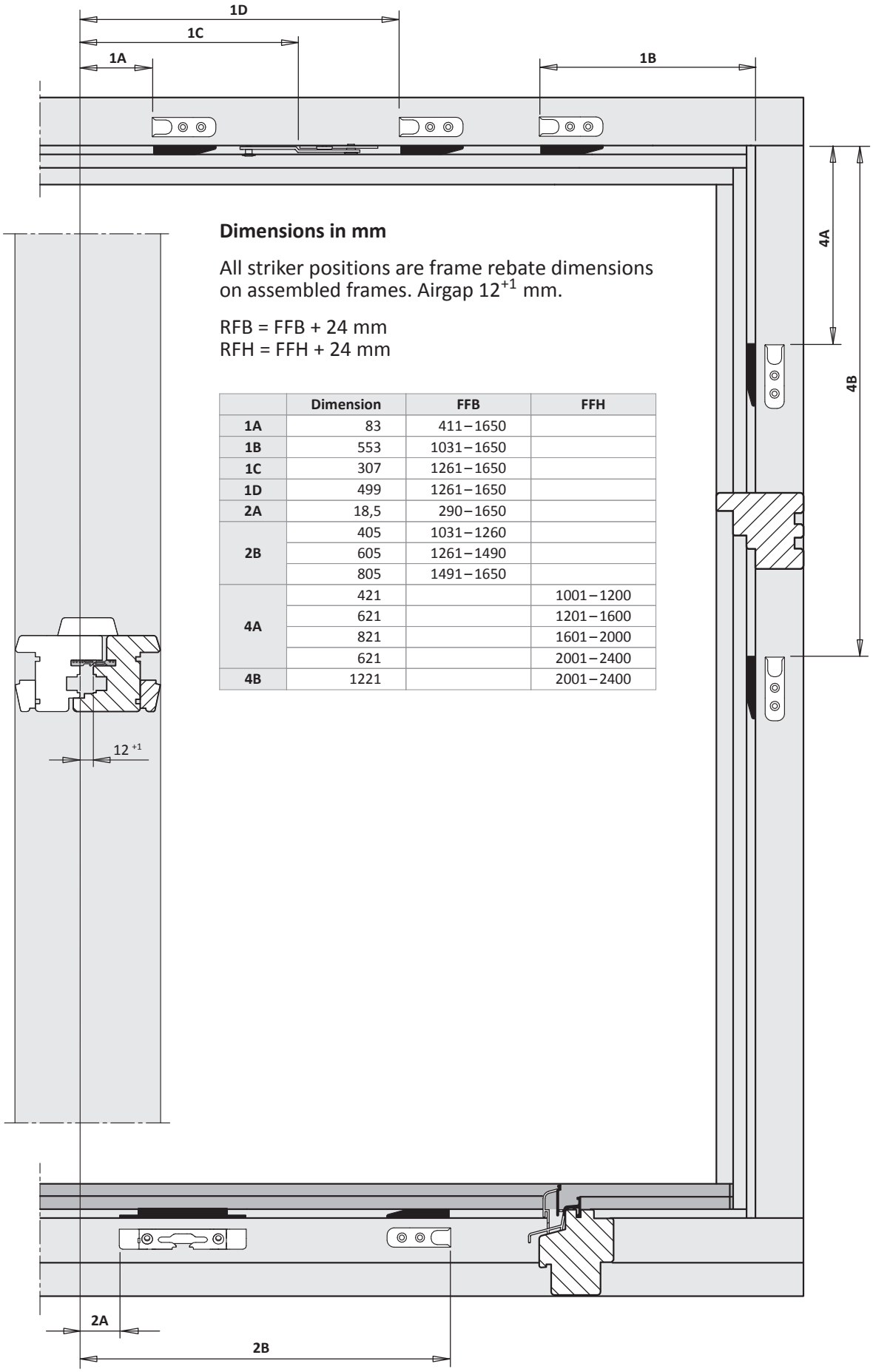


Dimensions in mm

All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	6	290 – 410	
1B	71	411 – 1650	
1C	635	1031 – 1260	
	931	1261 – 1650	
2A	6	290 – 410	
2B	6,5	411 – 1650	
2C	635	1031 – 1260	
	931	1261 – 1650	



Dimensions in mm

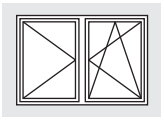
All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411 – 1650	
1B	553	1031 – 1650	
1C	307	1261 – 1650	
1D	499	1261 – 1650	
2A	18,5	290 – 1650	
2B	405	1031 – 1260	
	605	1261 – 1490	
	805	1491 – 1650	
4A	421		1001 – 1200
	621		1201 – 1600
	821		1601 – 2000
	621		2001 – 2400
4B	1221		2001 – 2400

FAVORIT

Installation instructions





GS

2-sash square tilt-turn/turn shoot bolt

timber 12 mm

basic security

fixed handle position

Hinge side Si-line

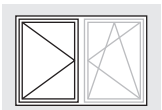
surface TS

backset 15 mm

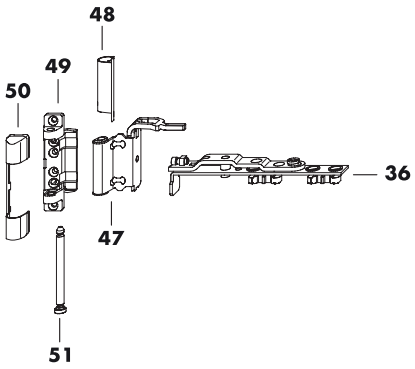
Hardware set configuration	
General	Locking-points distance 1000
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose filling pc / pre-mounted

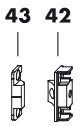
hardware layout slave sash

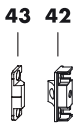
2-sash square tilt-turn/turn shoot bolt
H12 GK Hinge side Si-line

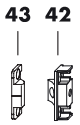


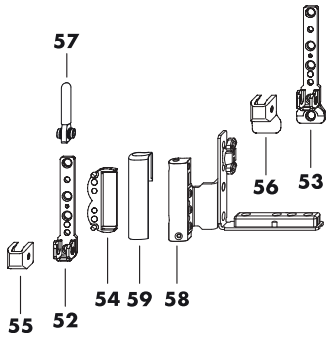


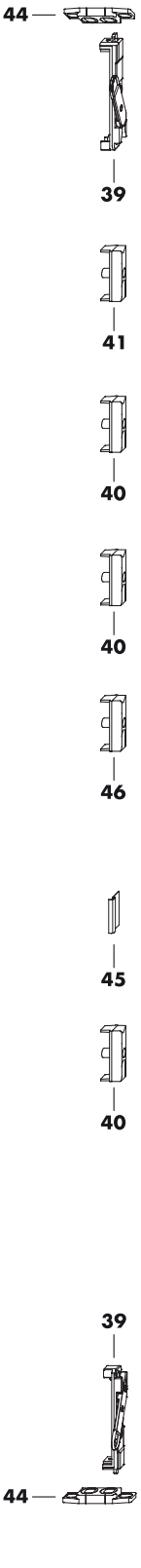












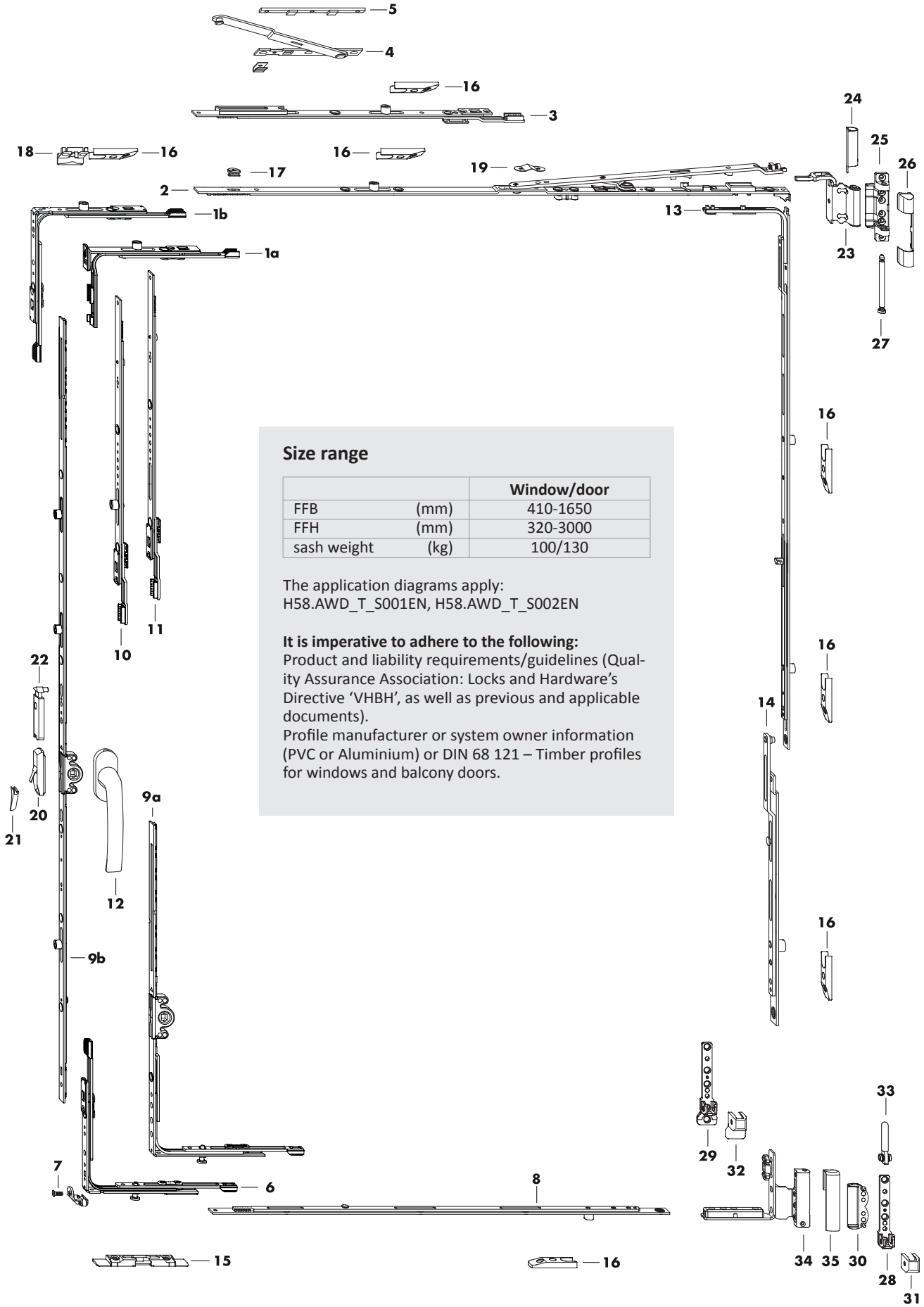


Size range

		Window/door
FFB	(mm)	230-1030
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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.



Size range

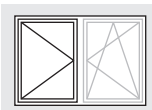
		Window/door
FFB	(mm)	410-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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).
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List of fittings slave sash

2-sash square tilt-turn/turn shoot bolt
H12 GK Hinge side Si-line





Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.
						In the main sash	44
36	stay 7 DF	707340	1	230 – 1030			
37	sash lift .. A2000	TFFH0010- ...	1	230 – 1030			
38	run-up FH/TiP	Ref. PDB, TRAL	1	230 – 1030			
39	short shoot bolt A2000	716236	2		320 – 3000		2
40	striker plate 56 A2000	TRSB0030- ...	1		1001 – 1200	500	
	striker plate 56 A2000	TRSB0030- ...			1201 – 1400	600	
	striker plate 56 A2000	TRSB0030- ...			1401 – 1600	700	
	striker plate 56 A2000	TRSB0030- ...			1601 – 1800	700	
	striker plate 56 A2000	TRSB0030- ...	2		1801 – 2000	1000	
	striker plate 56 A2000	TRSB0030- ...	3		2001 – 3000	1000	
41	striker plate 56 A2000	TRSB0030- ...	1		2401 – 3000		
42	sash part MV	Ref. PDB, ZFMV01	1		1001 – 1600		
	sash part MV	Ref. PDB, ZFMV01	2		1601 – 2400		
	sash part MV	Ref. PDB, ZFMV01	3		2401 – 3000		
43	frame part MV	Ref. PDB, ZRZM01	1		1001 – 1600		
	frame part MV	Ref. PDB, ZRZM01	2		1601 – 2400		
	frame part MV	Ref. PDB, ZRZM01	3		2401 – 3000		
44	striker V	Ref. PDB, FRZV01					
on request							
45	run-up	Ref. PDB, FRZF06	1		801 – 3000		
46	striker plate 56 A2000	TRSB0030- ...	1		1801 – 3000		

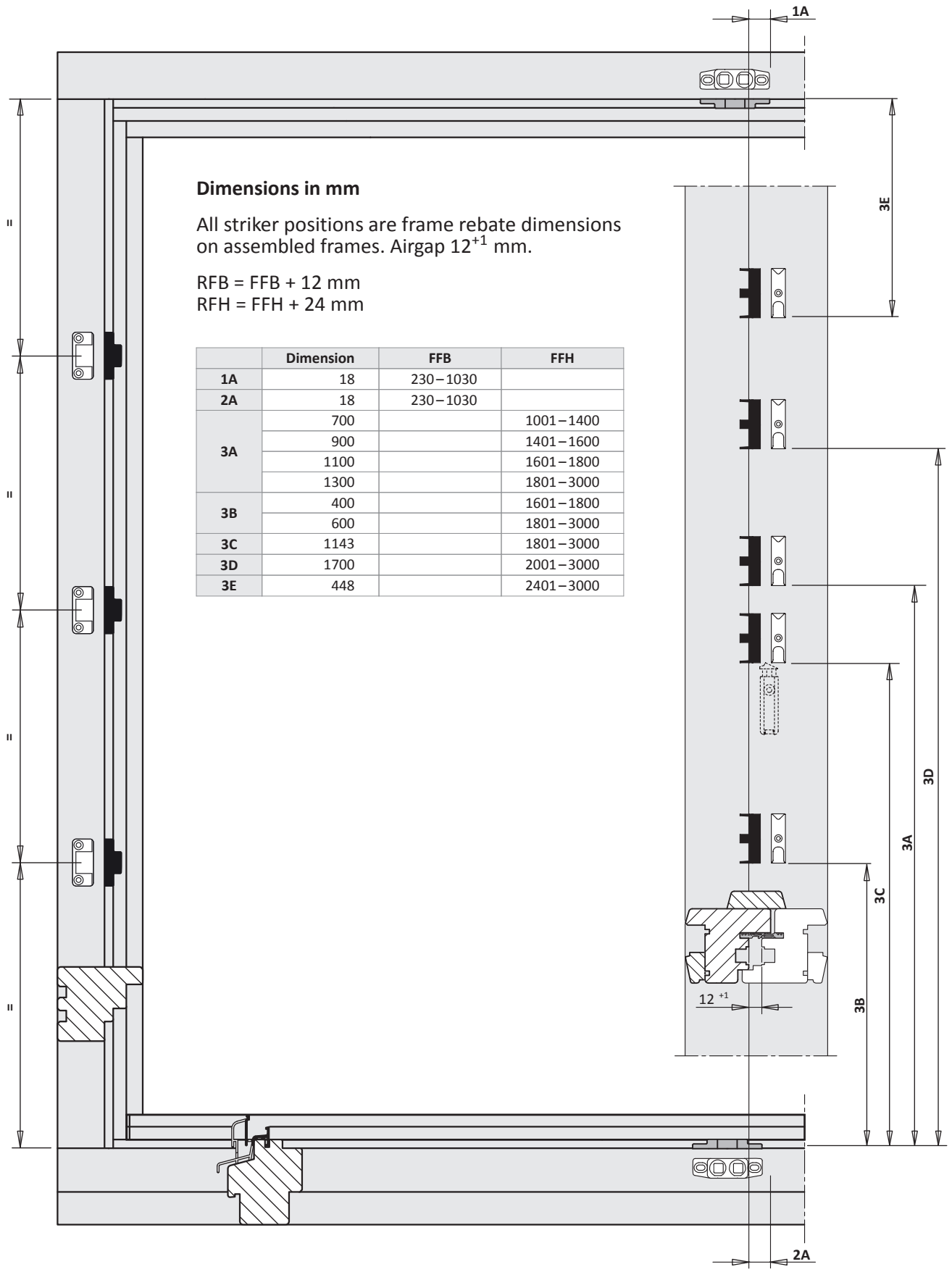
Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
47	stay hinge	Ref. PDB, FBWB			1	1
48	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
49	top hinge S	Ref. PDB, FBSL02			1	1
50	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
51	top hinge pin diam.6	FBSB0010-1 ...			1	1
52	bottom hinge	Ref. PDB, FBEL01			1	
53	bottom hinge S	Ref. PDB, FBEL02				1
54	filling piece H timber	Ref. PDB, FBFS			1	1
55	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
56	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
57	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
58	reb.cor.hinge	Ref. PDB, TBFE81			1	1
59	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							15	16
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	410– 800	320– 430			1
1b	corn.drive VSO ..	FEUL0230- ...	1	410–1650	431–3000			1
2	stay 7 sz 30	707302	1	410– 620				
	stay 7 sz 35 MV	707319		621– 800				
	stay 7 sz 50 MV	707326		801–1030				
	stay 7 sz 55 MV	707333		1031–1260				1
	stay 7 sz 50 MV	707326		1261–1490				1
	stay 7 sz 55 MV	707333		1491–1650				1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650				1
4	additional stay	Ref. PDB, TSZS	1	1261–1650				
5	packer Z	Ref. PDB, FRUP01	1	1261–1650				
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	410–1650	601–3000		1	
7	sash lift S-ES	Ref. PDB, FMFH	1	410–1650				
8	centre lock sz 50	700969	1	1031–1260				1
	centre lock sz 70	700976		1261–1490				1
	centre lock sz 90	700983		1491–1650				1
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	410– 800	320– 430	180	1	
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...		410–1260	431– 600	180	1	
9b	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601– 800	300		
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801–1000	400		
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001–1200	500		
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201–1400	600		
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401–1600	700		
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601–1800	700		
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801–2000	1000		
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001–3000	1000		
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201–2400			
	linkage FAV sz 400 1V	FZSZ0110- ...			2401–3000			
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601–2800			
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801–3000			
12	handle Globe	Ref.access. ZHGS	1		320–3000			
13	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		1001–1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1600			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601–2000			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001–3000			2
14	MV extension sz 60	700952	1		2401–3000			1
15	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
16	striker plate 56	Ref. PDB, FRSB						
on request								
17	location piece ..	702543	1					
18	frame part SP-S	Ref. PDB, FRZL01	1					
19	tilt restrictor ..	805701	1		320– 800			
20	mishandling device FAV.	FFBS0110- ...	1		801–3000			
21	pressure piece	Ref. PDB, TFFD	1		801–3000			
22	snapper switchable rh.	TFST0011- ...	1		1801–3000			
	snapper switchable lh.	TFST0012- ...			1801–3000			

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
23	stay hinge	Ref. PDB, FBWB			1	1
24	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
25	top hinge S	Ref. PDB, FBSL02			1	1
26	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
27	top hinge pin diam.6	FBSB0010-1 ...			1	1
28	bottom hinge	Ref. PDB, FBEL01			1	
29	bottom hinge S	Ref. PDB, FBEL02				1
30	filling piece H timber	Ref. PDB, FBFS			1	1
31	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
32	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
33	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
34	reb.cor.hinge	Ref. PDB, TBFE81			1	1
35	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1

Frame dimensions slave sash

2-sash square tilt-turn/turn shoot bolt
H12 GK Hinge side Si-line

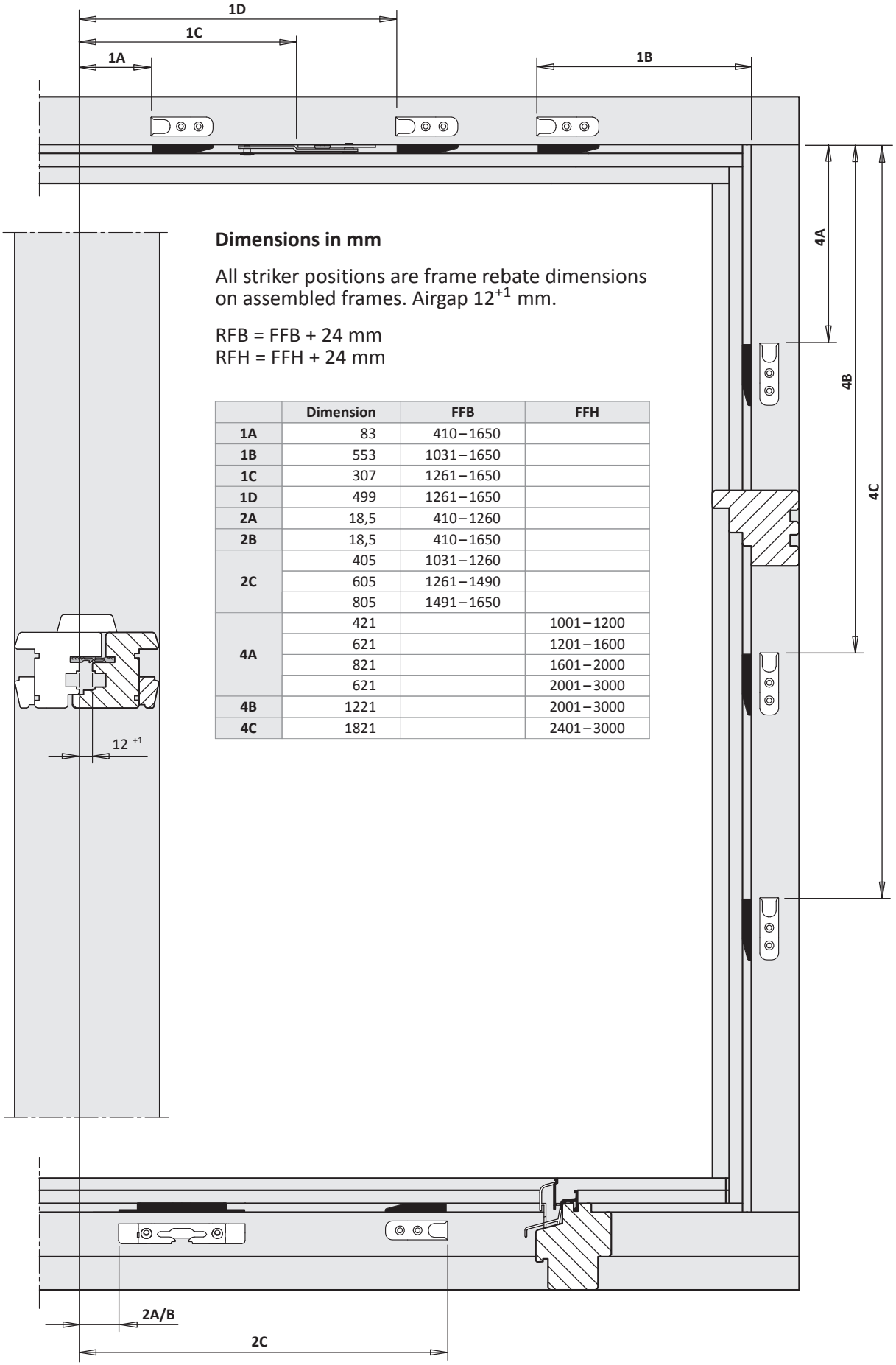


Dimensions in mm

All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	18	230 – 1030	
2A	18	230 – 1030	
3A	700		1001 – 1400
	900		1401 – 1600
	1100		1601 – 1800
	1300		1801 – 3000
3B	400		1601 – 1800
	600		1801 – 3000
3C	1143		1801 – 3000
3D	1700		2001 – 3000
3E	448		2401 – 3000



Dimensions in mm

All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	410 – 1650	
1B	553	1031 – 1650	
1C	307	1261 – 1650	
1D	499	1261 – 1650	
2A	18,5	410 – 1260	
2B	18,5	410 – 1650	
2C	405	1031 – 1260	
	605	1261 – 1490	
	805	1491 – 1650	
4A	421		1001 – 1200
	621		1201 – 1600
	821		1601 – 2000
	621		2001 – 3000
4B	1221		2001 – 3000
4C	1821		2401 – 3000

FAVORIT

Installation instructions




1-sash square tilt before turn (TBT)

timber 12 mm

basic security

fixed handle position

Hinge side Si-line

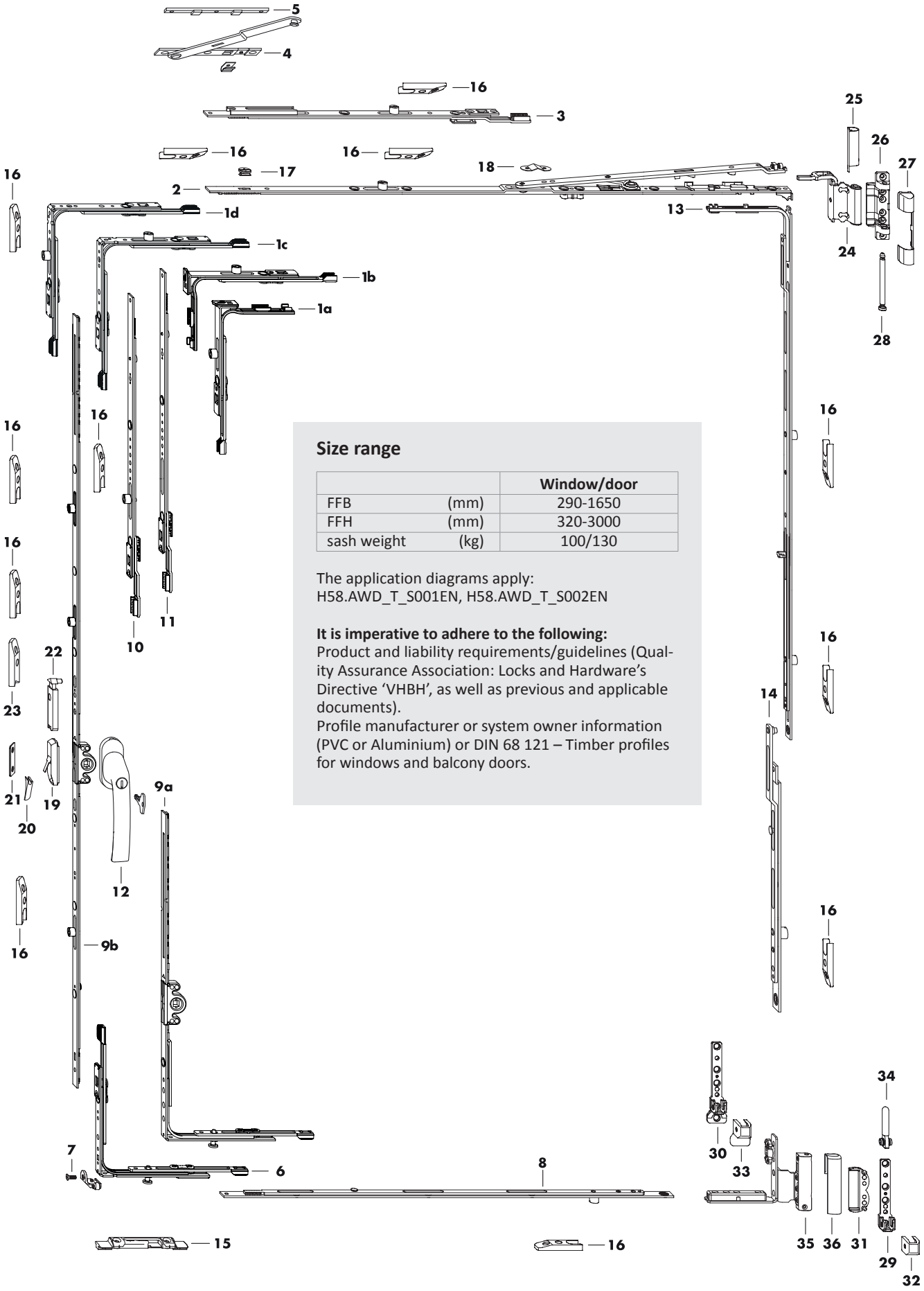
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 1000
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose filling pc / pre-mounted

hardware layout

1-sash square tilt before turn (TBT)
H12 GK Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

It is imperative to adhere to the following:
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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	Number of frame parts / Pos.	
							15	16
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	290– 410	431–3000			1
1b	corn.drive narrow VSO ..	FEUL0520- ...	1	411– 800	320– 430			1
1c	corn.drive VSO ..	FEUL0230- ...	1	411–1260	431–3000			1
1d	corn.drive VSO ..	FEUL0230- ...	1	1261–1650	431–3000			1
2	stay 7 TBT sz 30	707357	1	290– 620				
	stay 7 TBT sz 35 MV	707364		621– 800				
	stay 7 TBT sz 50 MV	707371		801–1030				
	stay 7 TBT sz 55 MV	707388		1031–1260				1
	stay 7 TBT sz 50 MV	707371		1261–1490				1
	stay 7 TBT sz 55 MV	707388		1491–1650				1
3	linkage S/Z TBT FAV 1V	FZOT0100- ...	1	1261–1650				1
4	additional stay	Ref. PDB, TSZS	1	1261–1650				
5	packer Z	Ref. PDB, FRUP01	1	1261–1650				
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1	
7	sash lift S-ES	Ref. PDB, FMFH	1	290–1650				
8	centre lock sz 50	700969	1	1031–1260				1
	centre lock sz 70	700976		1261–1490				1
	centre lock sz 90	700983		1491–1650				1
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1	
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...		290–1260	431– 600	180	1	
9b	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601– 800	300		
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801–1000	400		
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001–1200	500		1
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201–1400	600		1
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401–1600	700		1
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601–1800	700		1
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801–2000	1000		2
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001–3000	1000		3
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201–2400			
	linkage FAV sz 400 1V	FZSZ0110- ...			2401–3000			1
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601–2800			
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801–3000			
12	handle Globe TBT lockable	Ref.access. ZHGT	1		320–3000			
13	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		1001–1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1600			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601–2000			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001–3000			2
14	MV extension sz 60	700952	1		2401–3000			1
15	tilt lock bear. S-ES FH TBT	Ref. PDB, FRKB						
16	striker plate 56	Ref. PDB, FRSB						
on request								
17	location piece ..	702543	1					
18	tilt restrictor ..	805701	1		320– 800			
19	mishandling device FAV.	FFBS0110- ...	1					
20	pressure piece	Ref. PDB, TFFD	1					
21	stop	Ref. PDB, FRZF01	1					
22	snapper switchable rh.	TFST0011- ...	1		1801–3000			
	snapper switchable lh.	TFST0012- ...			1801–3000			
23	frame part snapper	Ref. PDB, TRST	1		1801–3000			

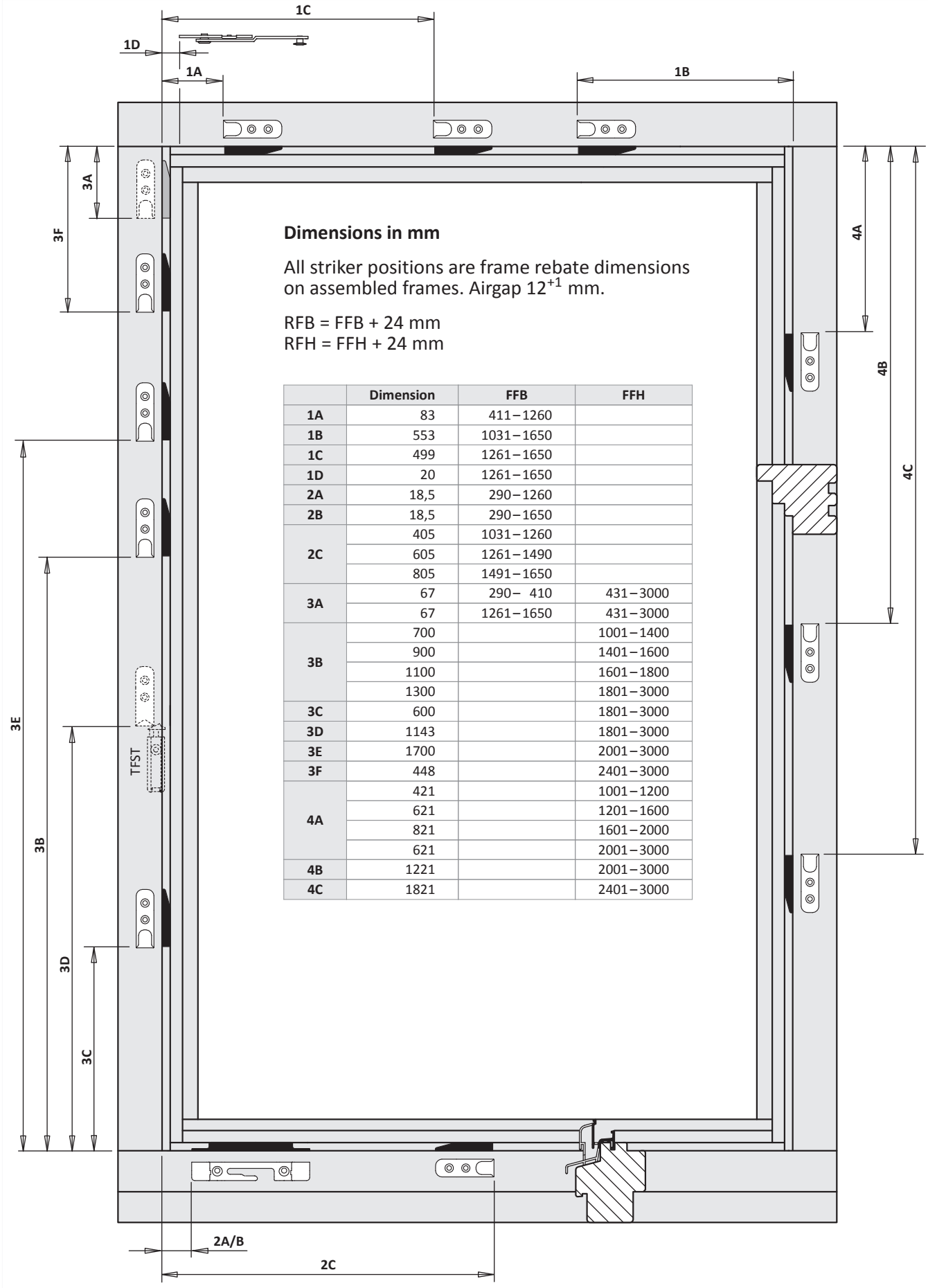
List of fittings

1-sash square tilt before turn (TBT)
H12 GK Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
24	stay hinge	Ref. PDB, FBWB			1	1
25	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
26	top hinge S	Ref. PDB, FBSL02			1	1
27	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
28	top hinge pin diam.6	FBSB0010-1 ...			1	1
29	bottom hinge	Ref. PDB, FBEL01			1	
30	bottom hinge S	Ref. PDB, FBEL02				1
31	filling piece H timber	Ref. PDB, FBFS			1	1
32	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
33	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
34	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
35	reb.cor.hinge	Ref. PDB, TBFE81			1	1
36	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1



Dimensions in mm

All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1260	
1B	553	1031–1650	
1C	499	1261–1650	
1D	20	1261–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	1031–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
	67	1261–1650	431–3000
3B	700		1001–1400
	900		1401–1600
	1100		1601–1800
	1300		1801–3000
3C	600		1801–3000
3D	1143		1801–3000
3E	1700		2001–3000
3F	448		2401–3000
4A	421		1001–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4B	1221		2001–3000
4C	1821		2401–3000

FAVORIT

Installation instructions




1-sash square tilt-turn

timber 12 mm

3-Punkt Sicherheit

fixed handle position

Hinge side Si-line

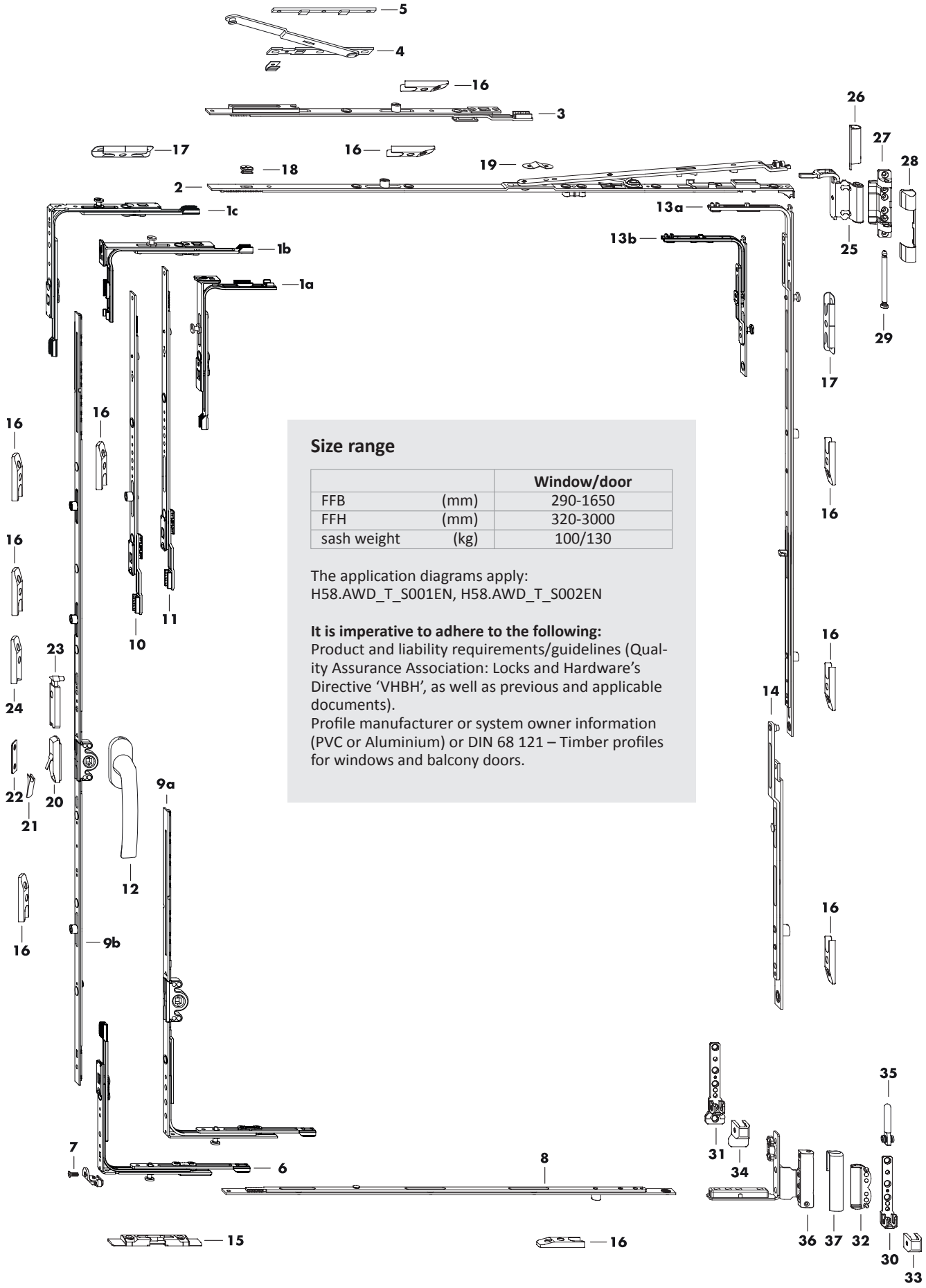
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 1000
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive 1S 2V
Hinge side turning points	loose filling pc / pre-mounted

hardware layout

1-sash square tilt-turn
H12 GK Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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.

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.		
							15	16	17
1a	corn.drive FAV VSO narrow 1S ..	FEUL0530- ...	1	290– 410	431–3000				1
1b	corn.drive FAV VSO narrow 1S ..	FEUL0530- ...	1	411– 800	320– 430				1
1c	corn.drive FAV VS 1S ..	FEUL0510- ...	1	411–1650	431–3000				1
2	stay 7 sz 30	707302	1	290– 620					
	stay 7 sz 35 MV	707319		621– 800					
	stay 7 sz 50 MV	707326		801–1030					
	stay 7 sz 55 MV	707333		1031–1260				1	
	stay 7 sz 50 MV	707326		1261–1490				1	
	stay 7 sz 55 MV	707333		1491–1650				1	
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650				1	
4	additional stay	Ref. PDB, TSZS	1	1261–1650					
5	packer Z	Ref. PDB, FRUP01	1	1261–1650					
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1		
7	sash lift S-ES	Ref. PDB, FMFH	1	290–1650					
8	centre lock sz 50	700969	1	1031–1260				1	
	centre lock sz 70	700976		1261–1490				1	
	centre lock sz 90	700983		1491–1650				1	
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1		
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...		290–1260	431– 600	180	1		
9b	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601– 800	300			
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801–1000	400			
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001–1200	500		1	
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201–1400	600		1	
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401–1600	700		1	
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601–1800	700		1	
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801–2000	1000		2	
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001–3000	1000		3	
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201–2400				
	linkage FAV sz 400 1V	FZSZ0110- ...			2401–3000			1	
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601–2800				
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801–3000				
12	handle Globe	Ref.access. ZHGS	1		320–3000				
13a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		320–1000				1
13b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		1001–1200			1	1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201–1600			1	1
	corn.drive BS sz 90 1S 1V ..	FEUL2130- ...			1601–2000			1	1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			2001–3000			2	1
14	MV extension sz 60	700952	1		2401–3000			1	
15	tilt lock bear. S-ES FH	Ref. PDB, FRKA							
16	striker plate 56	Ref. PDB, FRSB							
17	striker plate S-RS	Ref. PDB, TRSK							
on request									
18	location piece ..	702543	1						
19	tilt restrictor ..	805701	1		320– 800				
20	mishandling device FAV.	FFBS0110- ...	1						
21	pressure piece	Ref. PDB, TFFD	1						
22	stop	Ref. PDB, FRZF01	1						
23	snapper switchable rh.	TFST0011- ...	1		1801–3000				
	snapper switchable lh.	TFST0012- ...			1801–3000				
24	frame part snapper	Ref. PDB, TRST	1		1801–3000				

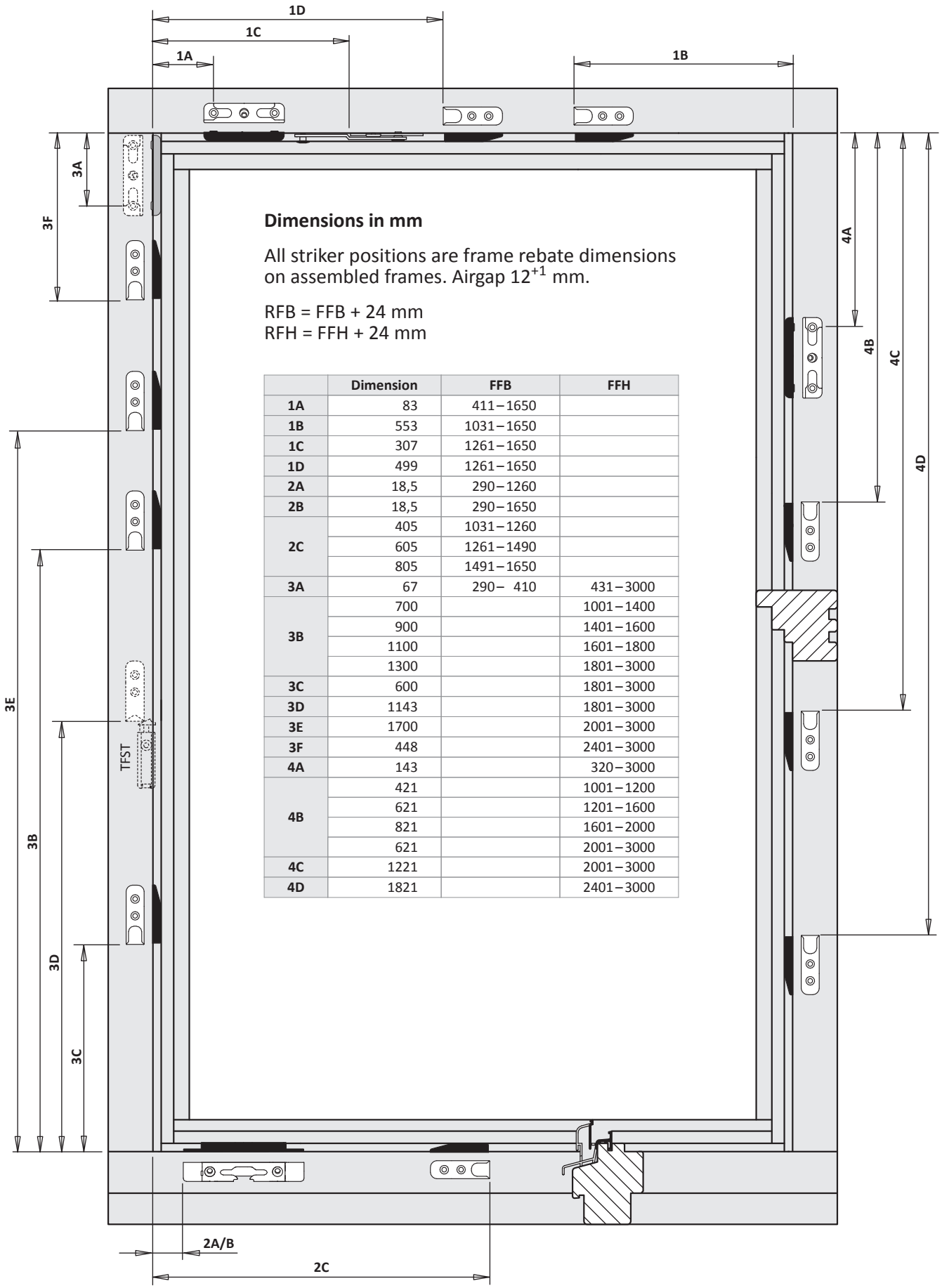
List of fittings

1-sash square tilt-turn
H12 GK Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
25	stay hinge	Ref. PDB, FBWB			1	1
26	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
27	top hinge S	Ref. PDB, FBSL02			1	1
28	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
29	top hinge pin diam.6	FBSB0010-1 ...			1	1
30	bottom hinge	Ref. PDB, FBEL01			1	
31	bottom hinge S	Ref. PDB, FBEL02				1
32	filling piece H timber	Ref. PDB, FBFS			1	1
33	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
34	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
35	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
36	reb.cor.hinge	Ref. PDB, TBFE81			1	1
37	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1



Dimensions in mm

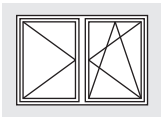
All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1650	
1B	553	1031–1650	
1C	307	1261–1650	
1D	499	1261–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	1031–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
3B	700		1001–1400
	900		1401–1600
	1100		1601–1800
	1300		1801–3000
3C	600		1801–3000
3D	1143		1801–3000
3E	1700		2001–3000
3F	448		2401–3000
4A	143		320–3000
4B	421		1001–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4C	1221		2001–3000
4D	1821		2401–3000

FAVORIT

Installation instructions





3P

2-sash square tilt-turn/turn DSG gear

timber 12 mm

3-Punkt Sicherheit

fixed handle position

Hinge side Si-line

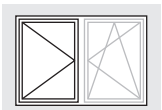
surface TS

backset 15 mm

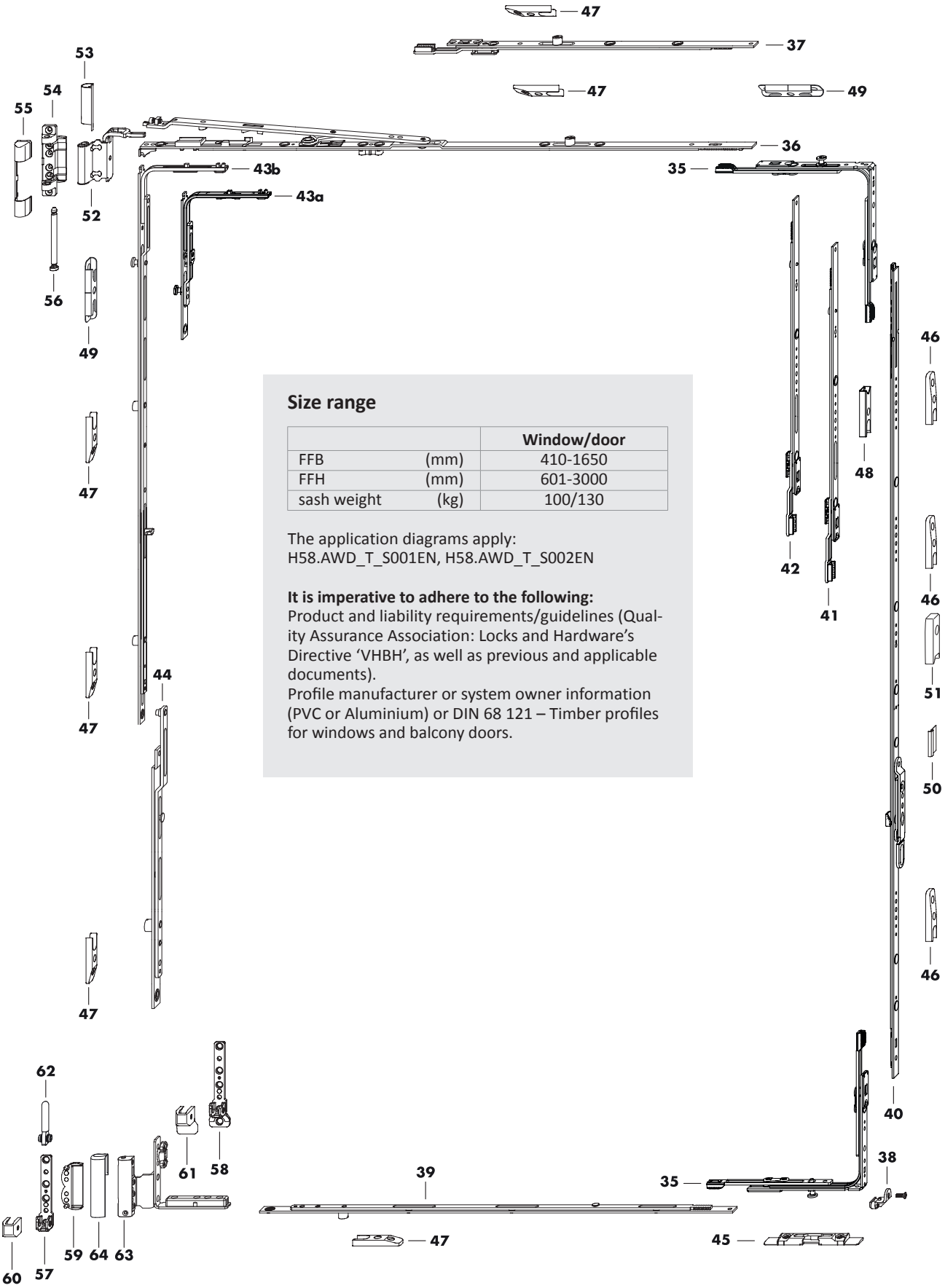
Hardware set configuration	
General	Locking-points distance 1000
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive 1S 2V
Hinge side turning points	loose filling pc / pre-mounted

hardware layout slave sash

2-sash square tilt-turn/turn DSG gear
H12 GK Hinge side Si-line





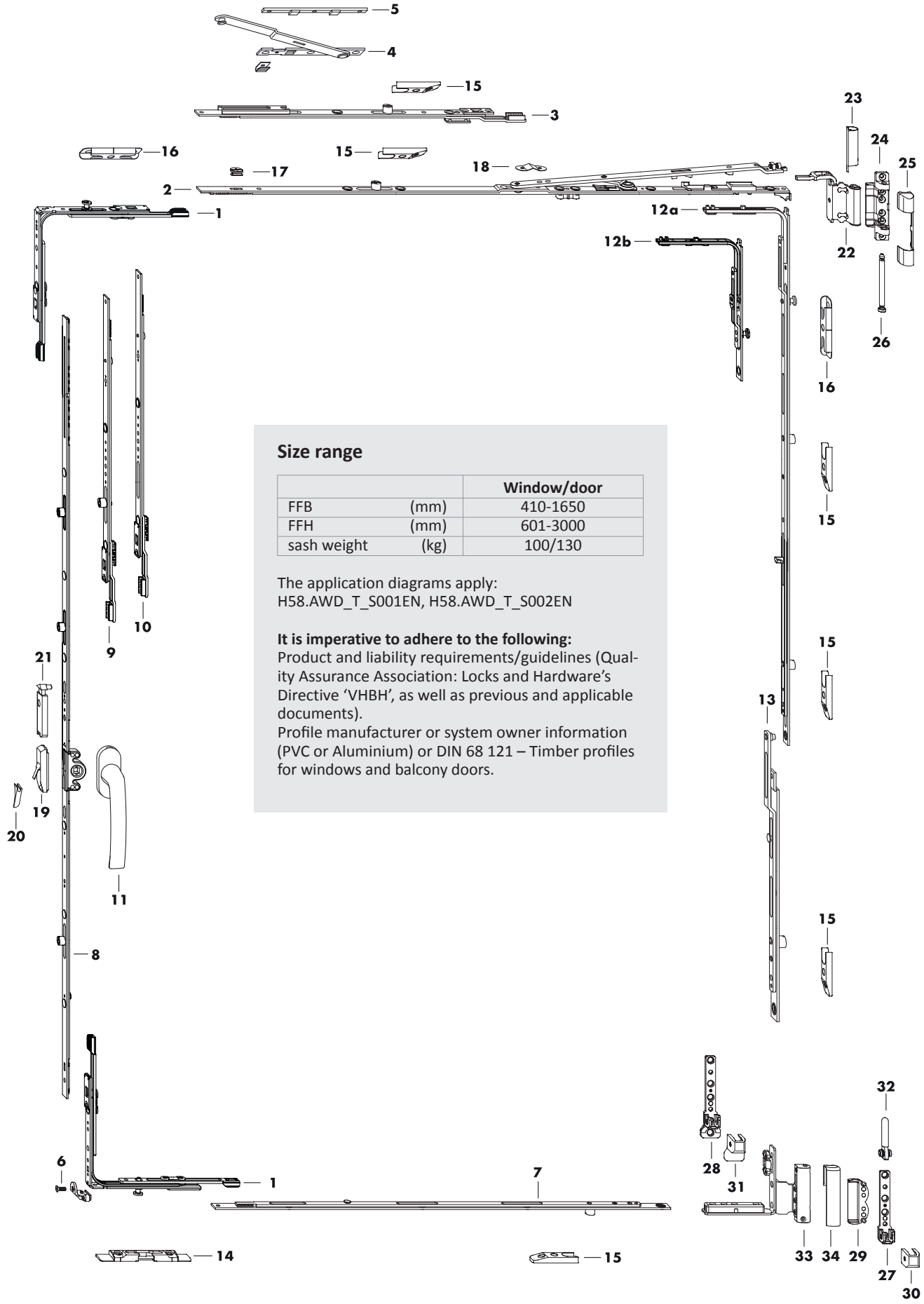


Size range

		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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.



Size range

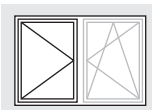
		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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List of fittings slave sash

2-sash square tilt-turn/turn DSG gear
H12 GK Hinge side Si-line





Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.				
						In the main sash	45	46	47	48	49
35	corn.drive FAV VS 1S ..	FEUL0510- ...	2	410 – 1650			1				1
36	stay 7 sz 30	707302	1	410 – 620							
	stay 7 sz 35 MV	707319		621 – 800							
	stay 7 sz 50 MV	707326		801 – 1030							
	stay 7 sz 55 MV	707333		1031 – 1260					1		
	stay 7 sz 50 MV	707326		1261 – 1490					1		
	stay 7 sz 55 MV	707333		1491 – 1650					1		
37	linkage sz 460 MV	713266	1	1261 – 1650					1		
38	sash lift S-ES	Ref. PDB, FMFH	1	410 – 1650							
39	centre lock sz 50	700969	1	1031 – 1260					1		
	centre lock sz 70	700976		1261 – 1490					1		
	centre lock sz 90	700983		1491 – 1650					1		
40	s.sash gear16 FAV 60/300	FGKS4030- ...	1		601 – 800	300					
	s.sash gear16 FAV 80/400 1SB	FGKS4050- ...			801 – 1000	400					
	s.sash gear16 FAV 100/500 1SB	FGKS4060- ...			1001 – 1200	500		1			
	s.sash gear16 FAV 120/600 1SB	FGKS4070- ...			1201 – 1400	600		1			
	s.sash gear16 FAV 140/700 2SB	FGKS4290- ...			1401 – 1600	700		1			
	s.sash gear16 FAV 160/700 2SB	FGKS4330- ...			1601 – 1800	700		1			
	s.sash gear16 FAV 180/1000 2SB	FGKS4100- ...			1801 – 2000	1000		1			
	s.sash gear16 FAV 200/1000 3SB	FGKS4280- ...			2001 – 3000	1000		1			
41	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201 – 2400						
	linkage FAV sz 400 A0767	FZSZ0130- ...			2401 – 3000					1	
42	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601 – 2800					1	
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801 – 3000						
43a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		601 – 1000						1
43b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		1001 – 1200				1		1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201 – 1600				1		1
	corn.drive BS sz 90 1S 1V ..	FEUL2130- ...			1601 – 2000				1		1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			2001 – 3000				2		1
44	MV extension sz 60	700952	1		2401 – 3000				1		
45	tilt lock bear. S-ES FH	Ref. PDB, FRKA									
46	striker plate f. gear MV	Ref. PDB, FRSA02									
47	striker plate 56	Ref. PDB, FRSB									
48	striker plate 56 A0767	TRSB0020- ...									
49	striker plate S-RS	Ref. PDB, TRSK									
on request											
50	stop	Ref. PDB, FRZF04	1		801 – 3000						
51	striker snapper A0767	TRST0010- ...	1		1801 – 3000						

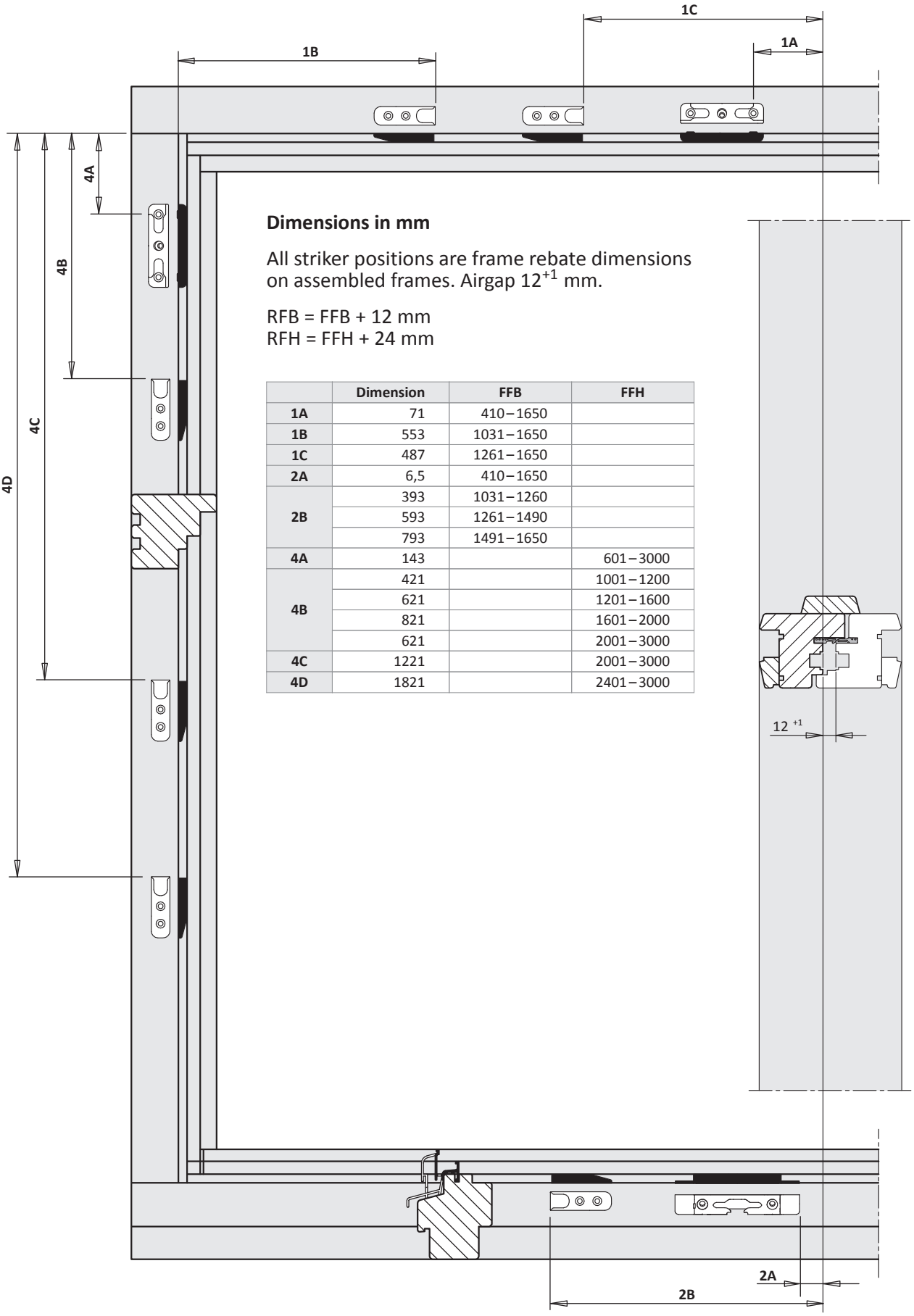
Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
52	stay hinge	Ref. PDB, FBWB			1	1
53	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
54	top hinge S	Ref. PDB, FBSL02			1	1
55	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
56	top hinge pin diam.6	FBSB0010-1 ...			1	1
57	bottom hinge	Ref. PDB, FBEL01			1	
58	bottom hinge S	Ref. PDB, FBEL02				1
59	filling piece H timber	Ref. PDB, FBFS			1	1
60	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
61	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
62	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
63	reb.cor.hinge	Ref. PDB, TBFE81			1	1
64	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.		
							14	15	16
1	corn.drive FAV VS 1S ..	FEUL0510- ...	2	410 – 1650			1		1
2	stay 7 sz 30	707302	1	410 – 620					
	stay 7 sz 35 MV	707319		621 – 800					
	stay 7 sz 50 MV	707326		801 – 1030					
	stay 7 sz 55 MV	707333		1031 – 1260				1	
	stay 7 sz 50 MV	707326		1261 – 1490				1	
	stay 7 sz 55 MV	707333		1491 – 1650				1	
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261 – 1650				1	
4	additional stay	Ref. PDB, TSZS	1	1261 – 1650					
5	packer Z	Ref. PDB, FRUP01	1	1261 – 1650					
6	sash lift S-ES	Ref. PDB, FMFH	1	410 – 1650					
7	centre lock sz 50	700969	1	1031 – 1260				1	
	centre lock sz 70	700976		1261 – 1490				1	
	centre lock sz 90	700983		1491 – 1650				1	
8	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601 – 800	300			
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801 – 1000	400			
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001 – 1200	500			
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201 – 1400	600			
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401 – 1600	700			
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601 – 1800	700			
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801 – 2000	1000			
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001 – 3000	1000			
9	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201 – 2400				
	linkage FAV sz 400 1V	FZSZ0110- ...			2401 – 3000				
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601 – 2800				
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801 – 3000				
11	handle Globe	Ref.access. ZHGS	1		601 – 3000				
12a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		601 – 1000				1
12b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		1001 – 1200			1	1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201 – 1600			1	1
	corn.drive BS sz 90 1S 1V ..	FEUL2130- ...			1601 – 2000			1	1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			2001 – 3000			2	1
13	MV extension sz 60	700952	1		2401 – 3000			1	
14	tilt lock bear. S-ES FH	Ref. PDB, FRKA							
15	striker plate 56	Ref. PDB, FRSB							
16	striker plate S-RS	Ref. PDB, TRSK							
on request									
17	location piece ..	702543	1						
18	tilt restrictor ..	805701	1		601 – 800				
19	mishandling device FAV.	FFBS0110- ...	1		801 – 3000				
20	pressure piece	Ref. PDB, TFFD	1		801 – 3000				
21	snapper switchable rh.	TFST0011- ...	1		1801 – 3000				
	snapper switchable lh.	TFST0012- ...			1801 – 3000				

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
22	stay hinge	Ref. PDB, FBWB			1	1
23	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
24	top hinge S	Ref. PDB, FBSL02			1	1
25	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
26	top hinge pin diam.6	FBSB0010-1 ...			1	1
27	bottom hinge	Ref. PDB, FBEL01			1	
28	bottom hinge S	Ref. PDB, FBEL02				1
29	filling piece H timber	Ref. PDB, FBFS			1	1
30	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
31	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
32	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
33	reb.cor.hinge	Ref. PDB, TBFE81			1	1
34	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1

Frame dimensions slave sash

2-sash square tilt-turn/turn DSG gear
H12 GK Hinge side Si-line

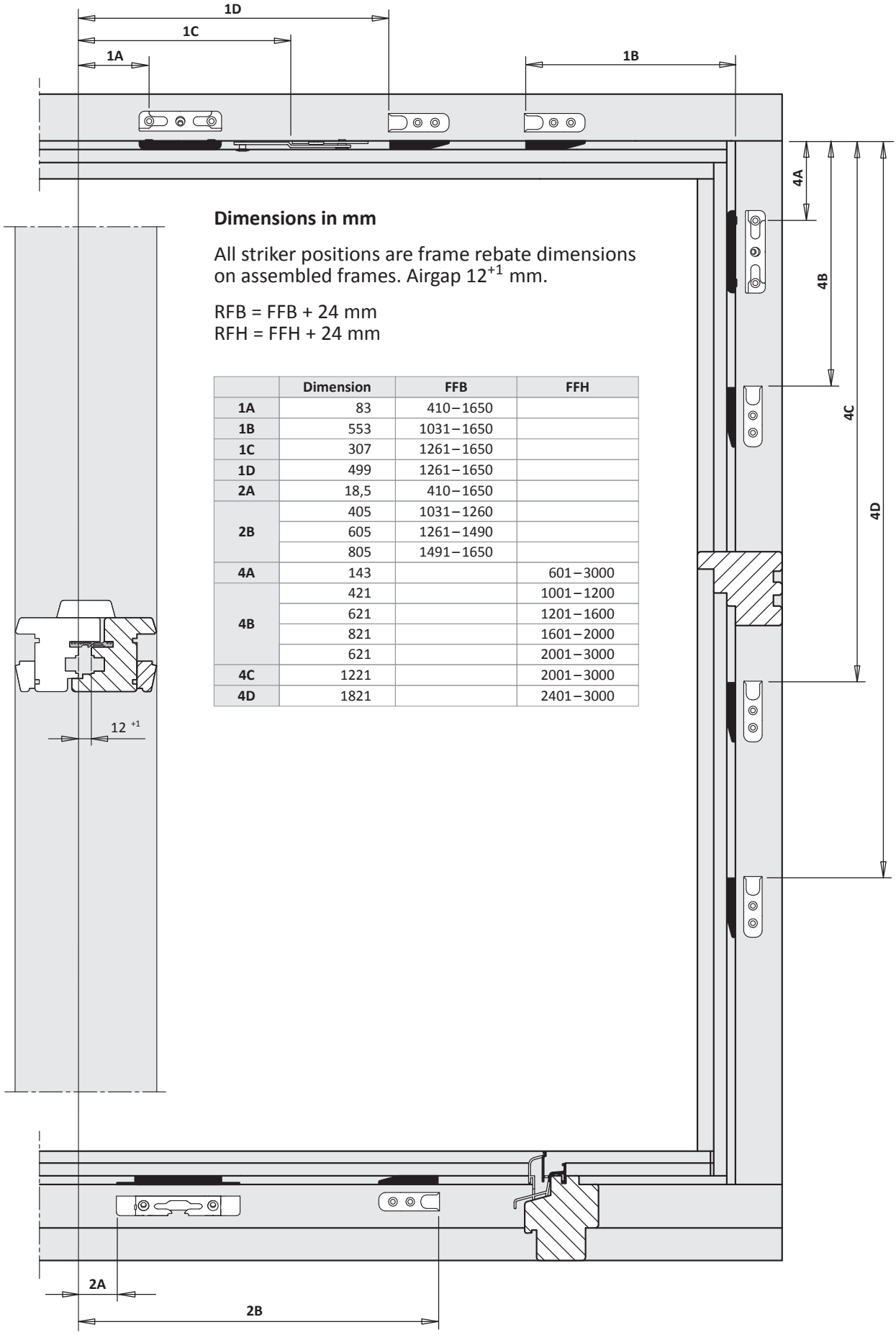


Dimensions in mm

All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	71	410–1650	
1B	553	1031–1650	
1C	487	1261–1650	
2A	6,5	410–1650	
2B	393	1031–1260	
	593	1261–1490	
	793	1491–1650	
4A	143		601–3000
4B	421		1001–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4C	1221		2001–3000
4D	1821		2401–3000



Dimensions in mm

All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	410 – 1650	
1B	553	1031 – 1650	
1C	307	1261 – 1650	
1D	499	1261 – 1650	
2A	18,5	410 – 1650	
2B	405	1031 – 1260	
	605	1261 – 1490	
	805	1491 – 1650	
4A	143		601 – 3000
4B	421		1001 – 1200
	621		1201 – 1600
	821		1601 – 2000
	621		2001 – 3000
4C	1221		2001 – 3000
4D	1821		2401 – 3000

FAVORIT

Installation instructions




1-sash square tilt before turn (TBT)

timber 12 mm

3-Punkt Sicherheit

fixed handle position

Hinge side Si-line

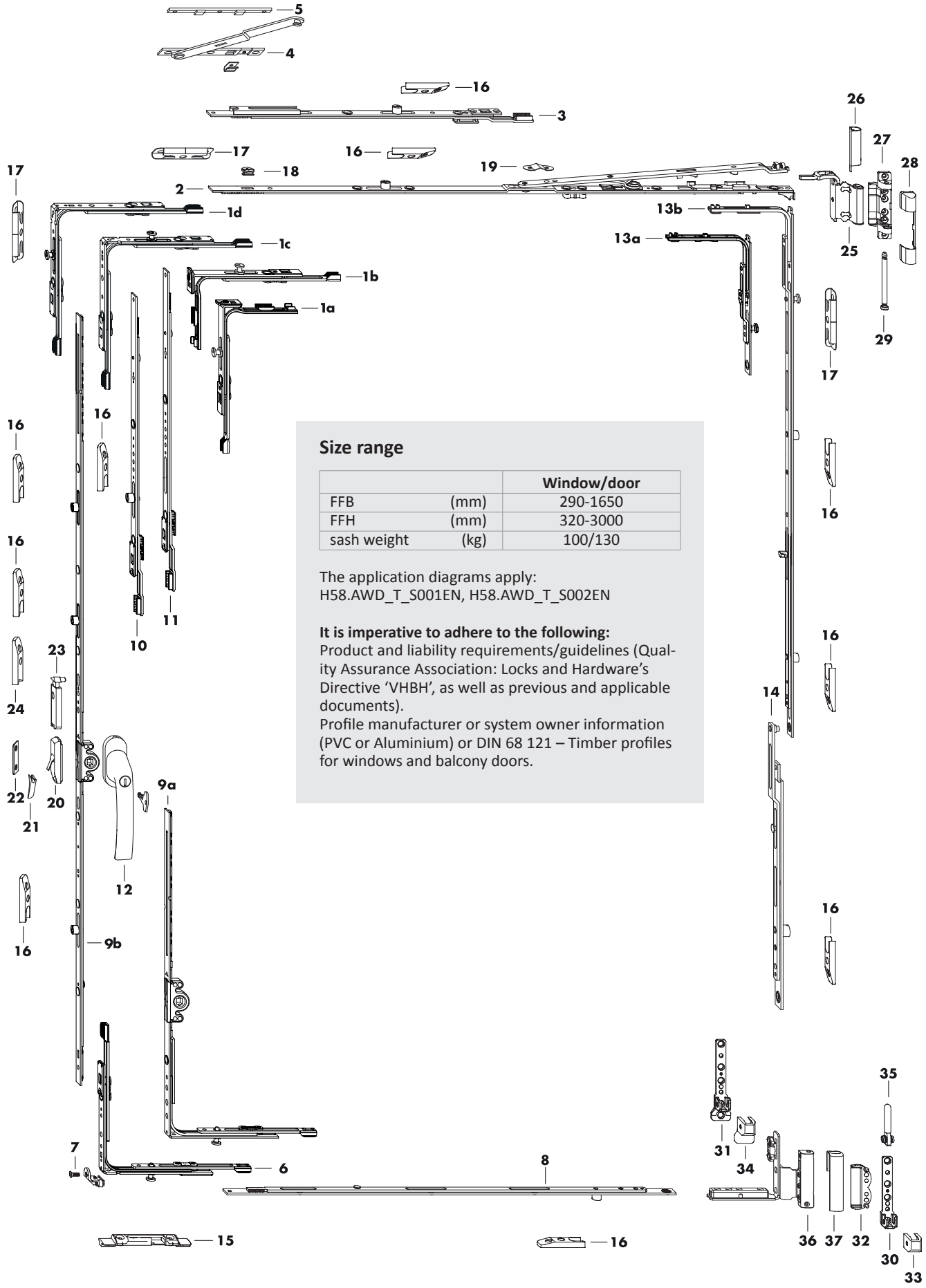
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 1000
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive 1S 2V
Hinge side turning points	loose filling pc / pre-mounted

hardware layout

1-sash square tilt before turn (TBT)
H12 GK Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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.

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.		
							15	16	17
1a	corn.drive FAV VSO narrow 1S ..	FEUL0530- ...	1	290– 410	431–3000				1
1b	corn.drive FAV VSO narrow 1S ..	FEUL0530- ...	1	411– 800	320– 430				1
1c	corn.drive FAV VS 1S ..	FEUL0510- ...	1	411–1260	431–3000				1
1d	corn.drive FAV VS 1S ..	FEUL0510- ...	1	1261–1650	431–3000				1
2	stay 7 TBT sz 30	707357	1	290– 620					
	stay 7 TBT sz 35 MV	707364		621– 800					
	stay 7 TBT sz 50 MV	707371		801–1030					
	stay 7 TBT sz 55 MV	707388		1031–1260				1	
	stay 7 TBT sz 50 MV	707371		1261–1490				1	
	stay 7 TBT sz 55 MV	707388		1491–1650				1	
3	linkage S/Z TBT FAV 1V	FZOT0100- ...	1	1261–1650				1	
4	additional stay	Ref. PDB, TSZS	1	1261–1650					
5	packer Z	Ref. PDB, FRUP01	1	1261–1650					
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1		
7	sash lift S-ES	Ref. PDB, FMFH	1	290–1650					
8	centre lock sz 50	700969	1	1031–1260				1	
	centre lock sz 70	700976		1261–1490				1	
	centre lock sz 90	700983		1491–1650				1	
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1		
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...		290–1260	431– 600	180	1		
9b	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601– 800	300			
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801–1000	400			
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001–1200	500		1	
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201–1400	600		1	
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401–1600	700		1	
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601–1800	700		1	
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801–2000	1000		2	
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001–3000	1000		3	
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201–2400				
	linkage FAV sz 400 1V	FZSZ0110- ...			2401–3000			1	
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601–2800				
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801–3000				
12	handle Globe TBT lockable	Ref.access. ZHGT	1		320–3000				
13a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		320–1000				1
13b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		1001–1200			1	1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201–1600			1	1
	corn.drive BS sz 90 1S 1V ..	FEUL2130- ...			1601–2000			1	1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			2001–3000			2	1
14	MV extension sz 60	700952	1		2401–3000			1	
15	tilt lock bear. S-ES FH TBT	Ref. PDB, FRKB							
16	striker plate 56	Ref. PDB, FRSB							
17	striker plate S-RS	Ref. PDB, TRSK							
on request									
18	location piece ..	702543	1						
19	tilt restrictor ..	805701	1		320– 800				
20	mishandling device FAV.	FFBS0110- ...	1						
21	pressure piece	Ref. PDB, TFFD	1						
22	stop	Ref. PDB, FRZF01	1						
23	snapper switchable rh.	TFST0011- ...	1		1801–3000				
	snapper switchable lh.	TFST0012- ...			1801–3000				
24	frame part snapper	Ref. PDB, TRST	1		1801–3000				

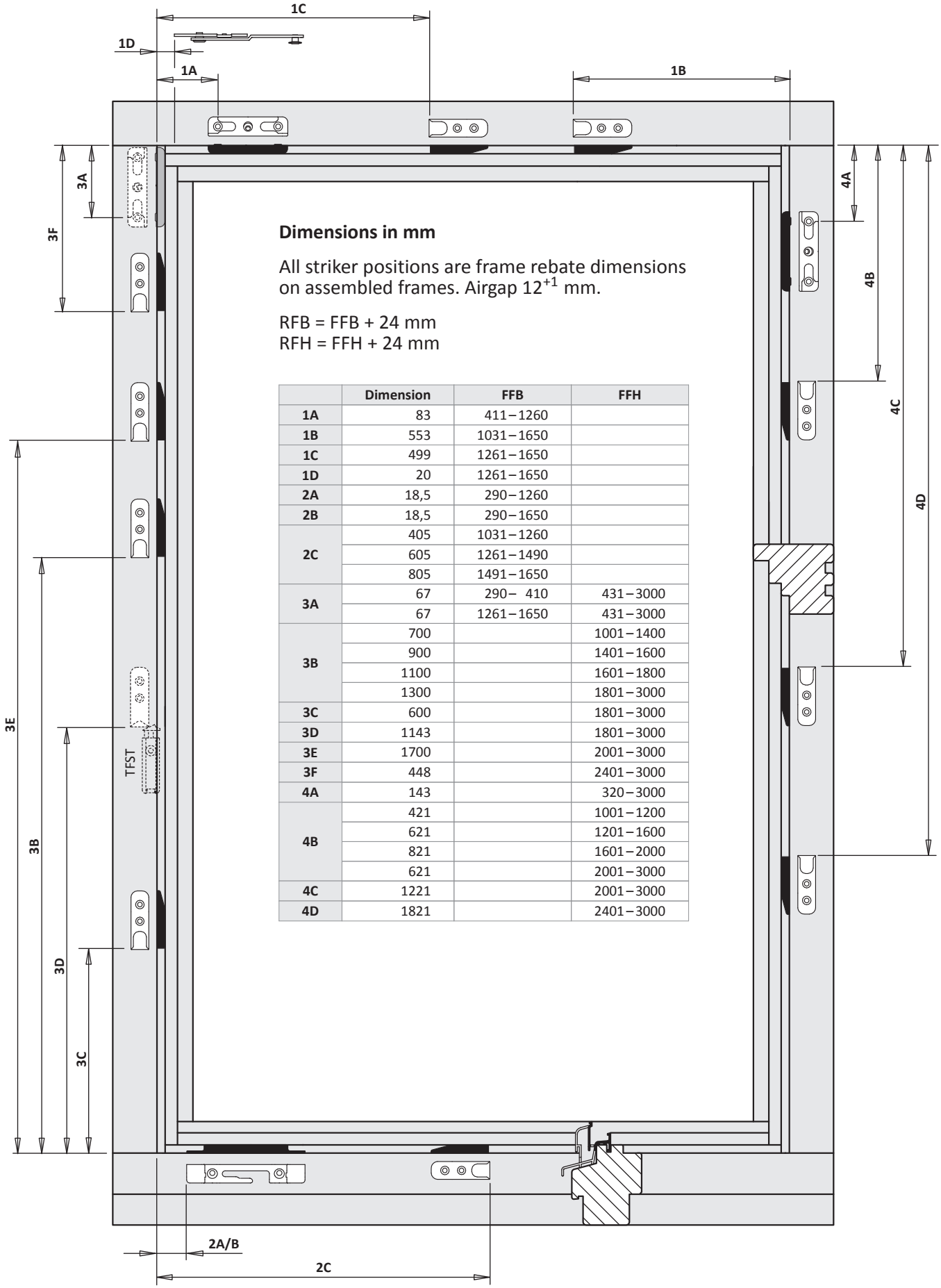
List of fittings

1-sash square tilt before turn (TBT)
H12 GK Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
25	stay hinge	Ref. PDB, FBWB			1	1
26	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
27	top hinge S	Ref. PDB, FBSL02			1	1
28	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
29	top hinge pin diam.6	FBSB0010-1 ...			1	1
30	bottom hinge	Ref. PDB, FBEL01			1	
31	bottom hinge S	Ref. PDB, FBEL02				1
32	filling piece H timber	Ref. PDB, FBFS			1	1
33	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
34	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
35	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
36	reb.cor.hinge	Ref. PDB, TBFE81			1	1
37	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1



Dimensions in mm

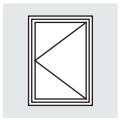
All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1260	
1B	553	1031–1650	
1C	499	1261–1650	
1D	20	1261–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	1031–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
	67	1261–1650	431–3000
3B	700		1001–1400
	900		1401–1600
	1100		1601–1800
	1300		1801–3000
3C	600		1801–3000
3D	1143		1801–3000
3E	1700		2001–3000
3F	448		2401–3000
4A	143		320–3000
4B	421		1001–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4C	1221		2001–3000
4D	1821		2401–3000

FAVORIT

Installation instructions





GS

1-sash square turn

timber 12 mm

basic security

fixed handle position

Hinge side Si-line

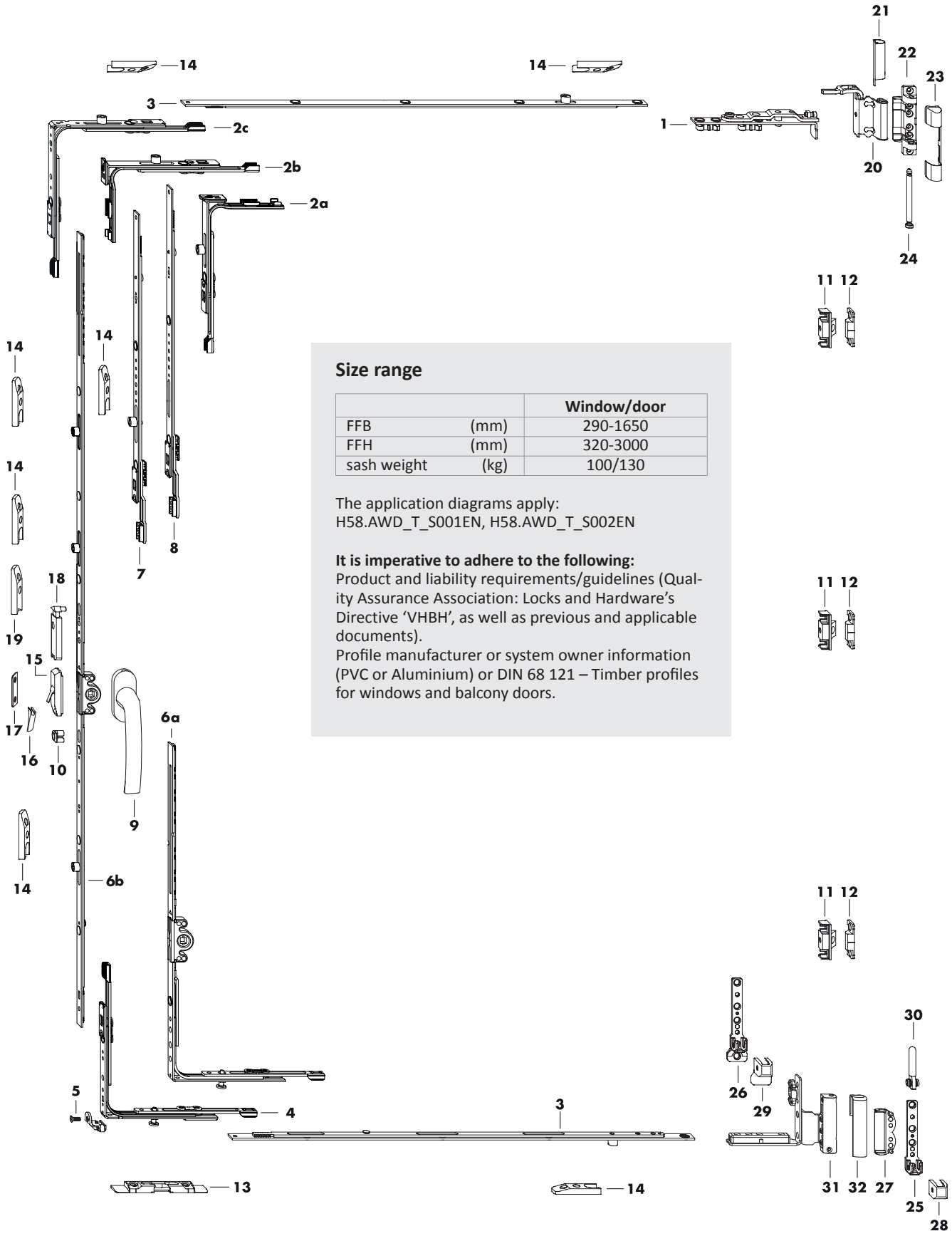
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 1000
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side turning points	loose filling pc / pre-mounted

hardware layout

1-sash square turn
H12 GK Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

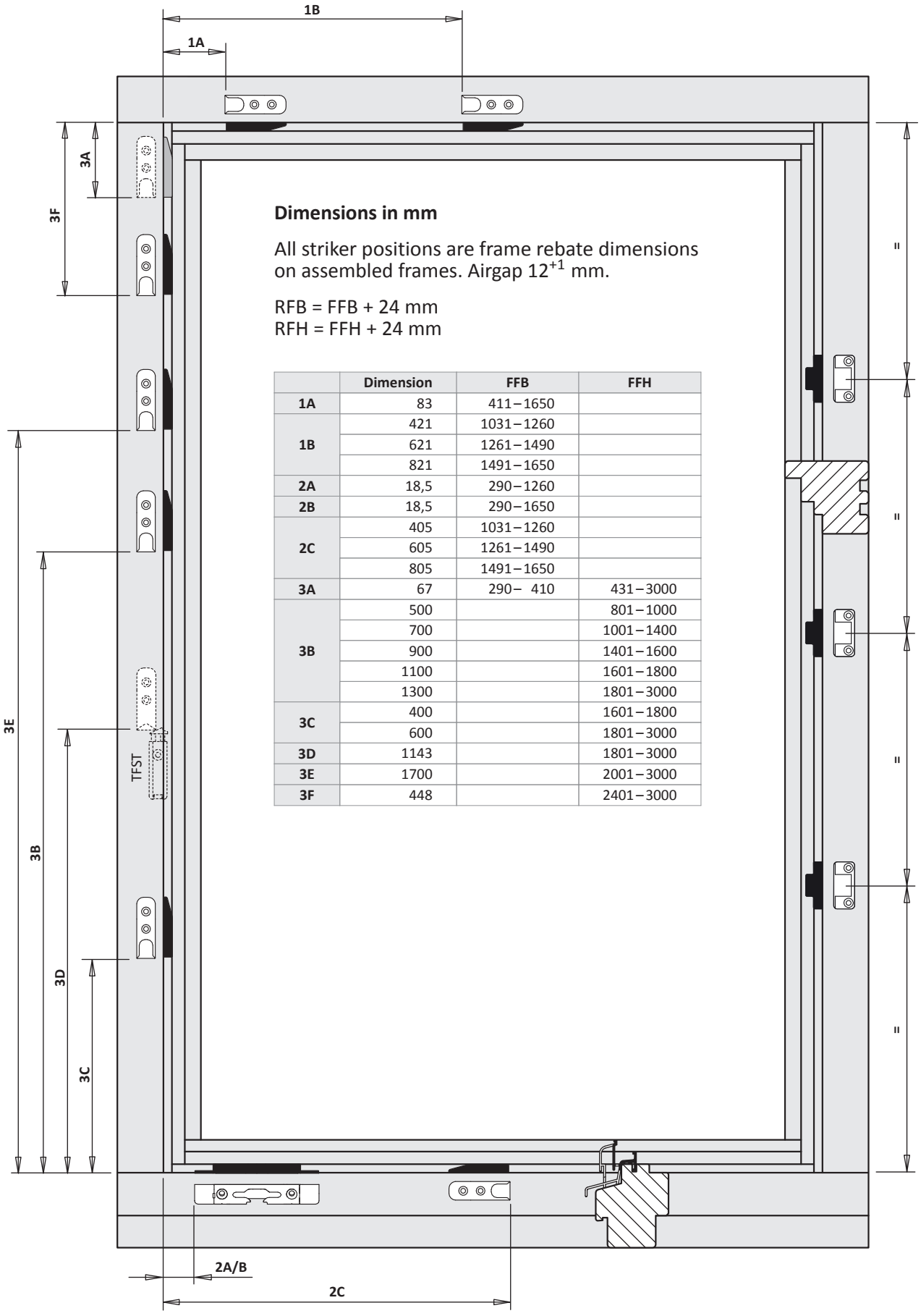
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Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							13	14
1	stay 7 DF	707340	1	290–1650				
2a	corn.drive narrow VSO ..	FEUL0520- ...	1	290– 410	431–3000			1
2b	corn.drive narrow VSO ..	FEUL0520- ...	1	411– 800	320– 430			1
2c	corn.drive VSO ..	FEUL0230- ...	1	411–1650	431–3000			1
3	centre lock sz 50	700969	2	1031–1260				2
	centre lock sz 70	700976		1261–1490				2
	centre lock sz 90	700983		1491–1650				2
4	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1	
5	sash lift S-ES	Ref. PDB, FMFH	1	290–1650				
6a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1	
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...		290–1260	431– 600	180	1	
6b	gear 15 FAV sz 60/G300	FGKK4030- ...	1		601– 800	300		
	gear 15 FAV sz 80/G400 1V	FGKK4050- ...			801–1000	400		1
	gear 15 FAV sz 100/G500 1V	FGKK4060- ...			1001–1200	500		1
	gear 15 FAV sz 120/G600 1V	FGKK4070- ...			1201–1400	600		1
	gear 15 FAV sz 140/G700 2V	FGKK4200- ...			1401–1600	700		1
	gear 15 FAV sz 160/G700 2V 70	FGKK4090- ...			1601–1800	700		2
	gear 15 FAV sz 180/G1000 2V	FGKK4220- ...			1801–2000	1000		2
	gear 15 FAV sz 200/G1000 3V	FGKK4230- ...			2001–3000	1000		3
7	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2201–2400			
	linkage FAV sz 400 1V	FZSZ0110- ...			2401–3000			1
8	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601–2800			
	linkage FAV sz 400 A0767	FZSZ0130- ...			2801–3000			
9	handle Globe	Ref.access. ZHGS	1		320–3000			
10	travel restrictor	TFHB0010- ...	1		320–3000			
11	sash part MV	Ref. PDB, ZFMV01	1		1001–1600			
	sash part MV	Ref. PDB, ZFMV01	2		1601–2400			
	sash part MV	Ref. PDB, ZFMV01	3		2401–3000			
12	frame part MV	Ref. PDB, ZRZM01	1		1001–1600			
	frame part MV	Ref. PDB, ZRZM01	2		1601–2400			
	frame part MV	Ref. PDB, ZRZM01	3		2401–3000			
13	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
14	striker plate 56	Ref. PDB, FRSB						
on request								
15	mishandling device FAV.	FFBS0110- ...	1					
16	pressure piece	Ref. PDB, TFFD	1					
17	stop	Ref. PDB, FRZF01	1					
18	snapper switchable rh.	TFST0011- ...	1		1801–3000			
	snapper switchable lh.	TFST0012- ...			1801–3000			
19	frame part snapper	Ref. PDB, TRST	1		1801–3000			

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
20	stay hinge	Ref. PDB, FBWB			1	1
21	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
22	top hinge S	Ref. PDB, FBSL02			1	1
23	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
24	top hinge pin diam.6	FBSB0010-1 ...			1	1
25	bottom hinge	Ref. PDB, FBEL01			1	
26	bottom hinge S	Ref. PDB, FBEL02				1
27	filling piece H timber	Ref. PDB, FBFS			1	1
28	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
29	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
30	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
31	reb.cor.hinge	Ref. PDB, TBFE81			1	1
32	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1

Frame dimensions

1-sash square turn
H12 GK Hinge side Si-line



Dimensions in mm

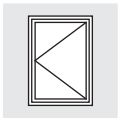
All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1650	
1B	421	1031–1260	
	621	1261–1490	
	821	1491–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	1031–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
3B	500		801–1000
	700		1001–1400
	900		1401–1600
	1100		1601–1800
	1300		1801–3000
3C	400		1601–1800
	600		1801–3000
3D	1143		1801–3000
3E	1700		2001–3000
3F	448		2401–3000

FAVORIT

Installation instructions





GS

1-sash square turn

timber 12 mm

basic security

fixed handle position

Hinge side Si-line

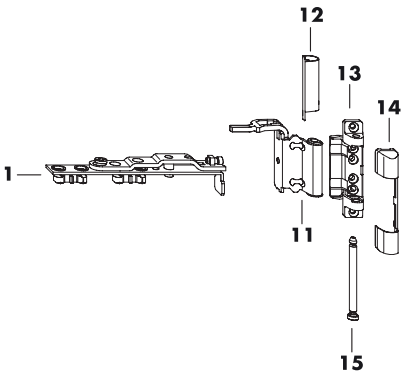
surface TS

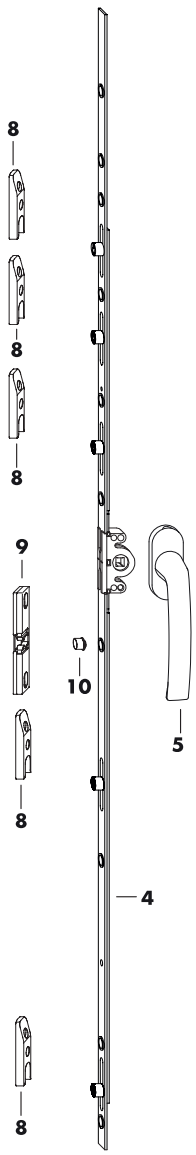
backset 15 mm

Hardware set configuration	
General	Locking-points distance 1000; gear DF
Stay side	one-piece stay
Locking side	mishandl. device on gear
Hinge side turning points	loose filling pc / pre-mounted

hardware layout

1-sash square turn
H12 GK Hinge side Si-line



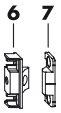


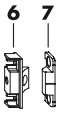
Size range

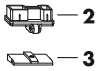
		Window/door
FFB	(mm)	290-800
FFH	(mm)	320-2400
sash weight	(kg)	100/130

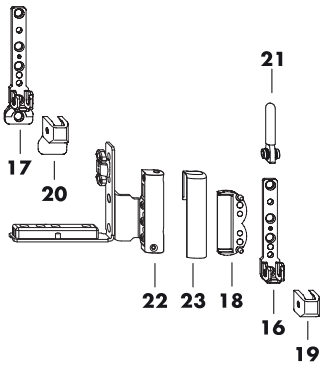
The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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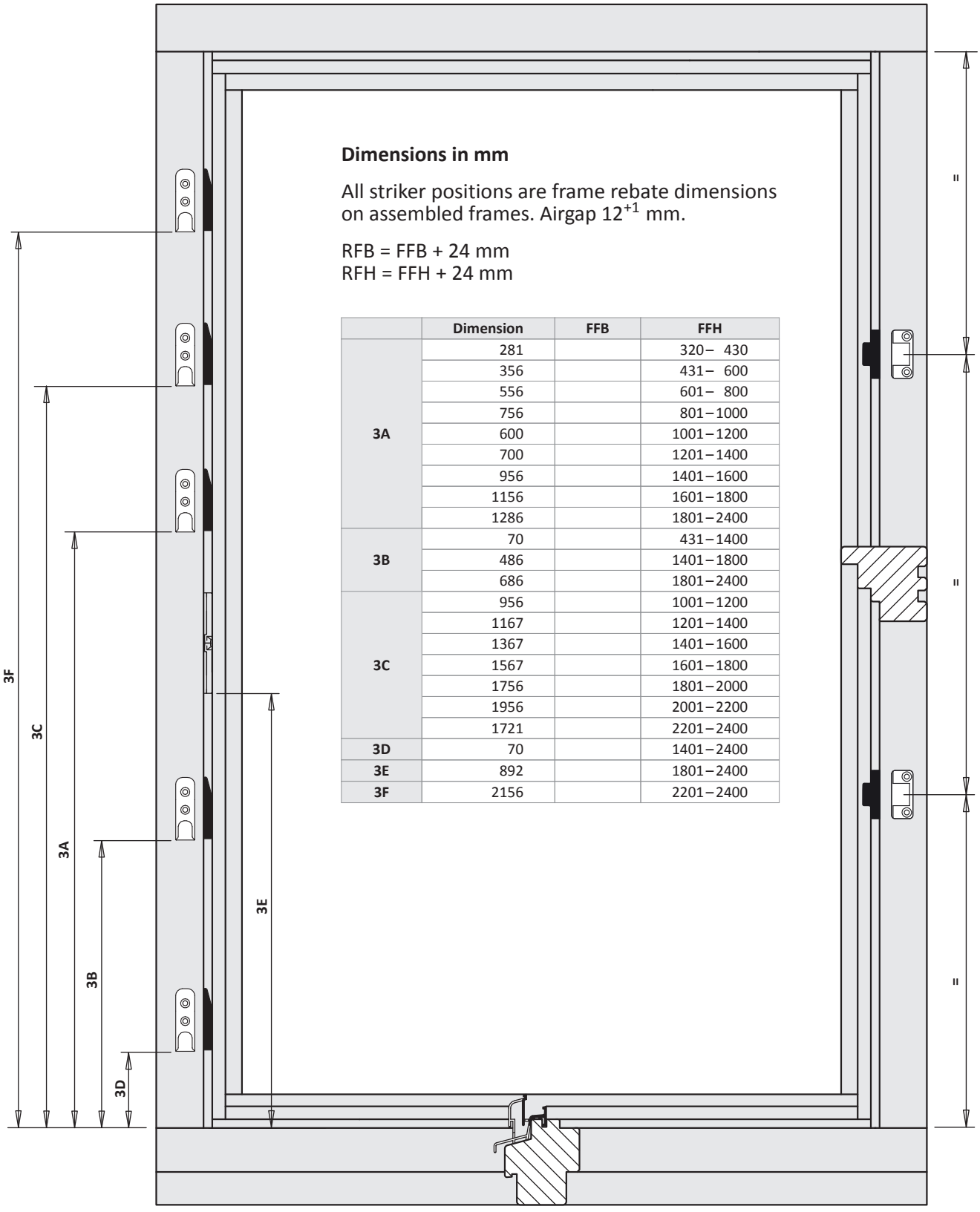


Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.
							8
1	stay 7 DF	707340	1	290 – 800			
2	sash lift .. A2000	TFFH0010- ...	1	290 – 800			
3	run-up FH/TiP	Ref. PDB, TRAL	1	290 – 800			
4	gear 15 FAV/DF sz 30/G180 1V	FGKD3510- ...	1		320 – 430	180	1
	gear 15 FAV/DF sz 40/G180 2V	FGKD3520- ...			431 – 600	180	2
	gear 15 FAV/DF sz 60/G300 2V	FGKD3530- ...			601 – 800	300	2
	gear 15 FAV/DF sz 80/G400 2V	FGKD3540- ...			801 – 1000	400	2
	gear 15 FAV/DF sz 100/G500 3V	FGKD3550- ...			1001 – 1200	500	3
	gear 15 FAV/DF sz 120/G600 3V	FGKD3560- ...			1201 – 1400	600	3
	gear 15 FAV/DF sz 140/G700 4V	FGKD3570- ...			1401 – 1600	700	4
	gear 15 FAV/DF sz 160/G700 4V	FGKD3580- ...			1601 – 1800	700	4
	gear 15 FAV/DF sz 180/G1000 4V	FGKD3590- ...			1801 – 2000	1000	4
	gear 15 FAV/DF sz 200/G1000 4V	FGKD3600- ...			2001 – 2200	1000	4
	gear 15 FAV/DF sz 220/G1000 5V	FGKD3610- ...			2201 – 2400	1000	5
5	handle Globe	Ref.access. ZHGS	1		320 – 2400		
6	sash part MV	Ref. PDB, ZFMV01	1		1001 – 1600		
	sash part MV	Ref. PDB, ZFMV01	2		1601 – 2400		
7	frame part MV	Ref. PDB, ZRZM01	1		1001 – 1600		
	frame part MV	Ref. PDB, ZRZM01	2		1601 – 2400		
8	striker plate 56	Ref. PDB, FRSB					
on request							
9	snapper	Ref. PDB, FRZB	1		1801 – 2400		
10	sleeve	Ref. PDB, FFHU	1		1801 – 2400		

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
11	stay hinge	Ref. PDB, FBWB			1	1
12	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
13	top hinge S	Ref. PDB, FBSL02			1	1
14	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
15	top hinge pin diam.6	FBSB0010-1 ...			1	1
16	bottom hinge	Ref. PDB, FBEL01			1	
17	bottom hinge S	Ref. PDB, FBEL02				1
18	filling piece H timber	Ref. PDB, FBFS			1	1
19	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
20	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
21	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
22	reb.cor.hinge	Ref. PDB, TBFE81			1	1
23	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1

Frame dimensions

1-sash square turn
H12 GK Hinge side Si-line



Dimensions in mm

All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
3A	281		320 – 430
	356		431 – 600
	556		601 – 800
	756		801 – 1000
	600		1001 – 1200
	700		1201 – 1400
	956		1401 – 1600
	1156		1601 – 1800
	1286		1801 – 2400
3B	70		431 – 1400
	486		1401 – 1800
	686		1801 – 2400
3C	956		1001 – 1200
	1167		1201 – 1400
	1367		1401 – 1600
	1567		1601 – 1800
	1756		1801 – 2000
	1956		2001 – 2200
	1721		2201 – 2400
3D	70		1401 – 2400
3E	892		1801 – 2400
3F	2156		2201 – 2400

Vertical tilt point

1-sash square tilt-turn	H48.FAVH2M0S500EN	6 - 3
2-sash square tilt-turn/turn shoot bolt	H48.FAVH2M0S501EN	6 - 9

Horizontal tilt point - basic security

1-sash square tilt-turn	H48.FAVH2M0S600EN	6 - 17
2-sash square tilt-turn/turn DSG	H48.FAVH2M0S601EN	6 - 23
2-sash square tilt-turn/turn shoot bolt	H48.FAVH2M0S602EN	6 - 31
Tilt before turn (TBT)		
1-sash square tilt before turn	H48.FAVH2M0S604EN	6 - 39

Horizontal tilt point - 3-point security

1-sash square tilt-turn	H48.FAVH2M3PS600EN	6 - 45
2-sash square tilt-turn/turn DSG	H48.FAVH2M3PS601EN	6 - 51
Tilt before turn (TBT)		
1-sash square tilt before turn	H48.FAVH2M3PS602EN	6 - 59

Turn only sash

1-sash square turn with gear DK	H48.FAVH2M0S605EN	6 - 65
1-sash square turn with gear DF	H48.FAVH2M0S606EN	6 - 69

Tilt sash

1-sash square tilt	H48.FAVH2M0S607EN	6 - 73

FAVORIT

Installation instructions





without security

1-sash square tilt-turn

timber 12 mm

without security

centre handle pos. (variable)

Hinge side Si-line

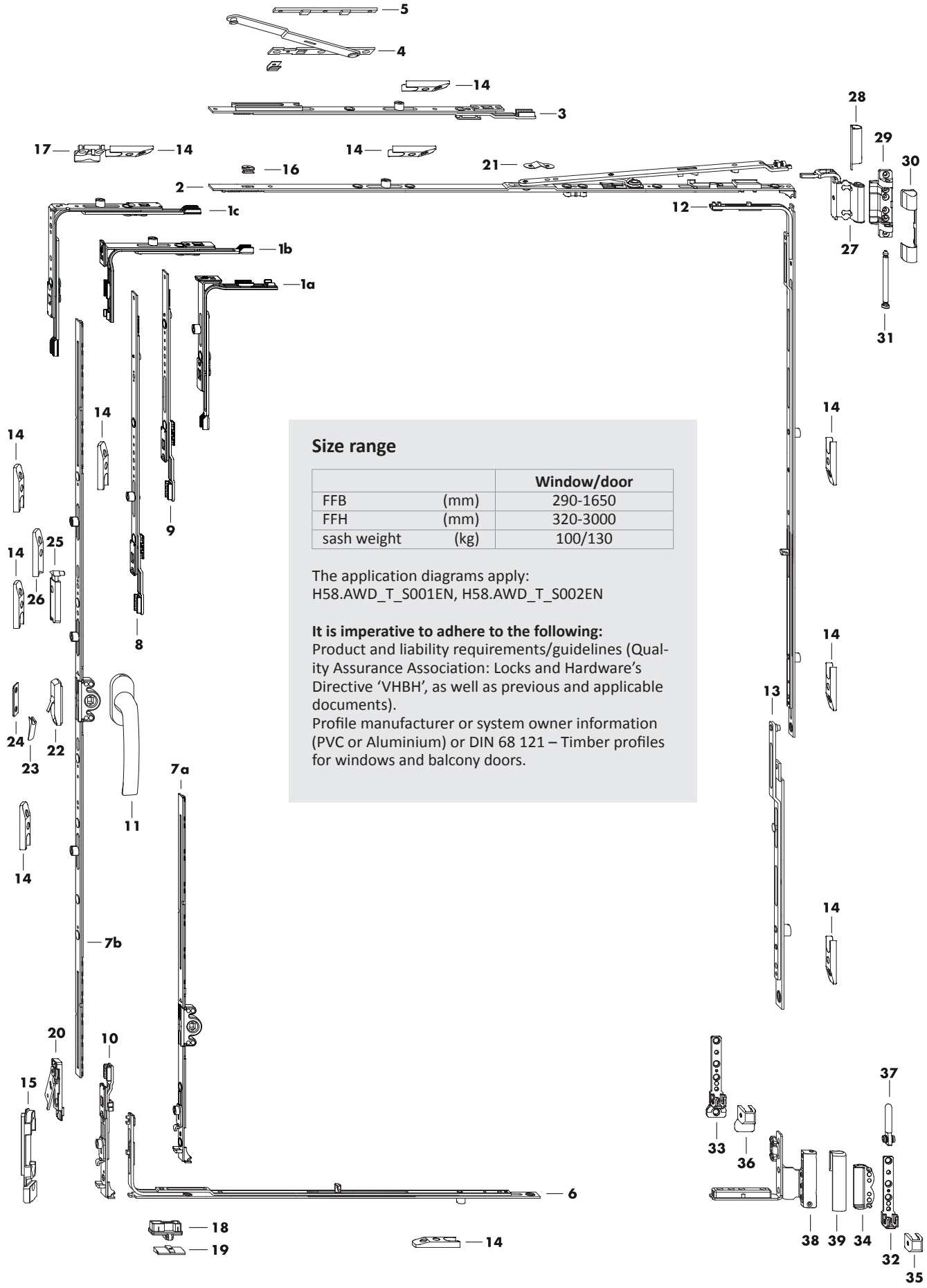
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 1000; vertical tilt point
Stay side	one-piece stay
Locking side	sash lift arm + mishandl.dev.
Hinge side	corner drive BS 2V
Hinge side turning points	loose filling pc / pre-mounted

hardware layout

1-sash square tilt-turn
H12 GM Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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.




List of fittings

1-sash square tilt-turn

H12 GM Hinge side Si-line

FAVORIT

without security

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							14	15
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	290– 410	431–3000		1	
1b	corn.drive narrow VSO ..	FEUL0520- ...	1	411– 800	320– 430		1	
1c	corn.drive VSO ..	FEUL0230- ...	1	411–1650	431–3000		1	
2	stay 7 sz 30	707302	1	290– 620				
	stay 7 sz 35 MV	707319		621– 800				
	stay 7 sz 50 MV	707326		801–1030				
	stay 7 sz 55 MV	707333		1031–1260			1	
	stay 7 sz 50 MV	707326		1261–1490			1	
	stay 7 sz 55 MV	707333		1491–1650			1	
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650			1	
4	additional stay	Ref. PDB, TSZS	1	1261–1650				
5	packer Z	Ref. PDB, FRUP01	1	1261–1650				
6	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1	1031–1260			1	
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...		1261–1490			1	
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...		1491–1650			1	
7a	gear 15 FAV sz 30/G180	FGKK4010- ...	1	411– 800	320– 430	180		1
	gear 15 FAV sz 30/G180	FGKK4010- ...			431– 600	180		1
7b	gear 15 FAV sz 60	FGMK4020- ...	1		601– 800	300– 400		
	gear 15 FAV sz 80 1V	FGMK4040- ...			801–1000	400– 500		
	gear 15 FAV sz 80 1V	FGMK4040- ...			1001–1200	500– 600	1	
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201–1400	600– 700	1	
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401–1600	700– 800	2	
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601–2000	800–1000	2	
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001–2400	1000–1200	2	
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401–3000	1200	2	
8	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401–2600			
	linkage FAV sz 400 1V	FZSZ0110- ...			2601–3000		1	
9	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801–3000			
10	tilt lock element FAV/FH	FEKB1010- ...	1		601–3000			1
11	handle Globe	Ref.access. ZHGS	1		320–3000			
12	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		1001–1200		1	
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1600		1	
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601–2000		1	
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001–3000		2	
13	MV extension sz 60	700952	1		2401–3000		1	
14	striker plate 56	Ref. PDB, FRSB						
15	tilt striker plate FHA	Ref. PDB, TRKV						
on request								
16	location piece ..	702543	1					
17	frame part SP-S	Ref. PDB, FRZL01	1					
18	sash lift .. A2000	TFFH0010- ...	1		320– 600			
19	run-up FH/TiP	Ref. PDB, TRAL	1		320– 600			
20	sash lift KRB .. rh.	TFFH0151- ...	1		601–3000			
	sash lift KRB .. lh.	TFFH0152- ...			601–3000			
21	tilt restrictor ..	805701	1		320– 800			
22	mishandling device FAV.	FFBS0110- ...	1					
23	pressure piece	Ref. PDB, TFFD	1					
24	stop	Ref. PDB, FRZF01	1					
25	snapper switchable rh.	TFST0011- ...	1		1601–3000			
	snapper switchable lh.	TFST0012- ...			1601–3000			
26	frame part snapper	Ref. PDB, TRST	1		1601–3000			

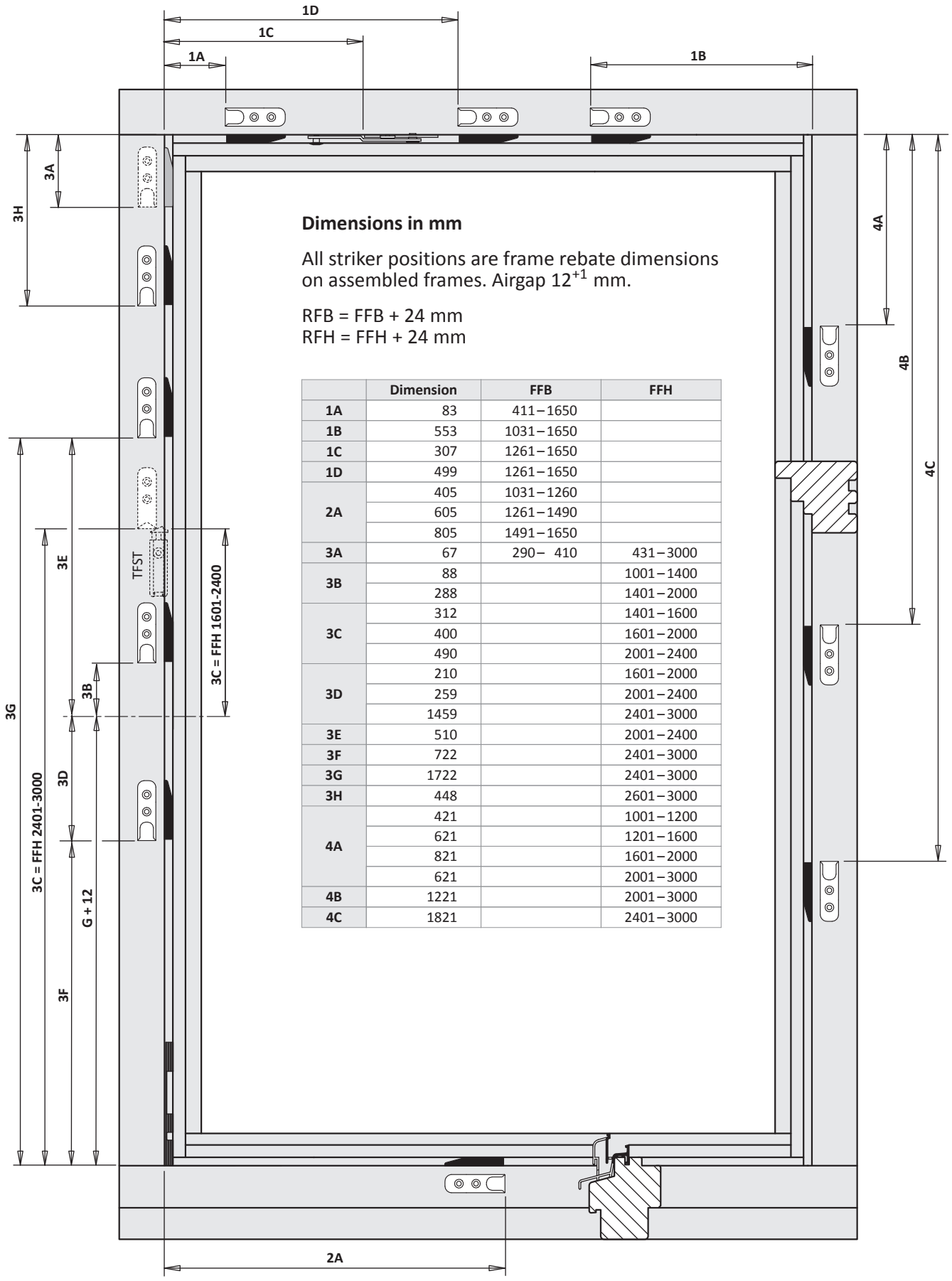
List of fittings

1-sash square tilt-turn
H12 GM Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
27	stay hinge	Ref. PDB, FBWB			1	1
28	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
29	top hinge S	Ref. PDB, FBSL02			1	1
30	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
31	top hinge pin diam.6	FBSB0010-1 ...			1	1
32	bottom hinge	Ref. PDB, FBEL01			1	
33	bottom hinge S	Ref. PDB, FBEL02				1
34	filling piece H timber	Ref. PDB, FBFS			1	1
35	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
36	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
37	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
38	reb.cor.hinge	Ref. PDB, TBFE81			1	1
39	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1



Dimensions in mm

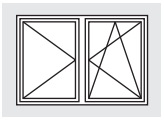
All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411 – 1650	
1B	553	1031 – 1650	
1C	307	1261 – 1650	
1D	499	1261 – 1650	
2A	405	1031 – 1260	
	605	1261 – 1490	
	805	1491 – 1650	
3A	67	290 – 410	431 – 3000
3B	88		1001 – 1400
	288		1401 – 2000
3C	312		1401 – 1600
	400		1601 – 2000
	490		2001 – 2400
3D	210		1601 – 2000
	259		2001 – 2400
	1459		2401 – 3000
3E	510		2001 – 2400
3F	722		2401 – 3000
3G	1722		2401 – 3000
3H	448		2601 – 3000
4A	421		1001 – 1200
	621		1201 – 1600
	821		1601 – 2000
	621		2001 – 3000
4B	1221		2001 – 3000
4C	1821		2401 – 3000

FAVORIT

Installation instructions





without security

2-sash square tilt-turn/turn shoot bolt

timber 12 mm

without security

centre handle pos. (variable)

Hinge side Si-line

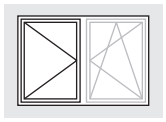
surface TS

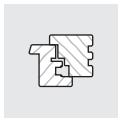
backset 15 mm

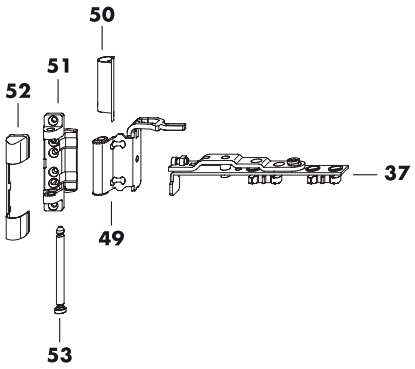
Hardware set configuration	
General	Locking-points distance 1000; vertical tilt point
Stay side	one-piece stay
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose filling pc / pre-mounted

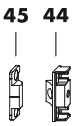
hardware layout slave sash

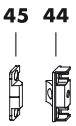
2-sash square tilt-turn/turn shoot bolt
H12 GM Hinge side Si-line

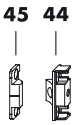


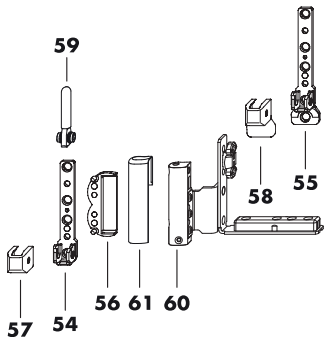










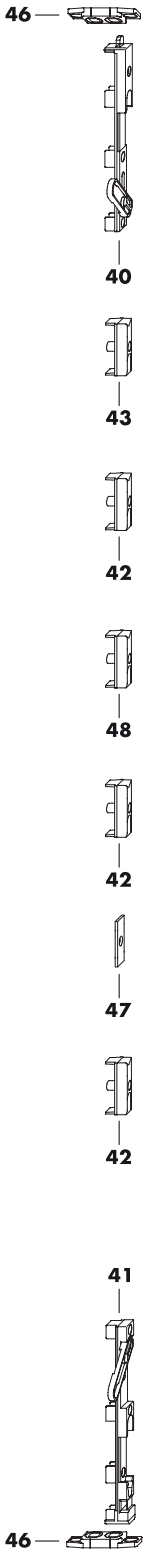


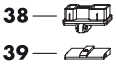
Size range

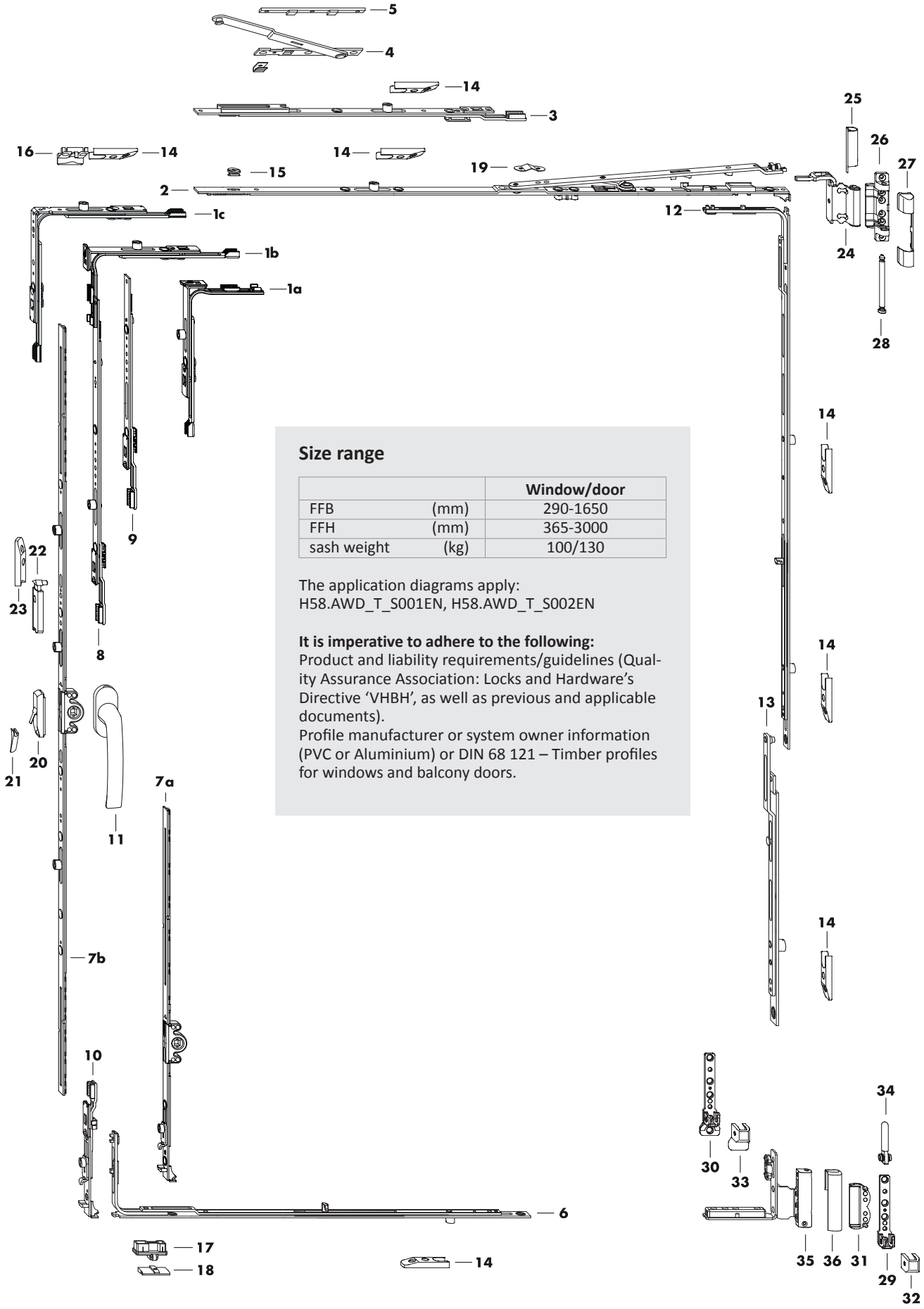
		Window/door
FFB	(mm)	290-800
FFH	(mm)	365-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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.







Size range

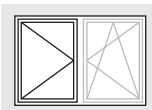
		Window/door
FFB	(mm)	290-1650
FFH	(mm)	365-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

It is imperative to adhere to the following:
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List of fittings slave sash

2-sash square tilt-turn/turn shoot bolt
H12 GM Hinge side Si-line





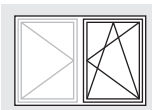
Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.
						In the main sash	46
37	stay 7 DF	707340	1	290 – 800			
38	sash lift .. A2000	TFFH0010- ...	1	290 – 800			
39	run-up FH/TiP	Ref. PDB, TRAL	1	290 – 800			
40	shoot bolt VSO A2000	701195	1		365 – 3000		1
41	shoot bolt VSU A2000	701126	1		365 – 3000		1
42	striker plate 56 A2000	TRSB0030- ...	1		1001 – 1200	500 – 600	
	striker plate 56 A2000	TRSB0030- ...			1201 – 1600	600 – 800	
	striker plate 56 A2000	TRSB0030- ...			1601 – 2000	800 – 1000	
	striker plate 56 A2000	TRSB0030- ...	2		2001 – 2400	1000 – 1200	
	striker plate 56 A2000	TRSB0030- ...			2401 – 2600	1200	
43	striker plate 56 A2000	TRSB0030- ...	3		2601 – 3000	1200	
44	sash part MV	Ref. PDB, ZFMV01	1		1001 – 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		1001 – 1600		
	frame part MV	Ref. PDB, ZRZM01	2		1601 – 2400		
	frame part MV	Ref. PDB, ZRZM01	3		2401 – 3000		
46	striker V	Ref. PDB, FRZV01					
on request							
47	stop 2,2mm	710937	1		801 – 3000		
48	striker plate 56 A2000	TRSB0030- ...	1		1601 – 3000		

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
49	stay hinge	Ref. PDB, FBWB			1	1
50	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
51	top hinge S	Ref. PDB, FBSL02			1	1
52	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
53	top hinge pin diam.6	FBSB0010-1 ...			1	1
54	bottom hinge	Ref. PDB, FBEL01			1	
55	bottom hinge S	Ref. PDB, FBEL02				1
56	filling piece H timber	Ref. PDB, FBFS			1	1
57	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
58	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
59	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
60	reb.cor.hinge	Ref. PDB, TBFE81			1	1
61	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.
							14
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	290– 410	431–3000		
1b	corn.drive narrow VSO ..	FEUL0520- ...	1	411– 800	365– 430		1
1c	corn.drive VSO ..	FEUL0230- ...	1	290–1650			1
2	stay 7 sz 30	707302	1	290– 620			
	stay 7 sz 35 MV	707319		621– 800			
	stay 7 sz 50 MV	707326		801–1030			
	stay 7 sz 55 MV	707333		1031–1260			1
	stay 7 sz 50 MV	707326		1261–1490			1
	stay 7 sz 55 MV	707333		1491–1650			1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650			1
4	additional stay	Ref. PDB, TSZS	1	1261–1650			
5	packer Z	Ref. PDB, FRUP01	1	1261–1650			
6	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1	1031–1260			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...		1261–1490			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...		1491–1650			1
7a	gear 15 FAV sz 30/G180	FGKK4010- ...	1	411– 800	365– 430		
	gear 15 FAV sz 30/G180	FGKK4010- ...			431– 600	180	
7b	gear 15 FAV sz 60	FGMK4020- ...	1		601– 800	300– 400	
	gear 15 FAV sz 80 1V	FGMK4040- ...			801–1000	400– 500	
	gear 15 FAV sz 80 1V	FGMK4040- ...			1001–1200	500– 600	
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201–1400	600– 700	
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401–1600	700– 800	
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601–2000	800–1000	
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001–2400	1000–1200	
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401–3000	1200	
8	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401–2600		
	linkage FAV sz 400 1V	FZSZ0110- ...			2601–3000		
9	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801–3000		
10	tilt lock element FAV/FH	FEKB1010- ...	1		601–3000		
11	handle Globe	Ref.access. ZHGS	1		365–3000		
12	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		1001–1200		1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1600		1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601–2000		1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001–3000		2
13	MV extension sz 60	700952	1		2401–3000		1
14	striker plate 56	Ref. PDB, FRSB					
on request							
15	location piece ..	702543	1				
16	frame part SP-S	Ref. PDB, FRZL01	1				
17	sash lift .. A2000	TFFH0010- ...	1		365– 600		
18	run-up FH/TiP	Ref. PDB, TRAL	1		365– 600		
19	tilt restrictor ..	805701	1		365– 800		
20	mishandling device FAV.	FFBS0110- ...	1				
21	pressure piece	Ref. PDB, TFFD	1				
22	snapper switchable rh.	TFST0011- ...	1		1601–3000		
	snapper switchable lh.	TFST0012- ...			1601–3000		
23	frame part snapper	Ref. PDB, TRST	1		1601–3000		

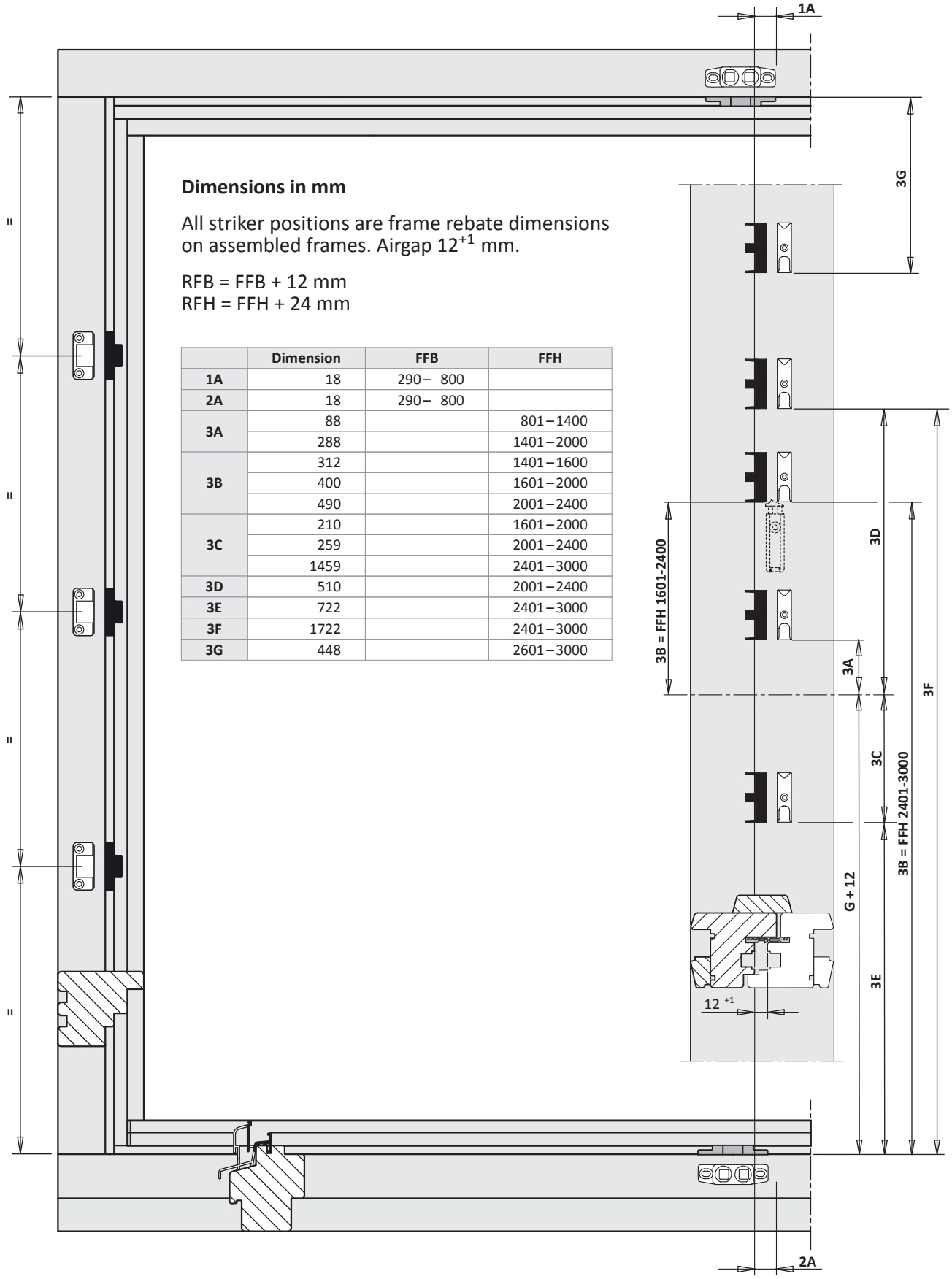
List of fittings main sash

2-sash square tilt-turn/turn shoot bolt
H12 GM Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
24	stay hinge	Ref. PDB, FBWB			1	1
25	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
26	top hinge S	Ref. PDB, FBSL02			1	1
27	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
28	top hinge pin diam.6	FBSB0010-1 ...			1	1
29	bottom hinge	Ref. PDB, FBEL01			1	
30	bottom hinge S	Ref. PDB, FBEL02				1
31	filling piece H timber	Ref. PDB, FBFS			1	1
32	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
33	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
34	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
35	reb.cor.hinge	Ref. PDB, TBFE81			1	1
36	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1



Dimensions in mm

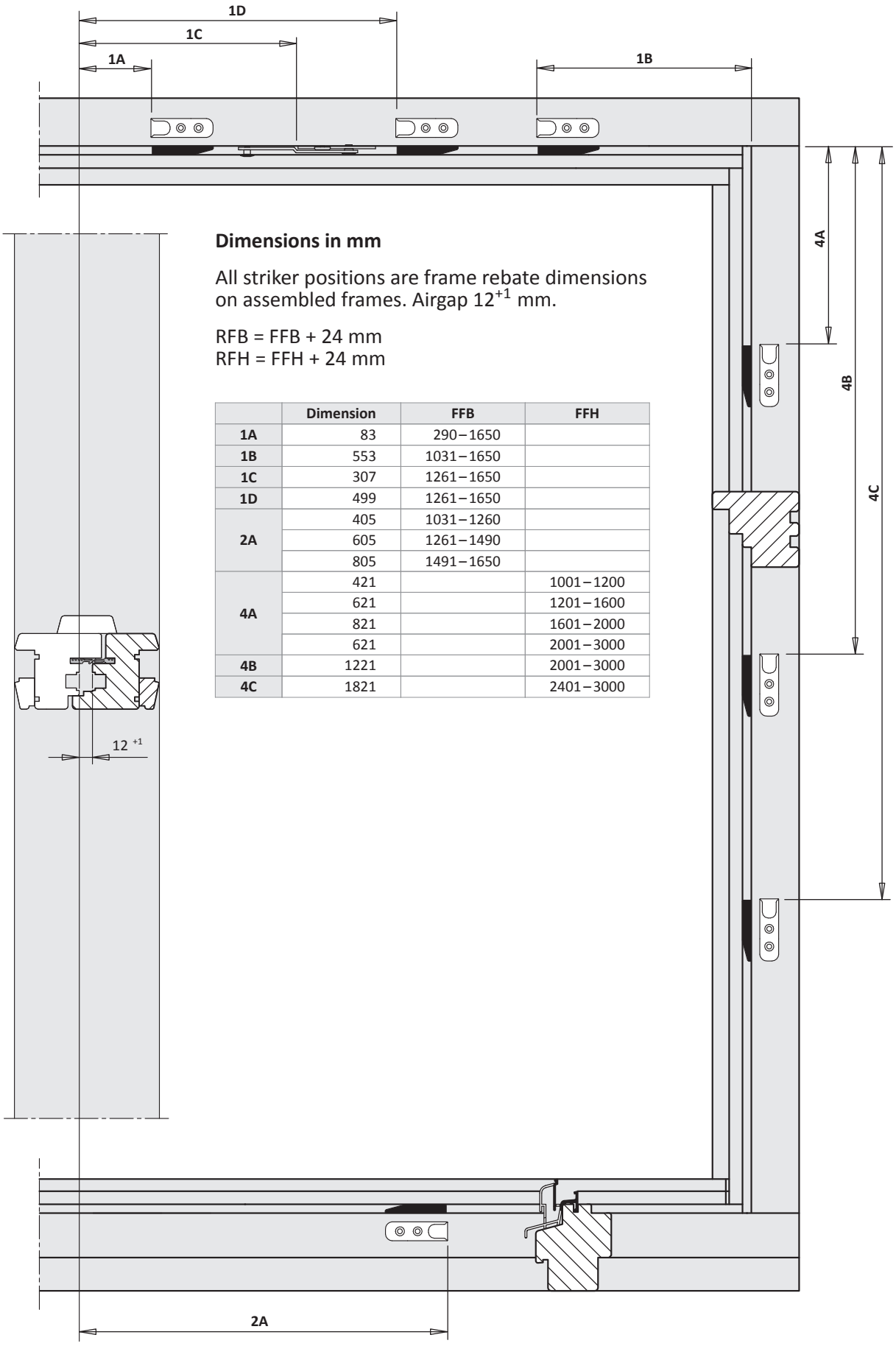
All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	18	290 – 800	
2A	18	290 – 800	
3A	88		801 – 1400
	288		1401 – 2000
3B	312		1401 – 1600
	400		1601 – 2000
	490		2001 – 2400
3C	210		1601 – 2000
	259		2001 – 2400
	1459		2401 – 3000
3D	510		2001 – 2400
3E	722		2401 – 3000
3F	1722		2401 – 3000
3G	448		2601 – 3000

Frame dimensions main sash

2-sash square tilt-turn/turn shoot bolt
H12 GM Hinge side Si-line



Dimensions in mm

All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	290 – 1650	
1B	553	1031 – 1650	
1C	307	1261 – 1650	
1D	499	1261 – 1650	
2A	405	1031 – 1260	
	605	1261 – 1490	
	805	1491 – 1650	
4A	421		1001 – 1200
	621		1201 – 1600
	821		1601 – 2000
	621		2001 – 3000
4B	1221		2001 – 3000
4C	1821		2401 – 3000

FAVORIT

Installation instructions





GS

1-sash square tilt-turn

timber 12 mm

basic security

centre handle pos. (variable)

Hinge side Si-line

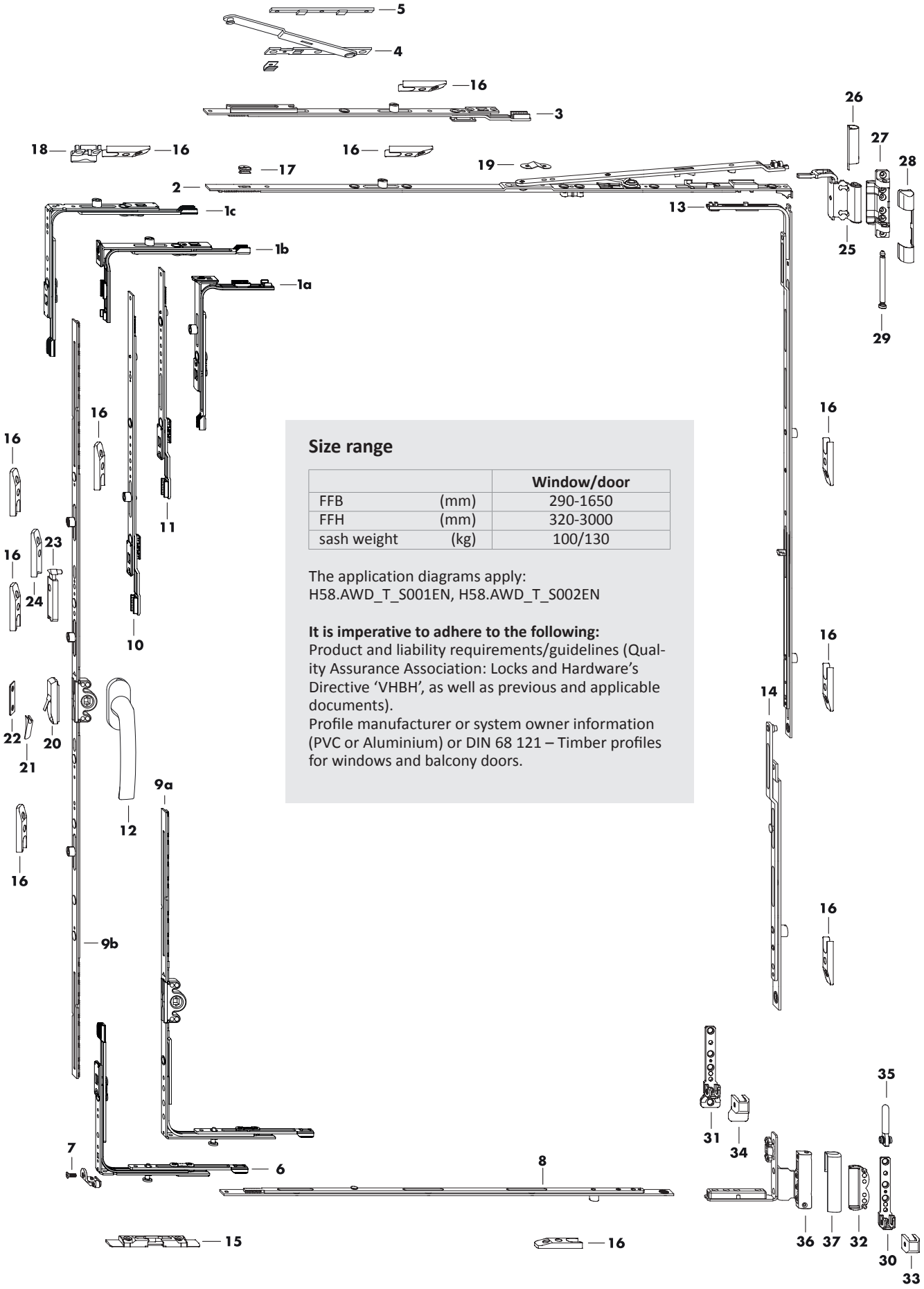
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 1000
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose filling pc / pre-mounted

hardware layout

1-sash square tilt-turn
H12 GM Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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.

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							15	16
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	290– 410	431–3000			1
1b	corn.drive narrow VSO ..	FEUL0520- ...	1	411– 800	320– 430			1
1c	corn.drive VSO ..	FEUL0230- ...	1	411–1650	431–3000			1
2	stay 7 sz 30	707302	1	290– 620				
	stay 7 sz 35 MV	707319		621– 800				
	stay 7 sz 50 MV	707326		801–1030				
	stay 7 sz 55 MV	707333		1031–1260				1
	stay 7 sz 50 MV	707326		1261–1490				1
	stay 7 sz 55 MV	707333		1491–1650				1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650				1
4	additional stay	Ref. PDB, TSZS	1	1261–1650				
5	packer Z	Ref. PDB, FRUP01	1	1261–1650				
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1	
7	sash lift S-ES	Ref. PDB, FMFH	1	290–1650				
8	centre lock sz 50	700969	1	1031–1260				1
	centre lock sz 70	700976		1261–1490				1
	centre lock sz 90	700983		1491–1650				1
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1	
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...			431– 600	180	1	
9b	gear 15 FAV sz 60	FGMK4020- ...	1		601– 800	300– 400		
	gear 15 FAV sz 80 1V	FGMK4040- ...			801–1000	400– 500		
	gear 15 FAV sz 80 1V	FGMK4040- ...			1001–1200	500– 600		1
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201–1400	600– 700		1
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401–1600	700– 800		2
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601–2000	800–1000		2
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001–2400	1000–1200		2
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401–3000	1200		2
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401–2600			
	linkage FAV sz 400 1V	FZSZ0110- ...			2601–3000			1
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801–3000			
12	handle Globe	Ref.access. ZHGS	1		320–3000			
13	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		1001–1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1600			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601–2000			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001–3000			2
14	MV extension sz 60	700952	1		2401–3000			1
15	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
16	striker plate 56	Ref. PDB, FRSB						
on request								
17	location piece ..	702543	1					
18	frame part SP-S	Ref. PDB, FRZL01	1					
19	tilt restrictor ..	805701	1		320– 800			
20	mishandling device FAV.	FFBS0110- ...	1					
21	pressure piece	Ref. PDB, TFFD	1					
22	stop	Ref. PDB, FRZF01	1					
23	snapper switchable rh.	TFST0011- ...	1		1601–3000			
	snapper switchable lh.	TFST0012- ...			1601–3000			
24	frame part snapper	Ref. PDB, TRST	1		1601–3000			

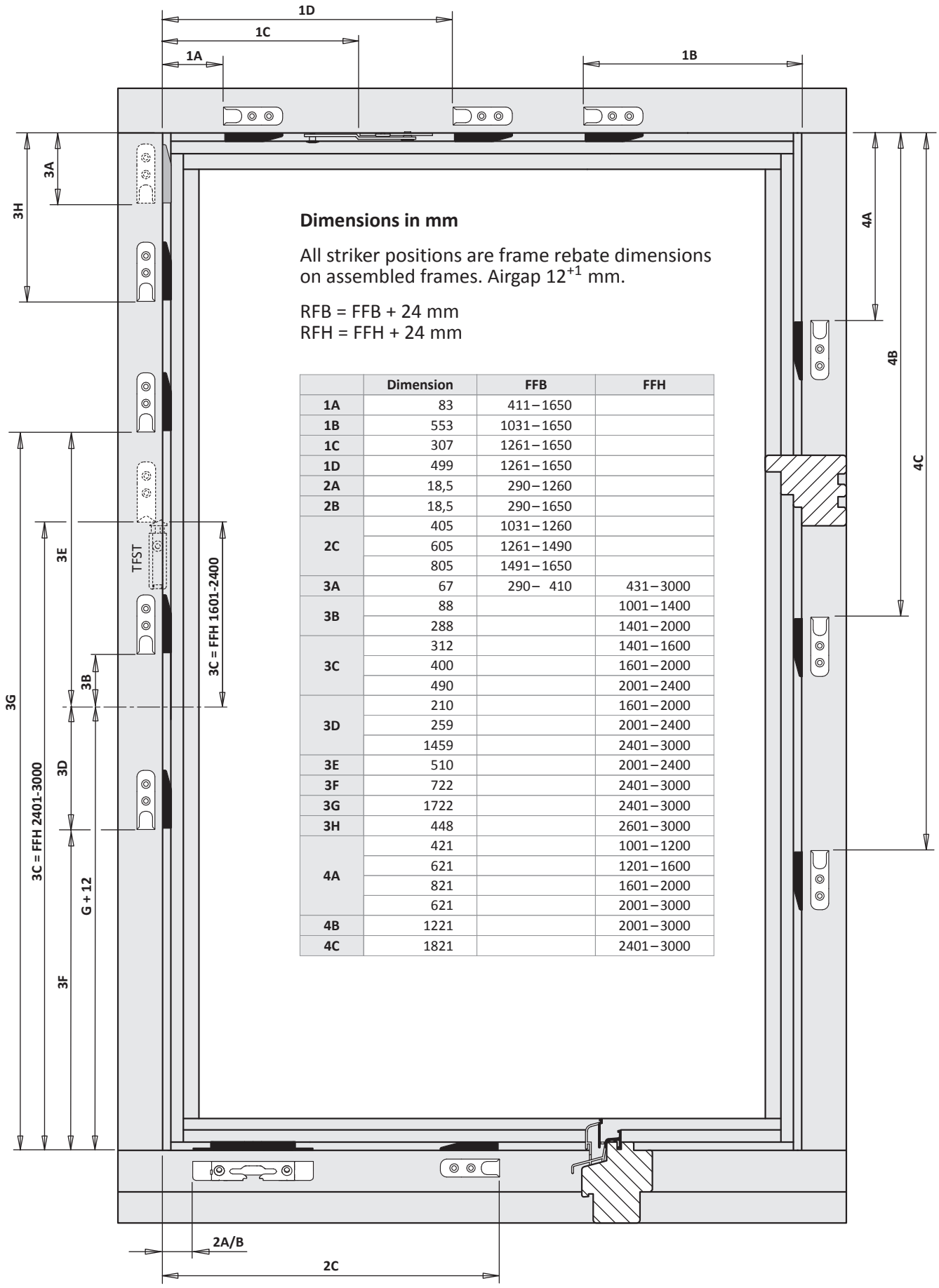
List of fittings

1-sash square tilt-turn
H12 GM Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
25	stay hinge	Ref. PDB, FBWB			1	1
26	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
27	top hinge S	Ref. PDB, FBSL02			1	1
28	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
29	top hinge pin diam.6	FBSB0010-1 ...			1	1
30	bottom hinge	Ref. PDB, FBEL01			1	
31	bottom hinge S	Ref. PDB, FBEL02				1
32	filling piece H timber	Ref. PDB, FBFS			1	1
33	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
34	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
35	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
36	reb.cor.hinge	Ref. PDB, TBFE81			1	1
37	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1



Dimensions in mm

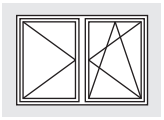
All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1650	
1B	553	1031–1650	
1C	307	1261–1650	
1D	499	1261–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	1031–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
3B	88		1001–1400
	288		1401–2000
3C	312		1401–1600
	400		1601–2000
	490		2001–2400
3D	210		1601–2000
	259		2001–2400
	1459		2401–3000
3E	510		2001–2400
3F	722		2401–3000
3G	1722		2401–3000
3H	448		2601–3000
4A	421		1001–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4B	1221		2001–3000
4C	1821		2401–3000

FAVORIT

Installation instructions





GS

2-sash square tilt-turn/turn DSG gear

timber 12 mm

basic security

centre handle pos. (variable)

Hinge side Si-line

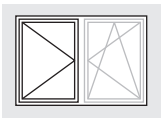
surface TS

backset 15 mm

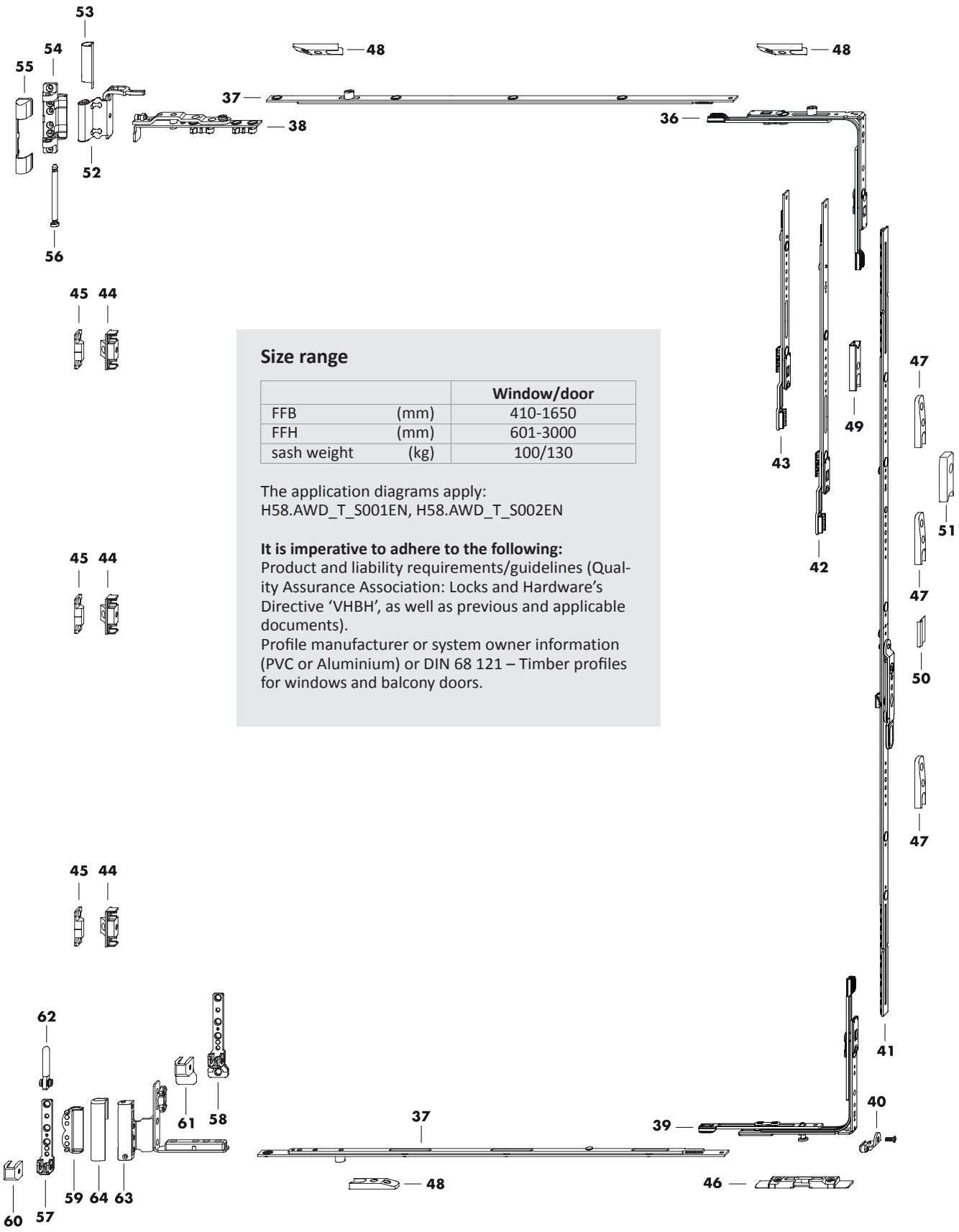
Hardware set configuration	
General	Locking-points distance 1000
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose filling pc / pre-mounted

hardware layout slave sash

2-sash square tilt-turn/turn DSG gear
H12 GM Hinge side Si-line





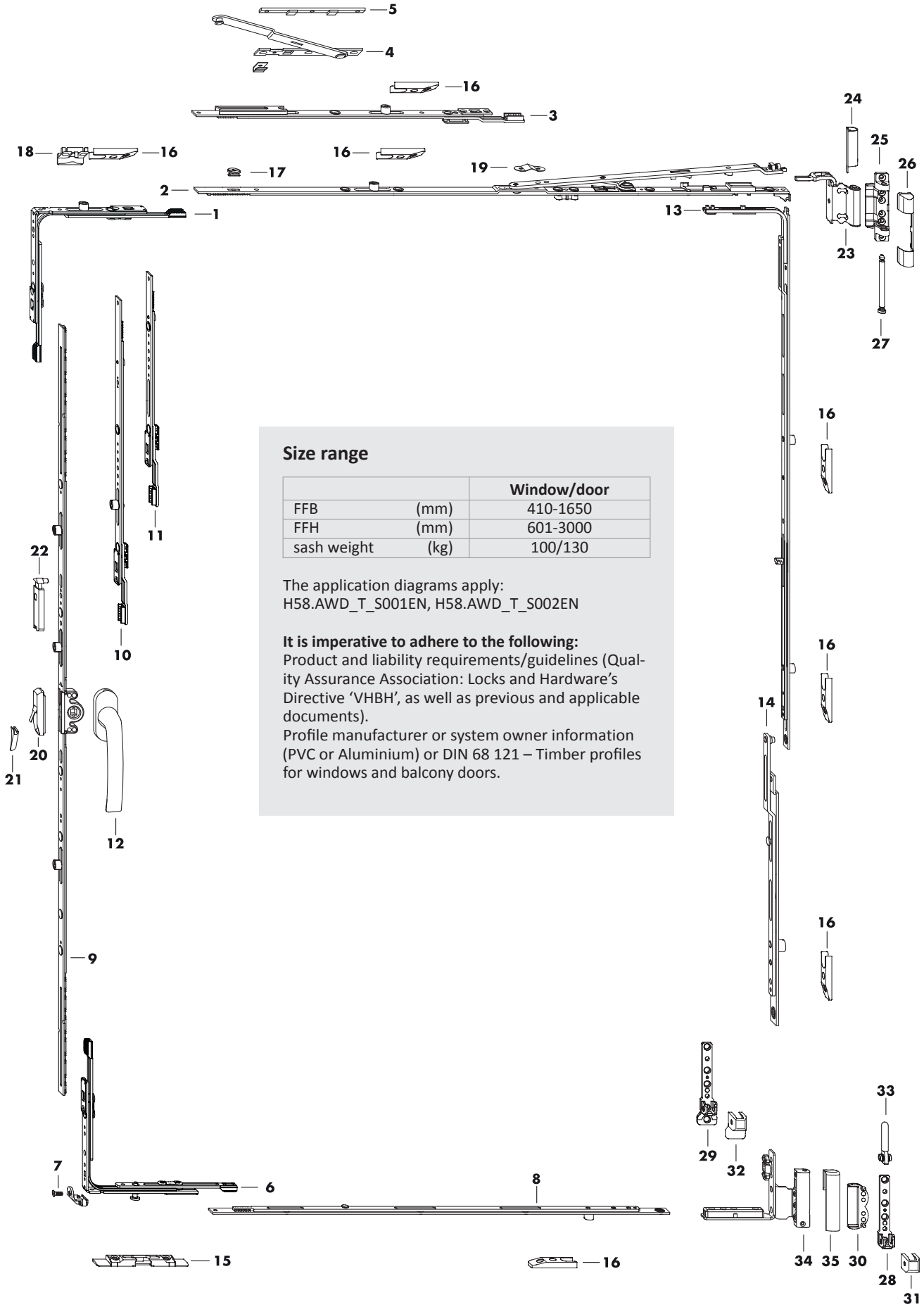


Size range

		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

It is imperative to adhere to the following:
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Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.



Size range

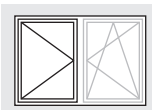
		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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List of fittings slave sash

2-sash square tilt-turn/turn DSG gear
H12 GM Hinge side Si-line





Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.			
						In the main sash	46	47	48	49
36	corn.drive VSO ..	FEUL0230- ...	1	410 – 1650					1	
37	centre lock sz 50	700969	2	1031 – 1260					2	
	centre lock sz 70	700976		1261 – 1490					2	
	centre lock sz 90	700983		1491 – 1650					2	
38	stay 7 DF	707340	1	410 – 1650						
39	corn.drive FAV VS 1S ..	FEUL0510- ...	1	410 – 1650			1			
40	sash lift S-ES	Ref. PDB, FMFH	1	410 – 1650						
41	s.sash gear16 FAV 60/300	FGKS4030- ...	1		601 – 800	300 – 400				
	sec.sash gear16 FAV sz .80 1SB	FGMS4040- ...			801 – 1000	400 – 500				
	sec.sash gear16 FAV sz .80 1SB	FGMS4040- ...			1001 – 1200	500 – 600		1		
	sec.sash gear16 FAV sz 120 1SB	FGMS4050- ...			1201 – 1400	600 – 700		1		
	sec.sash gear16 FAV sz 120 2SB	FGMS4120- ...			1401 – 1600	700 – 800		1		
	sec.sash gear16 FAV sz 160 2SB	FGMS4130- ...			1601 – 2000	800 – 1000		1		
	sec.sash gear16 FAV sz 200 3SB	FGMS4100- ...			2001 – 2400	1000 – 1200		1		
	sec.sash gear16 FAV sz 200 3SB	FGMS4100- ...			2401 – 3000	1200		1		
42	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401 – 2600					1
	linkage FAV sz 400 A0767	FZSZ0130- ...			2601 – 3000					1
43	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801 – 3000					
44	sash part MV	Ref. PDB, ZFMV01	1		1001 – 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		1001 – 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 plate f. gear MV	Ref. PDB, FRSA02								
48	striker plate 56	Ref. PDB, FRSB								
49	striker plate 56 A0767	TRSB0020- ...								
on request										
50	stop	Ref. PDB, FRZF04	1		801 – 3000					
51	striker snapper A0767	TRST0010- ...	1		1801 – 3000					

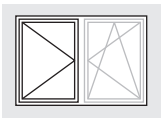
Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
52	stay hinge	Ref. PDB, FBWB			1	1
53	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
54	top hinge S	Ref. PDB, FBSL02			1	1
55	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
56	top hinge pin diam.6	FBSB0010-1 ...			1	1
57	bottom hinge	Ref. PDB, FBEL01			1	
58	bottom hinge S	Ref. PDB, FBEL02				1
59	filling piece H timber	Ref. PDB, FBFS			1	1
60	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
61	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
62	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
63	reb.cor.hinge	Ref. PDB, TBFE81			1	1
64	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							15	16
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	410– 410				
1b	corn.drive VSO ..	FEUL0230- ...	1	411–1650				1
2	stay 7 sz 30	707302	1	410– 620				
	stay 7 sz 35 MV	707319		621– 800				
	stay 7 sz 50 MV	707326		801–1030				
	stay 7 sz 55 MV	707333		1031–1260				1
	stay 7 sz 50 MV	707326		1261–1490				1
	stay 7 sz 55 MV	707333		1491–1650				1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650				1
4	additional stay	Ref. PDB, TSZS	1	1261–1650				
5	packer Z	Ref. PDB, FRUP01	1	1261–1650				
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	410–1650			1	
7	sash lift S-ES	Ref. PDB, FMFH	1	410–1650				
8	centre lock sz 50	700969	1	1031–1260				1
	centre lock sz 70	700976		1261–1490				1
	centre lock sz 90	700983		1491–1650				1
9	gear 15 FAV sz 60	FGMK4020- ...	1		601– 800	300– 400		
	gear 15 FAV sz 80 1V	FGMK4040- ...			801–1000	400– 500		
	gear 15 FAV sz 80 1V	FGMK4040- ...			1001–1200	500– 600		
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201–1400	600– 700		
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401–1600	700– 800		
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601–2000	800–1000		
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001–2400	1000–1200		
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401–3000	1200		
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401–2600			
	linkage FAV sz 400 1V	FZSZ0110- ...			2601–3000			
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801–3000			
12	handle Globe	Ref.access. ZHGS	1		601–3000			
13	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		1001–1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1600			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601–2000			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001–3000			2
14	MV extension sz 60	700952	1		2401–3000			1
15	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
16	striker plate 56	Ref. PDB, FRSB						
on request								
17	location piece ..	702543	1					
18	frame part SP-S	Ref. PDB, FRZL01	1	411–1650				
19	tilt restrictor ..	805701	1		601– 800			
20	mishandling device FAV.	FFBS0110- ...	1		801–3000			
21	pressure piece	Ref. PDB, TFFD	1		801–3000			
22	snapper switchable rh.	TFST0011- ...	1		1601–3000			
	snapper switchable lh.	TFST0012- ...			1601–3000			

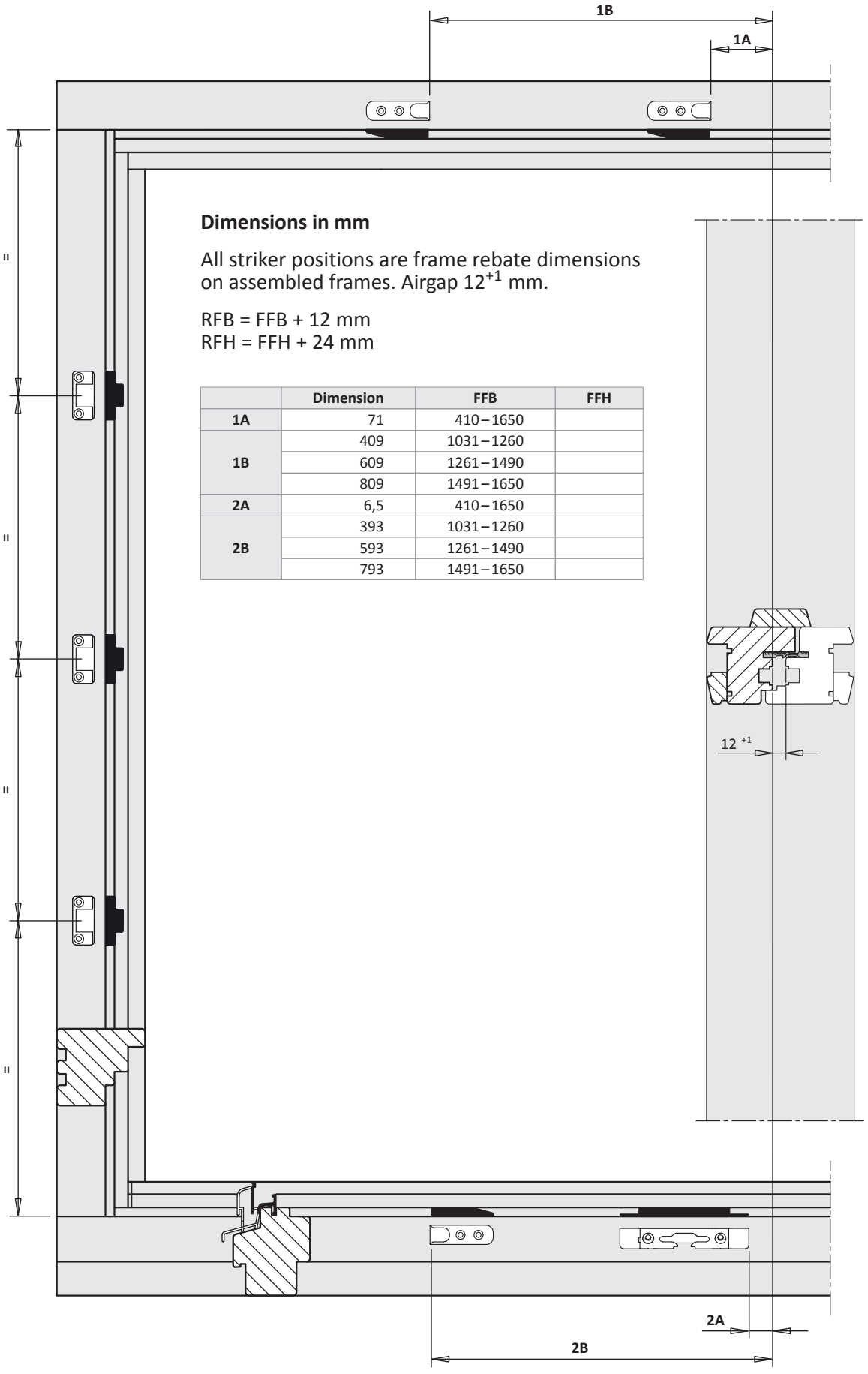
Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
23	stay hinge	Ref. PDB, FBWB			1	1
24	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
25	top hinge S	Ref. PDB, FBSL02			1	1
26	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
27	top hinge pin diam.6	FBSB0010-1 ...			1	1
28	bottom hinge	Ref. PDB, FBEL01			1	
29	bottom hinge S	Ref. PDB, FBEL02				1
30	filling piece H timber	Ref. PDB, FBFS			1	1
31	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
32	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
33	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
34	reb.cor.hinge	Ref. PDB, TBFE81			1	1
35	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1

Frame dimensions slave sash

2-sash square tilt-turn/turn DSG gear
H12 GM Hinge side Si-line





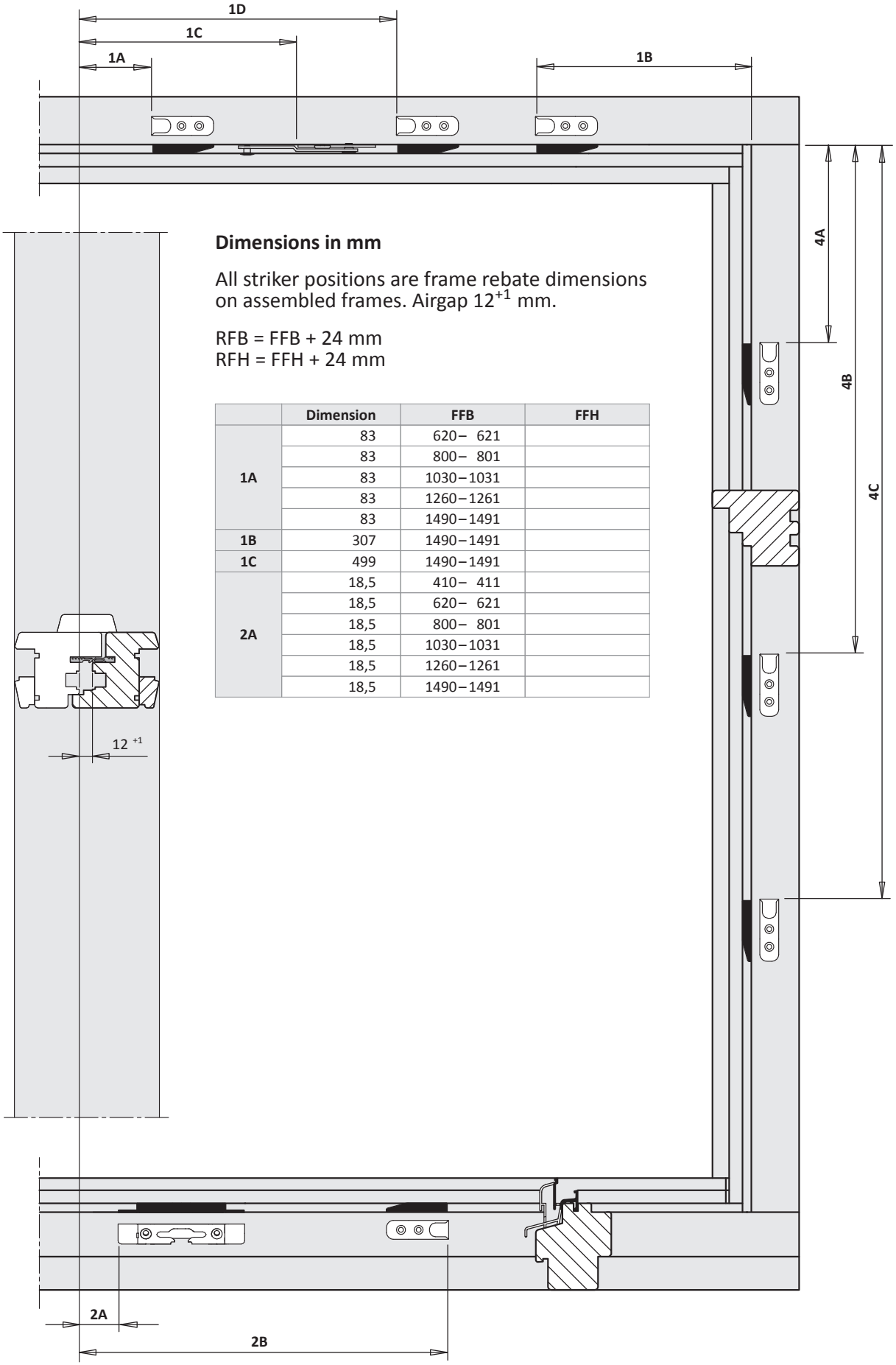


Dimensions in mm

All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	71	410 – 1650	
1B	409	1031 – 1260	
	609	1261 – 1490	
	809	1491 – 1650	
2A	6,5	410 – 1650	
2B	393	1031 – 1260	
	593	1261 – 1490	
	793	1491 – 1650	



Dimensions in mm

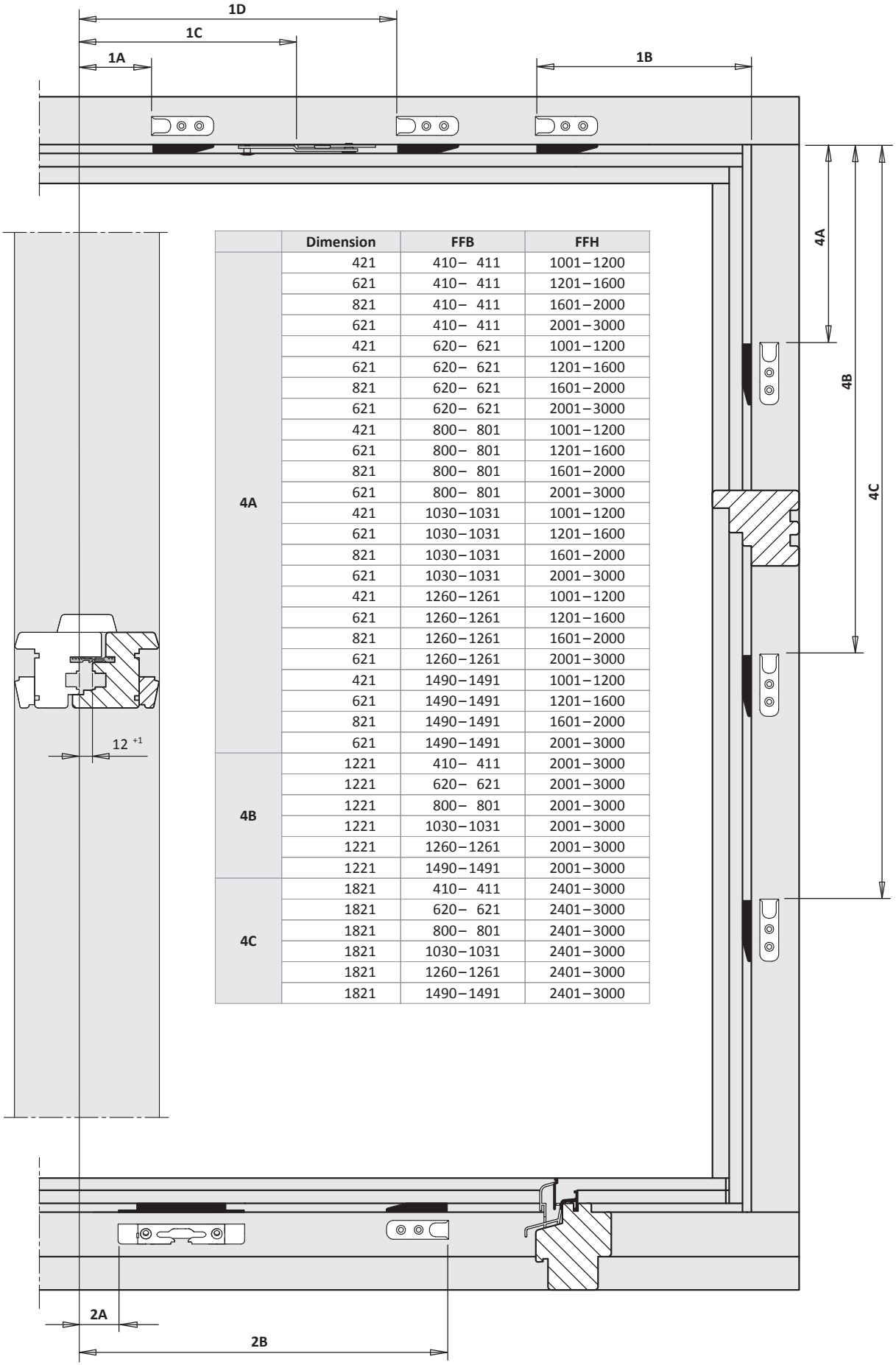
All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	620 – 621	
	83	800 – 801	
	83	1030 – 1031	
	83	1260 – 1261	
	83	1490 – 1491	
1B	307	1490 – 1491	
1C	499	1490 – 1491	
2A	18,5	410 – 411	
	18,5	620 – 621	
	18,5	800 – 801	
	18,5	1030 – 1031	
	18,5	1260 – 1261	
	18,5	1490 – 1491	

Frame dimensions main sash

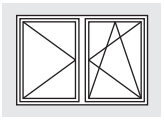
2-sash square tilt-turn/turn DSG gear
H12 GM Hinge side Si-line



	Dimension	FFB	FFH
4A	421	410– 411	1001–1200
	621	410– 411	1201–1600
	821	410– 411	1601–2000
	621	410– 411	2001–3000
	421	620– 621	1001–1200
	621	620– 621	1201–1600
	821	620– 621	1601–2000
	621	620– 621	2001–3000
	421	800– 801	1001–1200
	621	800– 801	1201–1600
	821	800– 801	1601–2000
	621	800– 801	2001–3000
	421	1030–1031	1001–1200
	621	1030–1031	1201–1600
	821	1030–1031	1601–2000
	621	1030–1031	2001–3000
	421	1260–1261	1001–1200
	621	1260–1261	1201–1600
	821	1260–1261	1601–2000
	621	1260–1261	2001–3000
	421	1490–1491	1001–1200
	621	1490–1491	1201–1600
	821	1490–1491	1601–2000
	621	1490–1491	2001–3000
4B	1221	410– 411	2001–3000
	1221	620– 621	2001–3000
	1221	800– 801	2001–3000
	1221	1030–1031	2001–3000
	1221	1260–1261	2001–3000
	1221	1490–1491	2001–3000
4C	1821	410– 411	2401–3000
	1821	620– 621	2401–3000
	1821	800– 801	2401–3000
	1821	1030–1031	2401–3000
	1821	1260–1261	2401–3000
	1821	1490–1491	2401–3000

FAVORIT

Installation instructions





GS

2-sash square tilt-turn/turn shoot bolt

timber 12 mm

basic security

centre handle pos. (variable)

Hinge side Si-line

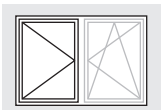
surface TS

backset 15 mm

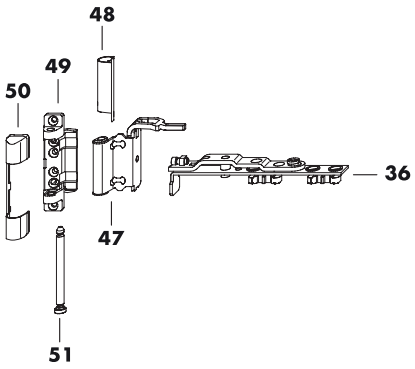
Hardware set configuration	
General	Locking-points distance 1000
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose filling pc / pre-mounted

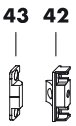
hardware layout slave sash

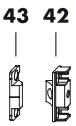
2-sash square tilt-turn/turn shoot bolt
H12 GM Hinge side Si-line

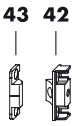


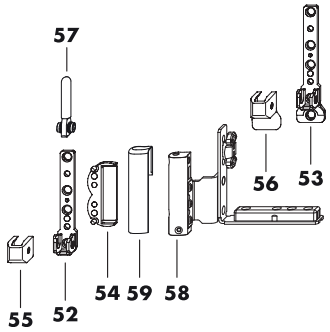










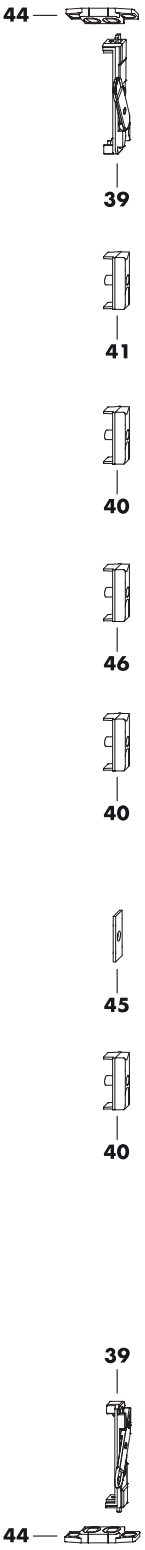


Size range

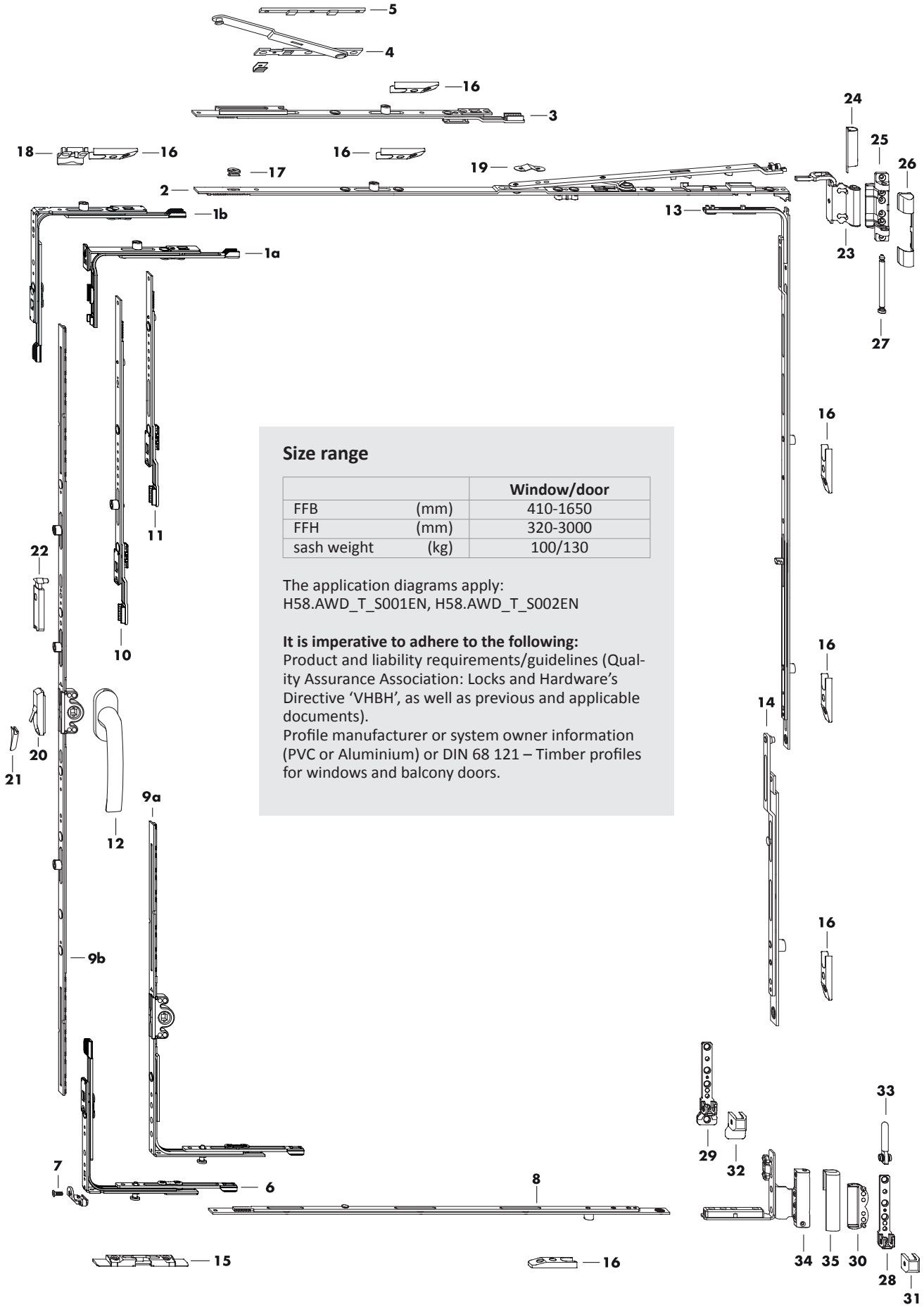
		Window/door
FFB	(mm)	230-800
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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.







Size range

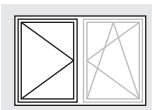
		Window/door
FFB	(mm)	410-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

It is imperative to adhere to the following:
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List of fittings slave sash

2-sash square tilt-turn/turn shoot bolt
H12 GM Hinge side Si-line





Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.
						In the main sash	44
36	stay 7 DF	707340	1	230 – 800			
37	sash lift .. A2000	TFFH0010- ...	1	230 – 800			
38	run-up FH/TiP	Ref. PDB, TRAL	1	230 – 800			
39	short shoot bolt A2000	716236	2		320 – 3000		2
40	striker plate 56 A2000	TRSB0030- ...	1		1001 – 1200	500 – 600	
	striker plate 56 A2000	TRSB0030- ...			1201 – 1600	600 – 800	
	striker plate 56 A2000	TRSB0030- ...			1601 – 2000	800 – 1000	
	striker plate 56 A2000	TRSB0030- ...	2		2001 – 2400	1000 – 1200	
	striker plate 56 A2000	TRSB0030- ...			2401 – 2600	1200	
41	striker plate 56 A2000	TRSB0030- ...	3		2601 – 3000	1200	
42	sash part MV	Ref. PDB, ZFMV01	1		1001 – 1600		
	sash part MV	Ref. PDB, ZFMV01	2		1601 – 2400		
	sash part MV	Ref. PDB, ZFMV01	3		2401 – 3000		
43	frame part MV	Ref. PDB, ZRZM01	1		1001 – 1600		
	frame part MV	Ref. PDB, ZRZM01	2		1601 – 2400		
	frame part MV	Ref. PDB, ZRZM01	3		2401 – 3000		
44	striker V	Ref. PDB, FRZV01					
on request							
45	stop 2,2mm	710937	1		801 – 3000		
46	striker plate 56 A2000	TRSB0030- ...	1		1601 – 3000		

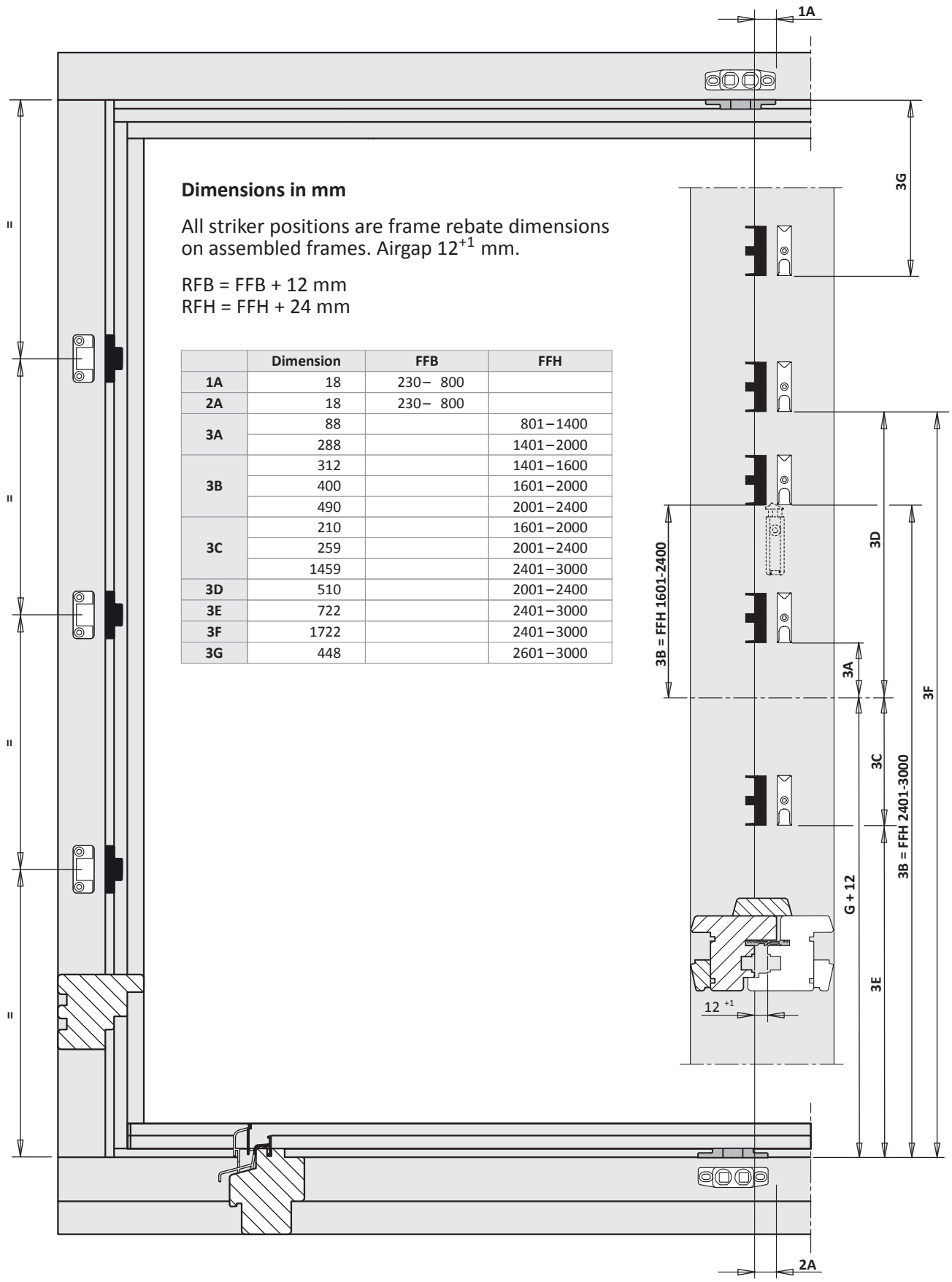
Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
47	stay hinge	Ref. PDB, FBWB			1	1
48	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
49	top hinge S	Ref. PDB, FBSL02			1	1
50	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
51	top hinge pin diam.6	FBSB0010-1 ...			1	1
52	bottom hinge	Ref. PDB, FBEL01			1	
53	bottom hinge S	Ref. PDB, FBEL02				1
54	filling piece H timber	Ref. PDB, FBFS			1	1
55	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
56	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
57	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
58	reb.cor.hinge	Ref. PDB, TBFE81			1	1
59	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							15	16
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	410– 800	320– 430			1
1b	corn.drive VSO ..	FEUL0230- ...	1	410–1650	431–3000			1
2	stay 7 sz 30	707302	1	410– 620				
	stay 7 sz 35 MV	707319		621– 800				
	stay 7 sz 50 MV	707326		801–1030				
	stay 7 sz 55 MV	707333		1031–1260				1
	stay 7 sz 50 MV	707326		1261–1490				1
	stay 7 sz 55 MV	707333		1491–1650				1
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650				1
4	additional stay	Ref. PDB, TSZS	1	1261–1650				
5	packer Z	Ref. PDB, FRUP01	1	1261–1650				
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	410–1650	601–3000		1	
7	sash lift S-ES	Ref. PDB, FMFH	1	410–1650				
8	centre lock sz 50	700969	1	1031–1260				1
	centre lock sz 70	700976		1261–1490				1
	centre lock sz 90	700983		1491–1650				1
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	410– 800	320– 430	180	1	
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...			431– 600	180	1	
9b	gear 15 FAV sz 60	FGMK4020- ...	1		601– 800	300– 400		
	gear 15 FAV sz 80 1V	FGMK4040- ...			801–1000	400– 500		
	gear 15 FAV sz 80 1V	FGMK4040- ...			1001–1200	500– 600		
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201–1400	600– 700		
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401–1600	700– 800		
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601–2000	800–1000		
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001–2400	1000–1200		
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401–3000	1200		
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401–2600			
	linkage FAV sz 400 1V	FZSZ0110- ...			2601–3000			
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801–3000			
12	handle Globe	Ref.access. ZHGS	1		320–3000			
13	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		1001–1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1600			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601–2000			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001–3000			2
14	MV extension sz 60	700952	1		2401–3000			1
15	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
16	striker plate 56	Ref. PDB, FRSB						
on request								
17	location piece ..	702543	1					
18	frame part SP-S	Ref. PDB, FRZL01	1					
19	tilt restrictor ..	805701	1		320– 800			
20	mishandling device FAV.	FFBS0110- ...	1		801–3000			
21	pressure piece	Ref. PDB, TFFD	1		801–3000			
22	snapper switchable rh.	TFST0011- ...	1		1601–3000			
	snapper switchable lh.	TFST0012- ...			1601–3000			

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
23	stay hinge	Ref. PDB, FBWB			1	1
24	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
25	top hinge S	Ref. PDB, FBSL02			1	1
26	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
27	top hinge pin diam.6	FBSB0010-1 ...			1	1
28	bottom hinge	Ref. PDB, FBEL01			1	
29	bottom hinge S	Ref. PDB, FBEL02				1
30	filling piece H timber	Ref. PDB, FBFS			1	1
31	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
32	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
33	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
34	reb.cor.hinge	Ref. PDB, TBFE81			1	1
35	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1

Frame dimensions slave sash

2-sash square tilt-turn/turn shoot bolt
H12 GM Hinge side Si-line

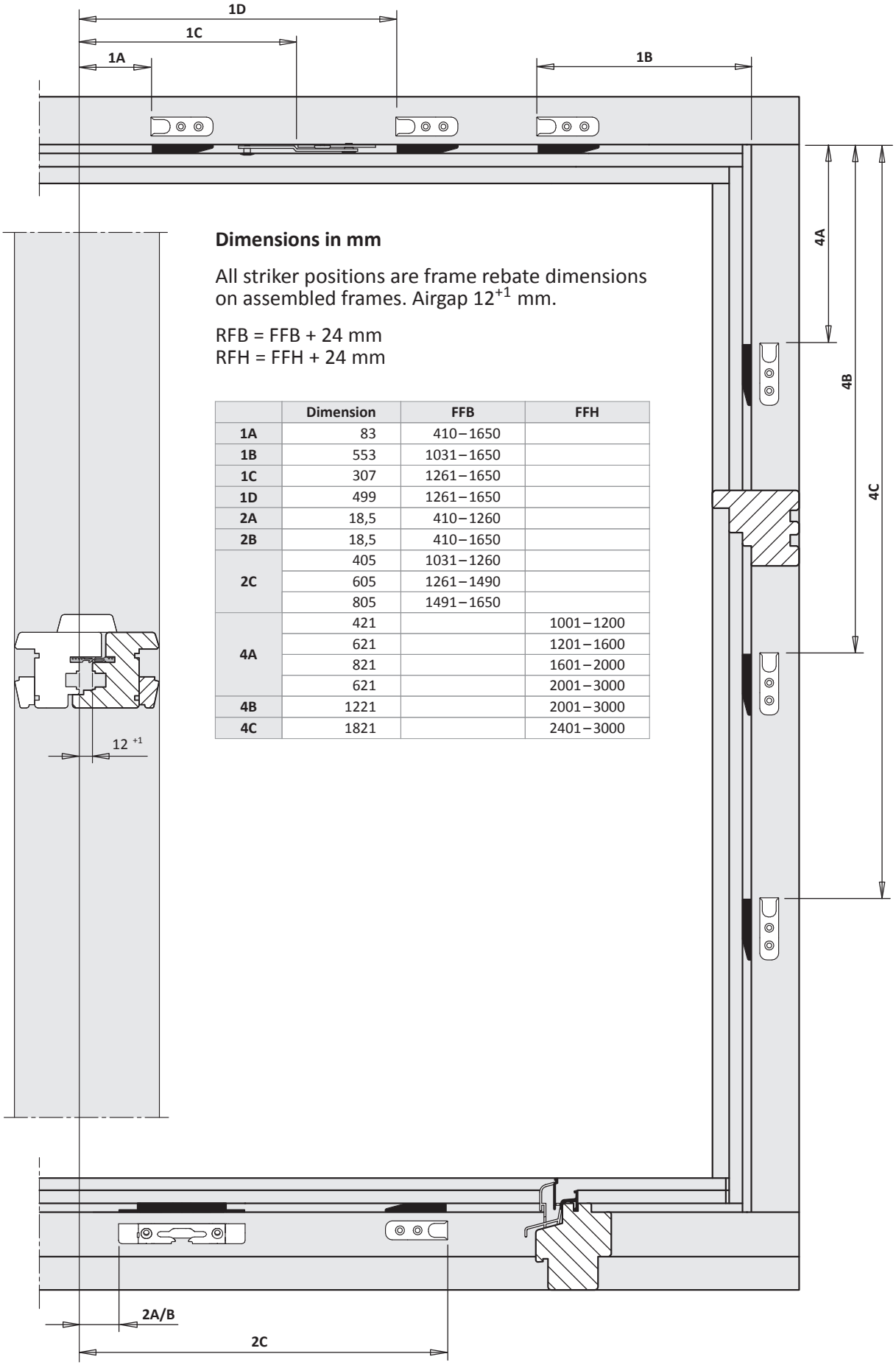


Dimensions in mm

All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	18	230 – 800	
2A	18	230 – 800	
3A	88		801 – 1400
	288		1401 – 2000
3B	312		1401 – 1600
	400		1601 – 2000
	490		2001 – 2400
3C	210		1601 – 2000
	259		2001 – 2400
	1459		2401 – 3000
3D	510		2001 – 2400
3E	722		2401 – 3000
3F	1722		2401 – 3000
3G	448		2601 – 3000



Dimensions in mm

All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	410 – 1650	
1B	553	1031 – 1650	
1C	307	1261 – 1650	
1D	499	1261 – 1650	
2A	18,5	410 – 1260	
2B	18,5	410 – 1650	
2C	405	1031 – 1260	
	605	1261 – 1490	
	805	1491 – 1650	
4A	421		1001 – 1200
	621		1201 – 1600
	821		1601 – 2000
	621		2001 – 3000
4B	1221		2001 – 3000
4C	1821		2401 – 3000

FAVORIT

Installation instructions




1-sash square tilt before turn (TBT)

timber 12 mm

basic security

centre handle pos. (variable)

Hinge side Si-line

surface TS

backset 15 mm

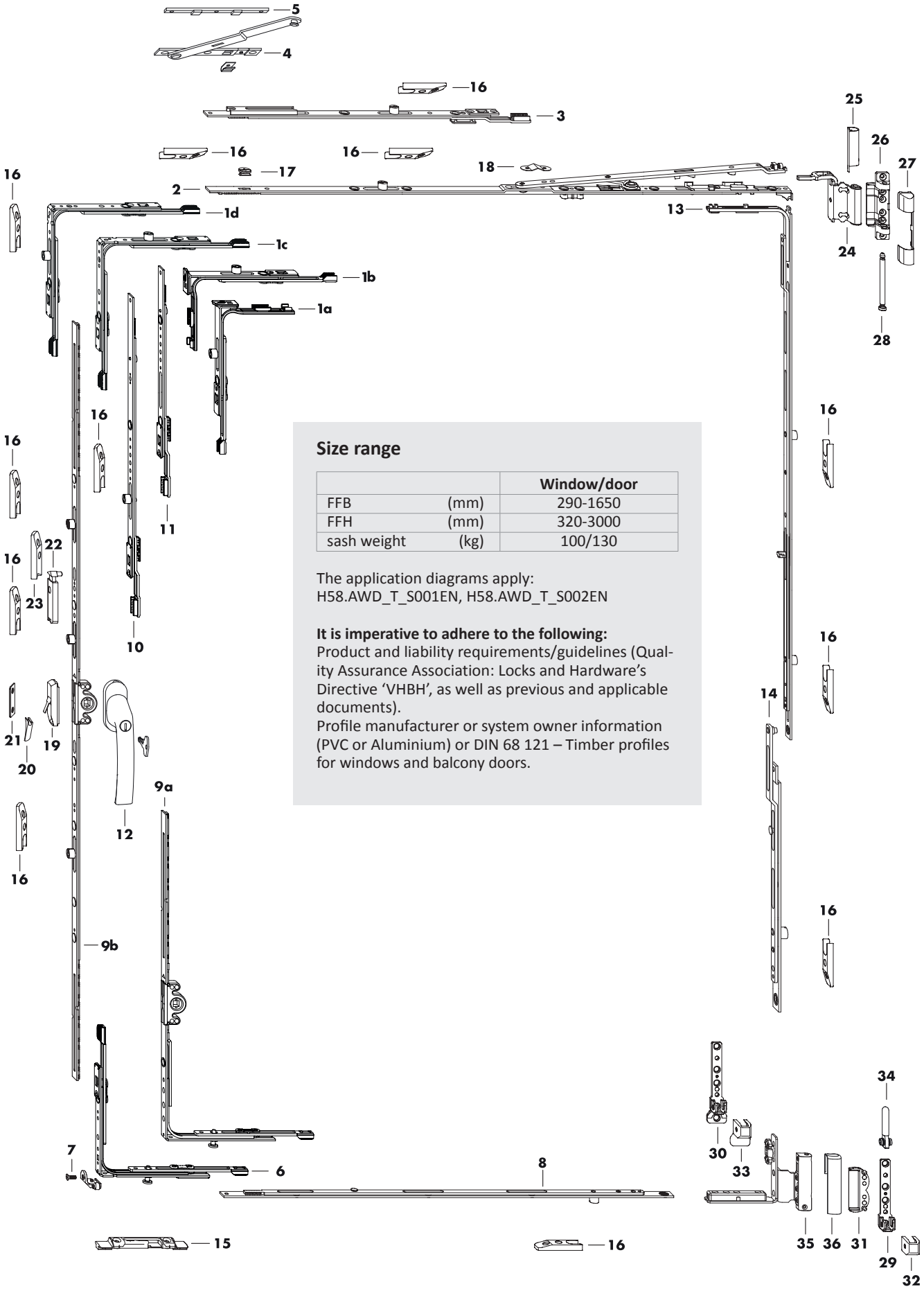
Hardware set configuration	
General	Locking-points distance 1000
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive BS 2V
Hinge side turning points	loose filling pc / pre-mounted

hardware layout

1-sash square tilt before turn (TBT)
H12 GM Hinge side Si-line







Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							15	16
1a	corn.drive narrow VSO ..	FEUL0520- ...	1	290– 410	431–3000			1
1b	corn.drive narrow VSO ..	FEUL0520- ...	1	411– 800	320– 430			1
1c	corn.drive VSO ..	FEUL0230- ...	1	411–1260	431–3000			1
1d	corn.drive VSO ..	FEUL0230- ...	1	1261–1650	431–3000			1
2	stay 7 TBT sz 30	707357	1	290– 620				
	stay 7 TBT sz 35 MV	707364		621– 800				
	stay 7 TBT sz 50 MV	707371		801–1030				
	stay 7 TBT sz 55 MV	707388		1031–1260				1
	stay 7 TBT sz 50 MV	707371		1261–1490				1
	stay 7 TBT sz 55 MV	707388		1491–1650				1
3	linkage S/Z TBT FAV 1V	FZOT0100- ...	1	1261–1650				1
4	additional stay	Ref. PDB, TSZS	1	1261–1650				
5	packer Z	Ref. PDB, FRUP01	1	1261–1650				
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1	
7	sash lift S-ES	Ref. PDB, FMFH	1	290–1650				
8	centre lock sz 50	700969	1	1031–1260				1
	centre lock sz 70	700976		1261–1490				1
	centre lock sz 90	700983		1491–1650				1
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1	
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...			431– 600	180	1	
9b	gear 15 FAV sz 60	FGMK4020- ...	1		601– 800	300– 400		
	gear 15 FAV sz 80 1V	FGMK4040- ...			801–1000	400– 500		
	gear 15 FAV sz 80 1V	FGMK4040- ...			1001–1200	500– 600		1
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201–1400	600– 700		1
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401–1600	700– 800		2
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601–2000	800–1000		2
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001–2400	1000–1200		2
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401–3000	1200		2
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401–2600			
	linkage FAV sz 400 1V	FZSZ0110- ...			2601–3000			1
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801–3000			
12	handle Globe TBT lockable	Ref.access. ZHGT	1		320–3000			
13	corn.drive VSU BS sz 50 1V ..	FEUL2070- ...	1		1001–1200			1
	corn.drive VSU BS sz 70 1V ..	FEUL2080- ...			1201–1600			1
	corn.drive VSU BS sz 90 1V ..	FEUL2090- ...			1601–2000			1
	corn.drive BS sz 130 2V ..	FEUL2630- ...			2001–3000			2
14	MV extension sz 60	700952	1		2401–3000			1
15	tilt lock bear. S-ES FH TBT	Ref. PDB, FRKB						
16	striker plate 56	Ref. PDB, FRSB						
on request								
17	location piece ..	702543	1					
18	tilt restrictor ..	805701	1		320– 800			
19	mishandling device FAV.	FFBS0110- ...	1					
20	pressure piece	Ref. PDB, TFFD	1					
21	stop	Ref. PDB, FRZF01	1					
22	snapper switchable rh.	TFST0011- ...	1		1601–3000			
	snapper switchable lh.	TFST0012- ...			1601–3000			
23	frame part snapper	Ref. PDB, TRST	1		1601–3000			

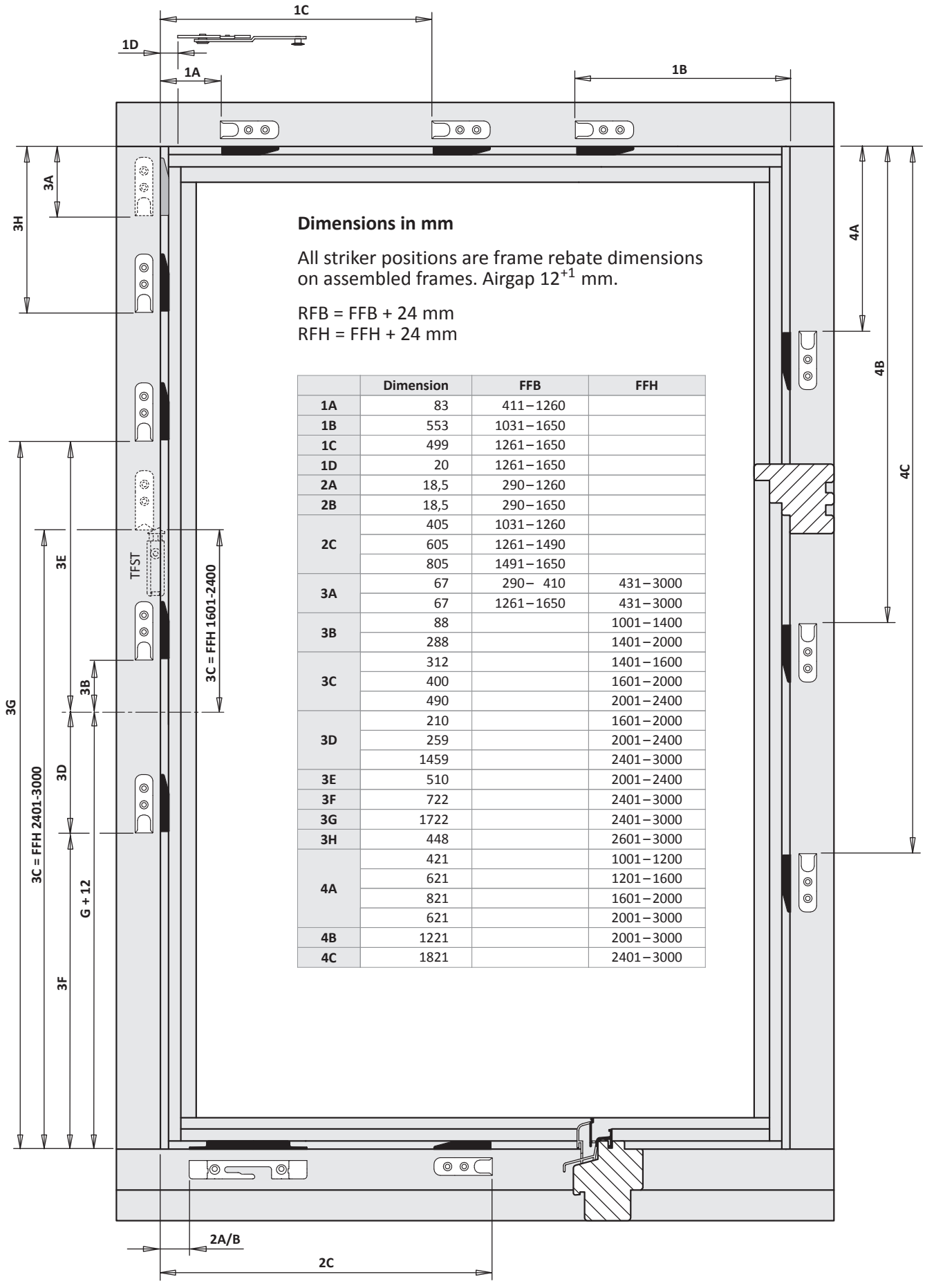
List of fittings

1-sash square tilt before turn (TBT)
H12 GM Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
24	stay hinge	Ref. PDB, FBWB			1	1
25	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
26	top hinge S	Ref. PDB, FBSL02			1	1
27	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
28	top hinge pin diam.6	FBSB0010-1 ...			1	1
29	bottom hinge	Ref. PDB, FBEL01			1	
30	bottom hinge S	Ref. PDB, FBEL02				1
31	filling piece H timber	Ref. PDB, FBFS			1	1
32	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
33	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
34	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
35	reb.cor.hinge	Ref. PDB, TBFE81			1	1
36	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1



Dimensions in mm

All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1260	
1B	553	1031–1650	
1C	499	1261–1650	
1D	20	1261–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	1031–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
	67	1261–1650	431–3000
3B	88		1001–1400
	288		1401–2000
3C	312		1401–1600
	400		1601–2000
	490		2001–2400
3D	210		1601–2000
	259		2001–2400
	1459		2401–3000
3E	510		2001–2400
3F	722		2401–3000
3G	1722		2401–3000
3H	448		2601–3000
4A	421		1001–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4B	1221		2001–3000
4C	1821		2401–3000

FAVORIT

Installation instructions




1-sash square tilt-turn

timber 12 mm

3-Punkt Sicherheit

centre handle pos. (variable)

Hinge side Si-line

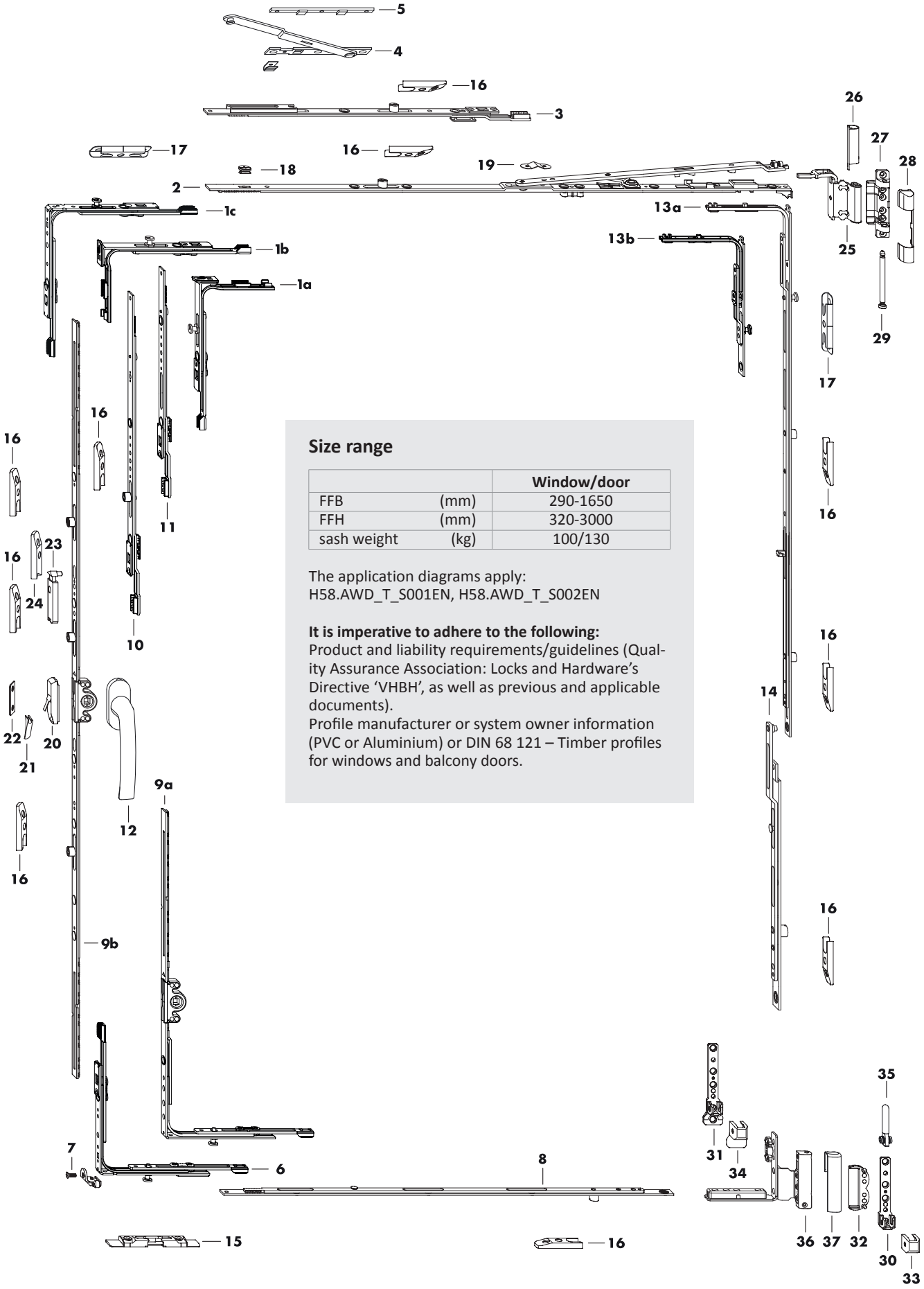
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 1000
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive 1S 2V
Hinge side turning points	loose filling pc / pre-mounted

hardware layout

1-sash square tilt-turn
H12 GM Hinge side Si-line



Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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.

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.		
							15	16	17
1a	corn.drive FAV VSO narrow 1S ..	FEUL0530- ...	1	290– 410	431–3000				1
1b	corn.drive FAV VSO narrow 1S ..	FEUL0530- ...	1	411– 800	320– 430				1
1c	corn.drive FAV VS 1S ..	FEUL0510- ...	1	411–1650	431–3000				1
2	stay 7 sz 30	707302	1	290– 620					
	stay 7 sz 35 MV	707319		621– 800					
	stay 7 sz 50 MV	707326		801–1030					
	stay 7 sz 55 MV	707333		1031–1260				1	
	stay 7 sz 50 MV	707326		1261–1490				1	
	stay 7 sz 55 MV	707333		1491–1650				1	
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261–1650				1	
4	additional stay	Ref. PDB, TSZS	1	1261–1650					
5	packer Z	Ref. PDB, FRUP01	1	1261–1650					
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1		
7	sash lift S-ES	Ref. PDB, FMFH	1	290–1650					
8	centre lock sz 50	700969	1	1031–1260				1	
	centre lock sz 70	700976		1261–1490				1	
	centre lock sz 90	700983		1491–1650				1	
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1		
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...			431– 600	180	1		
9b	gear 15 FAV sz 60	FGMK4020- ...	1		601– 800	300– 400			
	gear 15 FAV sz 80 1V	FGMK4040- ...			801–1000	400– 500			
	gear 15 FAV sz 80 1V	FGMK4040- ...			1001–1200	500– 600		1	
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201–1400	600– 700		1	
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401–1600	700– 800		2	
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601–2000	800–1000		2	
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001–2400	1000–1200		2	
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401–3000	1200		2	
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401–2600				
	linkage FAV sz 400 1V	FZSZ0110- ...			2601–3000			1	
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801–3000				
12	handle Globe	Ref.access. ZHGS	1		320–3000				
13a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		320–1000				1
13b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		1001–1200			1	1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201–1600			1	1
	corn.drive BS sz 90 1S 1V ..	FEUL2130- ...			1601–2000			1	1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			2001–3000			2	1
14	MV extension sz 60	700952	1		2401–3000			1	
15	tilt lock bear. S-ES FH	Ref. PDB, FRKA							
16	striker plate 56	Ref. PDB, FRSB							
17	striker plate S-RS	Ref. PDB, TRSK							
on request									
18	location piece ..	702543	1						
19	tilt restrictor ..	805701	1		320– 800				
20	mishandling device FAV.	FFBS0110- ...	1						
21	pressure piece	Ref. PDB, TFFD	1						
22	stop	Ref. PDB, FRZF01	1						
23	snapper switchable rh.	TFST0011- ...	1		1601–3000				
	snapper switchable lh.	TFST0012- ...			1601–3000				
24	frame part snapper	Ref. PDB, TRST	1		1601–3000				

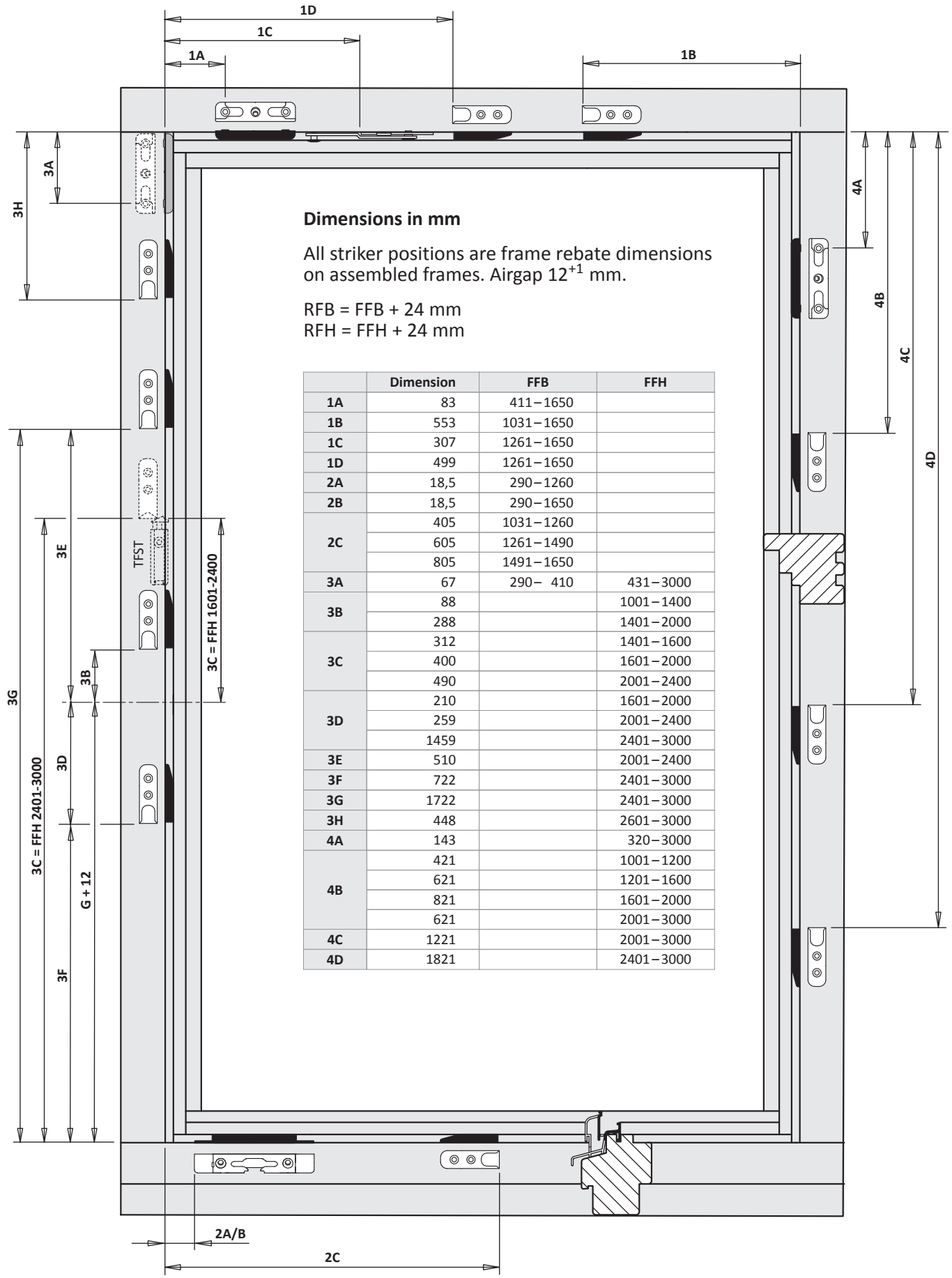
List of fittings

1-sash square tilt-turn
H12 GM Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
25	stay hinge	Ref. PDB, FBWB			1	1
26	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
27	top hinge S	Ref. PDB, FBSL02			1	1
28	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
29	top hinge pin diam.6	FBSB0010-1 ...			1	1
30	bottom hinge	Ref. PDB, FBEL01			1	
31	bottom hinge S	Ref. PDB, FBEL02				1
32	filling piece H timber	Ref. PDB, FBFS			1	1
33	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
34	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
35	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
36	reb.cor.hinge	Ref. PDB, TBFE81			1	1
37	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1



Dimensions in mm

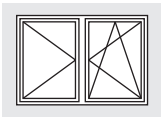
All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1650	
1B	553	1031–1650	
1C	307	1261–1650	
1D	499	1261–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	1031–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
3B	88		1001–1400
	288		1401–2000
3C	312		1401–1600
	400		1601–2000
	490		2001–2400
3D	210		1601–2000
	259		2001–2400
	1459		2401–3000
3E	510		2001–2400
3F	722		2401–3000
3G	1722		2401–3000
3H	448		2601–3000
4A	143		320–3000
4B	421		1001–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4C	1221		2001–3000
4D	1821		2401–3000

FAVORIT

Installation instructions





3P

2-sash square tilt-turn/turn DSG gear

timber 12 mm

3-Punkt Sicherheit

centre handle pos. (variable)

Hinge side Si-line

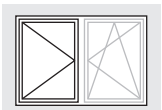
surface TS

backset 15 mm

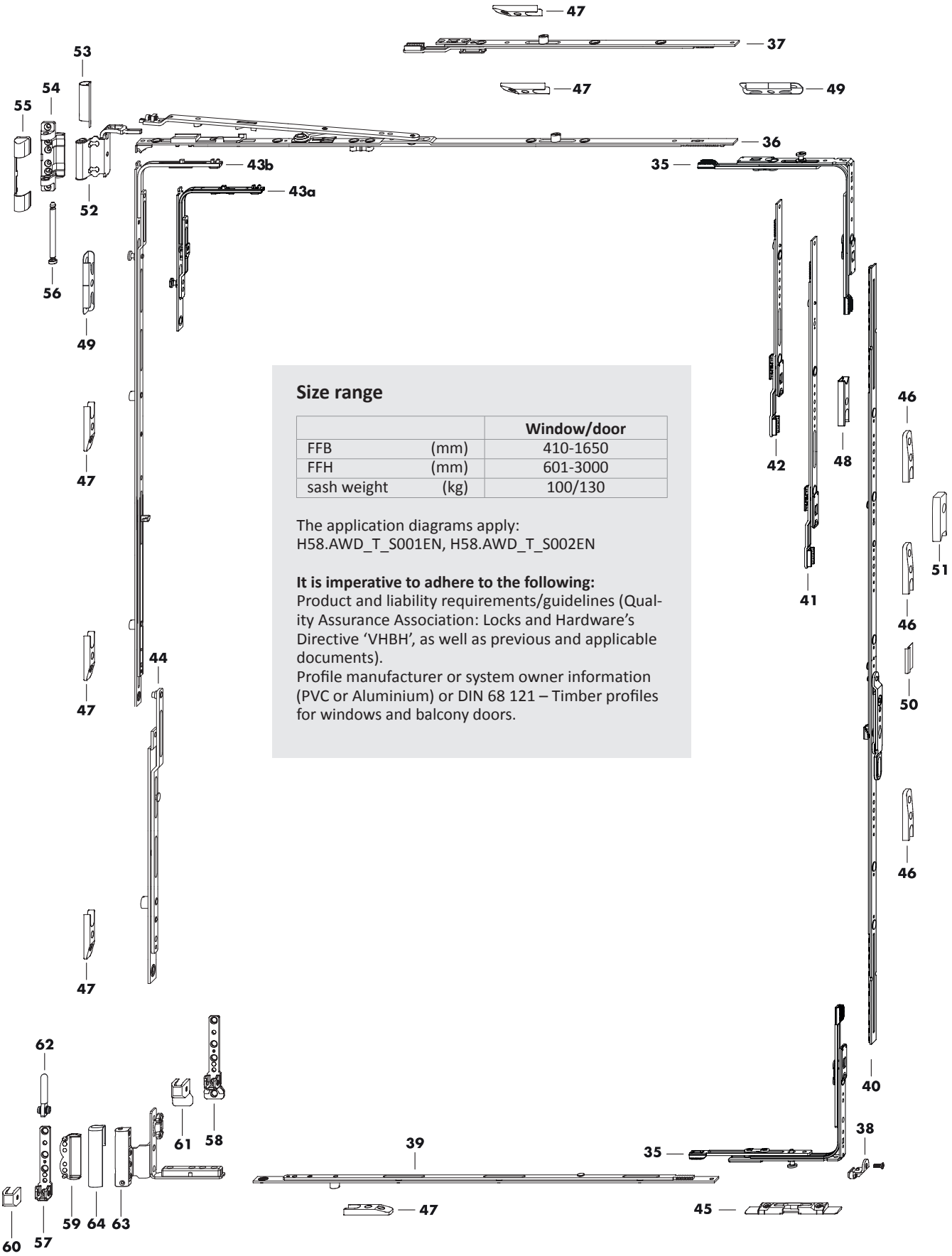
Hardware set configuration	
General	Locking-points distance 1000
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive 1S 2V
Hinge side turning points	loose filling pc / pre-mounted

hardware layout slave sash

2-sash square tilt-turn/turn DSG gear
H12 GM Hinge side Si-line





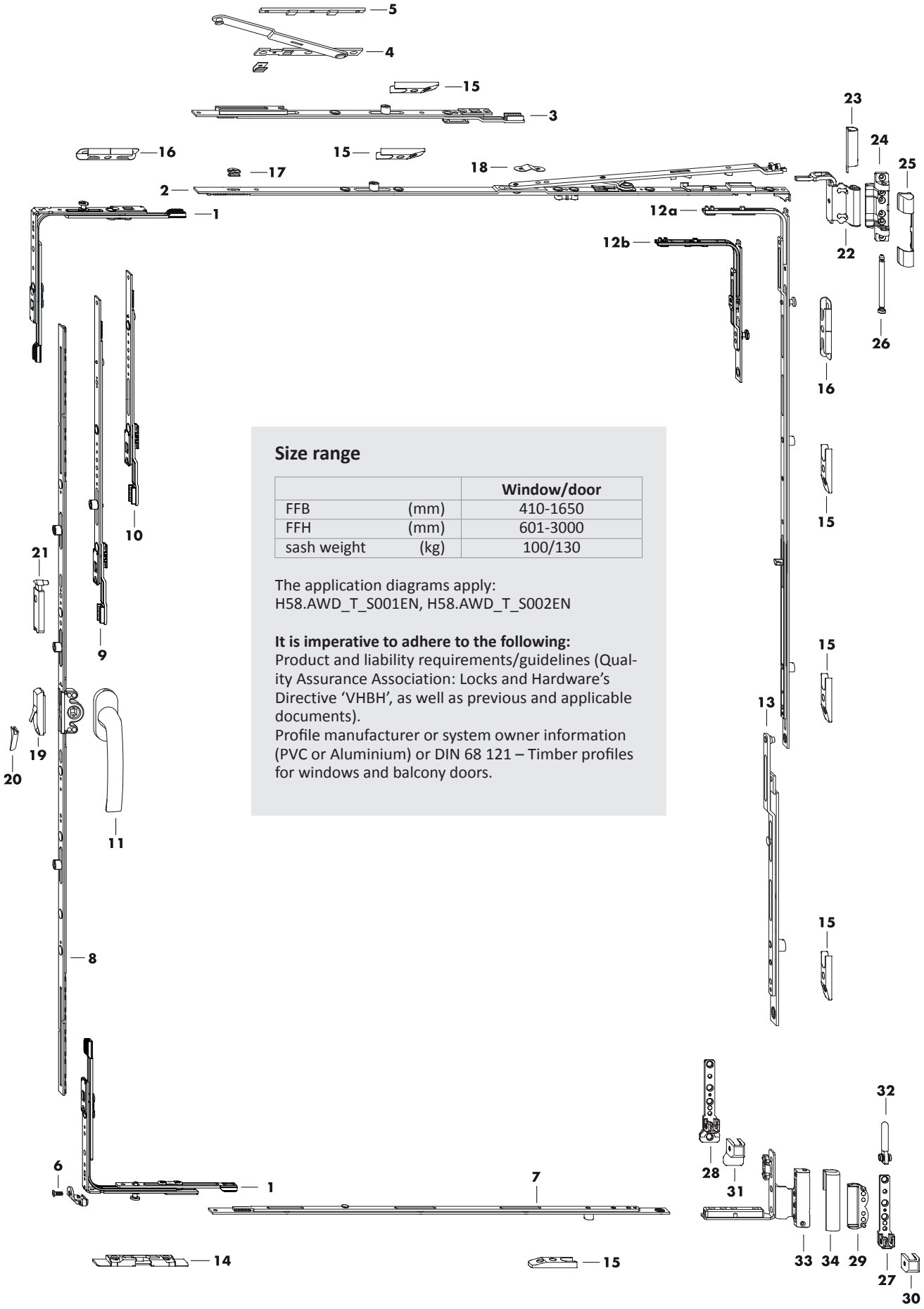


Size range

		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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.



Size range

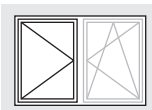
		Window/door
FFB	(mm)	410-1650
FFH	(mm)	601-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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List of fittings slave sash

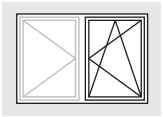
2-sash square tilt-turn/turn DSG gear
H12 GM Hinge side Si-line





Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.				
						In the main sash	45	46	47	48	49
35	corn.drive FAV VS 1S ..	FEUL0510- ...	2	410 – 1650			1				1
36	stay 7 sz 30	707302	1	410 – 620							
	stay 7 sz 35 MV	707319		621 – 800							
	stay 7 sz 50 MV	707326		801 – 1030							
	stay 7 sz 55 MV	707333		1031 – 1260					1		
	stay 7 sz 50 MV	707326		1261 – 1490					1		
	stay 7 sz 55 MV	707333		1491 – 1650					1		
37	linkage sz 460 MV	713266	1	1261 – 1650					1		
38	sash lift S-ES	Ref. PDB, FMFH	1	410 – 1650							
39	centre lock sz 50	700969	1	1031 – 1260					1		
	centre lock sz 70	700976		1261 – 1490					1		
	centre lock sz 90	700983		1491 – 1650					1		
40	s.sash gear16 FAV 60/300	FGKS4030- ...	1		601 – 800	300 – 400					
	sec.sash gear16 FAV sz .80 1SB	FGMS4040- ...			801 – 1000	400 – 500					
	sec.sash gear16 FAV sz .80 1SB	FGMS4040- ...			1001 – 1200	500 – 600		1			
	sec.sash gear16 FAV sz 120 1SB	FGMS4050- ...			1201 – 1400	600 – 700		1			
	sec.sash gear16 FAV sz 120 2SB	FGMS4120- ...			1401 – 1600	700 – 800		1			
	sec.sash gear16 FAV sz 160 2SB	FGMS4130- ...			1601 – 2000	800 – 1000		1			
	sec.sash gear16 FAV sz 200 3SB	FGMS4100- ...			2001 – 2400	1000 – 1200		1			
	sec.sash gear16 FAV sz 200 3SB	FGMS4100- ...			2401 – 3000	1200		1			
41	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401 – 2600					1	
	linkage FAV sz 400 A0767	FZSZ0130- ...			2601 – 3000					1	
42	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801 – 3000						
43a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		601 – 1000						1
43b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		1001 – 1200				1		1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201 – 1600				1		1
	corn.drive BS sz 90 1S 1V ..	FEUL2130- ...			1601 – 2000				1		1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			2001 – 3000				2		1
44	MV extension sz 60	700952	1		2401 – 3000				1		
45	tilt lock bear. S-ES FH	Ref. PDB, FRKA									
46	striker plate f. gear MV	Ref. PDB, FRSA02									
47	striker plate 56	Ref. PDB, FRSB									
48	striker plate 56 A0767	TRSB0020- ...									
49	striker plate S-RS	Ref. PDB, TRSK									
on request											
50	stop	Ref. PDB, FRZF04	1		801 – 3000						
51	striker snapper A0767	TRST0010- ...	1		1801 – 3000						

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
52	stay hinge	Ref. PDB, FBWB			1	1
53	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
54	top hinge S	Ref. PDB, FBSL02			1	1
55	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
56	top hinge pin diam.6	FBSB0010-1 ...			1	1
57	bottom hinge	Ref. PDB, FBEL01			1	
58	bottom hinge S	Ref. PDB, FBEL02				1
59	filling piece H timber	Ref. PDB, FBFS			1	1
60	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
61	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
62	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
63	reb.cor.hinge	Ref. PDB, TBFE81			1	1
64	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1

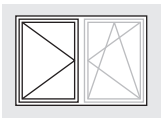



Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.		
							14	15	16
1	corn.drive FAV VS 1S ..	FEUL0510- ...	2	410 – 1650			1		1
2	stay 7 sz 30	707302	1	410 – 620					
	stay 7 sz 35 MV	707319		621 – 800					
	stay 7 sz 50 MV	707326		801 – 1030					
	stay 7 sz 55 MV	707333		1031 – 1260				1	
	stay 7 sz 50 MV	707326		1261 – 1490				1	
	stay 7 sz 55 MV	707333		1491 – 1650				1	
3	linkage S/Z FAV 1V	FZOK0100- ...	1	1261 – 1650				1	
4	additional stay	Ref. PDB, TSZS	1	1261 – 1650					
5	packer Z	Ref. PDB, FRUP01	1	1261 – 1650					
6	sash lift S-ES	Ref. PDB, FMFH	1	410 – 1650					
7	centre lock sz 50	700969	1	1031 – 1260				1	
	centre lock sz 70	700976		1261 – 1490				1	
	centre lock sz 90	700983		1491 – 1650				1	
8	gear 15 FAV sz 60	FGMK4020- ...	1		601 – 800	300 – 400			
	gear 15 FAV sz 80 1V	FGMK4040- ...			801 – 1000	400 – 500			
	gear 15 FAV sz 80 1V	FGMK4040- ...			1001 – 1200	500 – 600			
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201 – 1400	600 – 700			
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401 – 1600	700 – 800			
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601 – 2000	800 – 1000			
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001 – 2400	1000 – 1200			
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401 – 3000	1200			
9	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401 – 2600				
	linkage FAV sz 400 1V	FZSZ0110- ...			2601 – 3000				
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801 – 3000				
11	handle Globe	Ref.access. ZHGS	1		601 – 3000				
12a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		601 – 1000				1
12b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		1001 – 1200			1	1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201 – 1600			1	1
	corn.drive BS sz 90 1S 1V ..	FEUL2130- ...			1601 – 2000			1	1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			2001 – 3000			2	1
13	MV extension sz 60	700952	1		2401 – 3000			1	
14	tilt lock bear. S-ES FH	Ref. PDB, FRKA							
15	striker plate 56	Ref. PDB, FRSB							
16	striker plate S-RS	Ref. PDB, TRSK							
on request									
17	location piece ..	702543	1						
18	tilt restrictor ..	805701	1		601 – 800				
19	mishandling device FAV.	FFBS0110- ...	1		801 – 3000				
20	pressure piece	Ref. PDB, TFFD	1		801 – 3000				
21	snapper switchable rh.	TFST0011- ...	1		1601 – 3000				
	snapper switchable lh.	TFST0012- ...			1601 – 3000				

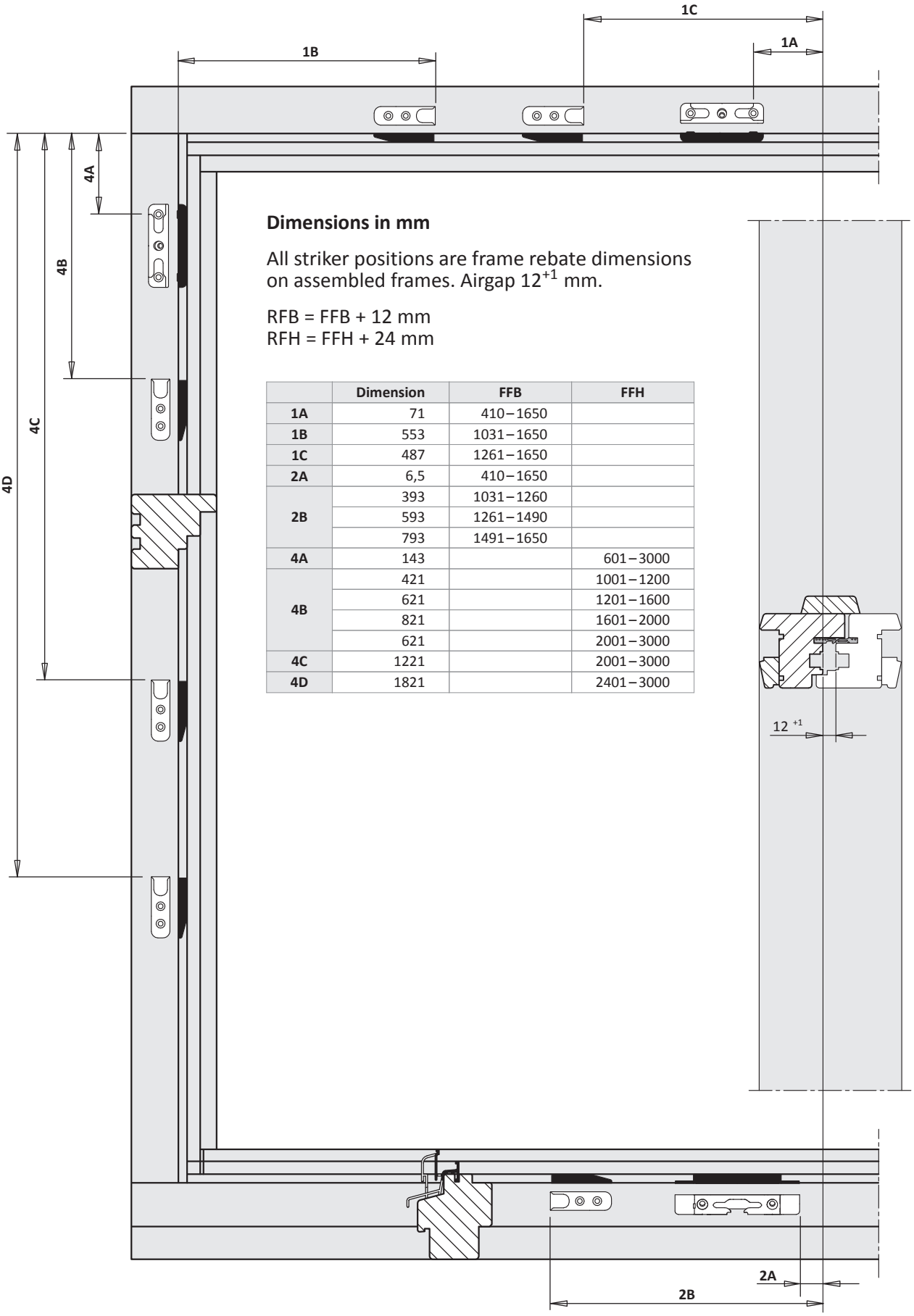
Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
22	stay hinge	Ref. PDB, FBWB			1	1
23	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
24	top hinge S	Ref. PDB, FBSL02			1	1
25	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
26	top hinge pin diam.6	FBSB0010-1 ...			1	1
27	bottom hinge	Ref. PDB, FBEL01			1	
28	bottom hinge S	Ref. PDB, FBEL02				1
29	filling piece H timber	Ref. PDB, FBFS			1	1
30	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
31	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
32	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
33	reb.cor.hinge	Ref. PDB, TBFE81			1	1
34	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1

Frame dimensions slave sash

2-sash square tilt-turn/turn DSG gear
H12 GM Hinge side Si-line





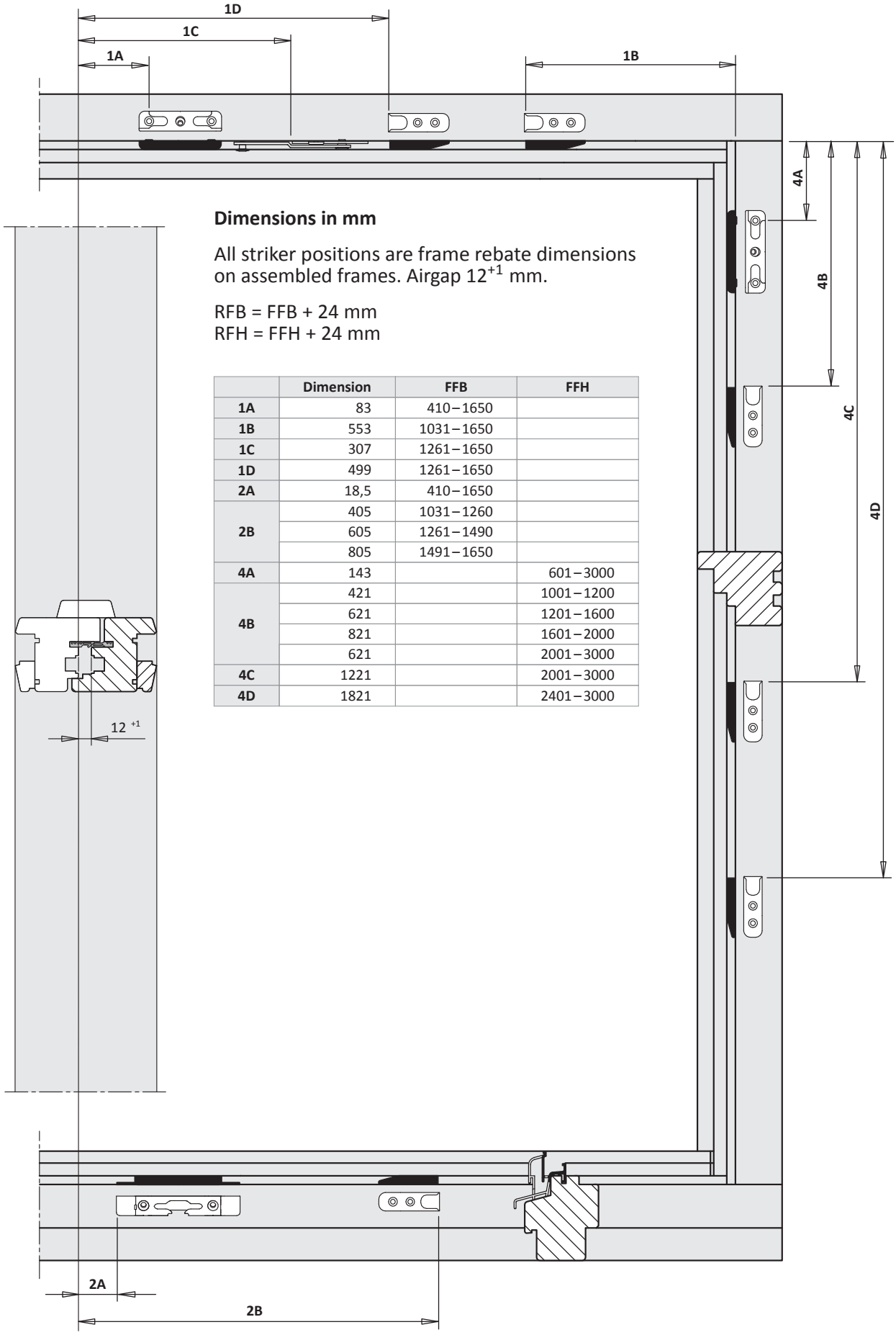


Dimensions in mm

All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 12 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	71	410–1650	
1B	553	1031–1650	
1C	487	1261–1650	
2A	6,5	410–1650	
2B	393	1031–1260	
	593	1261–1490	
	793	1491–1650	
4A	143		601–3000
4B	421		1001–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4C	1221		2001–3000
4D	1821		2401–3000



Dimensions in mm

All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	410 – 1650	
1B	553	1031 – 1650	
1C	307	1261 – 1650	
1D	499	1261 – 1650	
2A	18,5	410 – 1650	
2B	405	1031 – 1260	
	605	1261 – 1490	
	805	1491 – 1650	
4A	143		601 – 3000
4B	421		1001 – 1200
	621		1201 – 1600
	821		1601 – 2000
	621		2001 – 3000
4C	1221		2001 – 3000
4D	1821		2401 – 3000

FAVORIT

Installation instructions




1-sash square tilt before turn (TBT)

timber 12 mm

3-Punkt Sicherheit

centre handle pos. (variable)

Hinge side Si-line

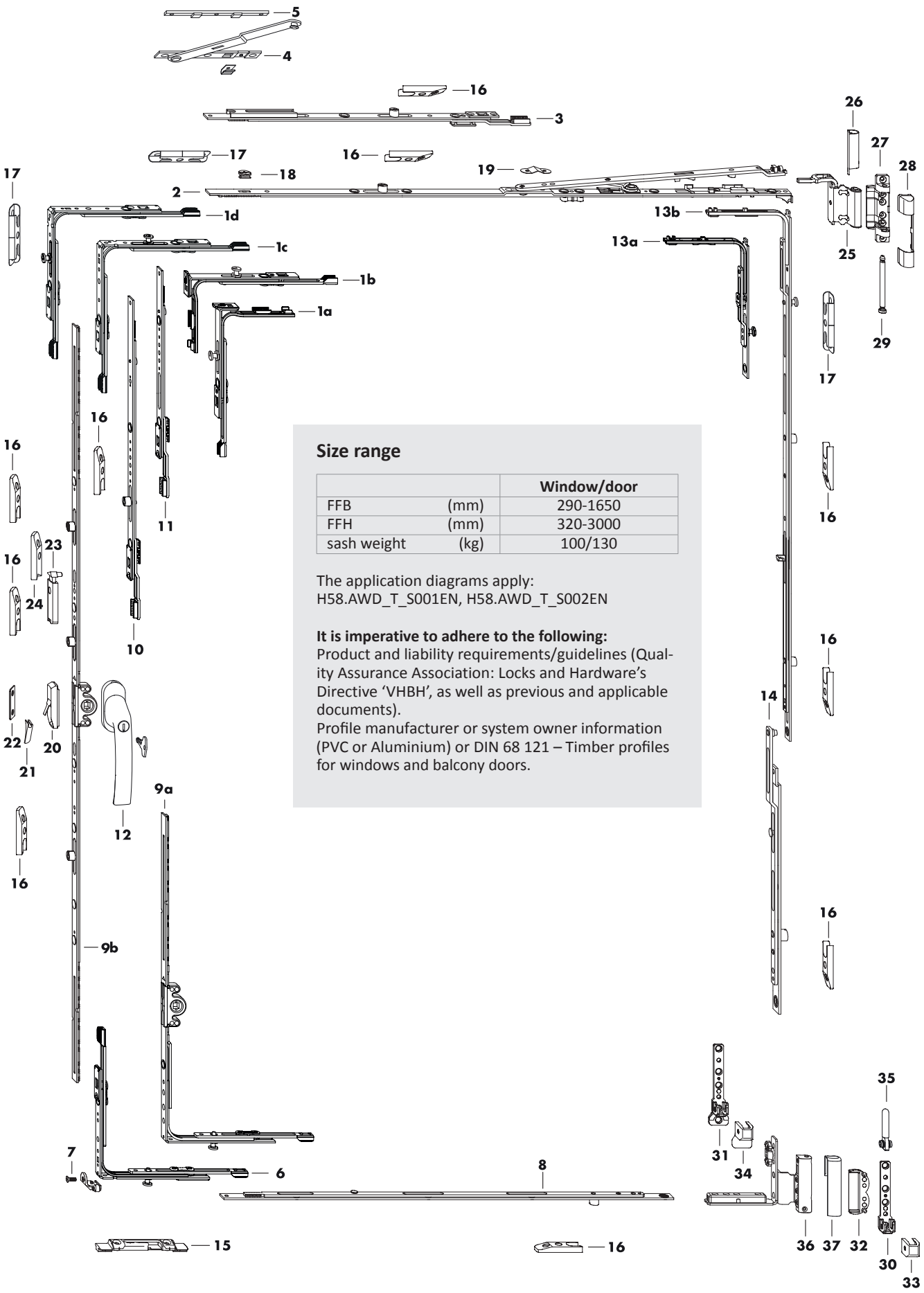
surface TS

backset 15 mm

Hardware set configuration	
General	Locking-points distance 1000
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side	corner drive 1S 2V
Hinge side turning points	loose filling pc / pre-mounted

hardware layout

1-sash square tilt before turn (TBT)
H12 GM Hinge side Si-line

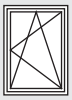


Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

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.

List of fittings

1-sash square tilt before turn (TBT)
H12 GM Hinge side Si-line

FAVORIT

3P

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.		
							15	16	17
1a	corn.drive FAV VSO narrow 1S ..	FEUL0530- ...	1	290– 410	431–3000				1
1b	corn.drive FAV VSO narrow 1S ..	FEUL0530- ...	1	411– 800	320– 430				1
1c	corn.drive FAV VS 1S ..	FEUL0510- ...	1	411–1260	431–3000				1
1d	corn.drive FAV VS 1S ..	FEUL0510- ...	1	1261–1650	431–3000				1
2	stay 7 TBT sz 30	707357	1	290– 620					
	stay 7 TBT sz 35 MV	707364		621– 800					
	stay 7 TBT sz 50 MV	707371		801–1030					
	stay 7 TBT sz 55 MV	707388		1031–1260				1	
	stay 7 TBT sz 50 MV	707371		1261–1490				1	
	stay 7 TBT sz 55 MV	707388		1491–1650				1	
3	linkage S/Z TBT FAV 1V	FZOT0100- ...	1	1261–1650				1	
4	additional stay	Ref. PDB, TSZS	1	1261–1650					
5	packer Z	Ref. PDB, FRUP01	1	1261–1650					
6	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1		
7	sash lift S-ES	Ref. PDB, FMFH	1	290–1650					
8	centre lock sz 50	700969	1	1031–1260				1	
	centre lock sz 70	700976		1261–1490				1	
	centre lock sz 90	700983		1491–1650				1	
9a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1		
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...			431– 600	180	1		
9b	gear 15 FAV sz 60	FGMK4020- ...	1		601– 800	300– 400			
	gear 15 FAV sz 80 1V	FGMK4040- ...			801–1000	400– 500			
	gear 15 FAV sz 80 1V	FGMK4040- ...			1001–1200	500– 600		1	
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201–1400	600– 700		1	
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401–1600	700– 800		2	
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601–2000	800–1000		2	
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001–2400	1000–1200		2	
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401–3000	1200		2	
10	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401–2600				
	linkage FAV sz 400 1V	FZSZ0110- ...			2601–3000			1	
11	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2801–3000				
12	handle Globe TBT lockable	Ref.access. ZHGT	1		320–3000				
13a	corn.drive BS sz 20 1S ..	FEUL2100- ...	1		320–1000				1
13b	corn.drive BS sz 50 1S 1V ..	FEUL2110- ...	1		1001–1200			1	1
	corn.drive BS sz 70 1S 1V ..	FEUL2120- ...			1201–1600			1	1
	corn.drive BS sz 90 1S 1V ..	FEUL2130- ...			1601–2000			1	1
	corn.drive BS sz 130 1S 2V ..	FEUL2140- ...			2001–3000			2	1
14	MV extension sz 60	700952	1		2401–3000			1	
15	tilt lock bear. S-ES FH TBT	Ref. PDB, FRKB							
16	striker plate 56	Ref. PDB, FRSB							
17	striker plate S-RS	Ref. PDB, TRSK							
on request									
18	location piece ..	702543	1						
19	tilt restrictor ..	805701	1		320– 800				
20	mishandling device FAV.	FFBS0110- ...	1						
21	pressure piece	Ref. PDB, TFFD	1						
22	stop	Ref. PDB, FRZF01	1						
23	snapper switchable rh.	TFST0011- ...	1		1601–3000				
	snapper switchable lh.	TFST0012- ...			1601–3000				
24	frame part snapper	Ref. PDB, TRST	1		1601–3000				

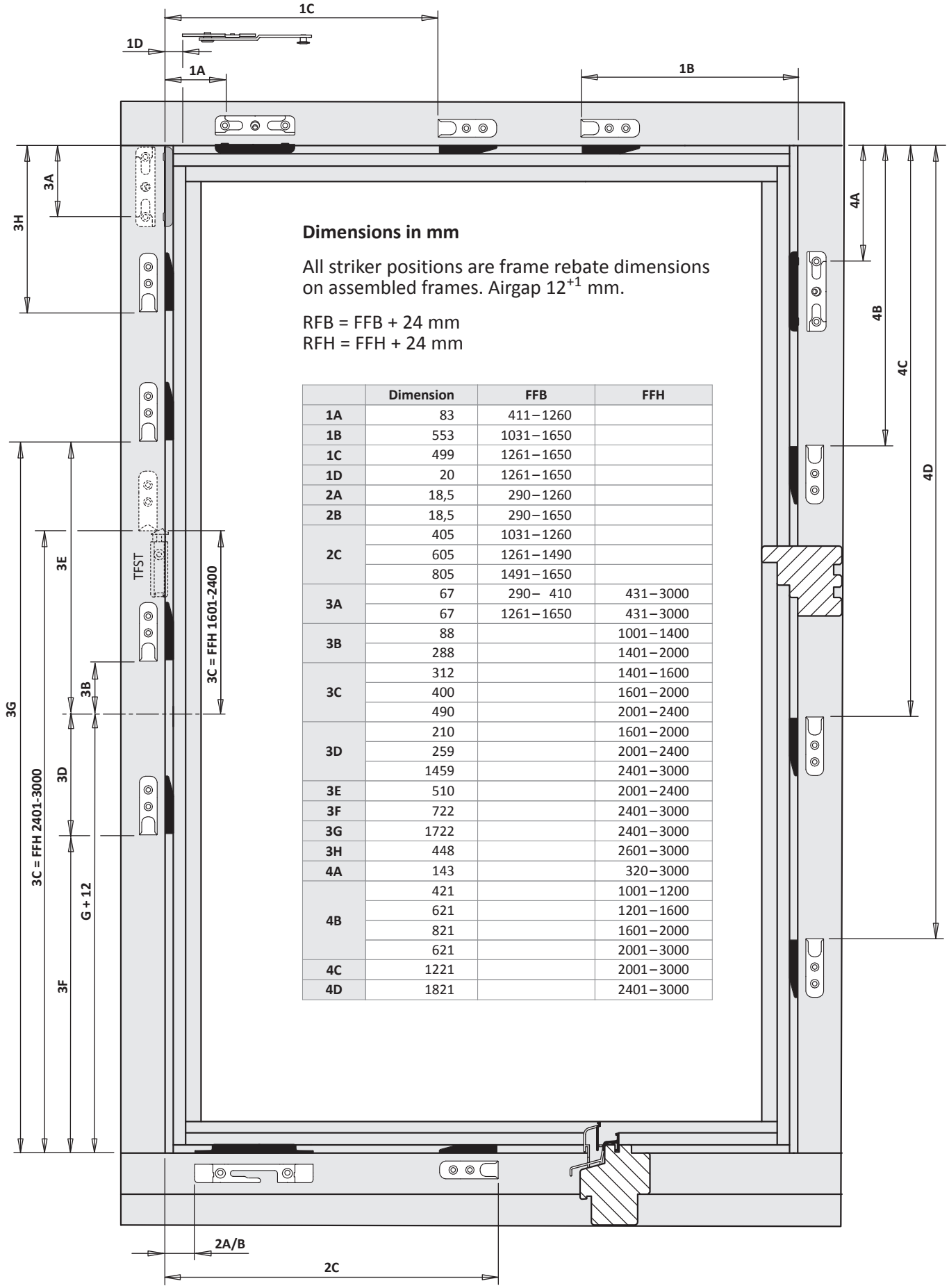
List of fittings

1-sash square tilt before turn (TBT)
H12 GM Hinge side Si-line





Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
25	stay hinge	Ref. PDB, FBWB			1	1
26	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
27	top hinge S	Ref. PDB, FBSL02			1	1
28	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
29	top hinge pin diam.6	FBSB0010-1 ...			1	1
30	bottom hinge	Ref. PDB, FBEL01			1	
31	bottom hinge S	Ref. PDB, FBEL02				1
32	filling piece H timber	Ref. PDB, FBFS			1	1
33	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
34	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
35	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
36	reb.cor.hinge	Ref. PDB, TBFE81			1	1
37	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1



Dimensions in mm

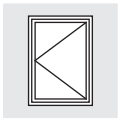
All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411–1260	
1B	553	1031–1650	
1C	499	1261–1650	
1D	20	1261–1650	
2A	18,5	290–1260	
2B	18,5	290–1650	
2C	405	1031–1260	
	605	1261–1490	
	805	1491–1650	
3A	67	290– 410	431–3000
	67	1261–1650	431–3000
3B	88		1001–1400
	288		1401–2000
3C	312		1401–1600
	400		1601–2000
	490		2001–2400
3D	210		1601–2000
	259		2001–2400
	1459		2401–3000
3E	510		2001–2400
3F	722		2401–3000
3G	1722		2401–3000
3H	448		2601–3000
4A	143		320–3000
4B	421		1001–1200
	621		1201–1600
	821		1601–2000
	621		2001–3000
4C	1221		2001–3000
4D	1821		2401–3000

FAVORIT

Installation instructions





GS

1-sash square turn

timber 12 mm

basic security

centre handle pos. (variable)

Hinge side Si-line

surface TS

backset 15 mm

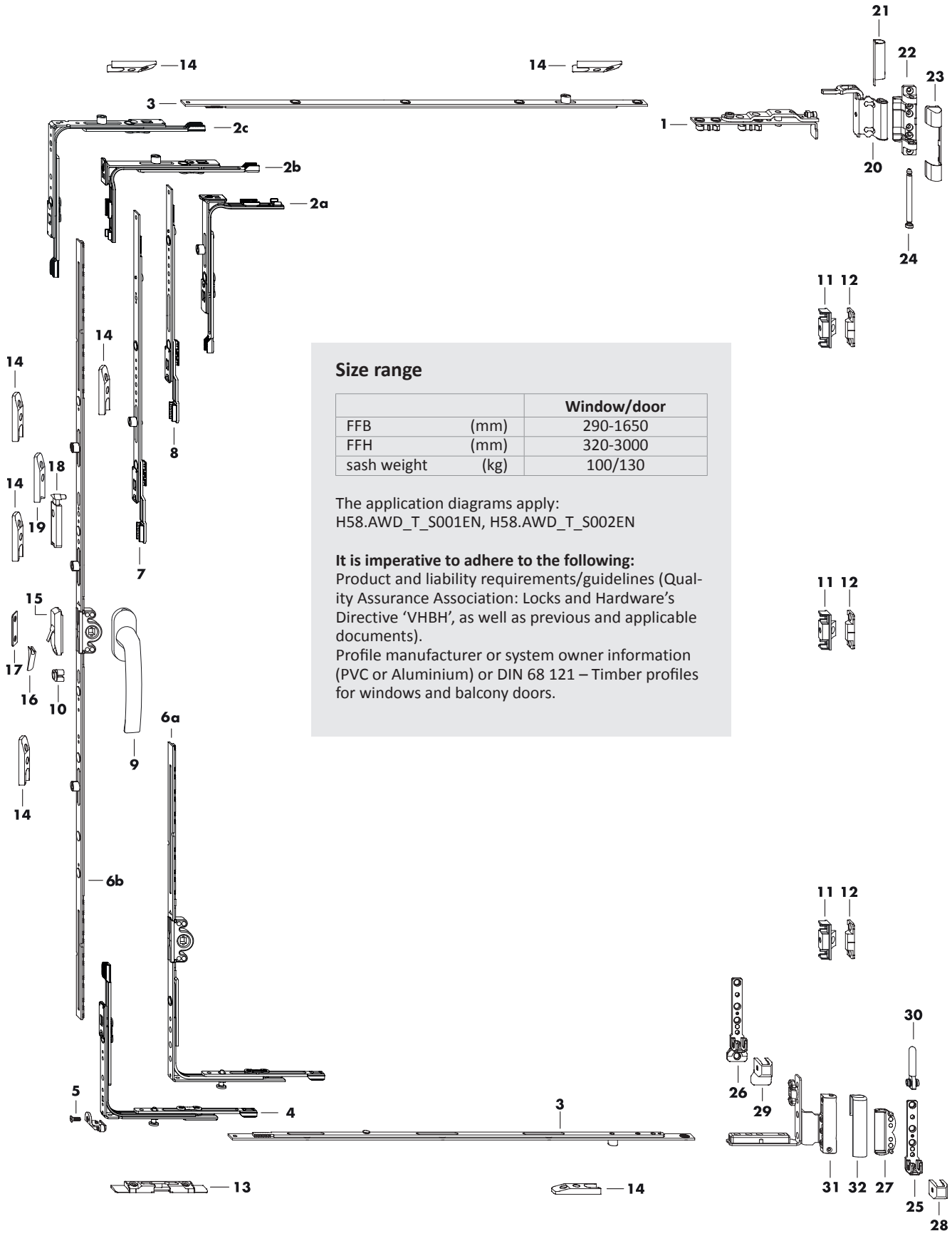
Hardware set configuration	
General	Locking-points distance 1000
Stay side	one-piece stay
Bottom	loose sash lift
Locking side	mishandl. device on gear
Hinge side turning points	loose filling pc / pre-mounted

hardware layout

1-sash square turn
H12 GM Hinge side Si-line







Size range

		Window/door
FFB	(mm)	290-1650
FFH	(mm)	320-3000
sash weight	(kg)	100/130

The application diagrams apply:
H58.AWD_T_S001EN, H58.AWD_T_S002EN

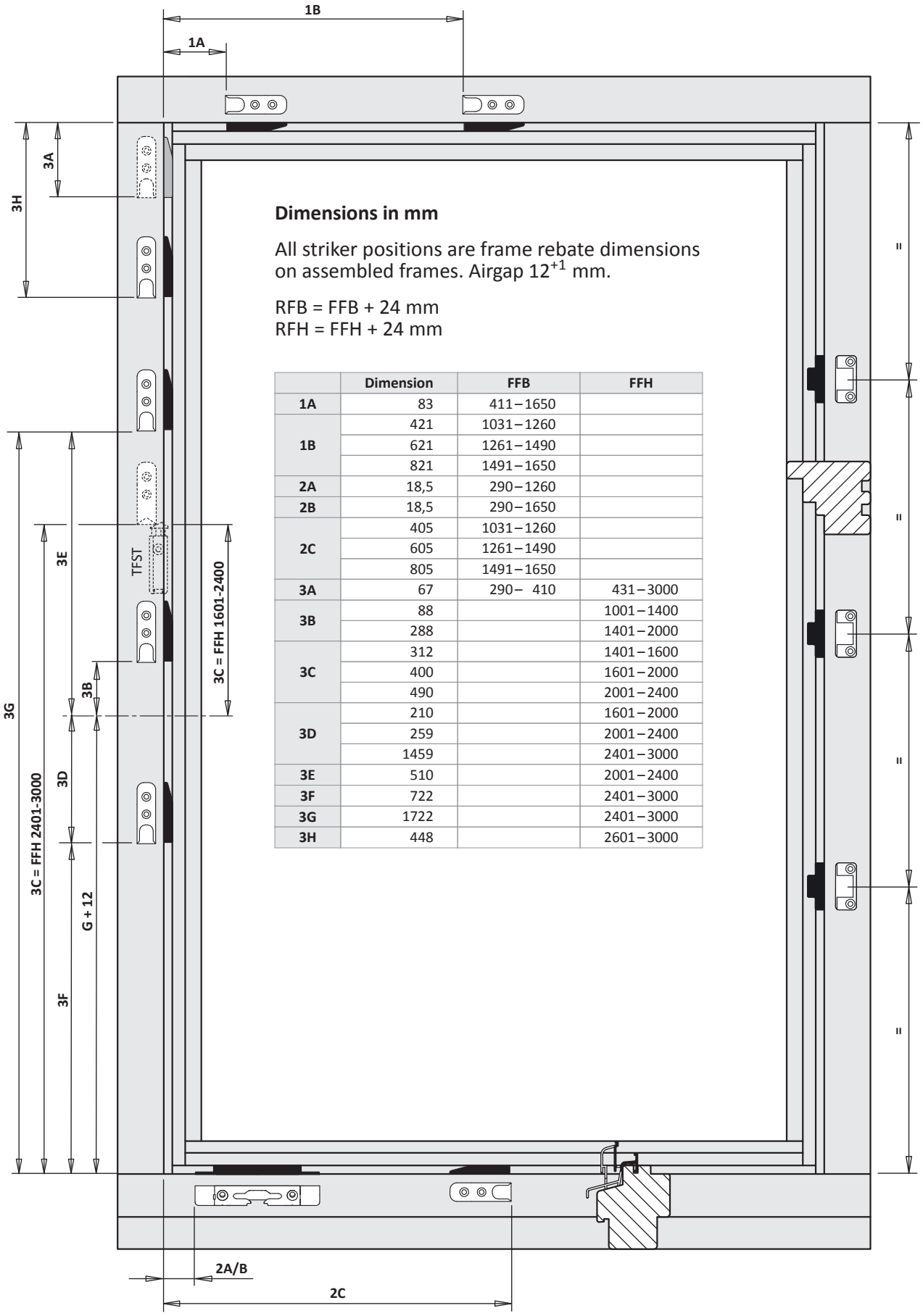
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Profile manufacturer or system owner information (PVC or Aluminium) or DIN 68 121 – Timber profiles for windows and balcony doors.

Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.	
							13	14
1	stay 7 DF	707340	1	290–1650				
2a	corn.drive narrow VSO ..	FEUL0520- ...	1	290– 410	431–3000			1
2b	corn.drive narrow VSO ..	FEUL0520- ...	1	411– 800	320– 430			1
2c	corn.drive VSO ..	FEUL0230- ...	1	411–1650	431–3000			1
3	centre lock sz 50	700969	2	1031–1260				2
	centre lock sz 70	700976		1261–1490				2
	centre lock sz 90	700983		1491–1650				2
4	corn.drive FAV VS 1S ..	FEUL0510- ...	1	290–1650	601–3000		1	
5	sash lift S-ES	Ref. PDB, FMFH	1	290–1650				
6a	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...	1	411– 800	320– 430	180	1	
	gear 15 FAV sz 30/G180 S-ES	FGKK4020- ...		290–1260	431– 600	180	1	
6b	gear 15 FAV sz 60	FGMK4020- ...	1		601– 800	300– 400		
	gear 15 FAV sz 80 1V	FGMK4040- ...			801–1000	400– 500		
	gear 15 FAV sz 80 1V	FGMK4040- ...			1001–1200	500– 600		1
	gear 15 FAV sz 120 1V	FGMK4050- ...			1201–1400	600– 700		1
	gear 15 FAV sz 120 2V	FGMK4070- ...			1401–1600	700– 800		2
	gear 15 FAV sz 160 2V	FGMK4060- ...			1601–2000	800–1000		2
	gear 15 FAV sz 200 3V	FGMK4110- ...			2001–2400	1000–1200		2
	gear 15 FAV sz 200 3V	FGMK4110- ...			2401–3000	1200		2
7	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2401–2600			
	linkage FAV sz 400 1V	FZSZ0110- ...			2601–3000			1
8	linkage FAV sz 200 A0767	FZSZ0120- ...	1		2601–3000			
9	handle Globe	Ref.access. ZHGS	1		320–3000			
10	travel restrictor	TFHB0010- ...	1		320–3000			
11	sash part MV	Ref. PDB, ZFMV01	1		1001–1600			
	sash part MV	Ref. PDB, ZFMV01	2		1601–2400			
	sash part MV	Ref. PDB, ZFMV01	3		2401–3000			
12	frame part MV	Ref. PDB, ZRZM01	1		1001–1600			
	frame part MV	Ref. PDB, ZRZM01	2		1601–2400			
	frame part MV	Ref. PDB, ZRZM01	3		2401–3000			
13	tilt lock bear. S-ES FH	Ref. PDB, FRKA						
14	striker plate 56	Ref. PDB, FRSB						
on request								
15	mishandling device FAV.	FFBS0110- ...	1					
16	pressure piece	Ref. PDB, TFFD	1					
17	stop	Ref. PDB, FRZF01	1					
18	snapper switchable rh.	TFST0011- ...	1		1601–3000			
	snapper switchable lh.	TFST0012- ...			1601–3000			
19	frame part snapper	Ref. PDB, TRST	1		1601–3000			

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
20	stay hinge	Ref. PDB, FBWB			1	1
21	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
22	top hinge S	Ref. PDB, FBSL02			1	1
23	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
24	top hinge pin diam.6	FBSB0010-1 ...			1	1
25	bottom hinge	Ref. PDB, FBEL01			1	
26	bottom hinge S	Ref. PDB, FBEL02				1
27	filling piece H timber	Ref. PDB, FBFS			1	1
28	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
29	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
30	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
31	reb.cor.hinge	Ref. PDB, TBFE81			1	1
32	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1

Frame dimensions

1-sash square turn
H12 GM Hinge side Si-line



Dimensions in mm

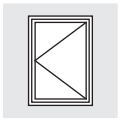
All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
1A	83	411 – 1650	
1B	421	1031 – 1260	
	621	1261 – 1490	
	821	1491 – 1650	
2A	18,5	290 – 1260	
2B	18,5	290 – 1650	
2C	405	1031 – 1260	
	605	1261 – 1490	
	805	1491 – 1650	
3A	67	290 – 410	431 – 3000
3B	88		1001 – 1400
	288		1401 – 2000
3C	312		1401 – 1600
	400		1601 – 2000
	490		2001 – 2400
3D	210		1601 – 2000
	259		2001 – 2400
	1459		2401 – 3000
3E	510		2001 – 2400
3F	722		2401 – 3000
3G	1722		2401 – 3000
3H	448		2601 – 3000

FAVORIT

Installation instructions





GS

1-sash square turn

timber 12 mm

basic security

centre handle pos. (variable)

Hinge side Si-line

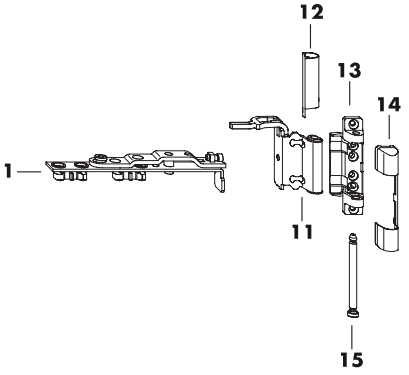
surface TS

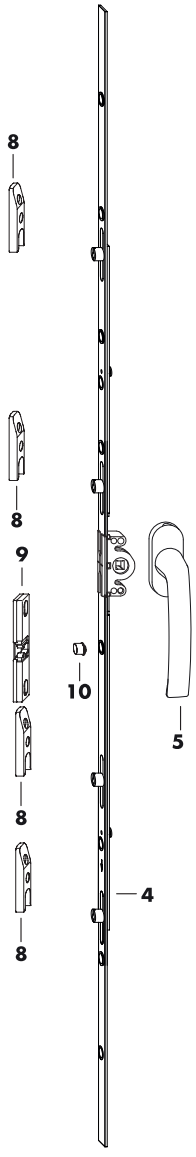
backset 15 mm

Hardware set configuration	
General	Locking-points distance 1000; gear DF
Stay side	one-piece stay
Locking side	mishandl. device on gear
Hinge side turning points	loose filling pc / pre-mounted

hardware layout

1-sash square turn
H12 GM Hinge side Si-line



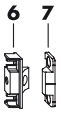


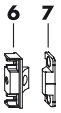
Size range

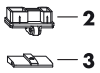
		Window/door
FFB	(mm)	290-800
FFH	(mm)	320-2400
sash weight	(kg)	100/130

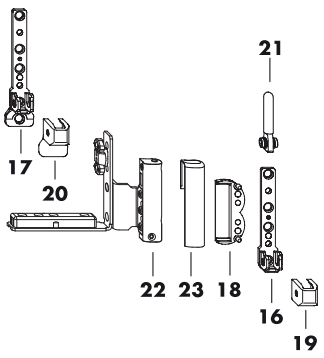
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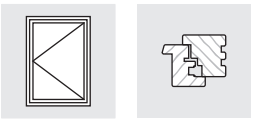


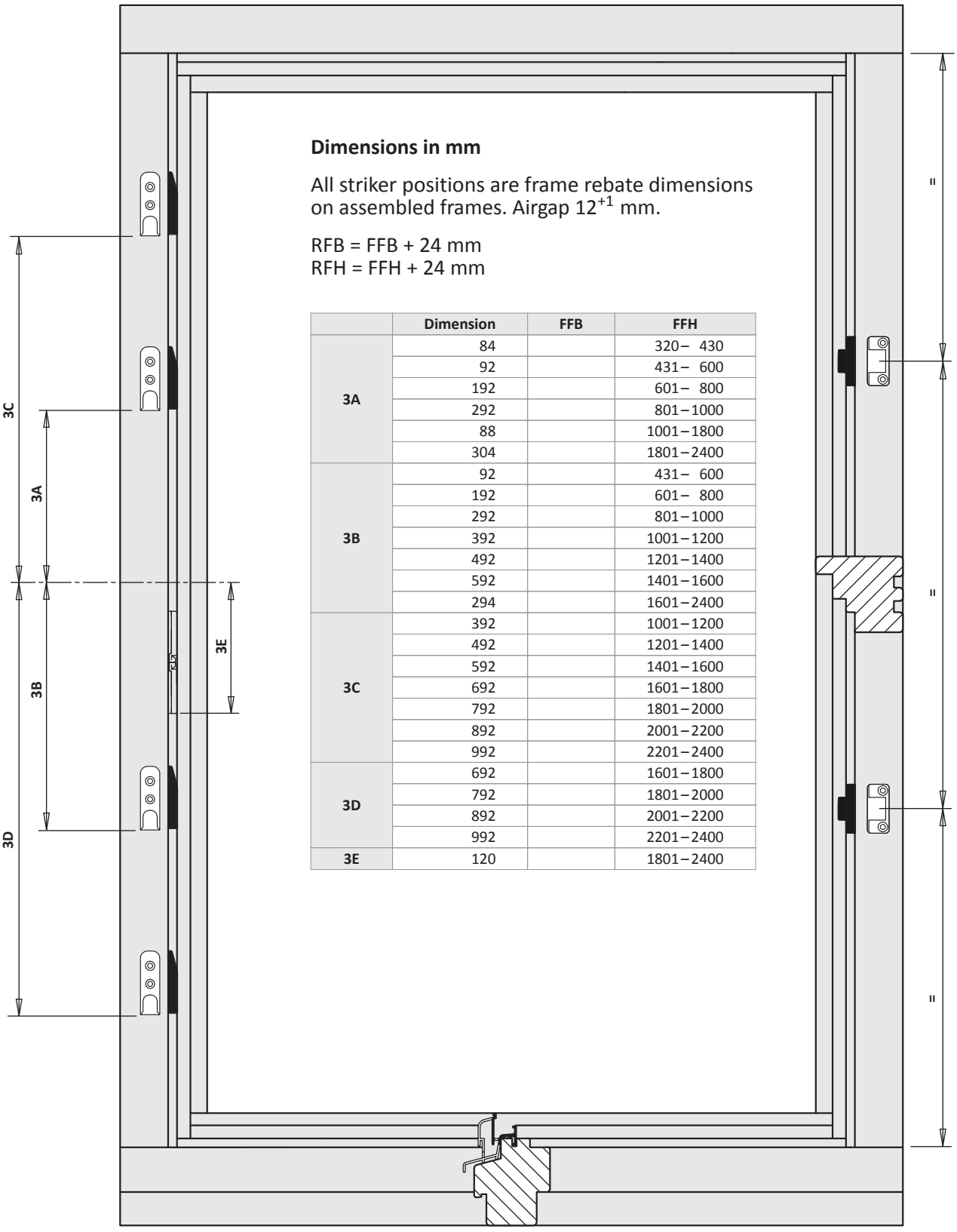
Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts / Pos.
							8
1	stay 7 DF	707340	1	290– 800			
2	sash lift .. A2000	TFFH0010- ...	1	290– 800			
3	run-up FH/TiP	Ref. PDB, TRAL	1	290– 800			
4	gear 15 FAV/DF sz 20 1V	FGMD4010- ...	1		320– 430	180	1
	gear 15 FAV/DF sz 40 2V	FGMD4020- ...			431– 600	180	2
	gear 15 FAV/DF sz 60 2V	FGMD4030- ...			601– 800	300– 400	2
	gear 15 FAV/DF sz 80 2V	FGMD4040- ...			801–1000	400– 500	2
	gear 15 FAV/DF sz 100 3V	FGMD4050- ...			1001–1200	500– 600	3
	gear 15 FAV/DF sz 120 3V	FGMD4060- ...			1201–1400	600– 700	3
	gear 15 FAV/DF sz 140 3V	FGMD4070- ...			1401–1600	700– 800	3
	gear 15 FAV/DF sz 160 4V	FGMD4080- ...			1601–1800	800– 900	4
	gear 15 FAV/DF sz 180 4V	FGMD4090- ...			1801–2000	900–1000	4
	gear 15 FAV/DF sz 200 4V	FGMD4100- ...			2001–2200	1000–1100	4
	gear 15 FAV/DF sz 220 4V	FGMD4110- ...			2201–2400	1100–1200	4
5	handle Globe	Ref.access. ZHGS	1		320–2400		
6	sash part MV	Ref. PDB, ZFMV01	1		1001–1600		
	sash part MV	Ref. PDB, ZFMV01	2		1601–2400		
7	frame part MV	Ref. PDB, ZRZM01	1		1001–1600		
	frame part MV	Ref. PDB, ZRZM01	2		1601–2400		
8	striker plate 56	Ref. PDB, FRSB					
	on request						
9	snapper	Ref. PDB, FRZB	1		1801–2400		
10	sleeve	Ref. PDB, FFHU	1		1801–2400		

Hinge side turning points						
Pos.	Description	Part number			required as per sash weight	
		surface TS	RAL9016	RAL8022	100 kg	130 kg
11	stay hinge	Ref. PDB, FBWB			1	1
12	cover cap W timber		FKWB0020-004 ...	FKWB0020-012 ...	1	1
13	top hinge S	Ref. PDB, FBSL02			1	1
14	cover cap S		FKSL0010-004 ...	FKSL0010-012 ...	1	1
15	top hinge pin diam.6	FBSB0010-1 ...			1	1
16	bottom hinge	Ref. PDB, FBEL01			1	
17	bottom hinge S	Ref. PDB, FBEL02				1
18	filling piece H timber	Ref. PDB, FBFS			1	1
19	cover cap EL U		FKEU0010-004 ...	FKEU0010-012 ...	1	
20	cover cap EL-S U		FKEL0010-004 ...	FKEL0010-012 ...		1
21	bottom hinge pin diam.6	TBLB0010-1 ...			1	1
22	reb.cor.hinge	Ref. PDB, TBFE81			1	1
23	cover cap FEB rh.		TKFE7011-004 ...	TKFE7011-012 ...	1	1
	cover cap FEB lh.		TKFE7012-004 ...	TKFE7012-012 ...	1	1

Frame dimensions

1-sash square turn
H12 GM Hinge side Si-line





Dimensions in mm

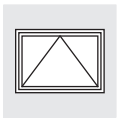
All striker positions are frame rebate dimensions on assembled frames. Airgap 12^{+1} mm.

RFB = FFB + 24 mm
RFH = FFH + 24 mm

	Dimension	FFB	FFH
3A	84		320– 430
	92		431– 600
	192		601– 800
	292		801–1000
	88		1001–1800
	304		1801–2400
3B	92		431– 600
	192		601– 800
	292		801–1000
	392		1001–1200
	492		1201–1400
	592		1401–1600
	294		1601–2400
3C	392		1001–1200
	492		1201–1400
	592		1401–1600
	692		1601–1800
	792		1801–2000
	892		2001–2200
	992		2201–2400
3D	692		1601–1800
	792		1801–2000
	892		2001–2200
	992		2201–2400
3E	120		1801–2400

FAVORIT

Installation instructions




GS

1-sash square tilt

timber 12 mm

basic security

centre handle pos. (variable)

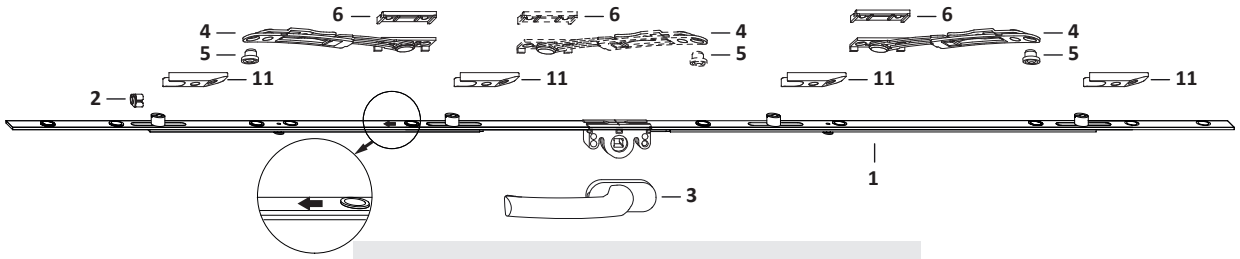
hinge side Si-line

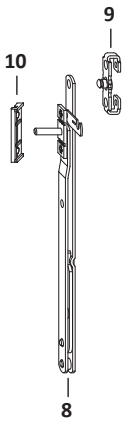
surface TS

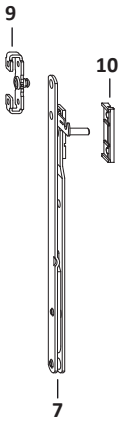
backset 15 mm

hardware layout

1-sash square tilt
H12 GM hinge side Si-line







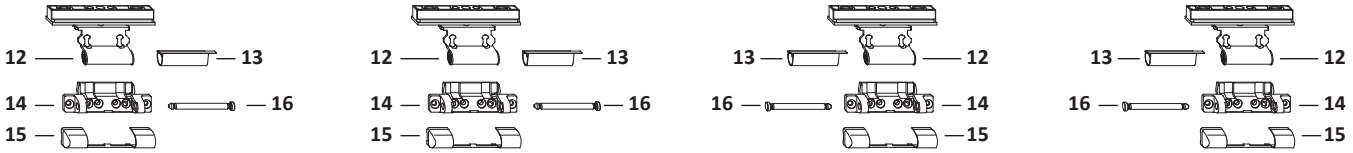
Size range

		Window
FFB	(mm)	528 – 2400
FFH	(mm)	350 – 800
sash weight	(kg)	50

Please strictly adhere to the following application diagram: H58.AWD_T_S030EN

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 or windows and balcony doors.

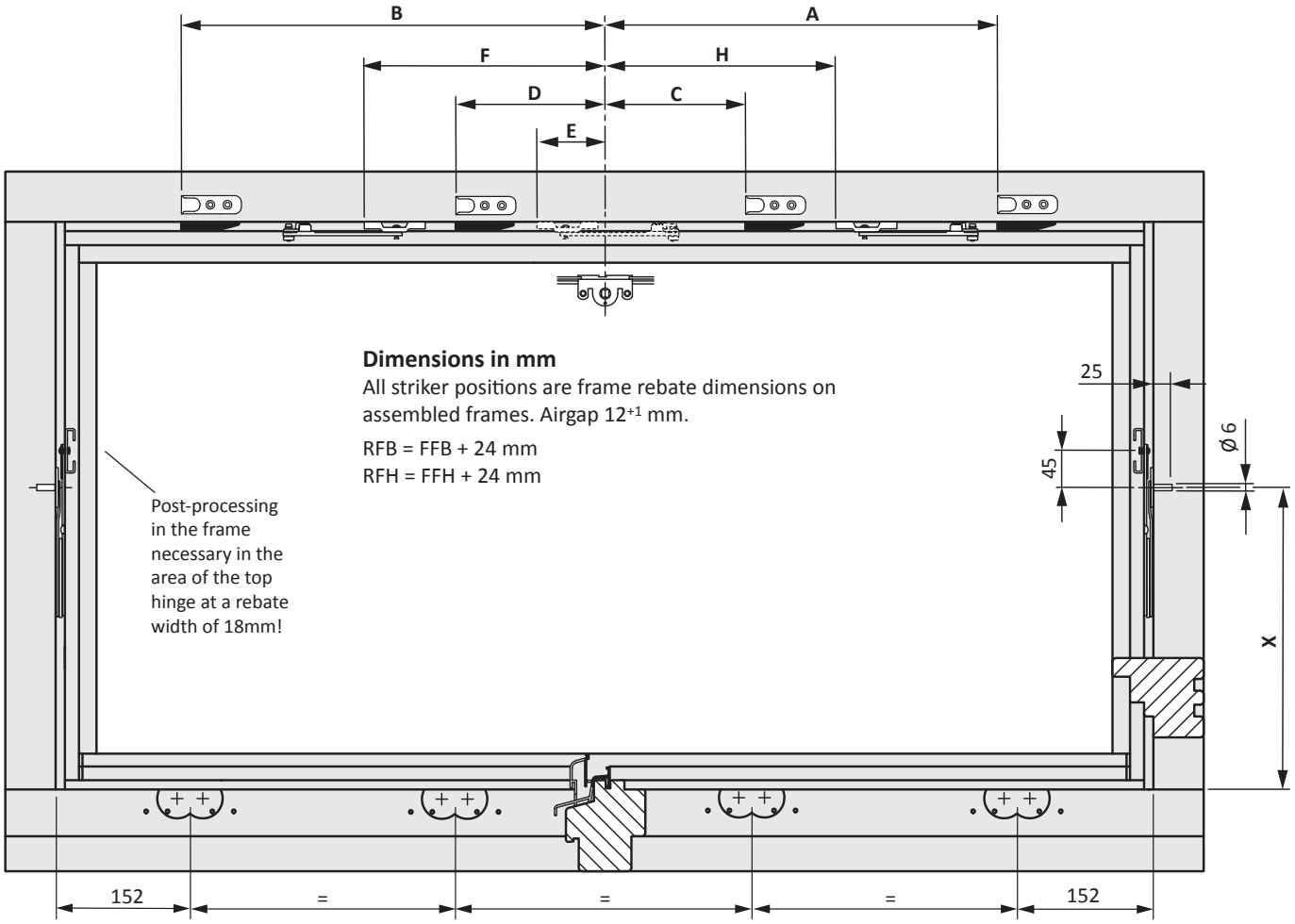


Pos.	Description	Part number	QTY	FFB	FFH	Dimension G	Number of frame parts Pos. 11
1	gear 15 FAV/DF sz 40 2V	FGMD4020–...	1	528 – 600		215 – 300	2
	gear 15 FAV/DF sz 60 2V	FGMD4030–...		601 – 800		300 – 400	2
	gear 15 FAV/DF sz 80 2V	FGMD4040–...		801 – 1000		400 – 500	2
	gear 15 FAV/DF sz 100 3V	FGMD4050–...		1001 – 1200		500 – 600	3
	gear 15 FAV/DF sz 120 3V	FGMD4060–...		1201 – 1400		600 – 700	3
	gear 15 FAV/DF sz 140 3V	FGMD4070–...		1401 – 1600		700 – 800	3
	gear 15 FAV/DF sz 160 4V	FGMD4080–...		1601 – 1800		800 – 900	3
	gear 15 FAV/DF sz 180 4V	FGMD4090–...		1801 – 2000		900 – 1000	3
	gear 15 FAV/DF sz 200 4V	FGMD4100–...		2001 – 2200		1000 – 1100	4
	gear 15 FAV/DF sz 220 4V	FGMD4110–...		2201 – 2400		1100 – 1200	4
2	travel restrictor	TFHB0010-...	1	528 – 2400			
3	handle GLOBE	Ref.access., ZHGS	1	528 – 2400			
4	telescopic tilt only stay	TSKF0020–...	1	528 – 1000			
			2	1001 – 2400			
5	lock.bolt f.rais.ring facepl.	TFZB0050–...	1	528 – 1000			
			2	1001 – 2400			
6	packer RB/FPS A....	s. PDB, FRUP02	1	528 – 1000			
			2	1001 – 2400			
7	tilt only safety stay 25 sz.1 rh	ASFP0031–...	1		350 – 500		
	tilt only safety stay 25 sz.2 rh	ASFP0041–...			501 – 800		
8	tilt only safety stay 25 sz.1 lh	ASFP0032–...	1		350 – 500		
	tilt only safety stay 25 sz.2 lh	ASFP0042–...			501 – 800		
9	fixing claw UGRP	ZFFP0010–...	2		350 – 800		
10	packer RB/FPS A....	Ref. PDB, FRUP02	2		350 – 800		
11	striker plate 56 A....	Ref. PDB, FRSB					

Hinge side turning points							
Pos.	Description	Part number			QTY - FFB		
		surface TS	RAL9016	RAL8022	528 – 800	801 – 1800	1801 – 2400
12	tilt sash hinge H	Ref. PDB, FBKF			2	3	4
13	cover cap W H		FKWB0020– 004...	FKWB0020– 012...	2	3	4
14	Scherenlager DH H	Ref. PDB, FBSL01			2	3	4
15	cover cap S		FKSL0010– 004...	FKSL0010– 012...	2	3	4
16	top hinge pin Ø6	FBSB0010– 1...			2	3	4

Frame dimensions

1-sash square tilt
H12 GM hinge side Si-line

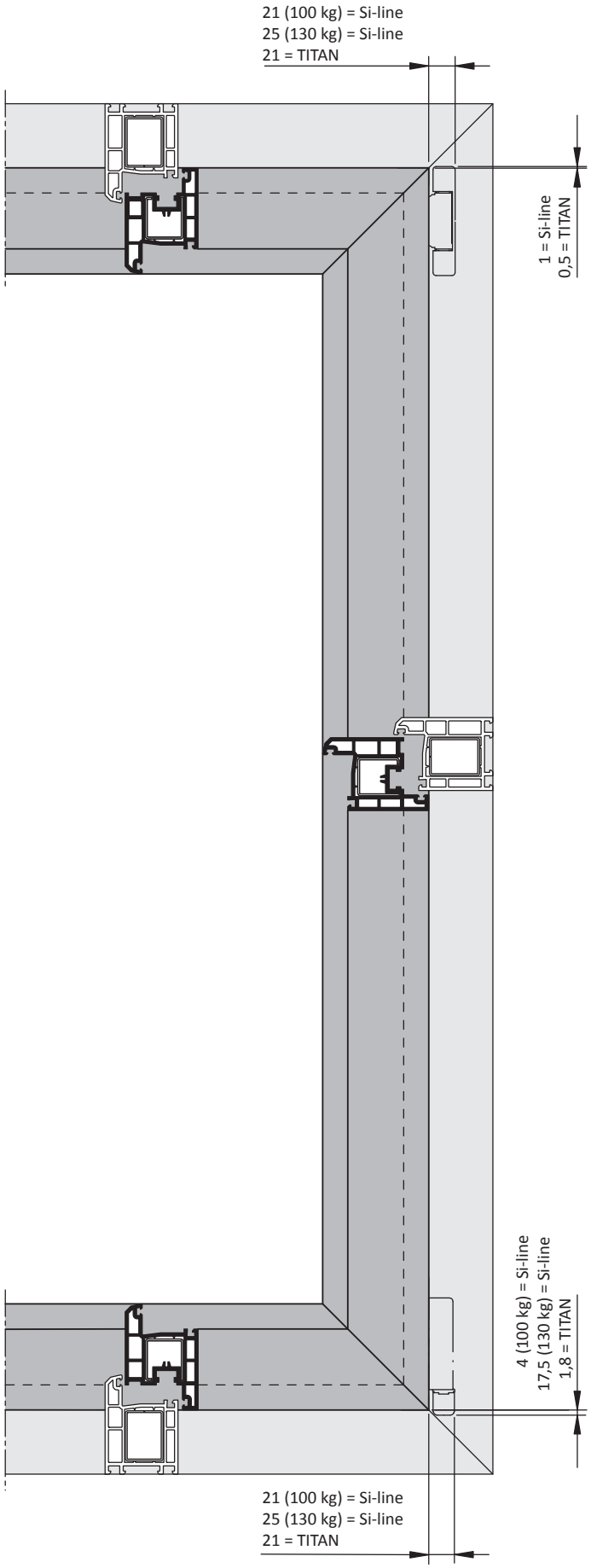


	Dimension	FFB
A	93	528 – 600
	193	601 – 800
	293	801 – 1000
	393	1001 – 1200
	493	1201 – 1400
	593	1401 – 1600
	693	1601 – 1800
	793	1801 – 2000
	893	2001 – 2200
	993	2201 – 2400
B	91	528 – 600
	191	601 – 800
	291	801 – 1000
	391	1001 – 1200
	491	1201 – 1400
	591	1401 – 1600
	691	1601 – 1800
	791	1801 – 2000
	891	2001 – 2200
	991	2201 – 2400
C	88	1001 – 2000
	305	2001 – 2400
D	291	2001 – 2400

	Dimension	FFB	FFH
E	264	528 – 600	
	0	601 – 800	
	202	801 – 1000	
F	172	1001 – 1200	
	235	1201 – 1400	
	424	1401 – 1600	
	424	1601 – 1800	
	571	1801 – 2000	
	654	2001 – 2200	
	707	2201 – 2400	
H	191	1001 – 1400	
	389	1401 – 1600	
	492	1601 – 1800	
	440	1801 – 2000	
	590	2001 – 2200	
	689	2201 – 2400	
X	230		350 – 500
	370		501 – 800

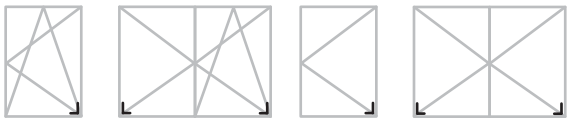
Description	Material	Page
window frame clearance PVC		7 - 3
rebate corner hinge PVC	TBFE1031, TBFE1032, TBFE1011, TBFE1012, TBFE1021, TBFE1022, TBFE1101, TBFE1102, FKFE0011, FKFE0012	7 - 4
corner hinge PVC Ø 6x12/12	TBEB6180, TKEB0020	7 - 6
corner hinge PVC	TBEB6130, TBEB6120, TKEB0020	7 - 7
corner hinge PVC ADV	TBEB6140, TBEB6150, TKEB0020	7 - 9
bottom hinge PVC Ø 3x3	FEBL0130, TBLB0010, FKEO0010, FKEU0010	7 - 11
bottom hinge PVC Ø 6x8	717691, TBLB0010, FKEO0010, FKEU0010	7 - 12
bottom hinge PVC Ø 6x12	FBEL0120, TBLB0010, FKEO0010, FKEU0010	7 - 13
bottom hinge PVC Ø 6x24/3	704592, TBLB0010, FKEO0010, FKEU0010	7 - 14
bottom hinge PVC Ø 3x3/3 FA	TBEL6150, FKEO0020, FKEU0010	7 - 15
stay hinge DH PVC	707470, 707432, 707449, 707586, 707456, 707494, 707500, FKWB0010	7 - 16
top hinge DH PVC Ø 3x3	FBSL0010, FBSB0010, FKSL0010	7 - 17
top hinge DH PVC Ø 6x8	717707, FBSB0010, FKSL0010	7 - 18
top hinge DH PVC Ø 6x12	FBSL0030, FBSB0010, FKSL0020	7 - 19
sash hinge PVC 12/..	707790, 707752, 704776, 704813, FKWB0010	7 - 20
tilt sash hinge PVC 12/..	704707, 704660, 704677, 704684, 704738, FKWB0010	7 - 21
window frame clearance timber 12 mm		7 - 22
rebate corner hinge H	TBFE8401, TBFE8402, TBFE8411, TBFE8412, TBFE8431, TBFE8432, TKFE7011, TKFE7012	7 - 23
rebate cor.hinge A0175 H	700273, 700396, 862780, 894019, 894026, 861929, FFDS0011, FFDS0012, FKFE0011, FKFE0012	7 - 25
bottom hinge H-12/...	FBEL0010, FBEL0020, TBEL0010, 700617, 700624, FKEO0010, FKEU0010, FKEL0010	7 - 27

Description	Material	Page
bottom hinge RFA H-12/..	700488, 700570, FBEL0031, FBEL0032, FKEU0010	7 - 29
stay hinge DH H/12..	704257, 717806, 704264, FBWB0010, FKWB0020	7 - 31
stay hinge RFA DH H	7177684, 719862, FKWB0020	7 - 32
top hinge DH H-12/..	FBSL0100, 704219, FBSB0010, FKSL0010	7 - 33
top hinge RFA DH H-12/..	704233, FBSL0020, FBSB0010, FKSL0050	7 - 34
sash hinge H..	700778, 722312, 700785, FBFB0010, FKWB0020	7 - 36
tilt sash hinge H..	700754, 700761, 722404, FBKF0010, FKWB0020	7 - 37
tilt sash hinge RFA H-12..	717745, 717752, FBKF0060, FBKF0040, FKWB0010	7 - 38
cover caps	FKFE0011, FKFE012, TKFE7011, TKFE7012, FKEO0010, FKEU0010, FKEL0010, FKEO0020, TKEB0020, FKWB0010, FKWB0020, FKSL0010, FKSL0020, FKSL0050	7 - 40


21 (100 kg) = Si-line
25 (130 kg) = Si-line
21 = TITAN
1 = Si-line
0,5 = TITAN
4 (100 kg) = Si-line
17,5 (130 kg) = Si-line
1,8 = TITAN
21 (100 kg) = Si-line
25 (130 kg) = Si-line
21 = TITAN

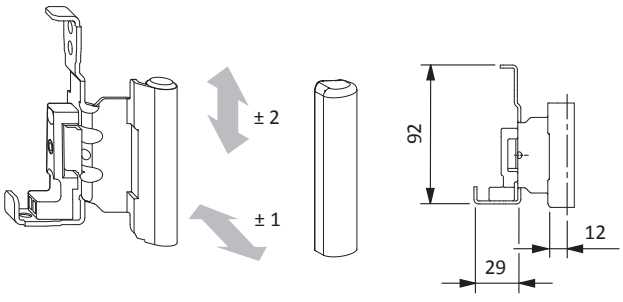
Technical information

Part number	Description	Airgap	rebate width	Groove axis	sash weight	
TBFE1031-...	rebate corner hinge PVC 12/18-9 rh.	12	18	9	130 kg	4
TBFE1032-...	rebate corner hinge PVC 12/18-9 lh.	12	18	9	130 kg	4
TBFE1011-...	rebate corner hinge PVC 12/20-9 rh.	12	20	9	130 kg	4
TBFE1012-...	rebate corner hinge PVC 12/20-9 lh.	12	20	9	130 kg	4
TBFE1021-...	rebate corner hinge PVC 12/20-13 rh.	12	20	13	130 kg	4
TBFE1022-...	rebate corner hinge PVC 12/20-13 lh.	12	20	13	130 kg	4
TBFE1101-...	rebate corner hinge PVC 12/21-13 rh.	12	21	13	130 kg	4
TBFE1102-...	rebate corner hinge PVC 12/21-13 lh.	12	21	13	130 kg	4
FKFE0011-...	cover cap FEB rh.	-	-	-	-	-
FKFE0012-...	cover cap FEB lh.	-	-	-	-	-



- For alternative colours of cover caps, see ‘Cover Caps’ page

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

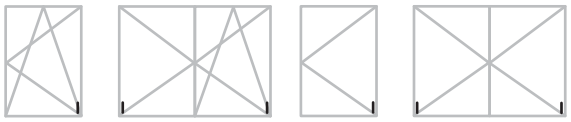


Sales information

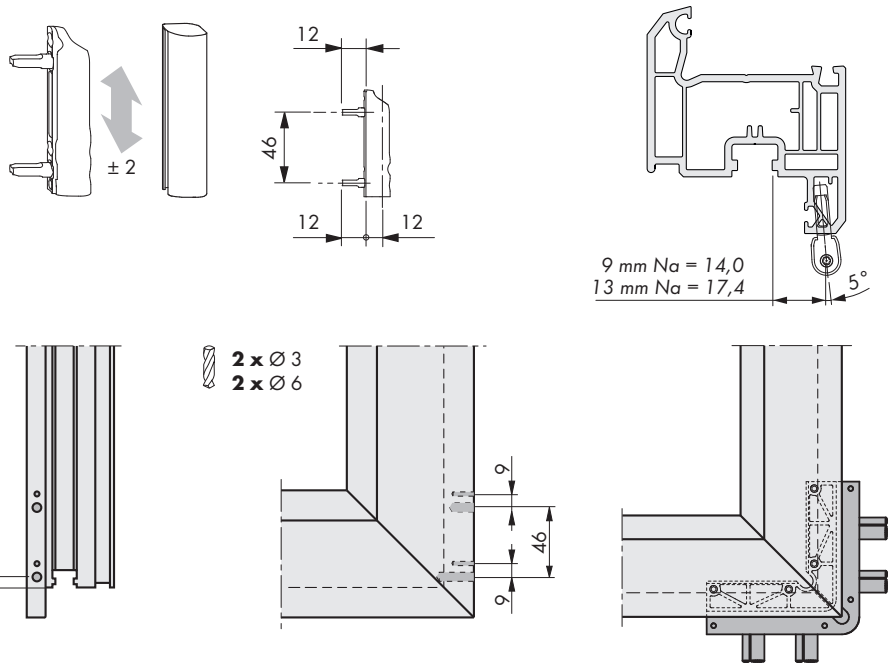
Description	Part number	Surface	Colour	Box quantity
rebate corner hinge PVC 12/18-9 rh.	TBFE1031-10001_	Titan Silver	without	1 pc
	TBFE1031-10005_	Titan Silver	without	50 pcs
rebate corner hinge PVC 12/18-9 lh.	TBFE1032-10001_	Titan Silver	without	1 pc
	TBFE1032-10005_	Titan Silver	without	50 pcs
rebate corner hinge PVC 12/20-9 rh.	TBFE1011-10001_	Titan Silver	without	1 pc
	TBFE1011-10005_	Titan Silver	without	50 pcs
rebate corner hinge PVC 12/20-9 lh.	TBFE1012-10001_	Titan Silver	without	1 pc
	TBFE1012-10005_	Titan Silver	without	50 pcs
rebate corner hinge PVC 12/20-13 rh.	TBFE1021-10001_	Titan Silver	without	1 pc
	TBFE1021-10005_	Titan Silver	without	50 pcs
	TBFE1021-10401_	Titan Silver	RAL9016	1 pc
	TBFE1021-10404_	Titan Silver	RAL9016	25 pcs
rebate corner hinge PVC 12/20-13 lh.	TBFE1022-10001_	Titan Silver	without	1 pc
	TBFE1022-10005_	Titan Silver	without	50 pcs
	TBFE1022-10401_	Titan Silver	RAL9016	1 pc
	TBFE1022-10404_	Titan Silver	RAL9016	25 pcs
rebate corner hinge PVC 12/21-13 rh.	TBFE1101-10001_	Titan Silver	without	1 pc
	TBFE1101-10005_	Titan Silver	without	50 pcs
rebate corner hinge PVC 12/21-13 lh.	TBFE1102-10001_	Titan Silver	without	1 pc
	TBFE1102-10005_	Titan Silver	without	50 pcs
cover cap FEB rh.	FKFE0011-00401_	neutral	RAL9016	1 pc
	FKFE0011-00408_	neutral	RAL9016	500 pcs
cover cap FEB lh.	FKFE0012-00401_	neutral	RAL9016	1 pc
	FKFE0012-00408_	neutral	RAL9016	500 pcs

Technical information

Part number	Description	sash weight	
TBEB6180-...	corner hinge PVC diam.6x12/12	100 kg	2
TKEB0020-...	cover cap EB	-	-



- Applicable on 18-22 mm rebate width
- Jig refer to PDB, line item FABLEB
- The specifications on the groove axis (Na) are theoretical values that may vary depending on profile tolerances and gasket versions.
- For alternative colours of cover caps, see 'Cover Caps' page
- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 "Wooden profiles for windows and portal doors"

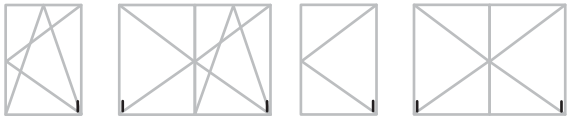


Sales information

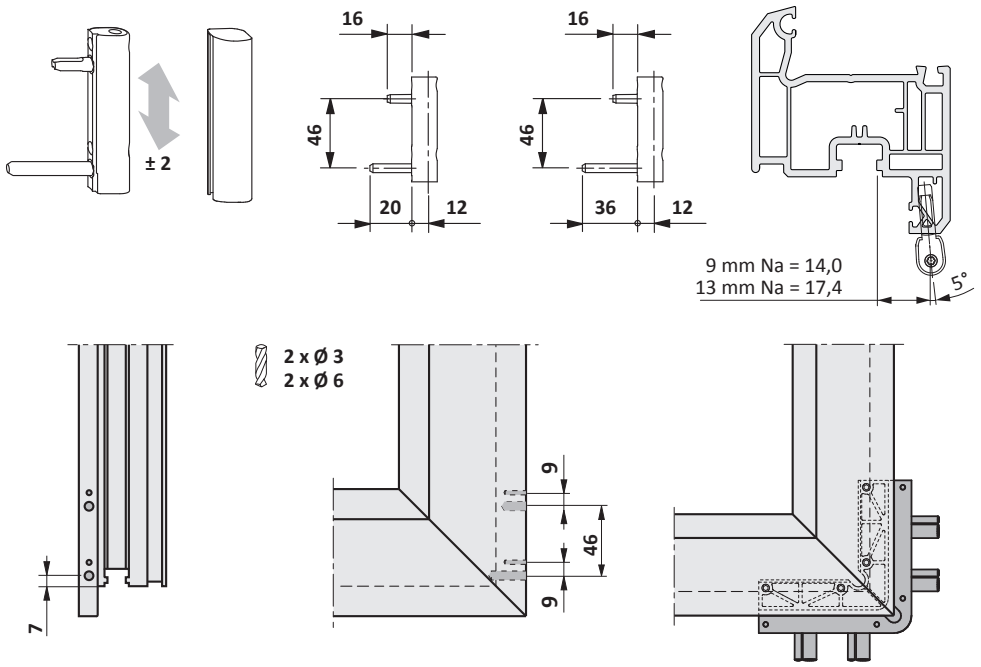
Description	Part number	Surface	Colour	Box quantity
corner hinge PVC diam.6x12/12	TBEB6180-10001_	Titan Silver	without	1 pc
	TBEB6180-10006_	Titan Silver	without	100 pcs
cover cap EB	TKEB0020-00401_	neutral	RAL9016	1 pc
	TKEB0020-00406_	neutral	RAL9016	100 pcs
	TKEB0020-00408_	neutral	RAL9016	500 pcs

Technical information

Part number	Description	sash weight	
TBEB6130-...	corner hinge PVC diam.6x16/20	100 kg	2
TBEB6120-...	corner hinge PVC diam.6x16/36	130 kg	2
TKEB0020-...	cover cap EB	-	-



- Applicable on 18-22 mm rebate width
- Jig refer to PDB, line item FABLEB
- The specifications on the groove axis (Na) are theoretical values that may vary depending on profile tolerances and gasket versions.
- For alternative colours of cover caps, see 'Cover Caps' page
- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 "Wooden profiles for windows and portal doors"

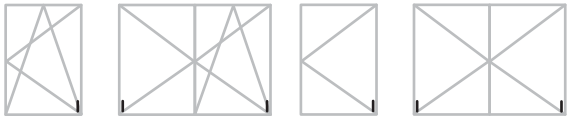


Sales information

Description	Part number	Surface	Colour	Box quantity
corner hinge PVC diam.6x16/20	TBEB6130-10001_	Titan Silver	without	1 pc
	TBEB6130-10006_	Titan Silver	without	100 pcs
	TBEB6130-10401_	Titan Silver	RAL9016	1 pc
	TBEB6130-10406_	Titan Silver	RAL9016	100 pcs
corner hinge PVC diam.6x16/36	TBEB6120-10001_	Titan Silver	without	1 pc
	TBEB6120-10006_	Titan Silver	without	100 pcs
	TBEB6120-10401_	Titan Silver	RAL9016	1 pc
	TBEB6120-10406_	Titan Silver	RAL9016	100 pcs
cover cap EB	TKEB0020-00401_	neutral	RAL9016	1 pc
	TKEB0020-00406_	neutral	RAL9016	100 pcs
	TKEB0020-00408_	neutral	RAL9016	500 pcs

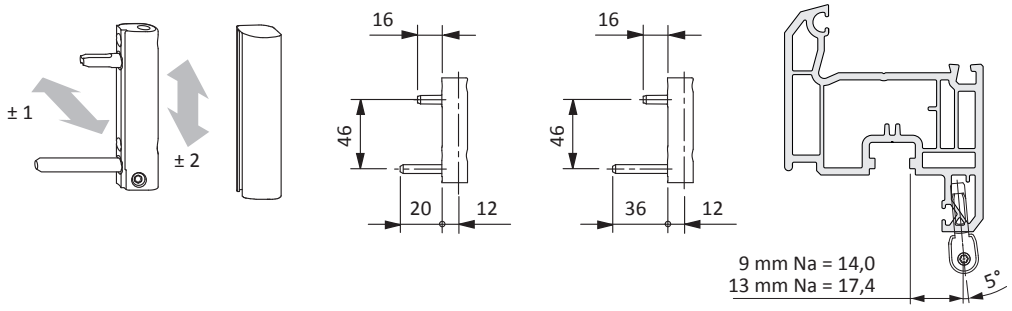
Technical information

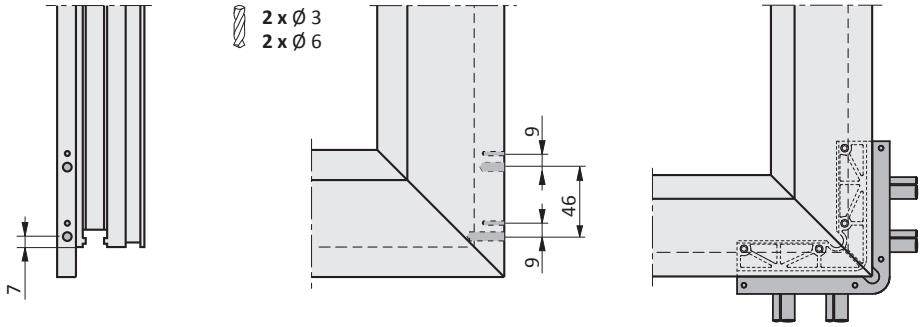
Part number	Description	sash weight	
TBEB6140-...	corn.hingePVC diam.6x16/36 ADV	130 kg	2
TBEB6150-...	corn.hingePVC diam.6x16/20 ADV	100 kg	2
TKEB0020-...	cover cap EB	-	-



- Applicable on 18-22 mm rebate width
- Jig refer to PDB, line item FABLEB
- Pressure adjustable - adjustment range restricted when using cover caps
- The specifications on the groove axis (Na) are theoretical values that may vary depending on profile tolerances and gasket versions.
- For alternative colours of cover caps, see 'Cover Caps' page
- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 "Wooden profiles for windows and portal doors"

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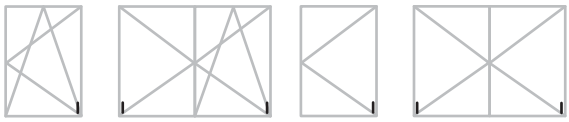


Sales information

Description	Part number	Surface	Colour	Box quantity
corn.hingePVC diam.6x16/36 ADV	TBEB6140-10001_	Titan Silver	without	1 pc
	TBEB6140-10006_	Titan Silver	without	100 pcs
	TBEB6140-10401_	Titan Silver	RAL9016	1 pc
	TBEB6140-10406_	Titan Silver	RAL9016	100 pcs
corn.hingePVC diam.6x16/20 ADV	TBEB6150-10001_	Titan Silver	without	1 pc
	TBEB6150-10006_	Titan Silver	without	100 pcs
	TBEB6150-10401_	Titan Silver	RAL9016	1 pc
	TBEB6150-10406_	Titan Silver	RAL9016	100 pcs
cover cap EB	TKEB0020-00401_	neutral	RAL9016	1 pc
	TKEB0020-00406_	neutral	RAL9016	100 pcs
	TKEB0020-00408_	neutral	RAL9016	500 pcs

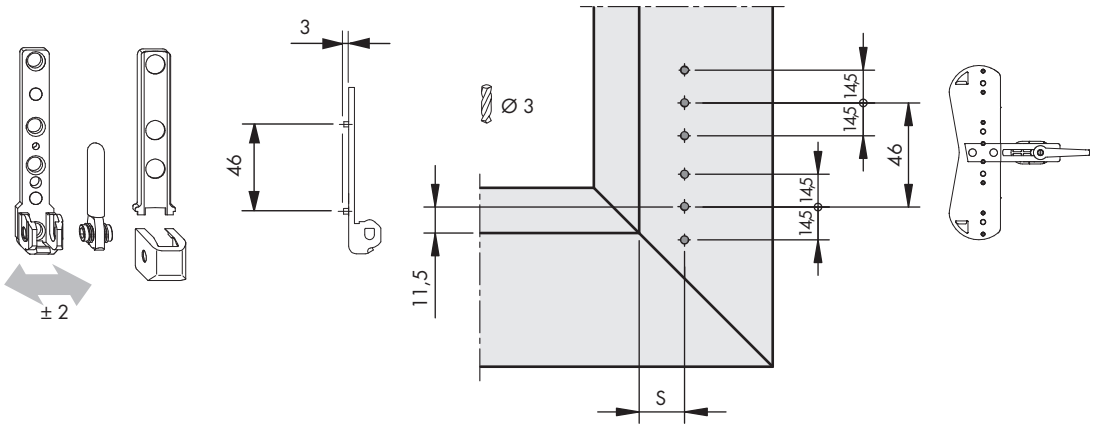
Technical information

Part number	Description	sash weight	
FBEL0130-...	bottom hinge PVC diam.3x3	100 kg	4
TBLB0010-...	bottom hinge pin diam.6	-	-
FKEO0010-...	cover cap EL O	-	-
FKEU0010-...	cover cap EL U	-	-



- For Dimension S refer to PDB
- Jig refer to PDB, line item FABL3
- For alternative colours of cover caps, see 'Cover Caps' page

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 "Wooden profiles for windows and portal doors"

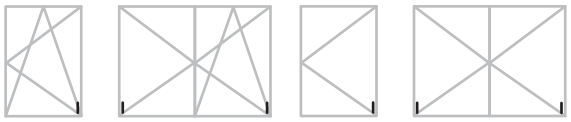


Sales information

Description	Part number	Surface	Colour	Box quantity
bottom hinge PVC diam.3x3	FBEL0130-10001_	Titan Silver	without	1 pc
	FBEL0130-10006_	Titan Silver	without	100 pcs
	FBEL0130-10007_	Titan Silver	without	250 pcs
bottom hinge pin diam.6	TBLB0010-10001_	Titan Silver	without	1 pc
	TBLB0010-10006_	Titan Silver	without	100 pcs
cover cap EL O	FKEO0010-00401_	neutral	RAL9016	1 pc
	FKEO0010-00408_	neutral	RAL9016	500 pcs
cover cap EL U	FKEU0010-00401_	neutral	RAL9016	1 pc
	FKEU0010-00406_	neutral	RAL9016	100 pcs
	FKEU0010-00408_	neutral	RAL9016	500 pcs

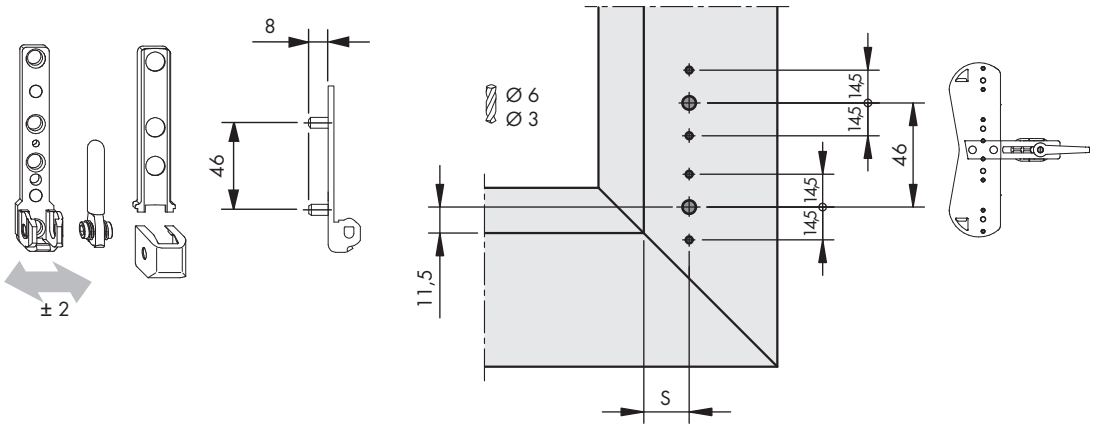
Technical information

Part number	Description	sash weight	
717691	bottom hinge PVC diam.6x8	100 kg	4
TBLB0010-...	bottom hinge pin diam.6	-	-
FKEO0010-...	cover cap EL O	-	-
FKEU0010-...	cover cap EL U	-	-



- For Dimension S refer to PDB
- Jig refer to PDB, line item FABLSE

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

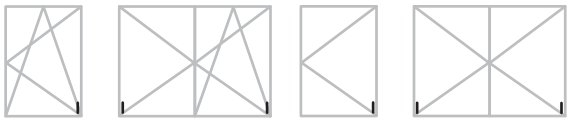


Sales information

Description	Part number	Surface	Colour	Box quantity
bottom hinge PVC diam.6x8	717691	Titan Silver	without	1 pc
	FBEL0100-10006_	Titan Silver	without	100 pcs
	302880	Titan Silver	without	250 pcs
bottom hinge pin diam.6	TBLB0010-10001_	Titan Silver	without	1 pc
	TBLB0010-10006_	Titan Silver	without	100 pcs
cover cap EL O	FKEO0010-00401_	neutral	RAL9016	1 pc
	FKEO0010-00408_	neutral	RAL9016	500 pcs
cover cap EL U	FKEU0010-00401_	neutral	RAL9016	1 pc
	FKEU0010-00406_	neutral	RAL9016	100 pcs
	FKEU0010-00408_	neutral	RAL9016	500 pcs

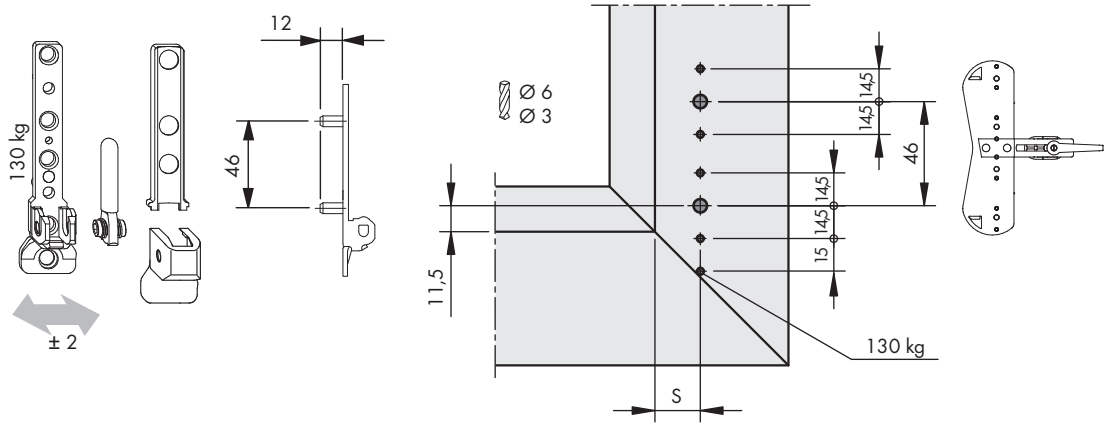
Technical information

Part number	Description	sash weight	
FBEL0120-...	bottom hinge S-PVC diam.6x12	130 kg	5
TBLB0010-...	bottom hinge pin diam.6	-	-
FKEO0010-...	cover cap EL O	-	-
FKEL0010-...	cover cap EL-S U	-	-



- For Dimension S refer to PDB
- Jig refer to PDB, line item FABLSE

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

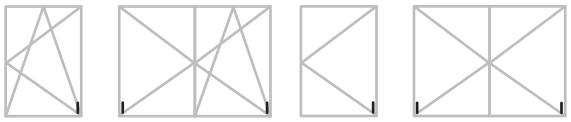


Sales information

Description	Part number	Surface	Colour	Box quantity
bottom hinge S-PVC diam.6x12	FBEL0120-10001_	Titan Silver	without	1 pc
	FBEL0120-10006_	Titan Silver	without	100 pcs
bottom hinge pin diam.6	TBLB0010-10001_	Titan Silver	without	1 pc
	TBLB0010-10006_	Titan Silver	without	100 pcs
cover cap EL O	FKEO0010-00401_	neutral	RAL9016	1 pc
	FKEO0010-00408_	neutral	RAL9016	500 pcs
cover cap EL-S U	FKEL0010-00401_	neutral	RAL9016	1 pc
	FKEL0010-00408_	neutral	RAL9016	500 pcs

Technical information

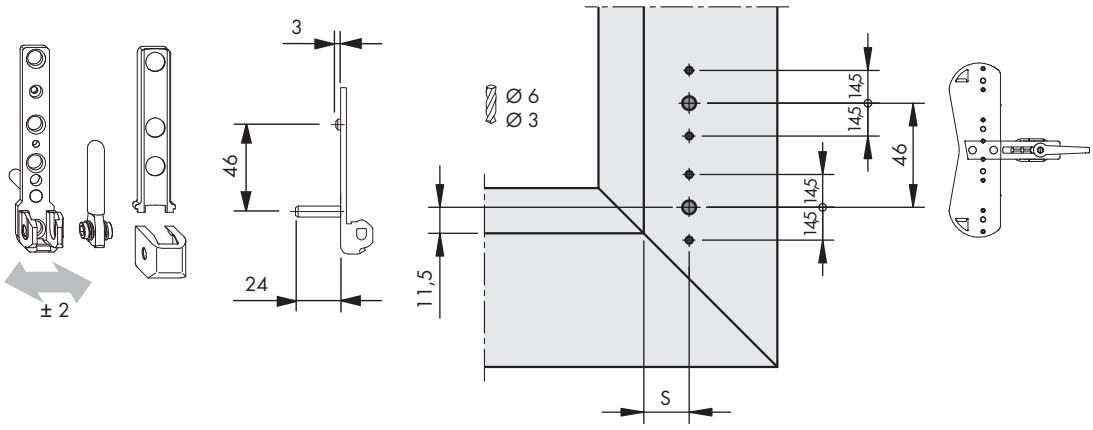
Part number	Description	sash weight	
704592	bottom hinge PVC diam.6x24/3	100 kg	4
TBLB0010-...	bottom hinge pin diam.6	-	-
FKEO0010-...	cover cap EL O	-	-
FKEU0010-...	cover cap EL U	-	-



- For Dimension S refer to PDB
- Jig refer to PDB, line item FABLSE
- For alternative colours of cover caps, see 'Cover Caps' page

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 "Wooden profiles for windows and portal doors"

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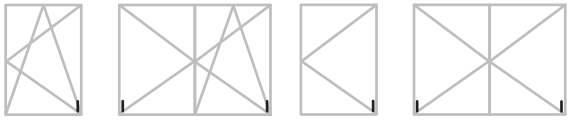


Sales information

Description	Part number	Surface	Colour	Box quantity
bottom hinge PVC diam.6x24/3	704592	Titan Silver	without	1 pc
	280607	Titan Silver	without	250 pcs
bottom hinge pin diam.6	TBLB0010-10001_	Titan Silver	without	1 pc
	TBLB0010-10006_	Titan Silver	without	100 pcs
cover cap EL O	FKEO0010-00401_	neutral	RAL9016	1 pc
	FKEO0010-00408_	neutral	RAL9016	500 pcs
cover cap EL U	FKEU0010-00401_	neutral	RAL9016	1 pc
	FKEU0010-00406_	neutral	RAL9016	100 pcs
	FKEU0010-00408_	neutral	RAL9016	500 pcs

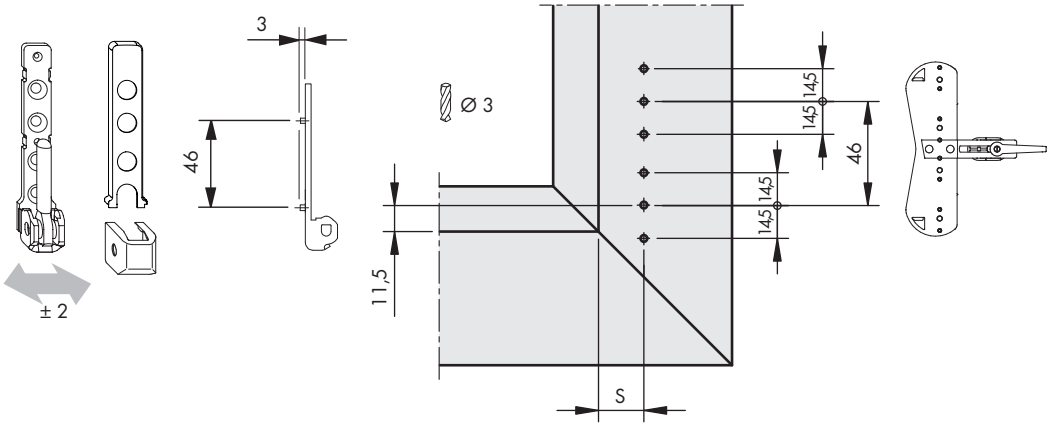
Technical information

Part number	Description	sash weight	
TBEL6150-...	bottom hinge KF Ø3x3/3 FA	100 kg	4
FKEO0020-...	cover cap EL O MB	-	-
FKEU0010-...	cover cap EL U	-	-



- For Dimension S refer to PDB
- Jig refer to PDB, line item FABL3
- For alternative colours of cover caps, see 'Cover Caps' page

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 "Wooden profiles for windows and portal doors"

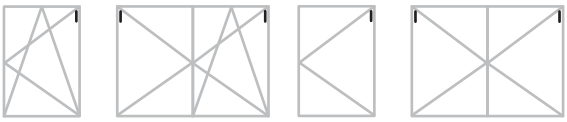


Sales information

Description	Part number	Surface	Colour	Box quantity
bottom hinge KF Ø3x3/3 FA	TBEL6150-10001_	Titan Silver	without	1 pc
	TBEL6150-10007_	Titan Silver	without	250 pcs
cover cap EL O MB	FKEO0020-00401_	neutral	RAL9016	1 pc
	FKEO0020-00406_	neutral	RAL9016	100 pcs
cover cap EL U	FKEU0010-00401_	neutral	RAL9016	1 pc
	FKEU0010-00406_	neutral	RAL9016	100 pcs
	FKEU0010-00408_	neutral	RAL9016	500 pcs

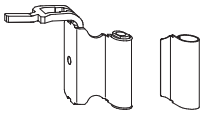
Technical information

Part number	Description	Airgap	rebate width	Groove axis	sash weight
707470	stay hinge DH PVC 12/18-9	12	18	9	130 kg
707432	stay hinge DH PVC 12/20-9	12	20	9	130 kg
707449	stay hinge DH PVC 12/20-10	12	20	10	130 kg
707586	stay hinge DH PVC 12/20-12,3	12	20	12,30	130 kg
707456	stay hinge DH PVC 12/20-13	12	20	13	130 kg
707494	stay hinge DH PVC 12/21-9	12	21	9	130 kg
707500	stay hinge DH PVC 12/21-13	12	21	13	130 kg
FKWB0010-...	cover cap W PVC	-	-	-	-



- Notch out the sash overlap gasket in the vicinity of the hinge clearance!
- For alternative colours of cover caps, see ‘Cover Caps’ page

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

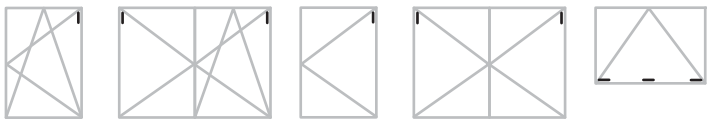


Sales information

Description	Part number	Surface	Colour	Box quantity
stay hinge DH PVC 12/18-9	707470	Titan Silver	without	1 pc
	283684	Titan Silver	without	50 pcs
stay hinge DH PVC 12/20-9	707432	Titan Silver	without	1 pc
	283615	Titan Silver	without	50 pcs
stay hinge DH PVC 12/20-10	707449	Titan Silver	without	1 pc
	283639	Titan Silver	without	50 pcs
stay hinge DH PVC 12/20-12,3	707586	Titan Silver	without	1 pc
	283790	Titan Silver	without	50 pcs
stay hinge DH PVC 12/20-13	707456	Titan Silver	without	1 pc
	283653	Titan Silver	without	50 pcs
stay hinge DH PVC 12/21-9	707494	Titan Silver	without	1 pc
stay hinge DH PVC 12/21-13	707500	Titan Silver	without	1 pc
	283714	Titan Silver	without	50 pcs
cover cap W PVC	FKWB0010-00401_	neutral	RAL9016	1 pc
	FKWB0010-00406_	neutral	RAL9016	100 pcs

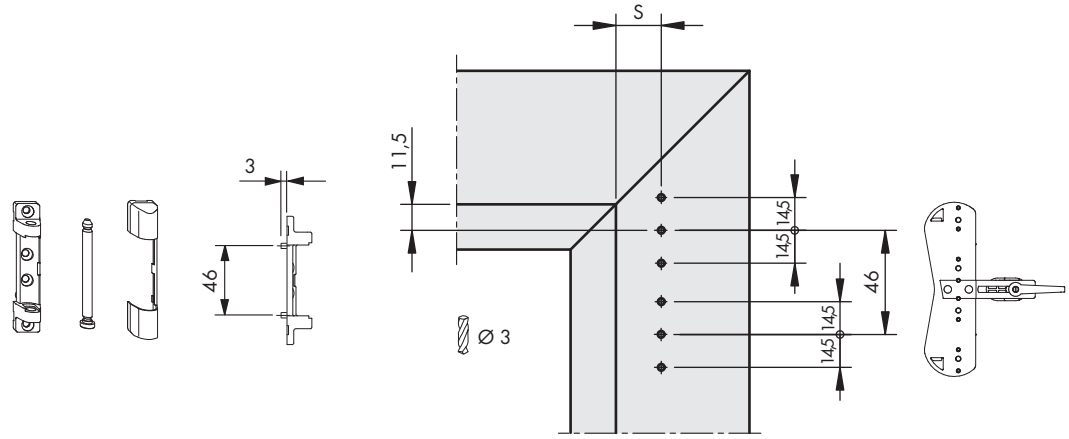
Technical information

Part number	Description	sash weight
FBSL0010-...	top hinge DH PVC diam.3x3	100 kg
FBSB0010-...	top hinge pin diam.6	-
FKSL0010-...	cover cap S	-



- Jig refer to PDB, line item FABL3
- Jig for use with tilt sash hinge refer to PDB, line item FAASAW
- For Dimension S refer to PDB
- For alternative colours of cover caps, see 'Cover Caps' page

- **Please observe:**
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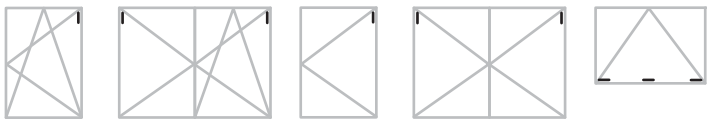


Sales information

Description	Part number	Surface	Colour	Box quantity
top hinge DH PVC diam.3x3	FBSL0010-10001_	Titan Silver	without	1 pc
	FBSL0010-10006_	Titan Silver	without	100 pcs
	283844	Titan Silver	without	250 pcs
top hinge pin diam.6	FBSB0010-10001_	Titan Silver	without	1 pc
	FBSB0010-10006_	Titan Silver	without	100 pcs
	280010	Titan Silver	without	500 pcs
cover cap S	FKSL0010-00401_	neutral	RAL9016	1 pc
	FKSL0010-00406_	neutral	RAL9016	100 pcs
	FKSL0010-00408_	neutral	RAL9016	500 pcs

Technical information

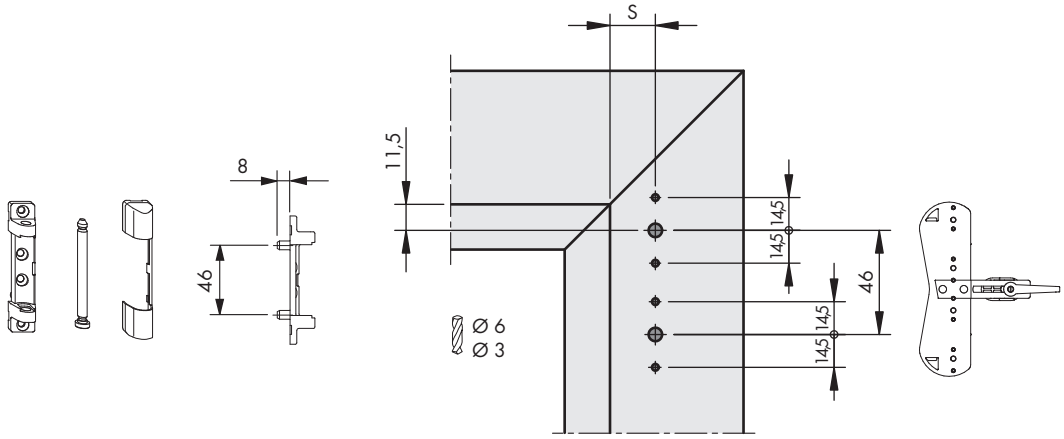
Part number	Description	sash weight	
717707	top hinge DH PVC diam.6x8	100 kg	4
FBSB0010-...	top hinge pin diam.6	-	-
FKSL0010-...	cover cap S	-	-



- Jig refer to PDB, line item FABLSE
- Jig for use with tilt sash hinge refer to PDB, line item FAASAW
- For Dimension S refer to PDB

- **Please observe:**
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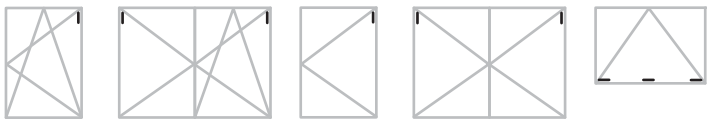


Sales information

Description	Part number	Surface	Colour	Box quantity
top hinge DH PVC diam.6x8	717707	Titan Silver	without	1 pc
	FBSL0090-10006_	Titan Silver	without	100 pcs
	302897	Titan Silver	without	250 pcs
top hinge pin diam.6	FBSB0010-10001_	Titan Silver	without	1 pc
	FBSB0010-10006_	Titan Silver	without	100 pcs
	280010	Titan Silver	without	500 pcs
cover cap S	FKSL0010-00401_	neutral	RAL9016	1 pc
	FKSL0010-00406_	neutral	RAL9016	100 pcs
	FKSL0010-00408_	neutral	RAL9016	500 pcs

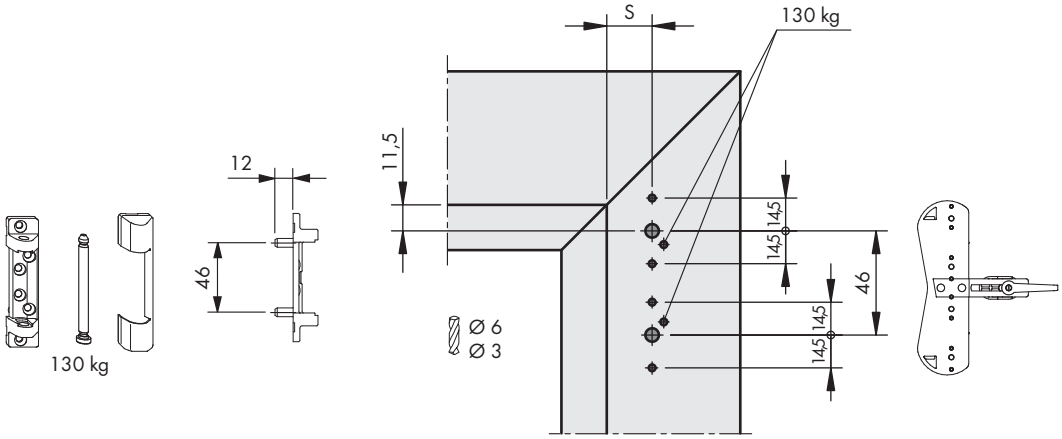
Technical information

Part number	Description	sash weight	
FBSL0030-...	top hinge DH PVC-S diam.6x12	130 kg	6
FBSB0010-...	top hinge pin diam.6	-	-
FKSL0020-...	cover cap S PVC-S	-	-



- Jig refer to PDB, line item FABLSE
- Jig for use with tilt sash hinge refer to PDB, line item FAASAW
- For Dimension S refer to PDB

- **Please observe:**
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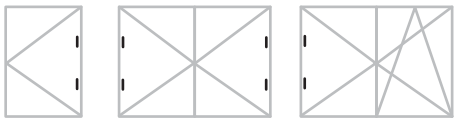


Sales information

Description	Part number	Surface	Colour	Box quantity
top hinge DH PVC-S diam.6x12	FBSL0030-10001_	Titan Silver	without	1 pc
	FBSL0030-10006_	Titan Silver	without	100 pcs
top hinge pin diam.6	FBSB0010-10001_	Titan Silver	without	1 pc
	FBSB0010-10006_	Titan Silver	without	100 pcs
	280010	Titan Silver	without	500 pcs
cover cap S PVC-S	FKSL0020-00401_	neutral	RAL9016	1 pc
	FKSL0020-00406_	neutral	RAL9016	100 pcs

Technical information

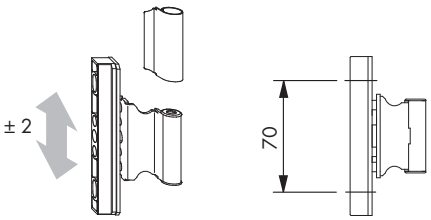
Part number	Description	Airgap	rebate width	Groove axis	sash weight	
704790	sash hinge PVC 12/18-9	12	18	9	130 kg	2
704752	sash hinge PVC 12/20-9	12	20	9	130 kg	2
704776	sash hinge PVC 12/20-13	12	20	13	130 kg	2
704813	sash hinge PVC 12/21-13	12	21	13	130 kg	2
FKWB0010-...	cover cap W PVC	-	-	-	-	-



- Notch out the sash overlap gasket in the vicinity of the hinge clearance!
- Automatic lateral adjustment of ± 2 mm
- For alternative colours of cover caps, see 'Cover Caps' page

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 "Wooden profiles for windows and portal doors"

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Sales information

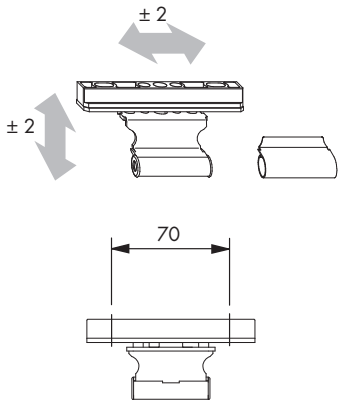
Description	Part number	Surface	Colour	Box quantity
sash hinge PVC 12/18-9	704790	Titan Silver	without	1 pc
	280843	Titan Silver	without	50 pcs
sash hinge PVC 12/20-9	704752	Titan Silver	without	1 pc
	280805	Titan Silver	without	50 pcs
sash hinge PVC 12/20-13	704776	Titan Silver	without	1 pc
	280829	Titan Silver	without	50 pcs
sash hinge PVC 12/21-13	704813	Titan Silver	without	1 pc
	280867	Titan Silver	without	50 pcs
cover cap W PVC	FKWB0010-00401_	neutral	RAL9016	1 pc
	FKWB0010-00406_	neutral	RAL9016	100 pcs

Technical information

Part number	Description	Airgap	rebate width	Groove axis	sash weight	
704707	tilt sash hinge PVC 12/18-9	12	18	9	50 kg	2
704660	tilt sash hinge PVC 12/20-9	12	20	9	50 kg	2
704677	tilt sash hinge PVC 12/20-10	12	20	10	50 kg	2
704684	tilt sash hinge PVC 12/20-13	12	20	13	50 kg	2
704738	tilt sash hinge PVC 12/21-13	12	21	13	50 kg	2
FKWB0010-...	cover cap W PVC	-	-	-	-	-

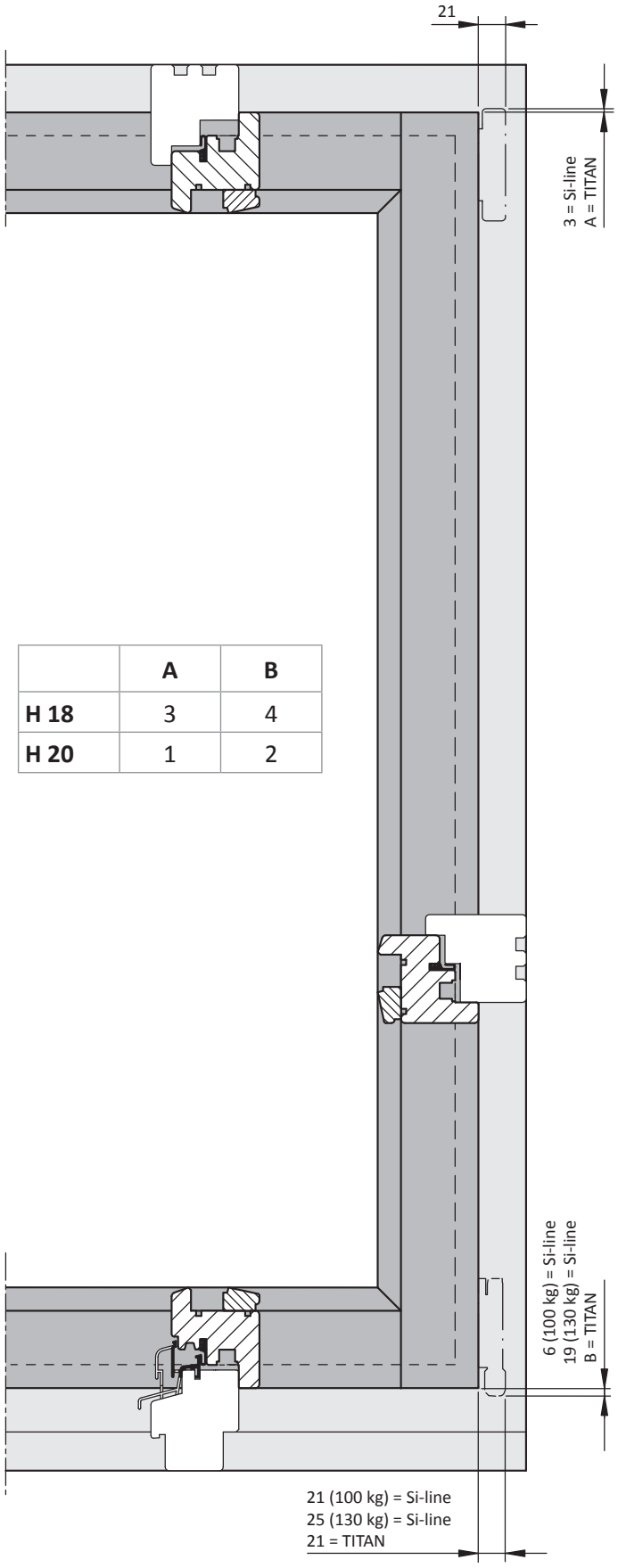
- Notch out the sash overlap gasket in the vicinity of the hinge clearance!
- For alternative colours of cover caps, see 'Cover Caps' page

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
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Sales information

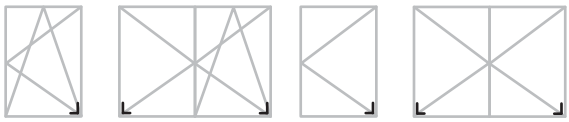
Description	Part number	Surface	Colour	Box quantity
tilt sash hinge PVC 12/18-9	704707	Titan Silver	without	1 pc
	280751	Titan Silver	without	50 pcs
tilt sash hinge PVC 12/20-9	704660	Titan Silver	without	1 pc
	280713	Titan Silver	without	50 pcs
tilt sash hinge PVC 12/20-10	704677	Titan Silver	without	1 pc
	280720	Titan Silver	without	50 pcs
tilt sash hinge PVC 12/20-13	704684	Titan Silver	without	1 pc
	280737	Titan Silver	without	50 pcs
tilt sash hinge PVC 12/21-13	704738	Titan Silver	without	1 pc
	280782	Titan Silver	without	50 pcs
cover cap W PVC	FKWB0010-00401_	neutral	RAL9016	1 pc
	FKWB0010-00406_	neutral	RAL9016	100 pcs



	A	B
H 18	3	4
H 20	1	2

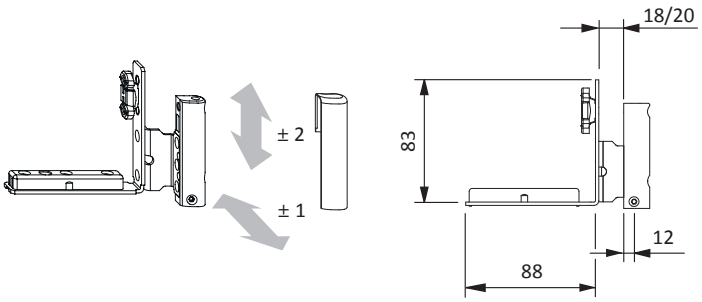
Technical information

Part number	Description	Airgap	rebate width	Groove axis	sash weight	
TBFE8401-...	rebate corner hinge timber 18-9 rh.	12/4	18	9	150 kg	7
TBFE8402-...	rebate corner hinge timber 18-9 lh.	12/4	18	9	150 kg	7
TBFE8411-...	rebate corner hinge timber 18-13 rh.	12/4	18	13	150 kg	7
TBFE8412-...	rebate corner hinge timber 18-13 lh.	12/4	18	13	150 kg	7
TBFE8431-...	rebate corner hinge timber 20-13 rh.	12/4	20	13	150 kg	7
TBFE8432-...	rebate corner hinge timber 20-13 lh.	12/4	20	13	150 kg	7
TKFE7011-...	cover cap FEB rh.	-	-	-	-	-
TKFE7012-...	cover cap FEB lh.	-	-	-	-	-



- When assembling the rebate corner hinges TITAN, the rebate height must be min. 15 mm
- For alternative colours of cover caps, see ‘Cover Caps’ page

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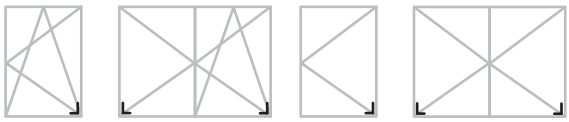


Sales information

Description	Part number	Surface	Colour	Box quantity
rebate corner hinge timber 18-9 rh.	TBFE8401-10001_	Titan Silver	without	1 pc
	TBFE8401-10005_	Titan Silver	without	50 pcs
	TBFE8401-10401_	Titan Silver	RAL9016	1 pc
	TBFE8401-10405_	Titan Silver	RAL9016	50 pcs
rebate corner hinge timber 18-9 lh.	TBFE8402-10001_	Titan Silver	without	1 pc
	TBFE8402-10005_	Titan Silver	without	50 pcs
	TBFE8402-10401_	Titan Silver	RAL9016	1 pc
	TBFE8402-10405_	Titan Silver	RAL9016	50 pcs
rebate corner hinge timber 18-13 rh.	TBFE8411-10001_	Titan Silver	without	1 pc
	TBFE8411-10005_	Titan Silver	without	50 pcs
	TBFE8411-10401_	Titan Silver	RAL9016	1 pc
	TBFE8411-10405_	Titan Silver	RAL9016	50 pcs
rebate corner hinge timber 18-13 lh.	TBFE8412-10001_	Titan Silver	without	1 pc
	TBFE8412-10005_	Titan Silver	without	50 pcs
	TBFE8412-10405_	Titan Silver	RAL9016	50 pcs
	TBFE8412-10401_	Titan Silver	RAL9016	50 pcs
rebate corner hinge timber 20-13 rh.	TBFE8431-10001_	Titan Silver	without	1 pc
	TBFE8431-10005_	Titan Silver	without	50 pcs
rebate corner hinge timber 20-13 lh.	TBFE8432-10001_	Titan Silver	without	1 pc
	TBFE8432-10005_	Titan Silver	without	50 pcs
cover cap FEB rh.	TKFE7011-00401_	neutral	RAL9016	1 pc
	TKFE7011-00406_	neutral	RAL9016	100 pcs
	TKFE7011-00408_	neutral	RAL9016	500 pcs
cover cap FEB lh.	TKFE7012-00401_	neutral	RAL9016	1 pc
	TKFE7012-00406_	neutral	RAL9016	100 pcs
	TKFE7012-00408_	neutral	RAL9016	500 pcs

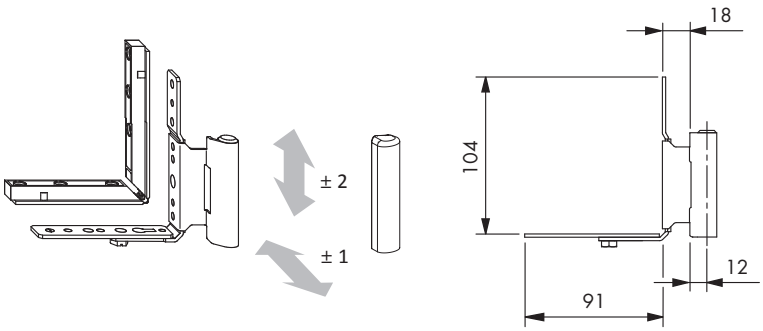
Technical information

Part number	Description	Airgap	rebate width	Groove axis	sash weight	
700273	rebate corner hinge timber 12/18-9 A0175 rh.	12	18	9	130 kg	6
700396	rebate corner hinge timber 12/18-9 A0175 lh.	12	18	9	130 kg	6
862780	dist pce with groove H 12/18-9	12	18	9	-	-
894019	dist pce with groove H 12/18-13 rh.	12	18	13	-	-
894026	dist pce with groove H 12/18-13 lh.	12	18	13	-	-
861929	dist pce with groove H 12/20-9	12	20	9	-	-
FFDS0011-...	dist pce with groove H 12/20-13 rh.	12	20	13	-	-
FFDS0012-...	dist pce with groove H 12/20-13 lh.	12	20	13	-	-
FKFE0011-...	cover cap FEB rh.	-	-	-	-	-
FKFE0012-...	cover cap FEB lh.	-	-	-	-	-



- Hinge clearance in the over rebate
- Always route through when using vertical and horizontal hardware groove spacers
- For alternative colours of cover caps, see ‘Cover Caps’ page

- **Please observe:**
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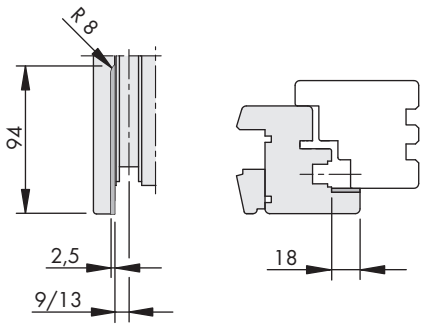
Sales information

Description	Part number	Surface	Colour	Box quantity
rebate corner hinge timber 12/18-9 A0175 rh.	700273	Titan Silver	without	1 pc
	275443	Titan Silver	without	50 pcs
rebate corner hinge timber 12/18-9 A0175 lh.	700396	Titan Silver	without	1 pc
	275634	Titan Silver	without	50 pcs
dist pce with groove H 12/18-9	862780	neutral	RAL1020	1 pc
	250631	neutral	RAL1020	250 pcs
dist pce with groove H 12/18-13 rh.	894019	neutral	silver	1 pc
	303320	neutral	silver	250 pcs
dist pce with groove H 12/18-13 lh.	894026	neutral	silver	1 pc
	303337	neutral	silver	250 pcs
dist pce with groove H 12/20-9	861929	neutral	RAL1020	1 pc
	249833	neutral	RAL1020	250 pcs
dist pce with groove H 12/20-13 rh.	FFDS0011-02501_	neutral	Si-silver	1 pc
	FFDS0011-02507_	neutral	Si-silver	250 pcs
dist pce with groove H 12/20-13 lh.	FFDS0012-02501_	neutral	Si-silver	1 pc
	FFDS0012-02507_	neutral	Si-silver	250 pcs
cover cap FEB rh.	FKFE0011-00401_	neutral	RAL9016	1 pc
	FKFE0011-00408_	neutral	RAL9016	500 pcs
cover cap FEB lh.	FKFE0012-00401_	neutral	RAL9016	1 pc
	FKFE0012-00408_	neutral	RAL9016	500 pcs

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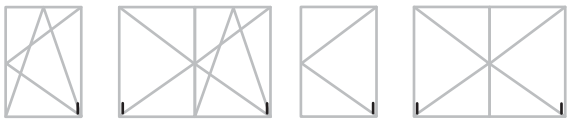
Drill holes and routings

- Sash over rebate routing



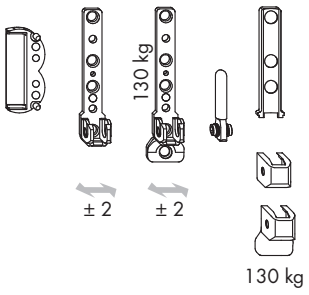
Technical information

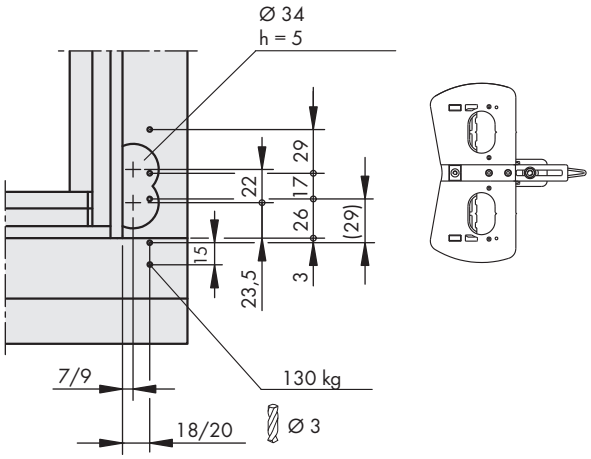
Part number	Description	Airgap	rebate width	sash weight	
FBEL0010-...	bottom hinge timber 12/	12	-	100 kg	4
FBEL0020-...	bottom hinge S timber 12/	12	-	130 kg	5
TBLB0010-...	bottom hinge pin diam.6	-	-	-	-
700617	filling piece H 12/18	12	18	-	-
700624	filling piece H 12/20	12	20	-	-
FKEO0010-...	cover cap EL O	-	-	-	-
FKEU0010-...	cover cap EL U	-	-	-	-
FKEL0010-...	cover cap EL-S U	-	-	-	-



- Jig, refer to PDB, line item FAFSSE
- For alternative colours of cover caps, see 'Cover Caps' page

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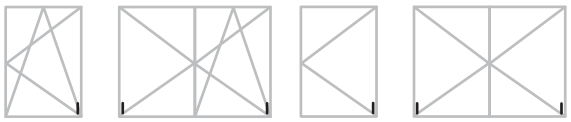


Sales information

Description	Part number	Surface	Colour	Box quantity
bottom hinge timber 12/	FBEL0010-10001_	Titan Silver	without	1 pc
	FBEL0010-10006_	Titan Silver	without	100 pcs
bottom hinge S timber 12/	FBEL0020-10001_	Titan Silver	without	1 pc
	275665	Titan Silver	without	250 pcs
bottom hinge pin diam.6	TBLB0010-10001_	Titan Silver	without	1 pc
	TBLB0010-10006_	Titan Silver	without	100 pcs
filling piece H 12/18	700617	Titan Silver	without	1 pc
	275917	Titan Silver	without	500 pcs
filling piece H 12/20	700624	Titan Silver	without	1 pc
	275931	Titan Silver	without	500 pcs
cover cap EL O	FKEO0010-00401_	neutral	RAL9016	1 pc
	FKEO0010-00408_	neutral	RAL9016	500 pcs
cover cap EL U	FKEU0010-00401_	neutral	RAL9016	1 pc
	FKEU0010-00406_	neutral	RAL9016	100 pcs
	FKEU0010-00408_	neutral	RAL9016	500 pcs
cover cap EL-S U	FKEL0010-00401_	neutral	RAL9016	1 pc
	FKEL0010-00408_	neutral	RAL9016	500 pcs

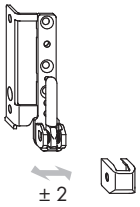
Technical information

Part number	Description	Airgap	rebate width	sash weight	
700488	bot.hinge RFA w.fill.pc.timber 12/18 A0175 rh.	12	18	100 kg	4
700570	bot.hinge RFA w.fill.pc.timber 12/18 A0175 lh.	12	18	100 kg	4
FBEL0031-...	bot.hinge RFA w.fill.pc.timber 12/20 A0175 rh.	12	20	100 kg	4
FBEL0032-...	bot.hinge RFA w.fill.pc.timber 12/20 A0175 lh.	12	20	100 kg	4
FKEU0010-...	cover cap EL U	-	-	-	-



- For jigless frame installation
- Hinge clearance in the over rebate
- For alternative colours of cover caps, see ‘Cover Caps’ page

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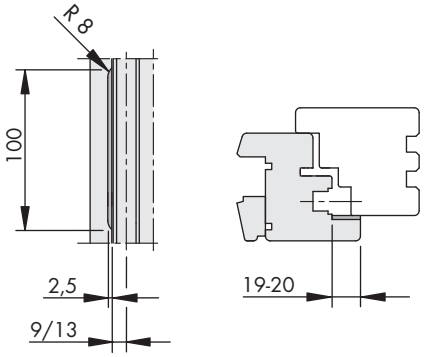


Sales information

Description	Part number	Surface	Colour	Box quantity
bot.hinge RFA w.fill.pc.timber 12/18 A0175 rh.	700488	Titan Silver	without	1 pc
	275757	Titan Silver	without	100 pcs
bot.hinge RFA w.fill.pc.timber 12/18 A0175 lh.	700570	Titan Silver	without	1 pc
	275863	Titan Silver	without	100 pcs
bot.hinge RFA w.fill.pc.timber 12/20 A0175 rh.	FBEL0031-10001_	Titan Silver	without	1 pc
	FBEL0031-10006_	Titan Silver	without	100 pcs
bot.hinge RFA w.fill.pc.timber 12/20 A0175 lh.	FBEL0032-10001_	Titan Silver	without	1 pc
	FBEL0032-10006_	Titan Silver	without	100 pcs
cover cap EL U	FKEU0010-00401_	neutral	RAL9016	1 pc
	FKEU0010-00406_	neutral	RAL9016	100 pcs
	FKEU0010-00408_	neutral	RAL9016	500 pcs

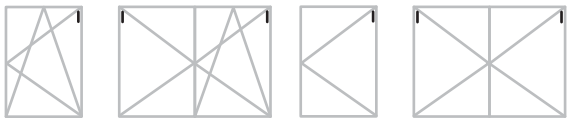
Drill holes and routings

- Sash over rebate routing



Technical information

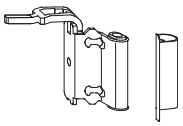
Part number	Description	Airgap	rebate width	Groove axis	sash weight
704257	stay hinge DH timber 12/18-9	12	18	9	130 kg
717806	stay hinge DH timber 12/18-13	12	18	13	130 kg
704264	stay hinge DH timber 12/20-9	12	20	9	130 kg
FBWB0010-...	stay hinge DH timber 12/20-13	12	20	13	130 kg
FKWB0020-...	cover cap W timber	-	-	-	-



- For alternative colours of cover caps, see 'Cover Caps' page

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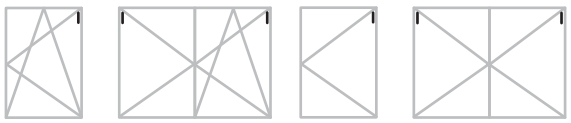


Sales information

Description	Part number	Surface	Colour	Box quantity
stay hinge DH timber 12/18-9	704257	Titan Silver	without	1 pc
	280102	Titan Silver	without	50 pcs
stay hinge DH timber 12/18-13	717806	Titan Silver	without	1 pc
	303313	Titan Silver	without	50 pcs
stay hinge DH timber 12/20-9	704264	Titan Silver	without	1 pc
	280126	Titan Silver	without	50 pcs
stay hinge DH timber 12/20-13	FBWB0010-10001_	Titan Silver	without	1 pc
	FBWB0010-10005_	Titan Silver	without	50 pcs
cover cap W timber	FKWB0020-00401_	neutral	RAL9016	1 pc
	FKWB0020-00408_	neutral	RAL9016	500 pcs

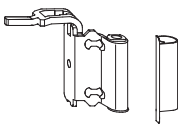
Technical information

Part number	Description	Airgap	rebate width	Groove axis	sash weight
717684	stay hinge RFA DH timber 12/18-9 A0175	12	18	9	130 kg
719862	stay hinge RFA DH timber 12/20-13 A0175	12	20	13	130 kg
FKWB0020-...	cover cap W timber	-	-	-	-



- Hinge clearance in the over rebate
- For alternative colours of cover caps, see ‘Cover Caps’ page

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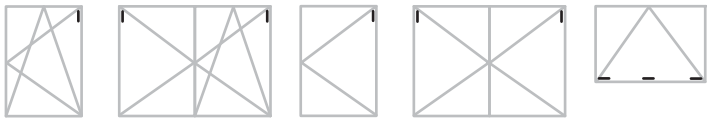


Sales information

Description	Part number	Surface	Colour	Box quantity
stay hinge RFA DH timber 12/18-9 A0175	717684	Titan Silver	without	1 pc
	302859	Titan Silver	without	50 pcs
stay hinge RFA DH timber 12/20-13 A0175	719862	Titan Silver	without	1 pc
	309841	Titan Silver	without	50 pcs
cover cap W timber	FKWB0020-00401_	neutral	RAL9016	1 pc
	FKWB0020-00408_	neutral	RAL9016	500 pcs

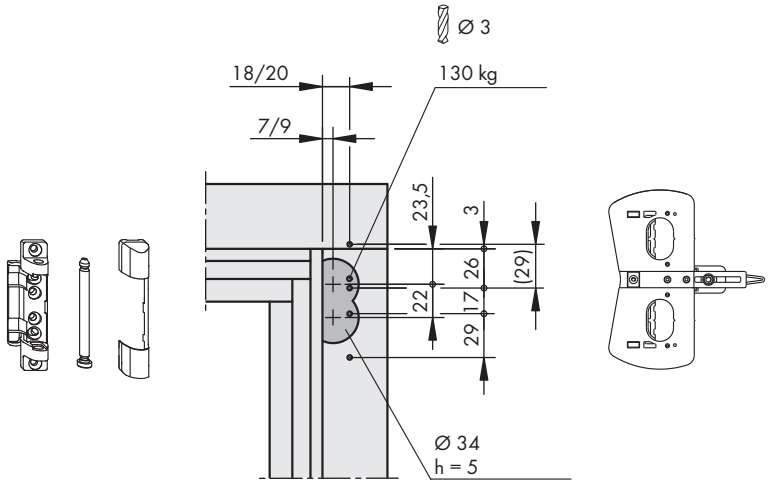
Technical information

Part number	Description	Airgap	rebate width	sash weight	
FBSL0100-...	top hinge DH timber 12/18	12	18	130 kg	6
704219	top hinge DH timber 12/20	12	20	130 kg	6
FBSB0010-...	top hinge pin diam.6	-	-	-	-
FKSL0010-...	cover cap S	-	-	-	-



- Jig, refer to PDB, line item FAFSSE
- For alternative colours of cover caps, see 'Cover Caps' page

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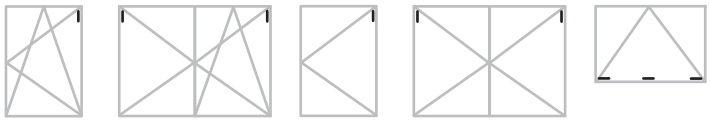


Sales information

Description	Part number	Surface	Colour	Box quantity
top hinge DH timber 12/18	FBSL0100-10001_	Titan Silver	without	1 pc
	FBSL0100-10006_	Titan Silver	without	100 pcs
top hinge DH timber 12/20	704219	Titan Silver	without	1 pc
	280058	Titan Silver	without	100 pcs
top hinge pin diam.6	FBSB0010-10001_	Titan Silver	without	1 pc
	FBSB0010-10006_	Titan Silver	without	100 pcs
	280010	Titan Silver	without	500 pcs
cover cap S	FKSL0010-00401_	neutral	RAL9016	1 pc
	FKSL0010-00406_	neutral	RAL9016	100 pcs
	FKSL0010-00408_	neutral	RAL9016	500 pcs

Technical information

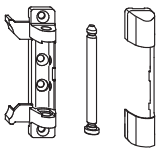
Part number	Description	Airgap	rebate width	sash weight	
704233	top hinge RFA DH timber 12/18	12	18	100 kg	6
FBSL0020-...	top hinge RFA DH timber 12/20	12	20	100 kg	6
FBSB0010-...	top hinge pin diam.6	-	-	-	-
FKSL0050-...	cover cap S RFA A0175	-	-	-	-



- For jigless frame installation
- Hinge clearance in the over rebate
- For alternative colours of cover caps, see 'Cover Caps' page

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 "Wooden profiles for windows and portal doors"

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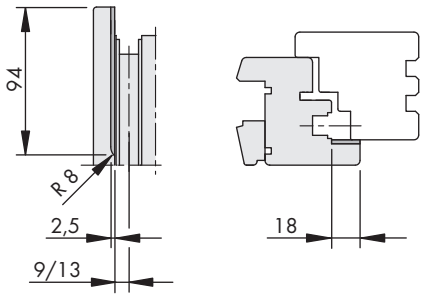


Sales information

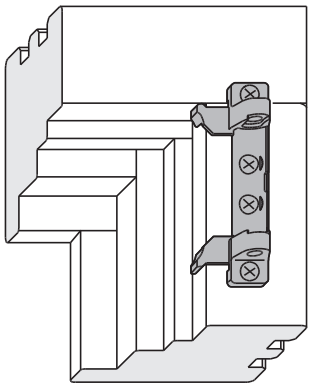
Description	Part number	Surface	Colour	Box quantity
top hinge RFA DH timber 12/18	704233	Titan Silver	without	1 pc
	280089	Titan Silver	without	100 pcs
top hinge RFA DH timber 12/20	FBSL0020-10001_	Titan Silver	without	1 pc
	FBSL0020-10006_	Titan Silver	without	100 pcs
top hinge pin diam.6	FBSB0010-10001_	Titan Silver	without	1 pc
	FBSB0010-10006_	Titan Silver	without	100 pcs
	280010	Titan Silver	without	500 pcs
cover cap S RFA A0175	FKSL0050-00401_	neutral	RAL9016	1 pc
	FKSL0050-00407_	neutral	RAL9016	250 pcs

Drill holes and routings

- Sash over rebate routing

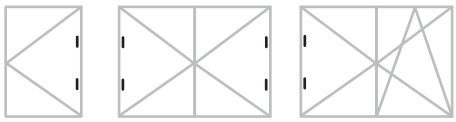


Installation advice



Technical information

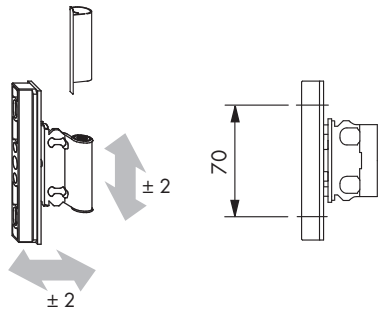
Part number	Description	Airgap	rebate width	Groove axis	
700778	sash hinge timber 12/18-9	12	18	9	2
722312	sash hinge timber 12/18-13	12	18	13	2
700785	sash hinge timber 12/20-9	12	20	9	2
FBFB0010-...	sash hinge timber 12/20-13	12	20	13	2
FKWB0020-...	cover cap W timber	-	-	-	-



- Automatic lateral adjustment of ± 2 mm
- For alternative colours of cover caps, see 'Cover Caps' page

- **Please observe:**
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Sales information

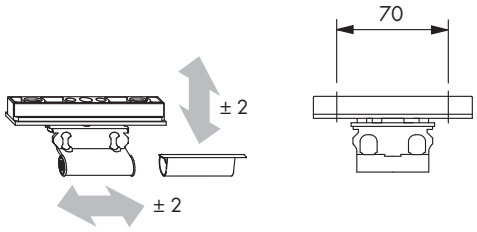
Description	Part number	Surface	Colour	Box quantity
sash hinge timber 12/18-9	700778	Titan Silver	without	1 pc
	276099	Titan Silver	without	50 pcs
sash hinge timber 12/18-13	722312	Titan Silver	without	1 pc
	316047	Titan Silver	without	50 pcs
sash hinge timber 12/20-9	700785	Titan Silver	without	1 pc
	276105	Titan Silver	without	50 pcs
sash hinge timber 12/20-13	FBFB0010-10001_	Titan Silver	without	1 pc
	FBFB0010-10005_	Titan Silver	without	50 pcs
cover cap W timber	FKWB0020-00401_	neutral	RAL9016	1 pc
	FKWB0020-00408_	neutral	RAL9016	500 pcs

Technical information

Part number	Description	Airgap	rebate width	Groove axis	sash weight	
700754	tilt sash hinge timber 12/18-9	12	18	9	50 kg	2
700761	tilt sash hinge timber 12/20-9	12	20	9	50 kg	2
722404	tilt sash hinge timber 12/18-13	12	18	13	50 kg	2
FBKF0010-...	tilt sash hinge timber 12/20-13	12	20	13	50 kg	2
FKWB0020-...	cover cap W timber	-	-	-	-	-

- For alternative colours of cover caps, see ‘Cover Caps’ page

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”



Sales information

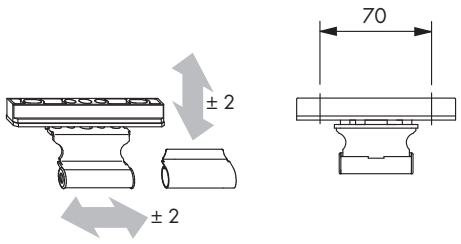
Description	Part number	Surface	Colour	Box quantity
tilt sash hinge timber 12/18-9	700754	Titan Silver	without	1 pc
	276075	Titan Silver	without	50 pcs
tilt sash hinge timber 12/20-9	700761	Titan Silver	without	1 pc
	276082	Titan Silver	without	50 pcs
tilt sash hinge timber 12/18-13	722404	Titan Silver	without	1 pc
	316160	Titan Silver	without	50 pcs
tilt sash hinge timber 12/20-13	FBKF0010-10001_	Titan Silver	without	1 pc
	FBKF0010-10005_	Titan Silver	without	50 pcs
cover cap W timber	FKWB0020-00401_	neutral	RAL9016	1 pc
	FKWB0020-00408_	neutral	RAL9016	500 pcs

Technical information

Part number	Description	Airgap	rebate width	Groove axis	sash weight	
717745	tilt sash hinge RFA timber 12/18-9 A0175	12	18	9	50 kg	2
717752	tilt sash hinge RFA timber 12/20-9 A0175	12	20	9	50 kg	2
FBKF0060-...	tilt sash hinge RFA timber 12/18-13 A0175	12	18	13	50 kg	2
FBKF0040-...	tilt sash hinge RFA timber 12/20-13 A0175	12	20	13	50 kg	2
FKWB0010-...	cover cap W PVC	-	-	-	-	-

- For jigless frame installation
- Hinge clearance in the over rebate
- For alternative colours of cover caps, see 'Cover Caps' page

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 "Wooden profiles for windows and portal doors"

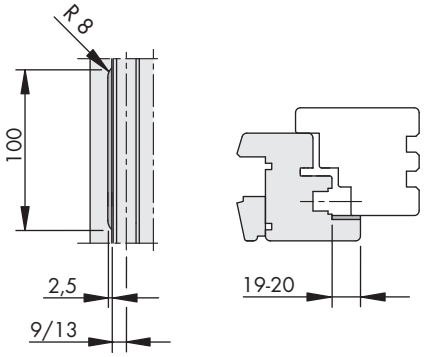


Sales information

Description	Part number	Surface	Colour	Box quantity
tilt sash hinge RFA timber 12/18-9 A0175	717745	Titan Silver	without	1 pc
	303122	Titan Silver	without	50 pcs
tilt sash hinge RFA timber 12/20-9 A0175	717752	Titan Silver	without	1 pc
	303146	Titan Silver	without	50 pcs
tilt sash hinge RFA timber 12/18-13 A0175	FBKF0060-10001_	Titan Silver	without	1 pc
	FBKF0060-10005_	Titan Silver	without	50 pcs
tilt sash hinge RFA timber 12/20-13 A0175	FBKF0040-10001_	Titan Silver	without	1 pc
	FBKF0040-10005_	Titan Silver	without	50 pcs
cover cap W PVC	FKWB0010-00401_	neutral	RAL9016	1 pc
	FKWB0010-00406_	neutral	RAL9016	100 pcs

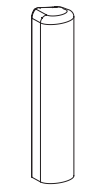
Drill holes and routings

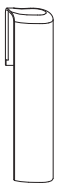
- Sash over rebate routing



Technical information

Part number	Description
FKFE0011-...	cover cap FEB rh.
FKFE0012-...	cover cap FEB lh.
TKFE7011-...	cover cap FEB rh.
TKFE7012-...	cover cap FEB lh.
FKEO0010-...	cover cap EL O
FKEU0010-...	cover cap EL U
FKEL0010-...	cover cap EL-S U
FKEO0020-...	cover cap EL O MB
TKEB0020-...	cover cap EB
FKWB0010-...	cover cap W PVC
FKWB0020-...	cover cap W timber
FKSL0010-...	cover cap S
FKSL0020-...	cover cap S PVC-S
FKSL0050-...	cover cap S RFA A0175


FKFE001_


TKFE701_

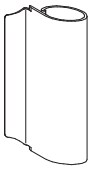

FKEO0010


FKEU0010


FKEL0010

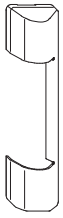

FKEO0020


TKEB0020


FKWB0010


FKWB0020


FKSL0010


FKSL0020


FKSL0050

Sales information

RAL9001			
Description	**Part number**	**Surface**	**Box quantity**
cover cap FEB rh.	FKFE0011-00101_	neutral	1 pc
	FKFE0011-00106_	neutral	100 pcs
	FKFE0011-00108_	neutral	500 pcs
cover cap FEB lh.	FKFE0012-00101_	neutral	1 pc
	FKFE0012-00106_	neutral	100 pcs
	FKFE0012-00108_	neutral	500 pcs
cover cap FEB rh.	TKFE7011-00101_	neutral	1 pc
	TKFE7011-00106_	neutral	100 pcs
cover cap FEB lh.	TKFE7012-00101_	neutral	1 pc
	TKFE7012-00106_	neutral	100 pcs
cover cap EL O	FKEO0010-00101_	neutral	1 pc
	FKEO0010-00106_	neutral	100 pcs
	FKEO0010-00108_	neutral	500 pcs
cover cap EL U	FKEU0010-00101_	neutral	1 pc
	FKEU0010-00106_	neutral	100 pcs
	FKEU0010-00108_	neutral	500 pcs
cover cap EL-S U	FKEL0010-00101_	neutral	1 pc
	FKEL0010-00108_	neutral	500 pcs
cover cap EL O MB	FKEO0020-00101_	neutral	1 pc
	FKEO0020-00106_	neutral	100 pcs
cover cap EB	TKEB0020-00101_	neutral	1 pc
	TKEB0020-00106_	neutral	100 pcs
	TKEB0020-00108_	neutral	500 pcs
cover cap W PVC	FKWB0010-00101_	neutral	1 pc
cover cap W timber	FKWB0020-00101_	neutral	1 pc
	FKWB0020-00108_	neutral	500 pcs
cover cap S	FKSL0010-00101_	neutral	1 pc
	FKSL0010-00106_	neutral	100 pcs
	FKSL0010-00108_	neutral	500 pcs
cover cap S PVC-S	-		
cover cap S RFA A0175	-		
RAL9003			
Description	**Part number**	**Surface**	**Box quantity**
cover cap FEB rh.	FKFE0011-00201_	neutral	1 pc
	FKFE0011-00206_	neutral	100 pcs
	FKFE0011-00208_	neutral	500 pcs
cover cap FEB lh.	FKFE0012-00201_	neutral	1 pc
	FKFE0012-00206_	neutral	100 pcs
	FKFE0012-00208_	neutral	500 pcs
cover cap FEB rh.	TKFE7011-00201_	neutral	1 pc
	TKFE7011-00206_	neutral	100 pcs
cover cap FEB lh.	TKFE7012-00201_	neutral	1 pc
	TKFE7012-00206_	neutral	100 pcs
cover cap EL O	FKEO0010-00201_	neutral	1 pc
	FKEO0010-00206_	neutral	100 pcs
	FKEO0010-00208_	neutral	500 pcs
cover cap EL U	FKEU0010-00201_	neutral	1 pc
	FKEU0010-00206_	neutral	100 pcs
	FKEU0010-00208_	neutral	500 pcs

Sales information

RAL9003			
Description	**Part number**	**Surface**	**Box quantity**
cover cap EL-S U	FKEL0010-00201_	neutral	1 pc
	FKEL0010-00206_	neutral	100 pcs
	FKEL0010-00208_	neutral	500 pcs
cover cap EL O MB	FKEO0020-00201_	neutral	1 pc
	FKEO0020-00206_	neutral	100 pcs
	FKEO0020-00208_	neutral	500 pcs
cover cap EB	TKEB0020-00201_	neutral	1 pc
	TKEB0020-00206_	neutral	100 pcs
cover cap W PVC	-		
cover cap W timber	FKWB0020-00201_	neutral	1 pc
	FKWB0020-00206_	neutral	100 pcs
	FKWB0020-00208_	neutral	500 pcs
cover cap S	FKSL0010-00201_	neutral	1 pc
	FKSL0010-00206_	neutral	100 pcs
	FKSL0010-00208_	neutral	500 pcs
cover cap S PVC-S	FKSL0020-00201_	neutral	1 pc
	FKSL0020-00206_	neutral	100 pcs
	FKSL0020-00207_	neutral	250 pcs
cover cap S RFA A0175	FKSL0050-00201_	neutral	1 pc
	FKSL0050-00206_	neutral	100 pcs
	FKSL0050-00207_	neutral	250 pcs
RAL9016			
Description	**Part number**	**Surface**	**Box quantity**
cover cap FEB rh.	FKFE0011-00401_	neutral	1 pc
	FKFE0011-00408_	neutral	500 pcs
cover cap FEB lh.	FKFE0012-00401_	neutral	1 pc
	FKFE0012-00408_	neutral	500 pcs
cover cap FEB rh.	TKFE7011-00401_	neutral	1 pc
	TKFE7011-00406_	neutral	100 pcs
	TKFE7011-00408_	neutral	500 pcs
cover cap FEB lh.	TKFE7012-00401_	neutral	1 pc
	TKFE7012-00406_	neutral	100 pcs
	TKFE7012-00408_	neutral	500 pcs
cover cap EL O	FKEO0010-00401_	neutral	1 pc
	FKEO0010-00408_	neutral	500 pcs
cover cap EL U	FKEU0010-00401_	neutral	1 pc
	FKEU0010-00406_	neutral	100 pcs
	FKEU0010-00408_	neutral	500 pcs
cover cap EL-S U	FKEL0010-00401_	neutral	1 pc
	FKEL0010-00408_	neutral	500 pcs
cover cap EL O MB	FKEO0020-00401_	neutral	1 pc
	FKEO0020-00406_	neutral	100 pcs
cover cap EB	TKEB0020-00401_	neutral	1 pc
	TKEB0020-00406_	neutral	100 pcs
	TKEB0020-00408_	neutral	500 pcs
cover cap W PVC	-		
cover cap W timber	FKWB0020-00401_	neutral	1 pc
	FKWB0020-00408_	neutral	500 pcs

Sales information

RAL9016			
Description	**Part number**	**Surface**	**Box quantity**
cover cap S	FKSL0010-00401_	neutral	1 pc
	FKSL0010-00406_	neutral	100 pcs
	FKSL0010-00408_	neutral	500 pcs
cover cap S PVC-S	FKSL0020-00401_	neutral	1 pc
	FKSL0020-00406_	neutral	100 pcs
cover cap S RFA A0175	FKSL0050-00401_	neutral	1 pc
	FKSL0050-00407_	neutral	250 pcs
RAL1013			
Description	**Part number**	**Surface**	**Box quantity**
cover cap FEB rh.	FKFE0011-00501_	neutral	1 pc
	FKFE0011-00506_	neutral	100 pcs
cover cap FEB lh.	FKFE0012-00501_	neutral	1 pc
	FKFE0012-00506_	neutral	100 pcs
cover cap FEB rh.	-		
cover cap FEB lh.	-		
cover cap EL O	FKEO0010-00501_	neutral	1 pc
	FKEO0010-00506_	neutral	100 pcs
cover cap EL U	FKEU0010-00501_	neutral	1 pc
	FKEU0010-00506_	neutral	100 pcs
cover cap EL-S U	FKEL0010-00501_	neutral	1 pc
	FKEL0010-00506_	neutral	100 pcs
cover cap EL O MB	FKEO0020-00501_	neutral	1 pc
	FKEO0020-00506_	neutral	100 pcs
cover cap EB	TKEB0020-00501_	neutral	1 pc
	TKEB0020-00506_	neutral	100 pcs
cover cap W PVC	-		
cover cap W timber	-		
cover cap S	FKSL0010-00501_	neutral	1 pc
	FKSL0010-00506_	neutral	100 pcs
cover cap S PVC-S	FKSL0020-00501_	neutral	1 pc
	FKSL0020-00506_	neutral	100 pcs
cover cap S RFA A0175	-		
RAL8019			
Description	**Part number**	**Surface**	**Box quantity**
cover cap FEB rh.	FKFE0011-01101_	neutral	1 pc
	FKFE0011-01106_	neutral	100 pcs
	FKFE0011-01108_	neutral	500 pcs
cover cap FEB lh.	FKFE0012-01101_	neutral	1 pc
	FKFE0012-01106_	neutral	100 pcs
	FKFE0012-01108_	neutral	500 pcs
cover cap FEB rh.	TKFE7011-01101_	neutral	1 pc
	TKFE7011-01106_	neutral	100 pcs
cover cap FEB lh.	TKFE7012-01101_	neutral	1 pc
	TKFE7012-01106_	neutral	100 pcs
cover cap EL O	FKEO0010-01101_	neutral	1 pc
	FKEO0010-01106_	neutral	100 pcs
	FKEO0010-01108_	neutral	500 pcs
cover cap EL U	FKEU0010-01101_	neutral	1 pc
	FKEU0010-01106_	neutral	100 pcs
	FKEU0010-01108_	neutral	500 pcs

Sales information

RAL8019			
Description	**Part number**	**Surface**	**Box quantity**
cover cap EL-S U	FKEL0010-01101_	neutral	1 pc
	FKEL0010-01106_	neutral	100 pcs
	FKEL0010-01108_	neutral	500 pcs
cover cap EL O MB	FKEO0020-01101_	neutral	1 pc
	FKEO0020-01106_	neutral	100 pcs
cover cap EB	TKEB0020-01101_	neutral	1 pc
	TKEB0020-01106_	neutral	100 pcs
cover cap W PVC	-		
cover cap W timber	FKWB0020-01101_	neutral	1 pc
	FKWB0020-01108_	neutral	500 pcs
cover cap S	FKSL0010-01101_	neutral	1 pc
	FKSL0010-01106_	neutral	100 pcs
	FKSL0010-01108_	neutral	500 pcs
cover cap S PVC-S	FKSL0020-01101_	neutral	1 pc
	FKSL0020-01107_	neutral	250 pcs
cover cap S RFA A0175	FKSL0050-01101_	neutral	1 pc
	FKSL0050-01107_	neutral	250 pcs
RAL8022			
Description	**Part number**	**Surface**	**Box quantity**
cover cap FEB rh.	FKFE0011-01201_	neutral	1 pc
	FKFE0011-01206_	neutral	100 pcs
cover cap FEB lh.	FKFE0012-01201_	neutral	1 pc
	FKFE0012-01206_	neutral	100 pcs
cover cap FEB rh.	TKFE7011-01201_	neutral	1 pc
	TKFE7011-01206_	neutral	100 pcs
	TKFE7011-01208_	neutral	500 pcs
cover cap FEB lh.	TKFE7012-01201_	neutral	1 pc
	TKFE7012-01206_	neutral	100 pcs
	TKFE7012-01208_	neutral	500 pcs
cover cap EL O	FKEO0010-01201_	neutral	1 pc
	FKEO0010-01208_	neutral	500 pcs
cover cap EL U	FKEU0010-01201_	neutral	1 pc
	FKEU0010-01206_	neutral	100 pcs
cover cap EL-S U	FKEL0010-01201_	neutral	1 pc
	FKEL0010-01206_	neutral	100 pcs
	FKEL0010-01208_	neutral	500 pcs
cover cap EL O MB	FKEO0020-01201_	neutral	1 pc
	FKEO0020-01206_	neutral	100 pcs
cover cap EB	TKEB0020-01201_	neutral	1 pc
	TKEB0020-01206_	neutral	100 pcs
	TKEB0020-01208_	neutral	500 pcs
cover cap W PVC	-		
cover cap W timber	FKWB0020-01201_	neutral	1 pc
	FKWB0020-01208_	neutral	500 pcs
cover cap S	FKSL0010-01201_	neutral	1 pc
	FKSL0010-01206_	neutral	100 pcs
cover cap S PVC-S	FKSL0020-01201_	neutral	1 pc
	FKSL0020-01206_	neutral	100 pcs
cover cap S RFA A0175	FKSL0050-01201_	neutral	1 pc
	FKSL0050-01207_	neutral	250 pcs

Sales information

RAL9005			
Description	**Part number**	**Surface**	**Box quantity**
cover cap FEB rh.	FKFE0011-02301_	neutral	1 pc
	FKFE0011-02306_	neutral	100 pcs
cover cap FEB lh.	FKFE0012-02301_	neutral	1 pc
	FKFE0012-02306_	neutral	100 pcs
cover cap FEB rh.	TKFE7011-02301_	neutral	1 pc
	TKFE7011-02306_	neutral	100 pcs
cover cap FEB lh.	TKFE7012-02301_	neutral	1 pc
	TKFE7012-02306_	neutral	100 pcs
cover cap EL O	FKEO0010-02301_	neutral	1 pc
	FKEO0010-02306_	neutral	100 pcs
cover cap EL U	FKEU0010-02301_	neutral	1 pc
	FKEU0010-02306_	neutral	100 pcs
cover cap EL-S U	FKEL0010-02301_	neutral	1 pc
	FKEL0010-02306_	neutral	100 pcs
cover cap EL O MB	FKEO0020-02301_	neutral	100 pcs
	FKEO0020-02306_	neutral	100 pcs
cover cap EB	TKEB0020-02301_	neutral	1 pc
	TKEB0020-02306_	neutral	100 pcs
cover cap W PVC	-		
cover cap W timber	FKWB0020-02301_	neutral	1 pc
	FKWB0020-02306_	neutral	100 pcs
cover cap S	FKSL0010-02301_	neutral	1 pc
	FKSL0010-02306_	neutral	100 pcs
cover cap S PVC-S	FKSL0020-02301_	neutral	1 pc
	FKSL0020-02306_	neutral	100 pcs
cover cap S RFA A0175	-		
EV1/EV1			
Description	**Part number**	**Surface**	**Box quantity**
cover cap FEB rh.	FKFE0011-L2401_	lacquered	1 pc
	FKFE0011-L2408_	lacquered	500 pcs
cover cap FEB lh.	FKFE0012-L2401_	lacquered	1 pc
	FKFE0012-L2408_	lacquered	500 pcs
cover cap FEB rh.	TKFE7011-L2401_	lacquered	1 pc
	TKFE7011-L2406_	lacquered	100 pcs
	TKFE7011-L2408_	lacquered	500 pcs
cover cap FEB lh.	TKFE7012-L2401_	lacquered	1 pc
	TKFE7012-L2406_	lacquered	100 pcs
	TKFE7012-L2408_	lacquered	500 pcs
cover cap EL O	FKEO0010-L2401_	lacquered	1 pc
	FKEO0010-L2408_	lacquered	500 pcs
cover cap EL U	FKEU0010-L2401_	lacquered	1 pc
	FKEU0010-L2406_	lacquered	100 pcs
cover cap EL-S U	FKEL0010-L2401_	lacquered	1 pc
	FKEL0010-L2406_	lacquered	100 pcs
cover cap EL O MB	FKEO0020-L2401_	lacquered	1 pc
	FKEO0020-L2406_	lacquered	100 pcs
cover cap EB	TKEB0020-L2401_	lacquered	1 pc
	TKEB0020-L2406_	lacquered	100 pcs
cover cap W PVC	-		

Sales information

EV1/EV1			
Description	**Part number**	**Surface**	**Box quantity**
cover cap W timber	FKWB0020-L2401_	lacquered	1 pc
	FKWB0020-L2408_	lacquered	500 pcs
cover cap S	FKSL0010-L2401_	lacquered	1 pc
	FKSL0010-L2406_	lacquered	100 pcs
cover cap S PVC-S	FKSL0020-L2401_	lacquered	1 pc
	FKSL0020-L2406_	lacquered	100 pcs
cover cap S RFA A0175	FKSL0050-L2401_	lacquered	1 pc
	FKSL0050-L2407_	lacquered	250 pcs
Si-silver			
Description	**Part number**	**Surface**	**Box quantity**
cover cap FEB rh.	FKFE0011-L2501_	lacquered	1 pc
	FKFE0011-L2506_	lacquered	100 pcs
	FKFE0011-L2508_	lacquered	500 pcs
cover cap FEB lh.	FKFE0012-L2501_	lacquered	1 pc
	FKFE0012-L2506_	lacquered	100 pcs
	FKFE0012-L2508_	lacquered	500 pcs
cover cap FEB rh.	TKFE7011-L2501_	lacquered	1 pc
	TKFE7011-L2506_	lacquered	100 pcs
cover cap FEB lh.	TKFE7012-L2501_	lacquered	1 pc
	TKFE7012-L2506_	lacquered	100 pcs
cover cap EL O	FKEO0010-L2501_	lacquered	1 pc
	FKEO0010-L2506_	lacquered	100 pcs
	FKEO0010-L2508_	lacquered	500 pcs
cover cap EL U	FKEU0010-L2501_	lacquered	1 pc
	FKEU0010-L2506_	lacquered	100 pcs
	FKEU0010-L2508_	lacquered	500 pcs
cover cap EL-S U	FKEL0010-L2501_	lacquered	1 pc
	FKEL0010-L2506_	lacquered	100 pcs
cover cap EL O MB	FKEO0020-L2501_	lacquered	100 pcs
	FKEO0020-L2506_	lacquered	100 pcs
cover cap EB	TKEB0020-L2501_	lacquered	1 pc
	TKEB0020-L2506_	lacquered	100 pcs
cover cap W PVC	-		
cover cap W timber	FKWB0020-L2501_	lacquered	1 pc
	FKWB0020-L2506_	lacquered	100 pcs
	FKWB0020-L2508_	lacquered	500 pcs
cover cap S	FKSL0010-L2501_	lacquered	1 pc
	FKSL0010-L2506_	lacquered	100 pcs
	FKSL0010-L2508_	lacquered	500 pcs
cover cap S PVC-S	FKSL0020-L2501_	lacquered	1 pc
	FKSL0020-L2506_	lacquered	100 pcs
cover cap S RFA A0175	FKSL0050-L2501_	lacquered	1 pc
	FKSL0050-L2507_	lacquered	250 pcs
EV2 champagne			
Description	**Part number**	**Surface**	**Box quantity**
cover cap FEB rh.	-		
cover cap FEB lh.	-		
cover cap FEB rh.	-		
cover cap FEB lh.	-		
cover cap EL O	-		

Sales information

EV2 champagne			
Description	**Part number**	**Surface**	**Box quantity**
cover cap EL U	FKEU0010-L2601_	lacquered	1 pc
	FKEU0010-L2606_	lacquered	100 pcs
cover cap EL-S U	-		
cover cap EL O MB	-		
cover cap EB	TKEB0020-L2601_	lacquered	1 pc
	TKEB0020-L2606_	lacquered	100 pcs
cover cap W PVC	-		
cover cap W timber	-		
cover cap S	FKSL0010-L2601_	lacquered	1 pc
	FKSL0010-L2606_	lacquered	100 pcs
cover cap S PVC-S	-		
cover cap S RFA A0175	-		
Si-champagne			
Description	**Part number**	**Surface**	**Box quantity**
cover cap FEB rh.	FKFE0011-02701_	neutral	1 pc
	FKFE0011-02708_	neutral	500 pcs
cover cap FEB lh.	FKFE0012-02701_	neutral	1 pc
	FKFE0012-02708_	neutral	500 pcs
cover cap FEB rh.	TKFE7011-02701_	neutral	1 pc
	TKFE7011-02706_	neutral	100 pcs
cover cap FEB lh.	TKFE7012-02701_	neutral	1 pc
	TKFE7012-02706_	neutral	100 pcs
cover cap EL O	FKEO0010-02701_	neutral	1 pc
	FKEO0010-02708_	neutral	500 pcs
cover cap EL U	FKEU0010-02701_	neutral	1 pc
	FKEU0010-02708_	neutral	500 pcs
cover cap EL-S U	FKEL0010-02701_	neutral	1 pc
	FKEL0010-02706_	neutral	100 pcs
cover cap EL O MB	-		
cover cap EB	TKEB0020-02701_	neutral	1 pc
	TKEB0020-02706_	neutral	100 pcs
cover cap W PVC	-		
cover cap W timber	FKWB0020-02701_	neutral	1 pc
	FKWB0020-02708_	neutral	500 pcs
cover cap S	FKSL0010-02701_	neutral	1 pc
	FKSL0010-02708_	neutral	500 pcs
cover cap S PVC-S	-		
cover cap S RFA A0175	-		
Si-mid.bronze			
Description	**Part number**	**Surface**	**Box quantity**
cover cap FEB rh.	FKFE0011-03101_	neutral	1 pc
	FKFE0011-03106_	neutral	100 pcs
cover cap FEB lh.	FKFE0012-03101_	neutral	1 pc
	FKFE0012-03106_	neutral	100 pcs
cover cap FEB rh.	TKFE7011-03101_	neutral	1 pc
	TKFE7011-03106_	neutral	100 pcs
cover cap FEB lh.	TKFE7012-03101_	neutral	1 pc
	TKFE7012-03106_	neutral	100 pcs
cover cap EL O	FKEO0010-03101_	neutral	1 pc
	FKEO0010-03106_	neutral	100 pcs

Sales information

Si-mid.bronze			
Description	**Part number**	**Surface**	**Box quantity**
cover cap EL U	FKEU0010-03101_	neutral	1 pc
	FKEU0010-03106_	neutral	100 pcs
cover cap EL-S U	FKEL0010-03101_	neutral	1 pc
	FKEL0010-03106_	neutral	100 pcs
cover cap EL O MB	-		
cover cap EB	TKEB0020-03101_	neutral	1 pc
	TKEB0020-03106_	neutral	100 pcs
cover cap W PVC	-		
cover cap W timber	FKWB0020-03101_	neutral	1 pc
	FKWB0020-03106_	neutral	100 pcs
cover cap S	FKSL0010-03101_	neutral	1 pc
	FKSL0010-03106_	neutral	100 pcs
cover cap S PVC-S	-		
cover cap S RFA A0175	FKSL0050-03101_	neutral	1 pc
	FKSL0050-03107_	neutral	250 pcs
titan m. bright			
Description	**Part number**	**Surface**	**Box quantity**
cover cap FEB rh.	FKFE0011-L3401_	lacquered	1 pc
	FKFE0011-L3406_	lacquered	100 pcs
cover cap FEB lh.	FKFE0012-L3401_	lacquered	1 pc
	FKFE0012-L3406_	lacquered	100 pcs
cover cap FEB rh.	TKFE7011-L3401_	lacquered	1 pc
	TKFE7011-L3406_	lacquered	100 pcs
cover cap FEB lh.	TKFE7012-L3401_	lacquered	1 pc
	TKFE7012-L3406_	lacquered	100 pcs
cover cap EL O	FKEO0010-L3401_	lacquered	1 pc
	FKEO0010-L3406_	lacquered	100 pcs
cover cap EL U	FKEU0010-L3401_	lacquered	1 pc
	FKEU0010-L3406_	lacquered	100 pcs
cover cap EL-S U	FKEL0010-L3401_	lacquered	1 pc
	FKEL0010-L3406_	lacquered	100 pcs
cover cap EL O MB	-		
cover cap EB	TKEB0020-L3401_	lacquered	1 pc
	TKEB0020-L3406_	lacquered	100 pcs
cover cap W PVC	-		
cover cap W timber	FKWB0020-L3401_	lacquered	1 pc
	FKWB0020-L3406_	lacquered	100 pcs
cover cap S	FKSL0010-L3401_	lacquered	1 pc
	FKSL0010-L3406_	lacquered	100 pcs
cover cap S PVC-S	FKSL0020-L3401_	lacquered	1 pc
	FKSL0020-L3406_	lacquered	100 pcs
cover cap S RFA A0175	FKSL0050-L3401_	lacquered	1 pc
titan m. dark			
Description	**Part number**	**Surface**	**Box quantity**
cover cap FEB rh.	FKFE0011-L3501_	lacquered	1 pc
	FKFE0011-L3506_	lacquered	100 pcs
cover cap FEB lh.	FKFE0012-L3501_	lacquered	1 pc
	FKFE0012-L3506_	lacquered	100 pcs
cover cap FEB rh.	TKFE7011-L3501_	lacquered	1 pc
	TKFE7011-L3506_	lacquered	100 pcs

Sales information

titan m. dark			
Description	**Part number**	**Surface**	**Box quantity**
cover cap FEB lh.	TKFE7012-L3501_	lacquered	1 pc
	TKFE7012-L3506_	lacquered	100 pcs
cover cap EL O	FKEO0010-L3501_	lacquered	1 pc
	FKEO0010-L3506_	lacquered	100 pcs
cover cap EL U	FKEU0010-L3501_	lacquered	1 pc
	FKEU0010-L3506_	lacquered	100 pcs
cover cap EL-S U	FKEL0010-L3501_	lacquered	1 pc
	FKEL0010-L3506_	lacquered	100 pcs
cover cap EL O MB	-		
cover cap EB	TKEB0020-L3501_	lacquered	1 pc
	TKEB0020-L3506_	lacquered	100 pcs
cover cap W PVC	-		
cover cap W timber	FKWB0020-L3501_	lacquered	1 pc
	FKWB0020-L3506_	lacquered	100 pcs
cover cap S	FKSL0010-L3501_	lacquered	1 pc
	FKSL0010-L3506_	lacquered	100 pcs
cover cap S PVC-S	FKSL0020-L3501_	lacquered	1 pc
	FKSL0020-L3506_	lacquered	100 pcs
cover cap S RFA A0175	-		
matt gold			
Description	**Part number**	**Surface**	**Box quantity**
cover cap FEB rh.	FKFE0011-L3701_	lacquered	1 pc
	FKFE0011-L3706_	lacquered	100 pcs
cover cap FEB lh.	FKFE0012-L3701_	lacquered	1 pc
	FKFE0012-L3706_	lacquered	100 pcs
cover cap FEB rh.	TKFE7011-L3701_	lacquered	1 pc
	TKFE7011-L3706_	lacquered	100 pcs
cover cap FEB lh.	TKFE7012-L3701_	lacquered	1 pc
	TKFE7012-L3706_	lacquered	100 pcs
cover cap EL O	FKEO0010-L3701_	lacquered	1 pc
	FKEO0010-L3706_	lacquered	100 pcs
cover cap EL U	FKEU0010-L3701_	lacquered	1 pc
	FKEU0010-L3706_	lacquered	100 pcs
cover cap EL-S U	FKEL0010-L3701_	lacquered	1 pc
	FKEL0010-L3706_	lacquered	100 pcs
cover cap EL O MB	-		
cover cap EB	TKEB0020-L3701_	lacquered	1 pc
	TKEB0020-L3706_	lacquered	100 pcs
cover cap W PVC	-		
cover cap W timber	FKWB0020-L3701_	lacquered	1 pc
	FKWB0020-L3706_	lacquered	100 pcs
cover cap S	FKSL0010-L3701_	lacquered	1 pc
	FKSL0010-L3706_	lacquered	100 pcs
cover cap S PVC-S	-		
cover cap S RFA A0175	-		
gold shining			
Description	**Part number**	**Surface**	**Box quantity**
cover cap FEB rh.	FKFE0011-L3801_	lacquered	1 pc
	FKFE0011-L3806_	lacquered	100 pcs

Sales information

gold shining			
Description	**Part number**	**Surface**	**Box quantity**
cover cap FEB lh.	FKFE0012-L3801_	lacquered	1 pc
	FKFE0012-L3806_	lacquered	100 pcs
cover cap FEB rh.	TKFE7011-L3801_	lacquered	1 pc
	TKFE7011-L3806_	lacquered	100 pcs
cover cap FEB lh.	TKFE7012-L3801_	lacquered	1 pc
	TKFE7012-L3806_	lacquered	100 pcs
cover cap EL O	FKEO0010-L3801_	lacquered	1 pc
	FKEO0010-L3806_	lacquered	100 pcs
cover cap EL U	FKEU0010-L3801_	lacquered	1 pc
	FKEU0010-L3806_	lacquered	100 pcs
cover cap EL-S U	FKEL0010-L3801_	lacquered	1 pc
	FKEL0010-L3806_	lacquered	100 pcs
cover cap EL O MB	FKEO0020-L3801_	lacquered	1 pc
	FKEO0020-L3806_	lacquered	100 pcs
cover cap EB	TKEB0020-L3801_	lacquered	1 pc
	TKEB0020-L3806_	lacquered	100 pcs
cover cap W PVC	-		
cover cap W timber	FKWB0020-L3801_	lacquered	1 pc
	FKWB0020-L3806_	lacquered	100 pcs
cover cap S	FKSL0010-L3801_	lacquered	1 pc
	FKSL0010-L3806_	lacquered	100 pcs
cover cap S PVC-S	FKSL0020-L3801_	lacquered	1 pc
	FKSL0020-L3806_	lacquered	100 pcs
cover cap S RFA A0175	-		
RAL8003			
Description	**Part number**	**Surface**	**Box quantity**
cover cap FEB rh.	FKFE0011-0E901_	neutral	1 pc
	FKFE0011-0E906_	neutral	100 pcs
cover cap FEB lh.	FKFE0012-0E901_	neutral	1 pc
	FKFE0012-0E906_	neutral	100 pcs
cover cap FEB rh.	-		
cover cap FEB lh.	-		
cover cap EL O	FKEO0010-0E901_	neutral	1 pc
	FKEO0010-0E908_	neutral	500 pcs
cover cap EL U	FKEU0010-0E901_	neutral	1 pc
	FKEU0010-0E906_	neutral	100 pcs
	FKEU0010-0E908_	neutral	500 pcs
cover cap EL-S U	FKEL0010-0E901_	neutral	1 pc
	FKEL0010-0E906_	neutral	100 pcs
cover cap EL O MB	FKEO0020-0E901_	neutral	1 pc
	FKEO0020-0E906_	neutral	100 pcs
cover cap EB	TKEB0020-0E901_	neutral	1 pc
	TKEB0020-0E906_	neutral	100 pcs
cover cap W PVC	-		
cover cap W timber	-		
cover cap S	FKSL0010-0E901_	neutral	1 pc
	FKSL0010-0E906_	neutral	100 pcs
cover cap S PVC-S	FKSL0020-0E901_	neutral	1 pc
	FKSL0020-0E906_	neutral	100 pcs
cover cap S RFA A0175	-		

Sales information

dark bronze			
Description	**Part number**	**Surface**	**Box quantity**
cover cap FEB rh.	FKFE0011-LG701_	lacquered	1 pc
	FKFE0011-LG708_	lacquered	500 pcs
cover cap FEB lh.	FKFE0012-LG701_	lacquered	1 pc
	FKFE0012-LG708_	lacquered	500 pcs
cover cap FEB rh.	TKFE7011-LG701_	lacquered	1 pc
	TKFE7011-LG706_	lacquered	100 pcs
cover cap FEB lh.	TKFE7012-LG701_	lacquered	1 pc
	TKFE7012-LG706_	lacquered	100 pcs
cover cap EL O	FKEO0010-LG701_	lacquered	1 pc
	FKEO0010-LG708_	lacquered	500 pcs
cover cap EL U	FKEU0010-LG701_	lacquered	1 pc
	FKEU0010-LG708_	lacquered	500 pcs
cover cap EL-S U	FKEL0010-LG701_	lacquered	1 pc
	FKEL0010-LG708_	lacquered	500 pcs
cover cap EL O MB	-		
cover cap EB	TKEB0020-LG701_	lacquered	100 pcs
	TKEB0020-LG706_	lacquered	100 pcs
cover cap W PVC	-		
cover cap W timber	FKWB0020-LG701_	lacquered	1 pc
	FKWB0020-LG708_	lacquered	500 pcs
cover cap S	FKSL0010-LG701_	lacquered	1 pc
	FKSL0010-LG708_	lacquered	500 pcs
cover cap S PVC-S	FKSL0020-LG701_	lacquered	1 pc
	FKSL0020-LG708_	lacquered	500 pcs
cover cap S RFA A0175	-		
SI-old gold			
Description	**Part number**	**Surface**	**Box quantity**
cover cap FEB rh.	FKFE0011-0H001_	neutral	1 pc
	FKFE0011-0H006_	neutral	100 pcs
cover cap FEB lh.	FKFE0012-0H001_	neutral	1 pc
	FKFE0012-0H006_	neutral	100 pcs
cover cap FEB rh.	TKFE7011-0H001_	neutral	1 pc
	TKFE7011-0H006_	neutral	100 pcs
cover cap FEB lh.	TKFE7012-0H001_	neutral	1 pc
	TKFE7012-0H006_	neutral	100 pcs
cover cap EL O	FKEO0010-0H001_	neutral	1 pc
	FKEO0010-0H006_	neutral	100 pcs
	FKEO0010-LH001_	lacquered	1 pc
	FKEO0010-LH006_	lacquered	100 pcs
cover cap EL U	FKEU0010-LH001_	lacquered	1 pc
	FKEU0010-LH006_	lacquered	100 pcs
cover cap EL-S U	FKEL0010-0H001_	neutral	1 pc
	FKEL0010-0H006_	neutral	100 pcs
	FKEL0010-LH001_	lacquered	1 pc
	FKEL0010-LH006_	lacquered	100 pcs
cover cap EL O MB	FKEO0020-0H001_	neutral	100 pcs
	FKEO0020-0H006_	neutral	100 pcs
cover cap EB	TKEB0020-LH001_	lacquered	1 pc
	TKEB0020-LH006_	lacquered	100 pcs
cover cap W PVC	-		

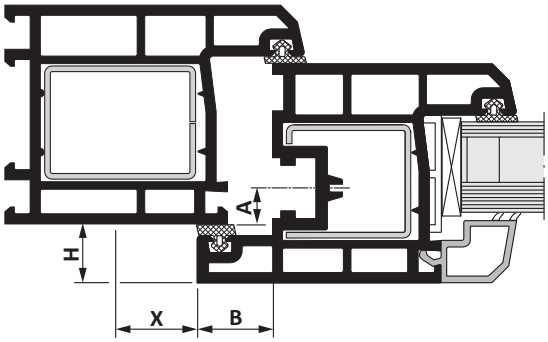
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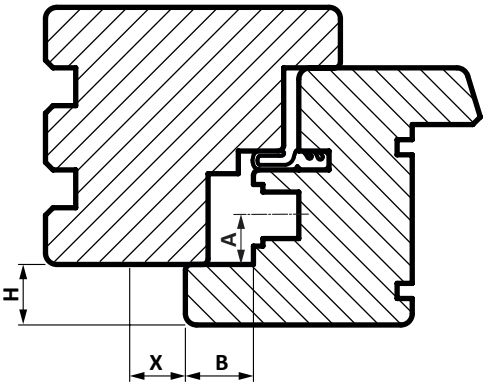
SI-old gold			
Description	**Part number**	**Surface**	**Box quantity**
cover cap W timber	FKWB0020-0H001_	neutral	1 pc
	FKWB0020-0H006_	neutral	100 pcs
cover cap S	FKSL0010-0H001_	neutral	1 pc
	FKSL0010-0H006_	neutral	100 pcs
	FKSL0010-LH001_	lacquered	1 pc
	FKSL0010-LH006_	lacquered	100 pcs
cover cap S PVC-S	FKSL0020-0H001_	neutral	1 pc
	FKSL0020-0H006_	neutral	100 pcs
cover cap S RFA A0175	FKSL0050-LH001_	lacquered	1 pc
	FKSL0050-LH006_	lacquered	100 pcs
F9 titan m. dark			
Description	**Part number**	**Surface**	**Box quantity**
cover cap FEB rh.	FKFE0011-LH401_	lacquered	1 pc
	FKFE0011-LH408_	lacquered	500 pcs
cover cap FEB lh.	FKFE0012-LH401_	lacquered	1 pc
	FKFE0012-LH408_	lacquered	500 pcs
cover cap FEB rh.	TKFE7011-LH401_	lacquered	1 pc
	TKFE7011-LH406_	lacquered	100 pcs
cover cap FEB lh.	TKFE7012-LH401_	lacquered	1 pc
	TKFE7012-LH406_	lacquered	100 pcs
cover cap EL O	FKEO0010-LH401_	lacquered	1 pc
	FKEO0010-LH408_	lacquered	500 pcs
cover cap EL U	FKEU0010-LH401_	lacquered	1 pc
	FKEU0010-LH408_	lacquered	500 pcs
cover cap EL-S U	FKEL0010-LH401_	lacquered	1 pc
	FKEL0010-LH406_	lacquered	100 pcs
	FKEL0010-LH408_	lacquered	500 pcs
cover cap EL O MB	FKEO0020-LH401_	lacquered	1 pc
	FKEO0020-LH406_	lacquered	100 pcs
cover cap EB	TKEB0020-LH401_	lacquered	1 pc
	TKEB0020-LH406_	lacquered	100 pcs
cover cap W PVC	-		
cover cap W timber	FKWB0020-LH401_	lacquered	1 pc
	FKWB0020-LH408_	lacquered	500 pcs
cover cap S	FKSL0010-LH401_	lacquered	1 pc
	FKSL0010-LH408_	lacquered	500 pcs
cover cap S PVC-S	FKSL0020-LH401_	lacquered	1 pc
	FKSL0020-LH406_	lacquered	100 pcs
cover cap S RFA A0175	FKSL0050-LH401_	lacquered	1 pc
	FKSL0050-LH406_	lacquered	100 pcs

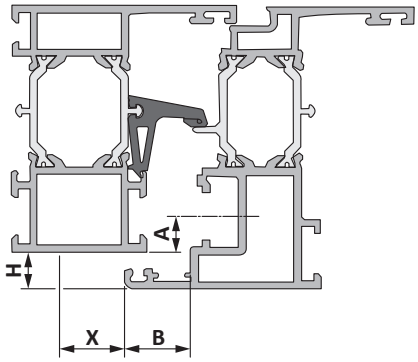
Description	Material	Page
window frame clearance		8 - 4
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drill holes and routing base plate 24 - groove axis 9 mm		8 - 6
drill holes base plate 30 - groove axis 13 mm		8 - 7
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bottom hinge AX 24 D8	TBEV4061, TBEV4062, TBEV4051, TBEV4052, TBAV4010, TKEL4021, TKEL4022	8 - 12
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stay sash part FAV AX	FSSV4000, FSSV4010, FSSV4020, FSSV4030	8 - 21
stay sash part DF AX	TSSV3020	8 - 23
stay arm AX 24	TSAV4111, TSAV4112, TSAV4011, TSAV4012, TSAV4121, TSAV4122, TSAV4021, TSAV4022, TSAV4131, TSAV4132, TSAV4031, TSAV4032, TSAV4141, TSAV4142, TSAV4041, TSAV4042	8 - 24
stay arm AX 30	TSAV4211, TSAV4212, TSAV4221, TSAV4222, TSAV4231, TSAV4232, TSAV4241, TSAV4242	8 - 26

Description	Material	Page
stay arm AX 34	TSAV4911, TSAV4912, TSAV4921, TSAV4922, TSAV4931, TSAV4932, TSAV4941, TSAV4942	8 - 28
stay arm AX 24 C	TSAV4411, TSAV4412, TSAV4811, TSAV4812, TSAV4511, TSAV4512, TSAV4711, TSAV4712, TSAV4611, TSAV4612, TSAV4421, TSAV4422, TSAV4821, TSAV4822, TSAV4521, TSAV4522, TSAV4721, TSAV4722, TSAV4621, TSAV4622, TSAV4431, TSAV4432, TSAV4831, TSAV4832, TSAV4531, TSAV4532, TSAV4731, TSAV4732, TSAV4631, TSAV4632, TSAV4441, TSAV4442, TSAV4841, TSAV4842, TSAV4541, TSAV4542, TSAV4741, TSAV4742, TSAV4641, TSAV4642	8 - 30
stay arm TBT AX 24	TSAV4151, TSAV4152, TSAV4051, TSAV4052, TSAV4161, TSAV4162, TSAV4061, TSAV4062, TSAV4171, TSAV4172, TSAV4071, TSAV4072, TSAV4181, TSAV4182, TSAV4081, TSAV4082	8 - 34
stay arm TBT AX 30	TSAV4251, TSAV4252, TSAV4261, TSAV4262, TSAV4271, TSAV4272, TSAV4281, TSAV4282	8 - 36
stay arm TBT AX 34	TSAV4951, TSAV4952, TSAV4961, TSAV4962, TSAV4971, TSAV4972, TSAV4981, TSAV4982	8 - 38
stay arm TBT AX 24 C	TSAV4451, TSAV4452, TSAV4851, TSAV4852, TSAV4551, TSAV4552, TSAV4751, TSAV4752, TSAV4651, TSAV4652, TSAV4461, TSAV4462, TSAV4861, TSAV4862, TSAV4561, TSAV4562, TSAV4761, TSAV4762, TSAV4661, TSAV4662, TSAV4471, TSAV4472, TSAV4871, TSAV4872, TSAV4571, TSAV4572, TSAV4771, TSAV4772, TSAV4671, TSAV4672, TSAV4481, TSAV4482, TSAV4881, TSAV4882, TSAV4581, TSAV4582, TSAV4781, TSAV4782, TSAV4681, TSAV4682	8 - 40

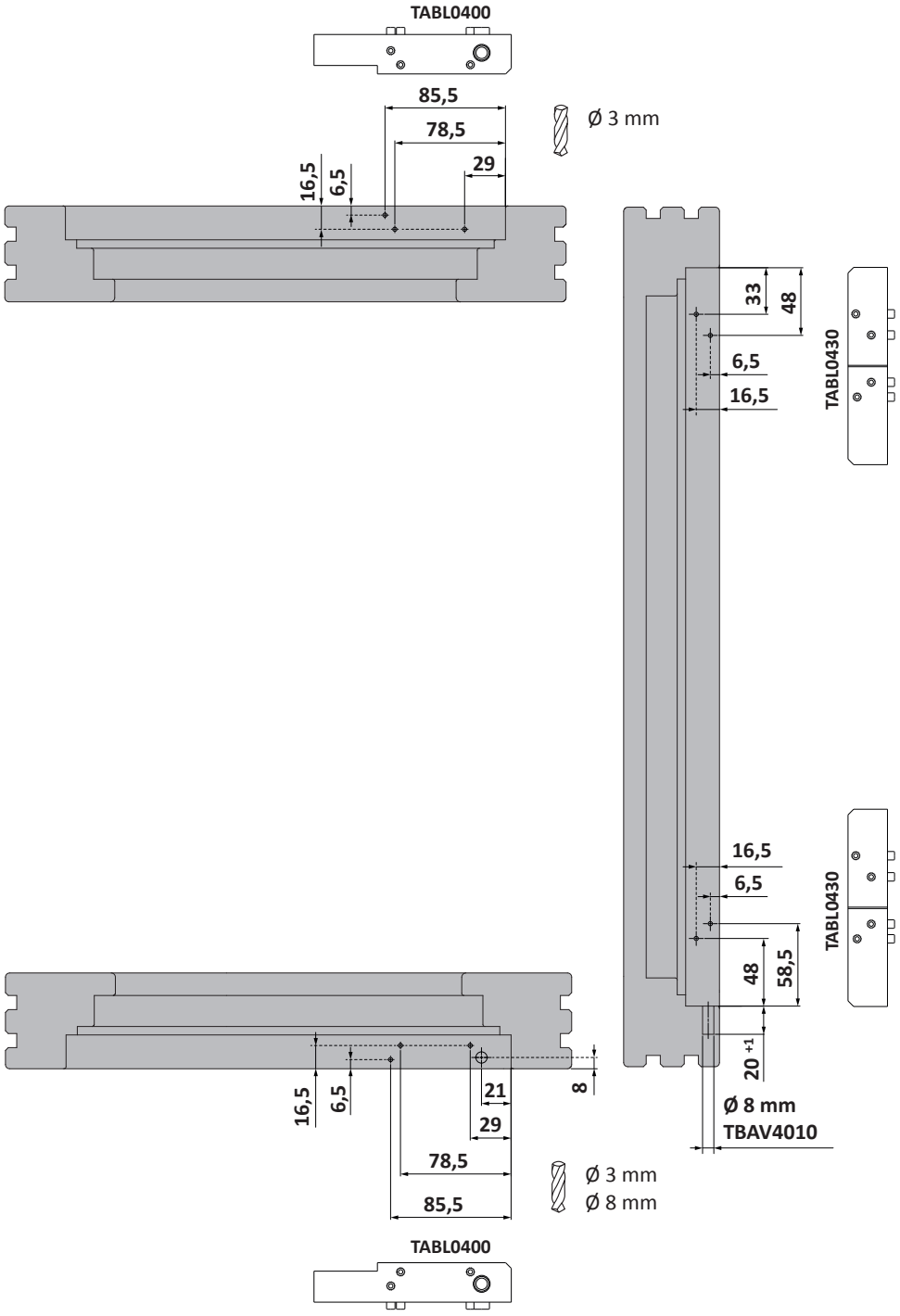
Description	Material	Page
stay arm AX 24 DF	TSAV4191, TSAV4192, TSAV4091, TSAV4092	8 - 44
stay arm AX 24 DF/3	TSAV4101, TSAV4102, TSAV4201, TSAV4202	8 - 45
stay arm AX 30 DF	TSAV4291, TSAV4292	8 - 46
stay arm AX 30 DF/3	TSAV4301, TSAV4302	8 - 47
stay arm DF AX 34	TSAV4991, TSAV4992	8 - 48
stay arm DF AX 24 C	TSAV4491, TSAV4492, TSAV4891, TSAV4892, TSAV4591, TSAV4592, TSAV4791, TSAV4792, TSAV4691, TSAV4692	8 - 49
tilt restrictor V-V	TFKB0040, TFKB0050	8 - 51
S-screw	ZXSC0010, ZXSC0020	8 - 52
grub screw AX C	ZXSC4200	8 - 53
load transfer axxent 24+	TMZV4000	8 - 54





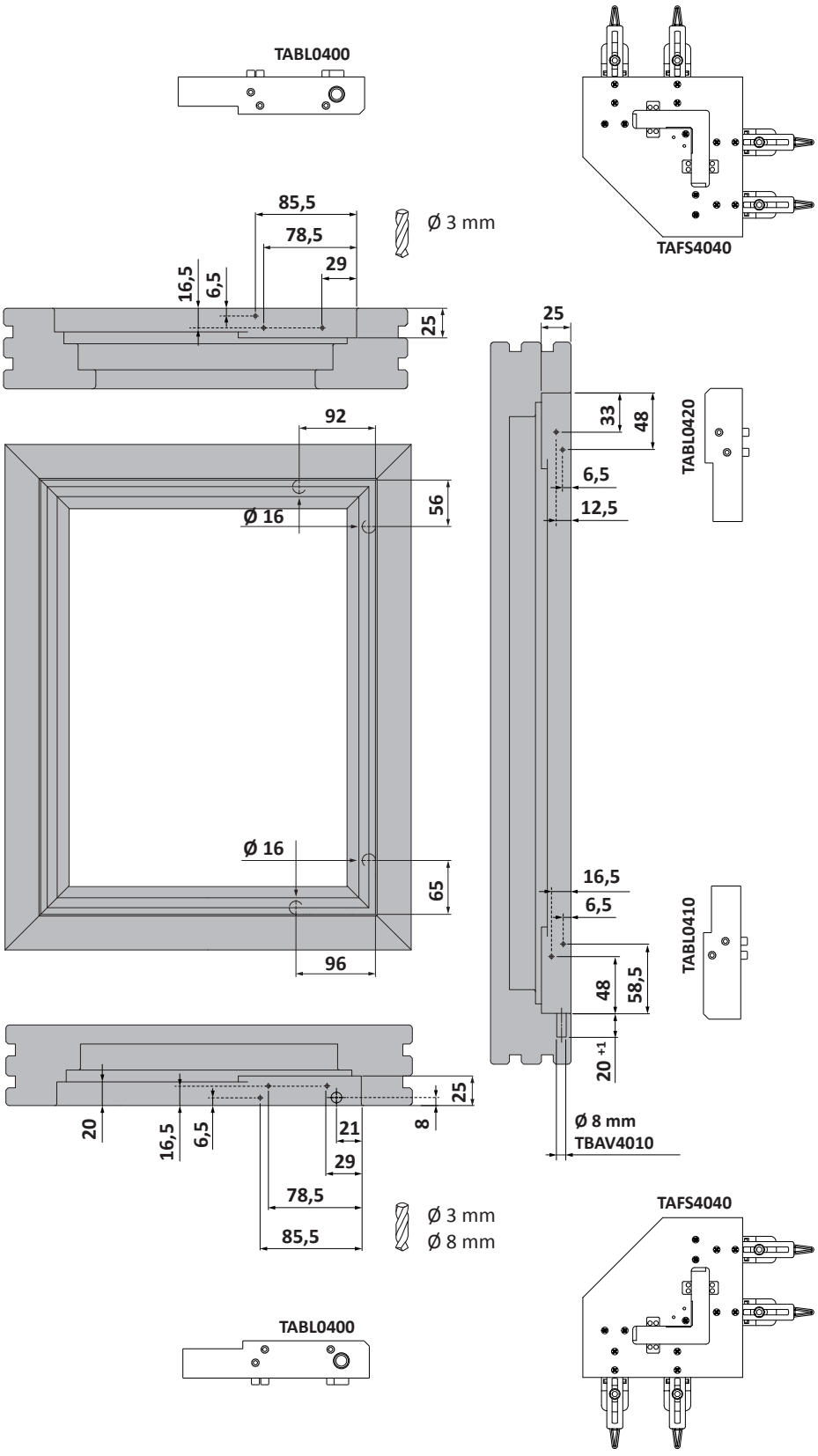


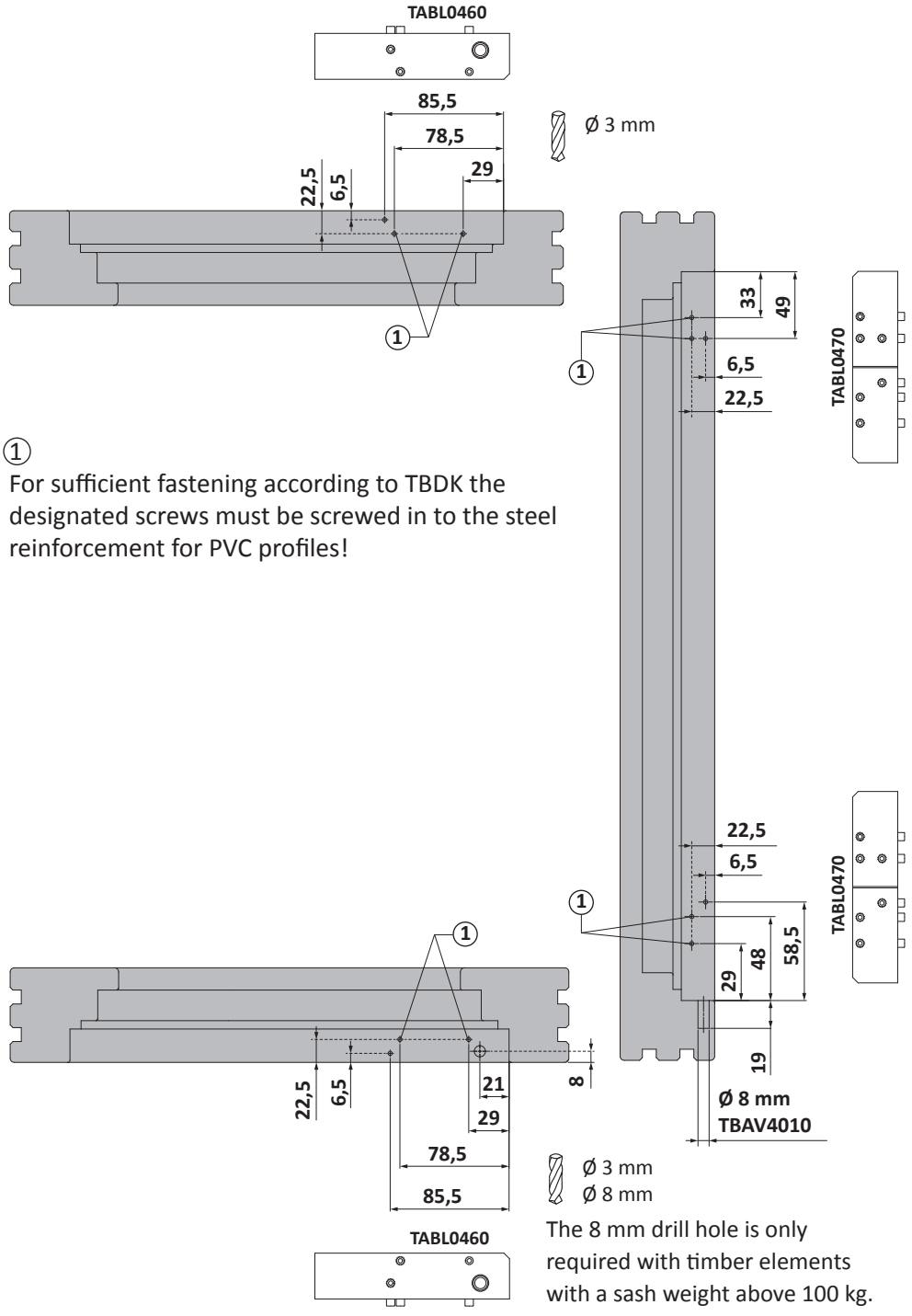
Groove axis A	Rebate width B	Rebate height H	Frame clearance X
9/13	18	16	**6,5**
9/13	18	17	**7,5**
9/13	18	18	**8,5**
9/13	18	19	**9,5**
9/13	18	20	**10,5**
9/13	18	21	**11,5**
9/13	18	22	**12,5**
9/13	18	23	**13,5**
9/13	18	24	**14,5**
9/13	20	16	**5**
9/13	20	17	**6**
9/13	20	18	**7**
9/13	20	19	**8**
9/13	20	20	**9**
9/13	20	21	**10**
9/13	20	22	**11**
9/13	20	23	**12**
9/13	20	24	**13**
9/13	21	16	**4,5**
9/13	21	17	**5,5**
9/13	21	18	**6,5**
9/13	21	19	**7,5**
9/13	21	20	**8,5**
9/13	21	21	**9**
9/13	21	22	**10**
9/13	21	23	**11**
9/13	21	24	**12**


TABL0400
85,5
78,5
29
16,5
6,5
Ø 3 mm
33
48
6,5
16,5
TABL0430
16,5
6,5
48
58,5
20 +1
Ø 8 mm
TBAV4010
8
16,5
6,5
21
29
78,5
85,5
Ø 3 mm
Ø 8 mm
TABL0400

8

Miller Ø 16 mm
Spacer disc Ø 27 mm

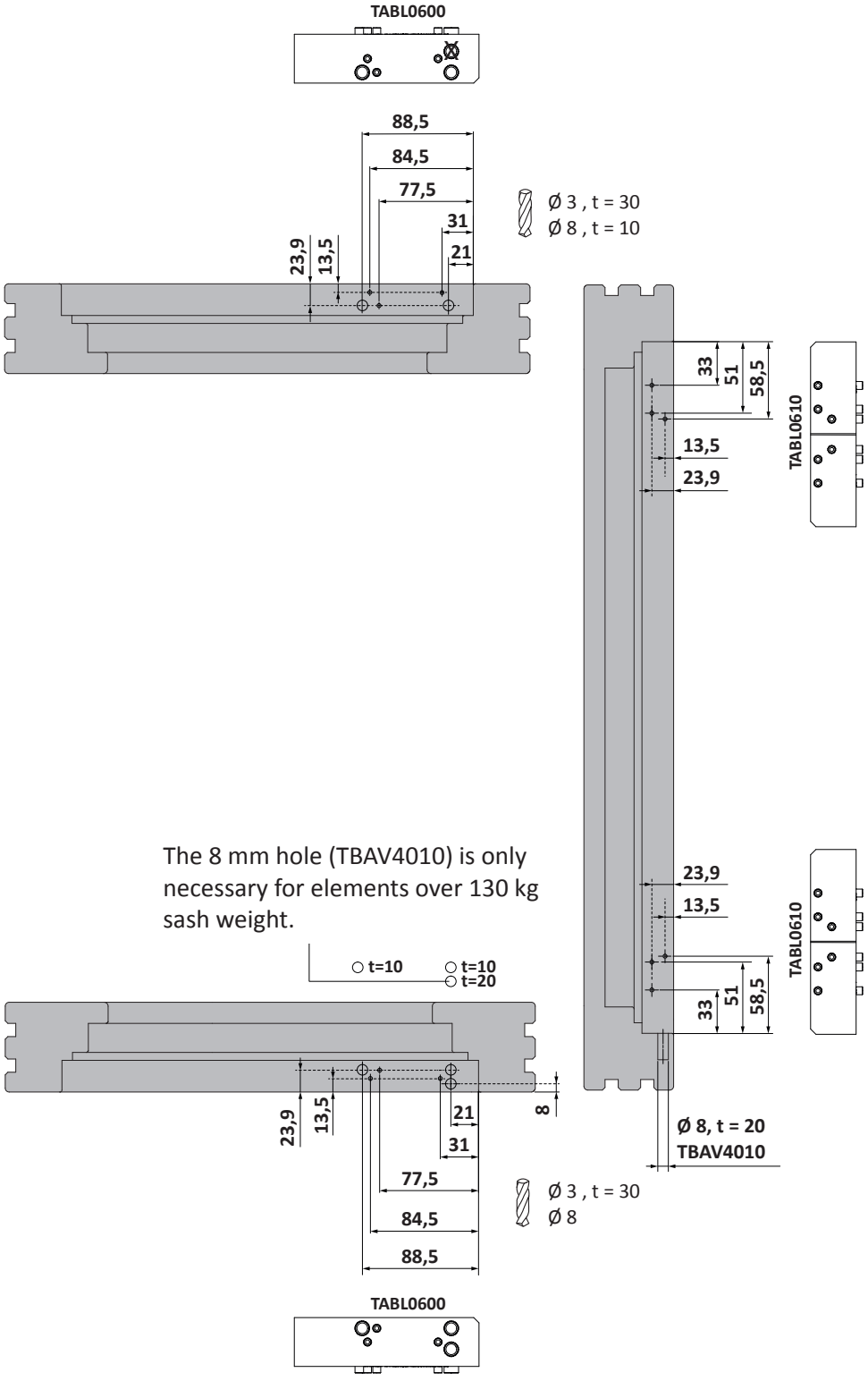


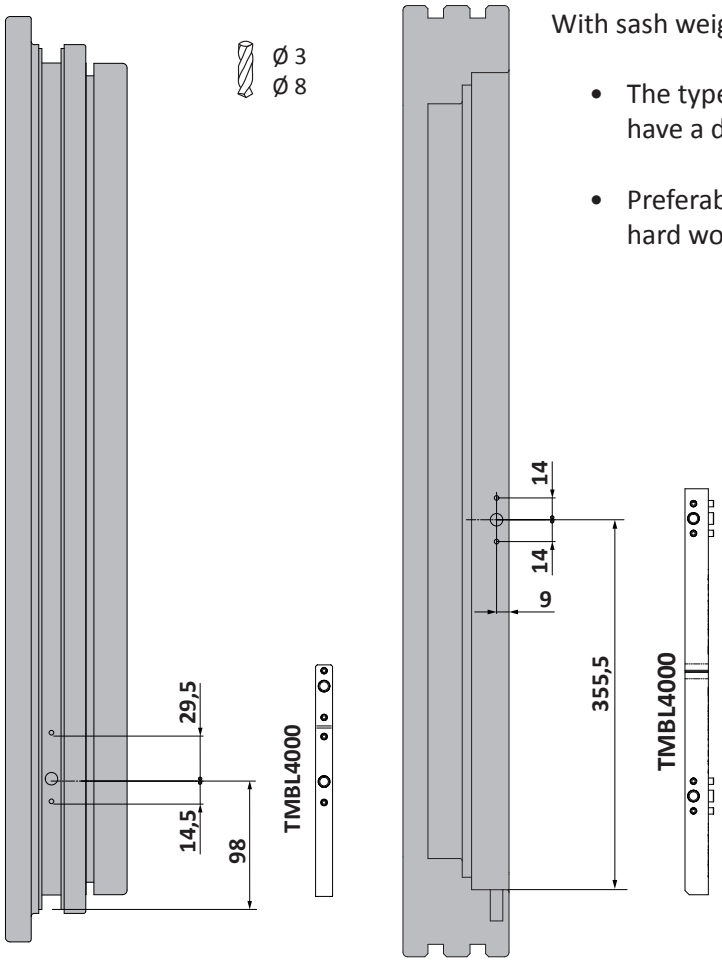


① For sufficient fastening according to TBDK the designated screws must be screwed in to the steel reinforcement for PVC profiles!

The 8 mm drill hole is only required with timber elements with a sash weight above 100 kg.

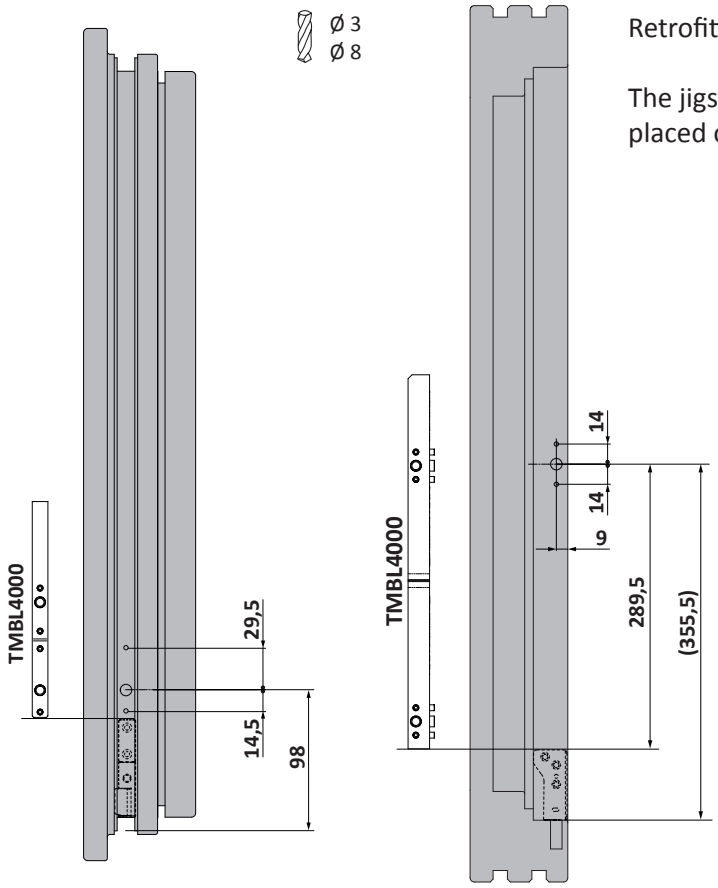
8


TABL0600
88,5
84,5
77,5
31
21
23,9
13,5
Ø 3 , t = 30
Ø 8 , t = 10
33
51
58,5
13,5
23,9
TABL0610
The 8 mm hole (TBAV4010) is only necessary for elements over 130 kg sash weight.
t=10
t=10
t=20
8
Ø 8, t = 20
TBAV4010
Ø 3 , t = 30
Ø 8
TABL0600



With sash weights > 150 kg:

- The type of wood used must have a density of 0,60 g/cm³
- Preferably use oak or a similarly hard wood

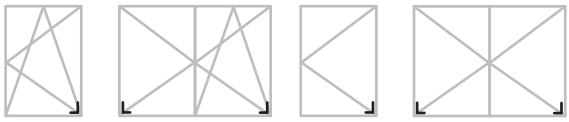


Retrofitting of existing elements:

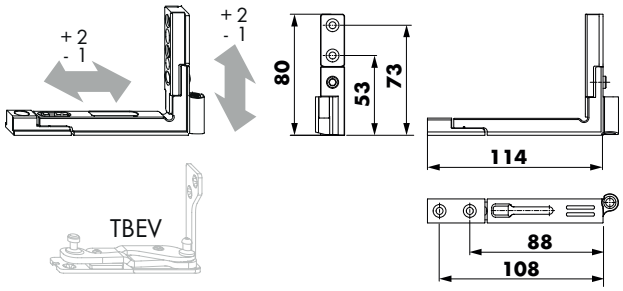
The jigs are turned 180° and are placed on the bottom or corner hinge.

Technical information

Part number	Description	Groove axis	sash weight	
TBEB4011-...	corner hinge AX 9 rh.	9	150 kg	4
TBEB4012-...	corner hinge AX 9 lh.	9	150 kg	4
TBEB4001-...	corner hinge AX 13 rh.	13	150 kg	4
TBEB4002-...	corner hinge AX 13 lh.	13	150 kg	4



- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

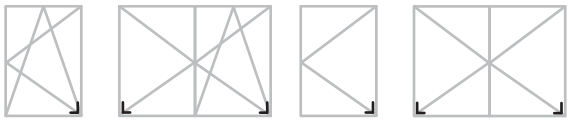


Sales information

Description	Part number	Surface	Colour	Box quantity
corner hinge AX 9 rh.	TBEB4011-10001_	Titan Silver	without	1 pc
	TBEB4011-10005_	Titan Silver	without	50 pcs
corner hinge AX 9 lh.	TBEB4012-10001_	Titan Silver	without	1 pc
	TBEB4012-10005_	Titan Silver	without	50 pcs
corner hinge AX 13 rh.	TBEB4001-10001_	Titan Silver	without	1 pc
	TBEB4001-10005_	Titan Silver	without	50 pcs
corner hinge AX 13 lh.	TBEB4002-10001_	Titan Silver	without	1 pc
	TBEB4002-10005_	Titan Silver	without	50 pcs

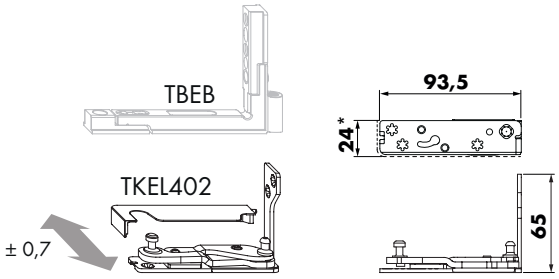
Technical information

Part number	Description	Airgap	Groove axis	sash weight	
TBEV4011-...	bottom hinge AX 24/9 rh.	12	9	100 kg	5
TBEV4012-...	bottom hinge AX 24/9 lh.	12	9	100 kg	5
TBEV4001-...	bottom hinge AX 24/13 rh.	12	13	100 kg	5
TBEV4002-...	bottom hinge AX 24/13 lh.	12	13	100 kg	5
TKEL4021-...	cover cap EL AX 24 rh.	-	-	-	-
TKEL4022-...	cover cap EL AX 24 lh.	-	-	-	-



- A special screw with a shank diameter of 4.5 mm must be used to fix the component
- Fixing screws for the bottom hinge must be selected and fixed, so that the screw heads do not protrude beyond the respective base plate.
- The rebate width of the finished element must be min. 24 mm
- Airgap $12^{+0,5}$ mm
- * Including cover cap

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

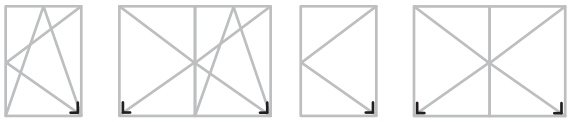


Sales information

Description	Part number	Surface	Colour	Box quantity
bottom hinge AX 24/9 rh.	TBEV4011-10001_	Titan Silver	without	1 pc
	TBEV4011-10004_	Titan Silver	without	25 pcs
bottom hinge AX 24/9 lh.	TBEV4012-10001_	Titan Silver	without	1 pc
	TBEV4012-10004_	Titan Silver	without	25 pcs
bottom hinge AX 24/13 rh.	TBEV4001-10001_	Titan Silver	without	1 pc
	TBEV4001-10004_	Titan Silver	without	25 pcs
bottom hinge AX 24/13 lh.	TBEV4002-10001_	Titan Silver	without	1 pc
	TBEV4002-10004_	Titan Silver	without	25 pcs
cover cap EL AX 24 rh.	TKEL4021-0E401_	neutral	RAL7037	1 pc
	TKEL4021-0E405_	neutral	RAL7037	50 pcs
cover cap EL AX 24 lh.	TKEL4022-0E401_	neutral	RAL7037	1 pc
	TKEL4022-0E405_	neutral	RAL7037	50 pcs

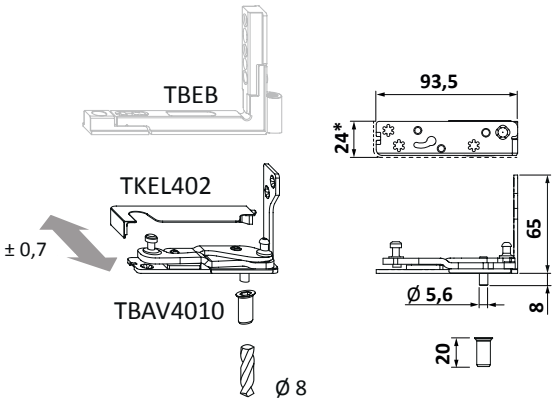
Technical information

Part number	Description	Airgap	Groove axis	sash weight	
TBEV4061-...	bottom hinge H Ø8 AX 24/9 rh.	12	9	150 kg	5
TBEV4062-...	bottom hinge H Ø8 AX 24/9 lh.	12	9	150 kg	5
TBEV4051-...	bottom hinge H Ø8 AX 24/13 rh.	12	13	150 kg	5
TBEV4052-...	bottom hinge H Ø8 AX 24/13 lh.	12	13	150 kg	5
TBAV4010-...	supporting dowel AX	-	-	-	-
TKEL4021-...	cover cap EL AX 24 rh.	-	-	-	-
TKEL4022-...	cover cap EL AX 24 lh.	-	-	-	-



- A special screw with a shank diameter of 4.5 mm must be used to fix the component
- Fixing screws for the bottom hinge must be selected and fixed, so that the screw heads do not protrude beyond the respective base plate.
- The rebate width of the finished element must be min. 24 mm
- Airgap $12^{+0,5}$ mm
- * Including cover cap
- For more than 100 kg sash weight the support bolt TBAV4010 must be used
- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

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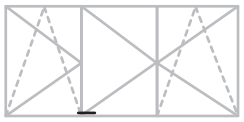


Sales information

Description	Part number	Surface	Colour	Box quantity
bottom hinge H Ø8 AX 24/9 rh.	TBEV4061-10001_	Titan Silver	without	1 pc
	TBEV4061-10004_	Titan Silver	without	25 pcs
bottom hinge H Ø8 AX 24/9 lh.	TBEV4062-10001_	Titan Silver	without	1 pc
	TBEV4062-10004_	Titan Silver	without	25 pcs
bottom hinge H Ø8 AX 24/13 rh.	TBEV4051-10001_	Titan Silver	without	1 pc
	TBEV4051-10004_	Titan Silver	without	25 pcs
bottom hinge H Ø8 AX 24/13 lh.	TBEV4052-10001_	Titan Silver	without	1 pc
	TBEV4052-10004_	Titan Silver	without	25 pcs
supporting dowel AX	TBAV4010-00001_	neutral	without	1 pc
	TBAV4010-00005_	neutral	without	50 pcs
cover cap EL AX 24 rh.	TKEL4021-0E401_	neutral	RAL7037	1 pc
	TKEL4021-0E405_	neutral	RAL7037	50 pcs
cover cap EL AX 24 lh.	TKEL4022-0E401_	neutral	RAL7037	1 pc
	TKEL4022-0E405_	neutral	RAL7037	50 pcs

Technical information

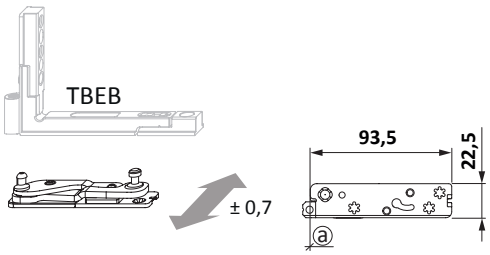
Part number	Description	Airgap	Groove axis	sash weight	
TBEV4111-...	bottom hinge DF/3 AX 24/9 rh.	12	9	80 kg	4
TBEV4112-...	bottom hinge DF/3 AX 24/9 lh.	12	9	80 kg	4
TBEV4101-...	bottom hinge DF/3 AX 24/13 rh.	12	13	80 kg	4
TBEV4102-...	bottom hinge DF/3 AX 24/13 lh.	12	13	80 kg	4



- A special screw with a shank diameter of 4.5 mm must be used to fix the component
- Fixing screws for the bottom hinge must be selected and fixed, so that the screw heads do not protrude beyond the respective base plate.
- The rebate width of the finished element must be min. 24 mm
- a = sash rebate edge slave sash
- Airgap $12^{+0,5}$ mm

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

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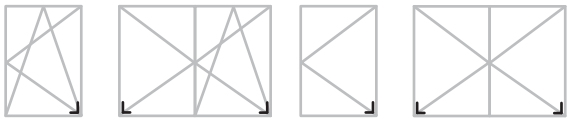


Sales information

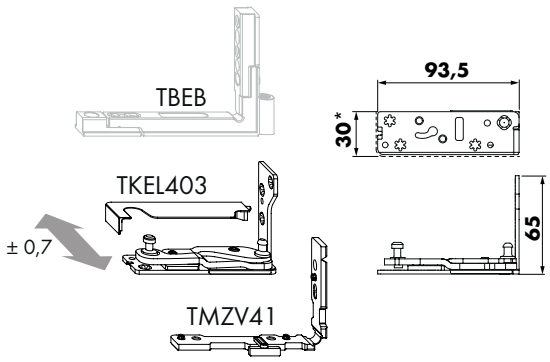
Description	Part number	Surface	Colour	Box quantity
bottom hinge DF/3 AX 24/9 rh.	TBEV4111-10001_	Titan Silver	without	1 pc
	TBEV4111-10004_	Titan Silver	without	25 pcs
bottom hinge DF/3 AX 24/9 lh.	TBEV4112-10001_	Titan Silver	without	1 pc
	TBEV4112-10004_	Titan Silver	without	25 pcs
bottom hinge DF/3 AX 24/13 rh.	TBEV4101-10001_	Titan Silver	without	1 pc
	TBEV4101-10004_	Titan Silver	without	25 pcs
bottom hinge DF/3 AX 24/13 lh.	TBEV4102-10001_	Titan Silver	without	1 pc
	TBEV4102-10004_	Titan Silver	without	25 pcs

Technical information

Part number	Description	Airgap	Groove axis	sash weight	
TBEV4021-...	bottom hinge AX 30/13 rh.	12	13	100 kg	6
TBEV4022-...	bottom hinge AX 30/13 lh.	12	13	100 kg	6
TKEL4031-...	cover cap EL AX 30 rh.	-	-	-	-
TKEL4032-...	cover cap EL AX 30 lh.	-	-	-	-



- A special screw with a shank diameter of 4.5 mm must be used to fix the component
- Fixing screws for the bottom hinge must be selected and fixed, so that the screw heads do not protrude beyond the respective base plate.
- Crt. accessory AX profile related, see PDB TMZV41 - only required for PVC elements
- Airgap $12^{+0,5}$ mm
- * Including cover cap
- With the corresponding application diagram in mind a sash weight of up to max. 150 kg is possible with PVC elements
- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

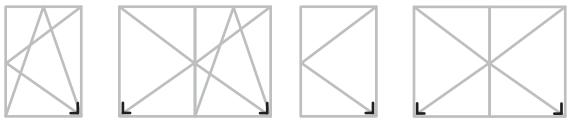


Sales information

Description	Part number	Surface	Colour	Box quantity
bottom hinge AX 30/13 rh.	TBEV4021-10001_	Titan Silver	without	1 pc
	TBEV4021-10004_	Titan Silver	without	25 pcs
bottom hinge AX 30/13 lh.	TBEV4022-10001_	Titan Silver	without	1 pc
	TBEV4022-10004_	Titan Silver	without	25 pcs
cover cap EL AX 30 rh.	TKEL4031-0E401_	neutral	RAL7037	1 pc
	TKEL4031-0E405_	neutral	RAL7037	50 pcs
cover cap EL AX 30 lh.	TKEL4032-0E401_	neutral	RAL7037	1 pc
	TKEL4032-0E405_	neutral	RAL7037	50 pcs

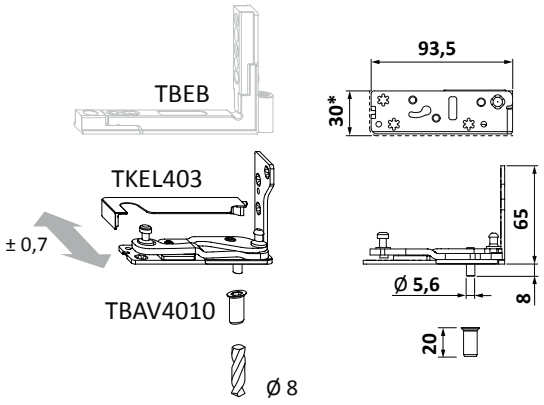
Technical information

Part number	Description	Airgap	Groove axis	sash weight	
TBEV4071-...	bottom hinge H Ø8 AX 30/13 rh.	12	13	150 kg	6
TBEV4072-...	bottom hinge H Ø8 AX 30/13 lh.	12	13	150 kg	6
TBAV4010-...	supporting dowel AX	-	-	-	-
TKEL4031-...	cover cap EL AX 30 rh.	-	-	-	-
TKEL4032-...	cover cap EL AX 30 lh.	-	-	-	-



- A special screw with a shank diameter of 4.5 mm must be used to fix the component
- Fixing screws for the bottom hinge must be selected and fixed, so that the screw heads do not protrude beyond the respective base plate.
- Airgap $12^{+0,5}$ mm
- For more than 100 kg sash weight the support bolt TBAV4010 must be used
- * Including cover cap

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

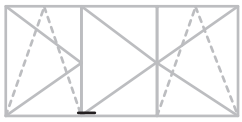


Sales information

Description	Part number	Surface	Colour	Box quantity
bottom hinge H Ø8 AX 30/13 rh.	TBEV4071-10001_	Titan Silver	without	1 pc
	TBEV4071-10004_	Titan Silver	without	25 pcs
bottom hinge H Ø8 AX 30/13 lh.	TBEV4072-10001_	Titan Silver	without	1 pc
	TBEV4072-10004_	Titan Silver	without	25 pcs
supporting dowel AX	TBAV4010-00001_	neutral	without	1 pc
	TBAV4010-00005_	neutral	without	50 pcs
cover cap EL AX 30 rh.	TKEL4031-0E401_	neutral	RAL7037	1 pc
	TKEL4031-0E405_	neutral	RAL7037	50 pcs
cover cap EL AX 30 lh.	TKEL4032-0E401_	neutral	RAL7037	1 pc
	TKEL4032-0E405_	neutral	RAL7037	50 pcs

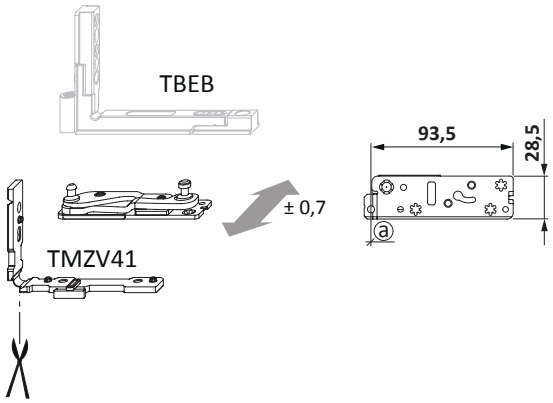
Technical information

Part number	Description	Airgap	Groove axis	sash weight	
TBEV4121-...	bottom hinge DF/3 AX 30/13 rh.	12	13	80 kg	4
TBEV4122-...	bottom hinge DF/3 AX 30/13 lh.	12	13	80 kg	4



- A special screw with a shank diameter of 4.5 mm must be used to fix the component
- Fixing screws for the bottom hinge must be selected and fixed, so that the screw heads do not protrude beyond the respective base plate.
- Crt. accessory AX profile related, see PDB TMZV41 - only required for PVC elements
- Trim packer TMZV41 as illustrated
- a = sash rebate edge slave sash
- Airgap $12^{+0,5}$ mm

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

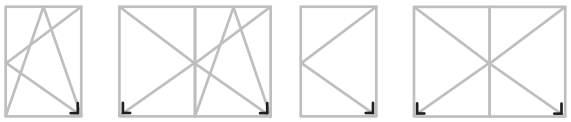


Sales information

Description	Part number	Surface	Colour	Box quantity
bottom hinge DF/3 AX 30/13 rh.	TBEV4121-10001_	Titan Silver	without	1 pc
	TBEV4121-10004_	Titan Silver	without	25 pcs
bottom hinge DF/3 AX 30/13 lh.	TBEV4122-10001_	Titan Silver	without	1 pc
	TBEV4122-10004_	Titan Silver	without	25 pcs

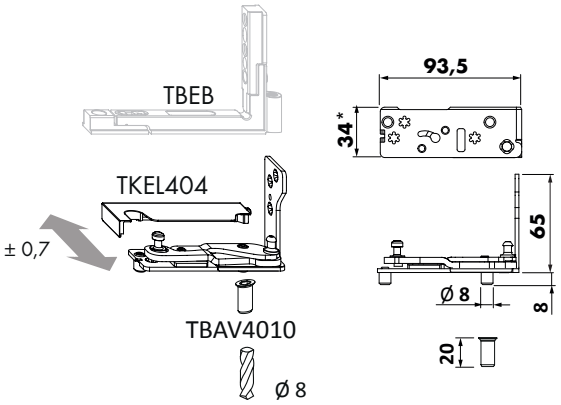
Technical information

Part number	Description	Airgap	Groove axis	sash weight	
TBEV4091-...	bottom hinge H Ø8 AX 34/13 rh.	12	13	150 kg	6
TBEV4092-...	bottom hinge H Ø8 AX 34/13 lh.	12	13	150 kg	6
TBAV4010-...	supporting dowel AX	-	-	-	-
TKEL4041-...	cover cap EL AX 34 rh.	-	-	-	-
TKEL4042-...	cover cap EL AX 34 lh.	-	-	-	-



- Fixing screws for the bottom hinge must be selected and fixed, so that the screw heads do not protrude beyond the respective base plate.
- The rebate width of the finished element must be min. 34 mm
- For more than 130 kg sash weight the support bolt TBAV4010 must be used
- Airgap $12^{+0,5}$ mm
- * Including cover cap

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

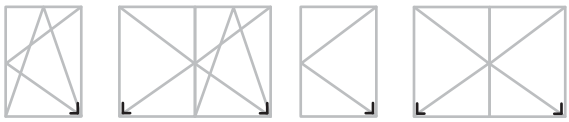


Sales information

Description	Part number	Surface	Colour	Box quantity
bottom hinge H Ø8 AX 34/13 rh.	TBEV4091-10001_	Titan Silver	without	1 pc
	TBEV4091-10004_	Titan Silver	without	25 pcs
bottom hinge H Ø8 AX 34/13 lh.	TBEV4092-10001_	Titan Silver	without	1 pc
	TBEV4092-10004_	Titan Silver	without	25 pcs
supporting dowel AX	TBAV4010-00001_	neutral	without	1 pc
	TBAV4010-00005_	neutral	without	50 pcs
cover cap EL AX 34 rh.	TKEL4041-0E401_	neutral	RAL7037	1 pc
	TKEL4041-0E405_	neutral	RAL7037	50 pcs
cover cap EL AX 34 lh.	TKEL4042-0E401_	neutral	RAL7037	1 pc
	TKEL4042-0E405_	neutral	RAL7037	50 pcs

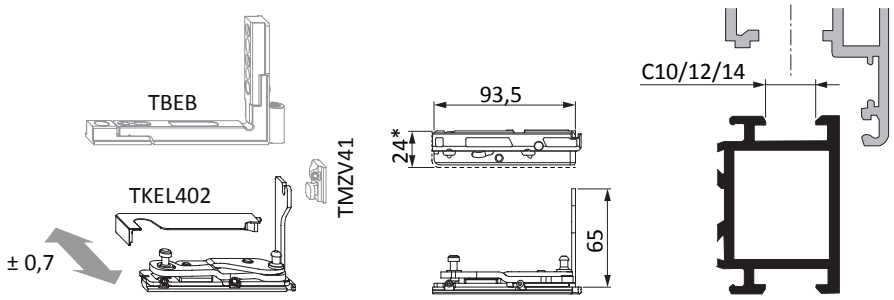
Technical information

Part number	Description	Airgap	Groove axis	sash weight	
TBEV4201-...	bottom hinge AX C10/9 rh.	12	9	150 kg	0
TBEV4202-...	bottom hinge AX C10/9 lh.	12	9	150 kg	0
TBEV4241-...	bottom hinge AX C10/13 rh.	12	13	150 kg	0
TBEV4242-...	bottom hinge AX C10/13 lh.	12	13	150 kg	0
TBEV4211-...	bottom hinge AX C12/9 rh.	12	9	150 kg	0
TBEV4212-...	bottom hinge AX C12/9 lh.	12	9	150 kg	0
TBEV4231-...	bottom hinge AX C14/9 rh.	12	9	150 kg	0
TBEV4232-...	bottom hinge AX C14/9 lh.	12	9	150 kg	0
TBEV4221-...	bottom hinge AX C14/13 rh.	12	13	150 kg	0
TBEV4222-...	bottom hinge AX C14/13 lh.	12	13	150 kg	0
TKEL4021-...	cover cap EL AX 24 rh.	-	-	-	-
TKEL4022-...	cover cap EL AX 24 lh.	-	-	-	-



- clampable
- for aluminium systems with 16 mm eurogroove (BAN)
- crt. profile-related accessories AX C required, see PDB TMZV41
- Airgap $12^{+0,5}$ mm
- * Including cover cap

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

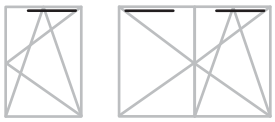


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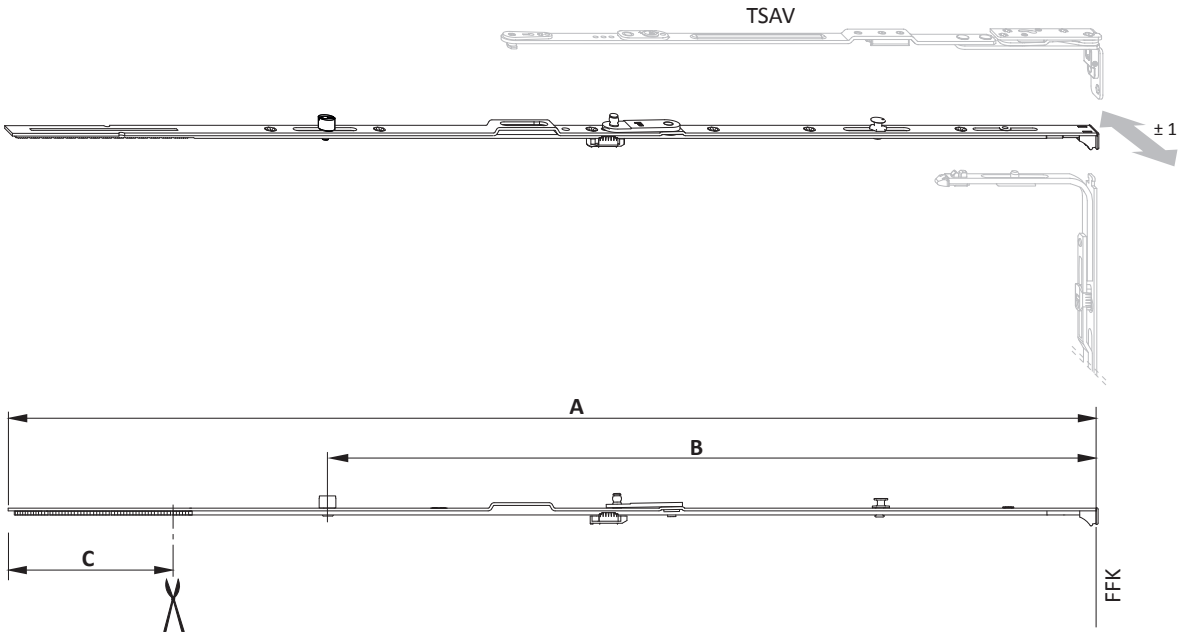
Description	Part number	Surface	Colour	Box quantity
bottom hinge AX C10/9 rh.	TBEV4201-10001_	Titan Silver	without	1 pc
	TBEV4201-10004_	Titan Silver	without	25 pcs
bottom hinge AX C10/9 lh.	TBEV4202-10001_	Titan Silver	without	1 pc
	TBEV4202-10004_	Titan Silver	without	25 pcs
bottom hinge AX C10/13 rh.	TBEV4241-10001_	Titan Silver	without	1 pc
	TBEV4241-10004_	Titan Silver	without	25 pcs
bottom hinge AX C10/13 lh.	TBEV4242-10001_	Titan Silver	without	1 pc
	TBEV4242-10004_	Titan Silver	without	25 pcs
bottom hinge AX C12/9 rh.	TBEV4211-10001_	Titan Silver	without	1 pc
	TBEV4211-10004_	Titan Silver	without	25 pcs
bottom hinge AX C12/9 lh.	TBEV4212-10001_	Titan Silver	without	1 pc
	TBEV4212-10004_	Titan Silver	without	25 pcs
bottom hinge AX C14/9 rh.	TBEV4231-10001_	Titan Silver	without	1 pc
	TBEV4231-10004_	Titan Silver	without	25 pcs
bottom hinge AX C14/9 lh.	TBEV4232-10001_	Titan Silver	without	1 pc
	TBEV4232-10004_	Titan Silver	without	25 pcs
bottom hinge AX C14/13 rh.	TBEV4221-10001_	Titan Silver	without	1 pc
	TBEV4221-10004_	Titan Silver	without	25 pcs
bottom hinge AX C14/13 lh.	TBEV4222-10001_	Titan Silver	without	1 pc
	TBEV4222-10004_	Titan Silver	without	25 pcs
cover cap EL AX 24 rh.	TKEL4021-0E401_	neutral	RAL7037	1 pc
	TKEL4021-0E405_	neutral	RAL7037	50 pcs
cover cap EL AX 24 lh.	TKEL4022-0E401_	neutral	RAL7037	1 pc
	TKEL4022-0E405_	neutral	RAL7037	50 pcs

Technical information

Part number	Description	FFB	Dimensions (mm)			Airgap	sash weight		
			A	B	C				
FSSV4000-...	SSTULPIP_FAV_AX_1	360 - 680	550	-	200	12	130 kg	0	3
FSSV4010-...	stay sash part FAV AX sz2+3 1V	651 - 850	710	433	200	12	130 kg	1	4
FSSV4020-...	stay sash part FAV AX sz 4 1V	851 - 1050	910	552	200	12	130 kg	1	7
FSSV4030-...	stay sash part FAV AX sz 5 1V	1051 - 1250	1110	752	200	12	130 kg	1	8



- for FFB 1251-1450 mm use stay sash part AX sz 4 with additional stay, linkage additional stay and tilt restrictor additional stay
  for FFB 1451-1650 mm use stay sash part AX sz 5 with additional stay, linkage additional stay and tilt restrictor additional stay
- Integrated anti-slam device in the tilt position
- Mishandling-device in tilt-position
- Shootbolt protrusion for increased compression
- For FFB < 380 mm the stay sash part must be manually cropped.
- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

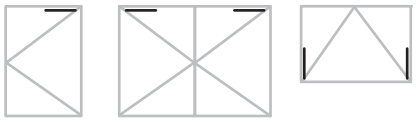


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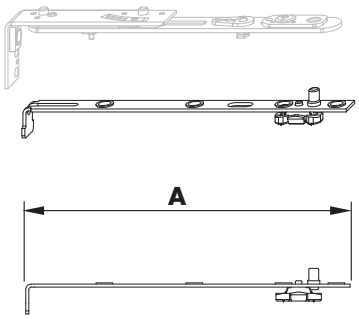
Description	Part number	Surface	Colour	Box quantity
SSTULPIP_FAV_AX_1	FSSV4000-10001_	Titan Silver	without	1 pc
	FSSV4000-10004_	Titan Silver	without	25 pcs
stay sash part FAV AX sz2+3 1V	FSSV4010-10001_	Titan Silver	without	1 pc
	FSSV4010-10004_	Titan Silver	without	25 pcs
stay sash part FAV AX sz 4 1V	FSSV4020-10001_	Titan Silver	without	1 pc
	FSSV4020-10004_	Titan Silver	without	25 pcs
stay sash part FAV AX sz 5 1V	FSSV4030-10001_	Titan Silver	without	1 pc
	FSSV4030-10004_	Titan Silver	without	25 pcs

Technical information

Part number	Description	Dimensions (mm) A	Airgap	sash weight		
TSSV3020-...	stay sash part DF AX	225	12	100 kg	0	4



- The range of application conforms to the connecting components
- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”



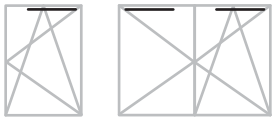
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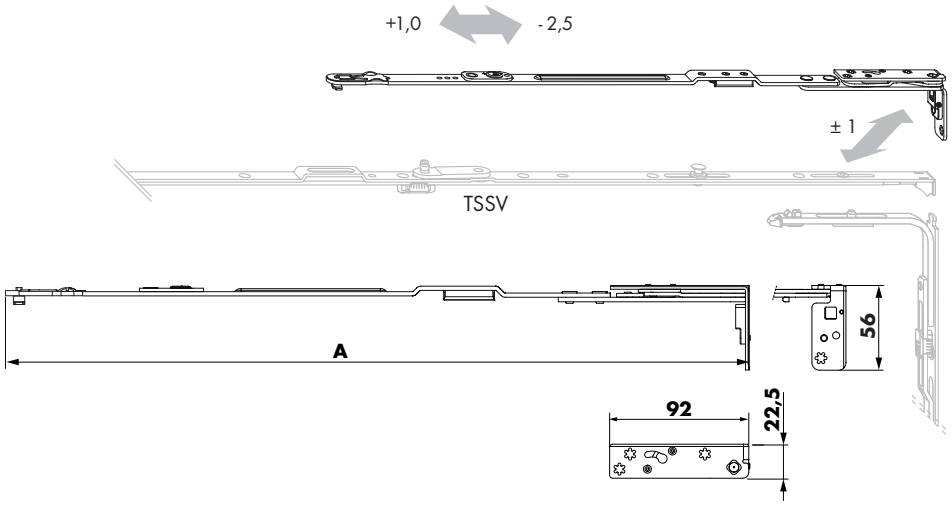
Description	Part number	Surface	Colour	Box quantity
stay sash part DF AX	TSSV3020-10001_	Titan Silver	without	1 pc
	TSSV3020-10004_	Titan Silver	without	25 pcs

Technical information

Part number	Description	FFB	Dimensions (mm) A	Groove axis	sash weight	
TSAV4111-...	stay arm sz 1 AX 24/9 rh.	360 - 650	313	9	130 kg	5
TSAV4112-...	stay arm sz 1 AX 24/9 lh.	360 - 650	313	9	130 kg	5
TSAV4011-...	stay arm sz 1 AX 24/13 rh.	360 - 650	313	13	130 kg	5
TSAV4012-...	stay arm sz 1 AX 24/13 lh.	360 - 650	313	13	130 kg	5
TSAV4121-...	stay arm sz 2+3 AX 24/9 rh.	651 - 850	368	9	150 kg	5
TSAV4122-...	stay arm sz 2+3 AX 24/9 lh.	651 - 850	368	9	150 kg	5
TSAV4021-...	stay arm sz 2+3 AX 24/13 rh.	651 - 850	368	13	150 kg	5
TSAV4022-...	stay arm sz 2+3 AX 24/13 lh.	651 - 850	368	13	150 kg	5
TSAV4131-...	stay arm sz 4 AX 24/9 rh.	851 - 1050	398	9	150 kg	5
TSAV4132-...	stay arm sz 4 AX 24/9 lh.	851 - 1050	398	9	150 kg	5
TSAV4031-...	stay arm sz 4 AX 24/13 rh.	851 - 1050	398	13	150 kg	5
TSAV4032-...	stay arm sz 4 AX 24/13 lh.	851 - 1050	398	13	150 kg	5
TSAV4141-...	stay arm sz 5 AX 24/9 rh.	1051 - 1250	531	9	150 kg	5
TSAV4142-...	stay arm sz 5 AX 24/9 lh.	1051 - 1250	531	9	150 kg	5
TSAV4041-...	stay arm sz 5 AX 24/13 rh.	1051 - 1250	531	13	150 kg	5
TSAV4042-...	stay arm sz 5 AX 24/13 lh.	1051 - 1250	531	13	150 kg	5



- A special screw with a shank diameter of 4.5 mm must be used to fix the component
- Fixing screws for the stay arm must be selected and fixed, so that the screw heads do not protrude beyond the respective base plate.
- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

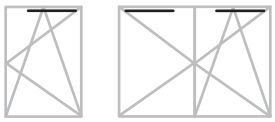


Sales information

Description	Part number	Surface	Colour	Box quantity
stay arm sz 1 AX 24/9 rh.	TSAV4111-10001_	Titan Silver	without	1 pc
	TSAV4111-10004_	Titan Silver	without	25 pcs
stay arm sz 1 AX 24/9 lh.	TSAV4112-10001_	Titan Silver	without	1 pc
	TSAV4112-10004_	Titan Silver	without	25 pcs
stay arm sz 1 AX 24/13 rh.	TSAV4011-10001_	Titan Silver	without	1 pc
	TSAV4011-10004_	Titan Silver	without	25 pcs
stay arm sz 1 AX 24/13 lh.	TSAV4012-10001_	Titan Silver	without	1 pc
	TSAV4012-10004_	Titan Silver	without	25 pcs
stay arm sz 2+3 AX 24/9 rh.	TSAV4121-10001_	Titan Silver	without	1 pc
	TSAV4121-10004_	Titan Silver	without	25 pcs
stay arm sz 2+3 AX 24/9 lh.	TSAV4122-10001_	Titan Silver	without	1 pc
	TSAV4122-10004_	Titan Silver	without	25 pcs
stay arm sz 2+3 AX 24/13 rh.	TSAV4021-10001_	Titan Silver	without	1 pc
	TSAV4021-10004_	Titan Silver	without	25 pcs
stay arm sz 2+3 AX 24/13 lh.	TSAV4022-10001_	Titan Silver	without	1 pc
	TSAV4022-10004_	Titan Silver	without	25 pcs
stay arm sz 4 AX 24/9 rh.	TSAV4131-10001_	Titan Silver	without	1 pc
	TSAV4131-10004_	Titan Silver	without	25 pcs
stay arm sz 4 AX 24/9 lh.	TSAV4132-10001_	Titan Silver	without	1 pc
	TSAV4132-10004_	Titan Silver	without	25 pcs
stay arm sz 4 AX 24/13 rh.	TSAV4031-10001_	Titan Silver	without	1 pc
	TSAV4031-10004_	Titan Silver	without	25 pcs
stay arm sz 4 AX 24/13 lh.	TSAV4032-10001_	Titan Silver	without	1 pc
	TSAV4032-10004_	Titan Silver	without	25 pcs
stay arm sz 5 AX 24/9 rh.	TSAV4141-10001_	Titan Silver	without	1 pc
	TSAV4141-10004_	Titan Silver	without	25 pcs
stay arm sz 5 AX 24/9 lh.	TSAV4142-10001_	Titan Silver	without	1 pc
	TSAV4142-10004_	Titan Silver	without	25 pcs
stay arm sz 5 AX 24/13 rh.	TSAV4041-10001_	Titan Silver	without	1 pc
	TSAV4041-10004_	Titan Silver	without	25 pcs
stay arm sz 5 AX 24/13 lh.	TSAV4042-10001_	Titan Silver	without	1 pc
	TSAV4042-10004_	Titan Silver	without	25 pcs

Technical information

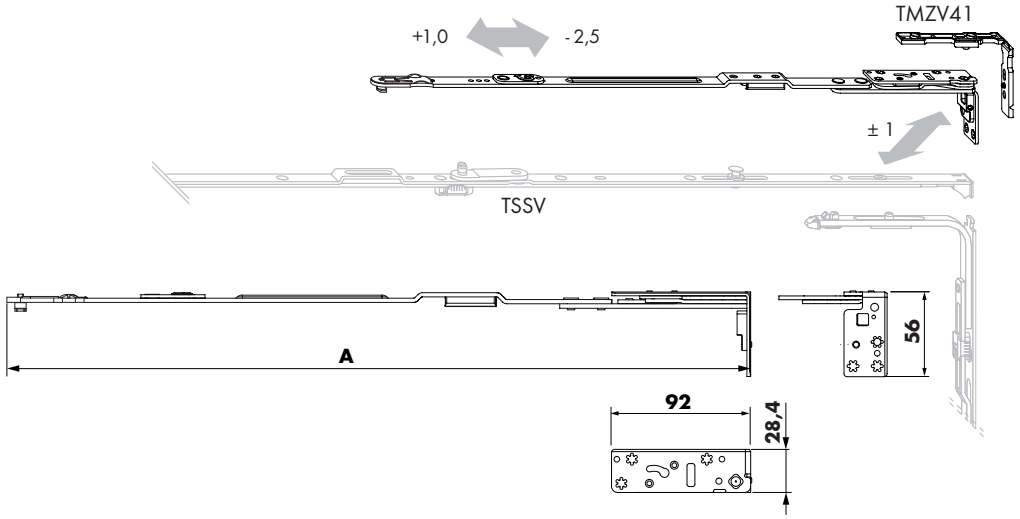
Part number	Description	FFB	Dimensions (mm) A	Groove axis	sash weight	
TSAV4211-...	stay arm sz 1 AX 30/13 rh.	360 - 650	313	13	130 kg	6
TSAV4212-...	stay arm sz 1 AX 30/13 lh.	360 - 650	313	13	130 kg	6
TSAV4221-...	stay arm sz 2+3 AX 30/13 rh.	651 - 850	368	13	150 kg	6
TSAV4222-...	stay arm sz 2+3 AX 30/13 lh.	651 - 850	368	13	150 kg	6
TSAV4231-...	stay arm sz 4 AX 30/13 rh.	851 - 1050	398	13	150 kg	6
TSAV4232-...	stay arm sz 4 AX 30/13 lh.	851 - 1050	398	13	150 kg	6
TSAV4241-...	stay arm sz 5 AX 30/13 rh.	1051 - 1250	531	13	150 kg	6
TSAV4242-...	stay arm sz 5 AX 30/13 lh.	1051 - 1250	531	13	150 kg	6



- A special screw with a shank diameter of 4.5 mm must be used to fix the component
- Fixing screws for the stay arm must be selected and fixed, so that the screw heads do not protrude beyond the respective base plate.
- Crt. accessory AX profile related, see PDB TMZV41 - only required for PVC elements

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

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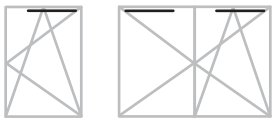


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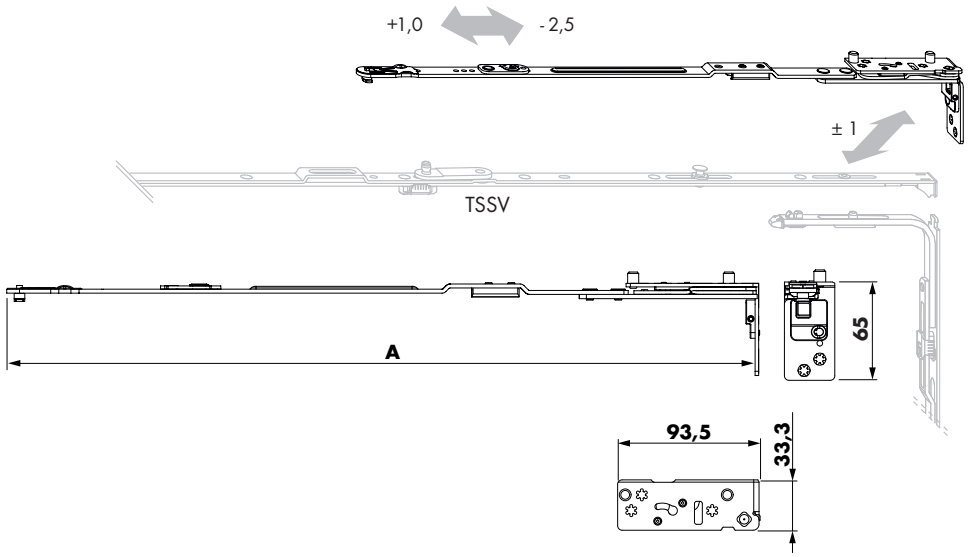
Description	Part number	Surface	Colour	Box quantity
stay arm sz 1 AX 30/13 rh.	TSAV4211-10001_	Titan Silver	without	1 pc
	TSAV4211-10004_	Titan Silver	without	25 pcs
stay arm sz 1 AX 30/13 lh.	TSAV4212-10001_	Titan Silver	without	1 pc
	TSAV4212-10004_	Titan Silver	without	25 pcs
stay arm sz 2+3 AX 30/13 rh.	TSAV4221-10001_	Titan Silver	without	1 pc
	TSAV4221-10004_	Titan Silver	without	25 pcs
stay arm sz 2+3 AX 30/13 lh.	TSAV4222-10001_	Titan Silver	without	1 pc
	TSAV4222-10004_	Titan Silver	without	25 pcs
stay arm sz 4 AX 30/13 rh.	TSAV4231-10001_	Titan Silver	without	1 pc
	TSAV4231-10004_	Titan Silver	without	25 pcs
stay arm sz 4 AX 30/13 lh.	TSAV4232-10001_	Titan Silver	without	1 pc
	TSAV4232-10004_	Titan Silver	without	25 pcs
stay arm sz 5 AX 30/13 rh.	TSAV4241-10001_	Titan Silver	without	1 pc
	TSAV4241-10004_	Titan Silver	without	25 pcs
stay arm sz 5 AX 30/13 lh.	TSAV4242-10001_	Titan Silver	without	1 pc
	TSAV4242-10004_	Titan Silver	without	25 pcs

Technical information

Part number	Description	FFB	Dimensions (mm) A	Groove axis	sash weight	
TSAV4911-...	stay arm Ø8 sz 1 AX 34/13 rh.	360 - 650	313	13	130 kg	6
TSAV4912-...	stay arm Ø8 sz 1 AX 34/13 lh.	360 - 650	313	13	130 kg	6
TSAV4921-...	stay arm Ø8 sz 2+3 AX 34/13 rh.	651 - 850	368	13	150 kg	6
TSAV4922-...	stay arm Ø8 sz 2+3 AX 34/13 lh.	651 - 850	368	13	150 kg	6
TSAV4931-...	stay arm Ø8 sz 4 AX 34/13 rh.	851 - 1050	398	13	150 kg	6
TSAV4932-...	stay arm Ø8 sz 4 AX 34/13 lh.	851 - 1050	398	13	150 kg	6
TSAV4941-...	stay arm Ø8 sz 5 AX 34/13 rh.	1051 - 1250	531	13	150 kg	6
TSAV4942-...	stay arm Ø8 sz 5 AX 34/13 lh.	1051 - 1250	531	13	150 kg	6



- Fixing screws for the stay arm must be selected and fixed, so that the screw heads do not protrude beyond the respective base plate.
- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

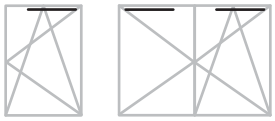


Sales information

Description	Part number	Surface	Colour	Box quantity
stay arm Ø8 sz 1 AX 34/13 rh.	TSAV4911-10001_	Titan Silver	without	1 pc
	TSAV4911-10004_	Titan Silver	without	25 pcs
stay arm Ø8 sz 1 AX 34/13 lh.	TSAV4912-10001_	Titan Silver	without	1 pc
	TSAV4912-10004_	Titan Silver	without	25 pcs
stay arm Ø8 sz 2+3 AX 34/13 rh.	TSAV4921-10001_	Titan Silver	without	1 pc
	TSAV4921-10004_	Titan Silver	without	25 pcs
stay arm Ø8 sz 2+3 AX 34/13 lh.	TSAV4922-10001_	Titan Silver	without	1 pc
	TSAV4922-10004_	Titan Silver	without	25 pcs
stay arm Ø8 sz 4 AX 34/13 rh.	TSAV4931-10001_	Titan Silver	without	1 pc
	TSAV4931-10004_	Titan Silver	without	25 pcs
stay arm Ø8 sz 4 AX 34/13 lh.	TSAV4932-10001_	Titan Silver	without	1 pc
	TSAV4932-10004_	Titan Silver	without	25 pcs
stay arm Ø8 sz 5 AX 34/13 rh.	TSAV4941-10001_	Titan Silver	without	1 pc
	TSAV4941-10004_	Titan Silver	without	25 pcs
stay arm Ø8 sz 5 AX 34/13 lh.	TSAV4942-10001_	Titan Silver	without	1 pc
	TSAV4942-10004_	Titan Silver	without	25 pcs

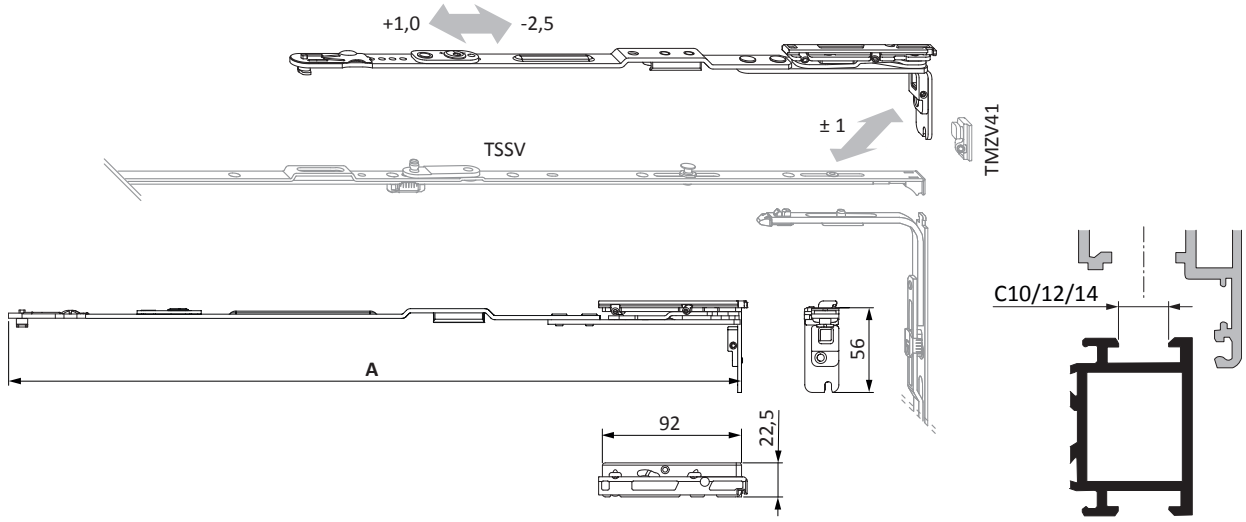
Technical information

Part number	Description	FFB	Dimensions (mm) A	Groove axis	sash weight	
TSAV4411-...	stay arm sz 1 AX C10/9 rh.	380 - 680	313	9	130 kg	0
TSAV4412-...	stay arm sz 1 AX C10/9 lh.	380 - 680	313	9	130 kg	0
TSAV4811-...	stay arm sz 1 AX C10/13 rh.	380 - 680	313	13	130 kg	0
TSAV4812-...	stay arm sz 1 AX C10/13 lh.	380 - 680	313	13	130 kg	0
TSAV4511-...	stay arm sz 1 AX C12/9 rh.	380 - 680	313	9	130 kg	0
TSAV4512-...	stay arm sz 1 AX C12/9 lh.	380 - 680	313	9	130 kg	0
TSAV4711-...	stay arm sz 1 AX C14/9 rh.	380 - 680	313	9	130 kg	0
TSAV4712-...	stay arm sz 1 AX C14/9 lh.	380 - 680	313	9	130 kg	0
TSAV4611-...	stay arm sz 1 AX C14/13 rh.	380 - 680	313	13	130 kg	0
TSAV4612-...	stay arm sz 1 AX C14/13 lh.	380 - 680	313	13	130 kg	0
TSAV4421-...	stay arm sz 2+3 AX C10/9 rh.	681 - 850	368	9	150 kg	0
TSAV4422-...	stay arm sz 2+3 AX C10/9 lh.	681 - 850	368	9	150 kg	0
TSAV4821-...	stay arm sz 2+3 AX C10/13 rh.	681 - 850	368	13	150 kg	0
TSAV4822-...	stay arm sz 2+3 AX C10/13 lh.	681 - 850	368	13	150 kg	0
TSAV4521-...	stay arm sz 2+3 AX C12/9 rh.	681 - 850	368	9	150 kg	0
TSAV4522-...	stay arm sz 2+3 AX C12/9 lh.	681 - 850	368	9	150 kg	0
TSAV4721-...	stay arm sz 2+3 AX C14/9 rh.	681 - 850	368	9	150 kg	0
TSAV4722-...	stay arm sz 2+3 AX C14/9 lh.	681 - 850	368	9	150 kg	0
TSAV4621-...	stay arm sz 2+3 AX C14/13 rh.	681 - 850	368	13	150 kg	0
TSAV4622-...	stay arm sz 2+3 AX C14/13 lh.	681 - 850	368	13	150 kg	0
TSAV4431-...	stay arm sz 4 AX C10/9 rh.	851 - 1050	398	9	150 kg	0
TSAV4432-...	stay arm sz 4 AX C10/9 lh.	851 - 1050	398	9	150 kg	0
TSAV4831-...	stay arm sz 4 AX C10/13 rh.	851 - 1050	398	13	150 kg	0
TSAV4832-...	stay arm sz 4 AX C10/13 lh.	851 - 1050	398	13	150 kg	0
TSAV4531-...	stay arm sz 4 AX C12/9 rh.	851 - 1050	398	9	150 kg	0
TSAV4532-...	stay arm sz 4 AX C12/9 lh.	851 - 1050	398	9	150 kg	0
TSAV4731-...	stay arm sz 4 AX C14/9 rh.	851 - 1050	398	9	150 kg	0
TSAV4732-...	stay arm sz 4 AX C14/9 lh.	851 - 1050	398	9	150 kg	0
TSAV4631-...	stay arm sz 4 AX C14/13 rh.	851 - 1050	398	13	150 kg	0
TSAV4632-...	stay arm sz 4 AX C14/13 lh.	851 - 1050	398	13	150 kg	0
TSAV4441-...	stay arm sz 5 AX C10/9 rh.	1051 - 1250	531	9	150 kg	0
TSAV4442-...	stay arm sz 5 AX C10/9 lh.	1051 - 1250	531	9	150 kg	0
TSAV4841-...	stay arm sz 5 AX C10/13 rh.	1051 - 1250	531	13	150 kg	0
TSAV4842-...	stay arm sz 5 AX C10/13 lh.	1051 - 1250	531	13	150 kg	0
TSAV4541-...	stay arm sz 5 AX C12/9 rh.	1051 - 1250	531	9	150 kg	0
TSAV4542-...	stay arm sz 5 AX C12/9 lh.	1051 - 1250	531	9	150 kg	0
TSAV4741-...	stay arm sz 5 AX C14/9 rh.	1051 - 1250	531	9	150 kg	0
TSAV4742-...	stay arm sz 5 AX C14/9 lh.	1051 - 1250	531	9	150 kg	0
TSAV4641-...	stay arm sz 5 AX C14/13 rh.	1051 - 1250	531	13	150 kg	0
TSAV4642-...	stay arm sz 5 AX C14/13 lh.	1051 - 1250	531	13	150 kg	0



- clampable
- for aluminium systems with 16 mm eurogroove (BAN)
- crt. profile-related accessories AX C required, see PDB TMZV41

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”



Sales information

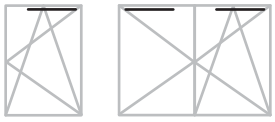
Description	Part number	Surface	Colour	Box quantity
stay arm sz 1 AX C10/9 rh.	TSAV4411-10001_	Titan Silver	without	1 pc
	TSAV4411-10004_	Titan Silver	without	25 pcs
stay arm sz 1 AX C10/9 lh.	TSAV4412-10001_	Titan Silver	without	1 pc
	TSAV4412-10004_	Titan Silver	without	25 pcs
stay arm sz 1 AX C10/13 rh.	TSAV4811-10001_	Titan Silver	without	1 pc
	TSAV4811-10004_	Titan Silver	without	25 pcs
stay arm sz 1 AX C10/13 lh.	TSAV4812-10001_	Titan Silver	without	1 pc
	TSAV4812-10004_	Titan Silver	without	25 pcs
stay arm sz 1 AX C12/9 rh.	TSAV4511-10001_	Titan Silver	without	1 pc
	TSAV4511-10004_	Titan Silver	without	25 pcs
stay arm sz 1 AX C12/9 lh.	TSAV4512-10001_	Titan Silver	without	1 pc
	TSAV4512-10004_	Titan Silver	without	25 pcs
stay arm sz 1 AX C14/9 rh.	TSAV4711-10001_	Titan Silver	without	1 pc
	TSAV4711-10004_	Titan Silver	without	25 pcs
stay arm sz 1 AX C14/9 lh.	TSAV4712-10001_	Titan Silver	without	1 pc
	TSAV4712-10004_	Titan Silver	without	25 pcs
stay arm sz 1 AX C14/13 rh.	TSAV4611-10001_	Titan Silver	without	1 pc
	TSAV4611-10004_	Titan Silver	without	25 pcs
stay arm sz 1 AX C14/13 lh.	TSAV4612-10001_	Titan Silver	without	1 pc
	TSAV4612-10004_	Titan Silver	without	25 pcs
stay arm sz 2+3 AX C10/9 rh.	TSAV4421-10001_	Titan Silver	without	1 pc
	TSAV4421-10004_	Titan Silver	without	25 pcs
stay arm sz 2+3 AX C10/9 lh.	TSAV4422-10001_	Titan Silver	without	1 pc
	TSAV4422-10004_	Titan Silver	without	25 pcs
stay arm sz 2+3 AX C10/13 rh.	TSAV4821-10001_	Titan Silver	without	1 pc
	TSAV4821-10004_	Titan Silver	without	25 pcs
stay arm sz 2+3 AX C10/13 lh.	TSAV4822-10001_	Titan Silver	without	1 pc
	TSAV4822-10004_	Titan Silver	without	25 pcs
stay arm sz 2+3 AX C12/9 rh.	TSAV4521-10001_	Titan Silver	without	1 pc
	TSAV4521-10004_	Titan Silver	without	25 pcs
stay arm sz 2+3 AX C12/9 lh.	TSAV4522-10001_	Titan Silver	without	1 pc
	TSAV4522-10004_	Titan Silver	without	25 pcs
stay arm sz 2+3 AX C14/9 rh.	TSAV4721-10001_	Titan Silver	without	1 pc
	TSAV4721-10004_	Titan Silver	without	25 pcs
stay arm sz 2+3 AX C14/9 lh.	TSAV4722-10001_	Titan Silver	without	1 pc
	TSAV4722-10004_	Titan Silver	without	25 pcs
stay arm sz 2+3 AX C14/13 rh.	TSAV4621-10001_	Titan Silver	without	1 pc
	TSAV4621-10004_	Titan Silver	without	25 pcs
stay arm sz 2+3 AX C14/13 lh.	TSAV4622-10001_	Titan Silver	without	1 pc
	TSAV4622-10004_	Titan Silver	without	25 pcs
stay arm sz 4 AX C10/9 rh.	TSAV4431-10001_	Titan Silver	without	1 pc
	TSAV4431-10004_	Titan Silver	without	25 pcs
stay arm sz 4 AX C10/9 lh.	TSAV4432-10001_	Titan Silver	without	1 pc
	TSAV4432-10004_	Titan Silver	without	25 pcs
stay arm sz 4 AX C10/13 rh.	TSAV4831-10001_	Titan Silver	without	1 pc
	TSAV4831-10004_	Titan Silver	without	25 pcs
stay arm sz 4 AX C10/13 lh.	TSAV4832-10001_	Titan Silver	without	1 pc
	TSAV4832-10004_	Titan Silver	without	25 pcs
stay arm sz 4 AX C12/9 rh.	TSAV4531-10001_	Titan Silver	without	1 pc
	TSAV4531-10004_	Titan Silver	without	25 pcs

Sales information

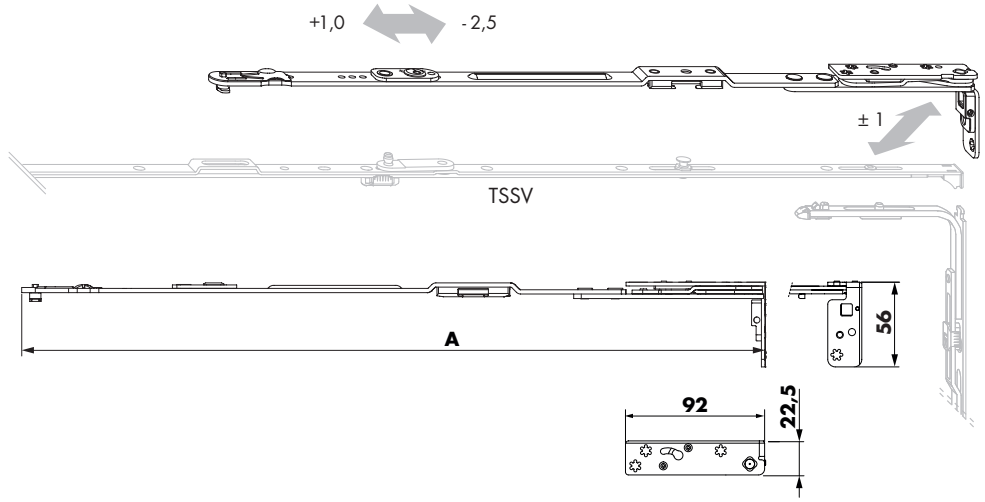
Description	Part number	Surface	Colour	Box quantity
stay arm sz 4 AX C12/9 lh.	TSAV4532-10001_	Titan Silver	without	1 pc
	TSAV4532-10004_	Titan Silver	without	25 pcs
stay arm sz 4 AX C14/9 rh.	TSAV4731-10001_	Titan Silver	without	1 pc
	TSAV4731-10004_	Titan Silver	without	25 pcs
stay arm sz 4 AX C14/9 lh.	TSAV4732-10001_	Titan Silver	without	1 pc
	TSAV4732-10004_	Titan Silver	without	25 pcs
stay arm sz 4 AX C14/13 rh.	TSAV4631-10001_	Titan Silver	without	1 pc
	TSAV4631-10004_	Titan Silver	without	25 pcs
stay arm sz 4 AX C14/13 lh.	TSAV4632-10001_	Titan Silver	without	1 pc
	TSAV4632-10004_	Titan Silver	without	25 pcs
stay arm sz 5 AX C10/9 rh.	TSAV4441-10001_	Titan Silver	without	1 pc
	TSAV4441-10004_	Titan Silver	without	25 pcs
stay arm sz 5 AX C10/9 lh.	TSAV4442-10001_	Titan Silver	without	1 pc
	TSAV4442-10004_	Titan Silver	without	25 pcs
stay arm sz 5 AX C10/13 rh.	TSAV4841-10001_	Titan Silver	without	1 pc
	TSAV4841-10004_	Titan Silver	without	25 pcs
stay arm sz 5 AX C10/13 lh.	TSAV4842-10001_	Titan Silver	without	1 pc
	TSAV4842-10004_	Titan Silver	without	25 pcs
stay arm sz 5 AX C12/9 rh.	TSAV4541-10001_	Titan Silver	without	1 pc
	TSAV4541-10004_	Titan Silver	without	25 pcs
stay arm sz 5 AX C12/9 lh.	TSAV4542-10001_	Titan Silver	without	1 pc
	TSAV4542-10004_	Titan Silver	without	25 pcs
stay arm sz 5 AX C14/9 rh.	TSAV4741-10001_	Titan Silver	without	1 pc
	TSAV4741-10004_	Titan Silver	without	25 pcs
stay arm sz 5 AX C14/9 lh.	TSAV4742-10001_	Titan Silver	without	1 pc
	TSAV4742-10004_	Titan Silver	without	25 pcs
stay arm sz 5 AX C14/13 rh.	TSAV4641-10001_	Titan Silver	without	1 pc
	TSAV4641-10004_	Titan Silver	without	25 pcs
stay arm sz 5 AX C14/13 lh.	TSAV4642-10001_	Titan Silver	without	1 pc
	TSAV4642-10004_	Titan Silver	without	25 pcs

Technical information

Part number	Description	FFB	Dimensions (mm) A	Groove axis	sash weight	
TSAV4151-...	stay arm TBT sz 1 AX 24/9 rh.	380 - 680	313	9	130 kg	5
TSAV4152-...	stay arm TBT sz 1 AX 24/9 lh.	380 - 680	313	9	130 kg	5
TSAV4051-...	stay arm TBT sz 1 AX 24/13 rh.	380 - 680	313	13	130 kg	5
TSAV4052-...	stay arm TBT sz 1 AX 24/13 lh.	380 - 680	313	13	130 kg	5
TSAV4161-...	stay arm TBT sz 2+3 AX 24/9 rh.	681 - 850	368	9	150 kg	5
TSAV4162-...	stay arm TBT sz 2+3 AX 24/9 lh.	681 - 850	368	9	150 kg	5
TSAV4061-...	stay arm TBT sz 2+3 AX 24/13 rh.	681 - 850	368	13	150 kg	5
TSAV4062-...	stay arm TBT sz 2+3 AX 24/13 lh.	681 - 850	368	13	150 kg	5
TSAV4171-...	stay arm TBT sz 4 AX 24/9 rh.	851 - 1050	398	9	150 kg	5
TSAV4172-...	stay arm TBT sz 4 AX 24/9 lh.	851 - 1050	398	9	150 kg	5
TSAV4071-...	stay arm TBT sz 4 AX 24/13 rh.	851 - 1050	398	13	150 kg	5
TSAV4072-...	stay arm TBT sz 4 AX 24/13 lh.	851 - 1050	398	13	150 kg	5
TSAV4181-...	stay arm TBT sz 5 AX 24/9 rh.	1051 - 1250	531	9	150 kg	5
TSAV4182-...	stay arm TBT sz 5 AX 24/9 lh.	1051 - 1250	531	9	150 kg	5
TSAV4081-...	stay arm TBT sz 5 AX 24/13 rh.	1051 - 1250	531	13	150 kg	5
TSAV4082-...	stay arm TBT sz 5 AX 24/13 lh.	1051 - 1250	531	13	150 kg	5



- A special screw with a shank diameter of 4.5 mm must be used to fix the component
- Fixing screws for the stay arm must be selected and fixed, so that the screw heads do not protrude beyond the respective base plate.
- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

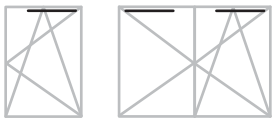


Sales information

Description	Part number	Surface	Colour	Box quantity
stay arm TBT sz 1 AX 24/9 rh.	TSAV4151-10001_	Titan Silver	without	1 pc
	TSAV4151-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 1 AX 24/9 lh.	TSAV4152-10001_	Titan Silver	without	1 pc
	TSAV4152-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 1 AX 24/13 rh.	TSAV4051-10001_	Titan Silver	without	1 pc
	TSAV4051-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 1 AX 24/13 lh.	TSAV4052-10001_	Titan Silver	without	1 pc
	TSAV4052-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 2+3 AX 24/9 rh.	TSAV4161-10001_	Titan Silver	without	1 pc
	TSAV4161-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 2+3 AX 24/9 lh.	TSAV4162-10001_	Titan Silver	without	1 pc
	TSAV4162-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 2+3 AX 24/13 rh.	TSAV4061-10001_	Titan Silver	without	1 pc
	TSAV4061-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 2+3 AX 24/13 lh.	TSAV4062-10001_	Titan Silver	without	1 pc
	TSAV4062-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 4 AX 24/9 rh.	TSAV4171-10001_	Titan Silver	without	1 pc
	TSAV4171-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 4 AX 24/9 lh.	TSAV4172-10001_	Titan Silver	without	1 pc
	TSAV4172-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 4 AX 24/13 rh.	TSAV4071-10001_	Titan Silver	without	1 pc
	TSAV4071-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 4 AX 24/13 lh.	TSAV4072-10001_	Titan Silver	without	1 pc
	TSAV4072-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 5 AX 24/9 rh.	TSAV4181-10001_	Titan Silver	without	1 pc
	TSAV4181-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 5 AX 24/9 lh.	TSAV4182-10001_	Titan Silver	without	1 pc
	TSAV4182-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 5 AX 24/13 rh.	TSAV4081-10001_	Titan Silver	without	1 pc
	TSAV4081-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 5 AX 24/13 lh.	TSAV4082-10001_	Titan Silver	without	1 pc
	TSAV4082-10004_	Titan Silver	without	25 pcs

Technical information

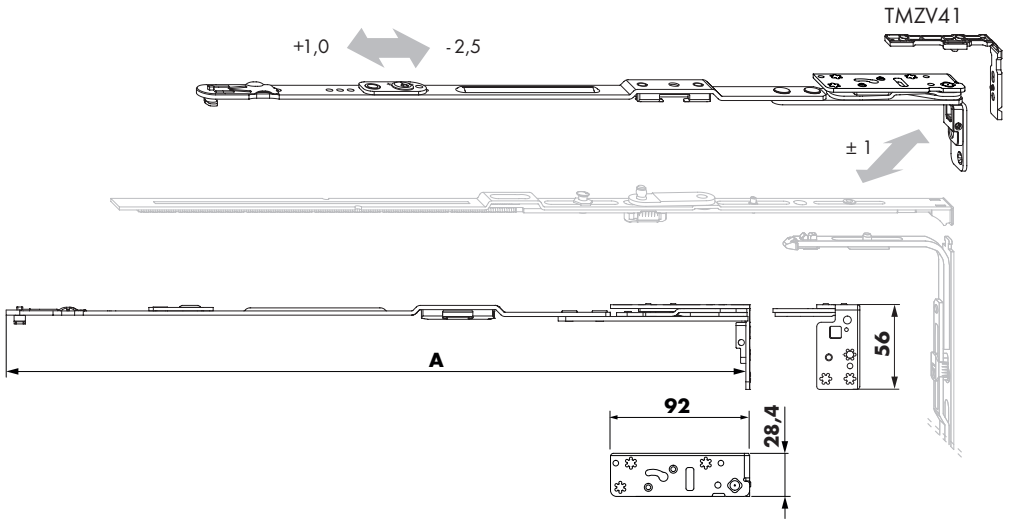
Part number	Description	FFB	Dimensions (mm) A	Groove axis	sash weight	
TSAV4251-...	stay arm TBT sz 1 AX 30/13 rh.	380 - 680	313	13	130 kg	6
TSAV4252-...	stay arm TBT sz 1 AX 30/13 lh.	380 - 680	313	13	130 kg	6
TSAV4261-...	stay arm TBT sz 2+3 AX 30/13 rh.	681 - 850	368	13	150 kg	6
TSAV4262-...	stay arm TBT sz 2+3 AX 30/13 lh.	681 - 850	368	13	150 kg	6
TSAV4271-...	stay arm TBT sz 4 AX 30/13 rh.	851 - 1050	398	13	150 kg	6
TSAV4272-...	stay arm TBT sz 4 AX 30/13 lh.	851 - 1050	398	13	150 kg	6
TSAV4281-...	stay arm TBT sz 5 AX 30/13 rh.	1051 - 1250	531	13	150 kg	6
TSAV4282-...	stay arm TBT sz 5 AX 30/13 lh.	1051 - 1250	531	13	150 kg	6



- A special screw with a shank diameter of 4.5 mm must be used to fix the component
- Fixing screws for the stay arm must be selected and fixed, so that the screw heads do not protrude beyond the respective base plate.
- Crt. accessory AX profile related, see PDB TMZV41 - only required for PVC elements

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

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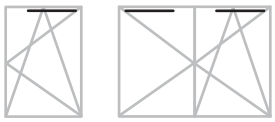


Sales information

Description	Part number	Surface	Colour	Box quantity
stay arm TBT sz 1 AX 30/13 rh.	TSAV4251-10001_	Titan Silver	without	1 pc
	TSAV4251-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 1 AX 30/13 lh.	TSAV4252-10001_	Titan Silver	without	1 pc
	TSAV4252-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 2+3 AX 30/13 rh.	TSAV4261-10001_	Titan Silver	without	1 pc
	TSAV4261-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 2+3 AX 30/13 lh.	TSAV4262-10001_	Titan Silver	without	1 pc
	TSAV4262-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 4 AX 30/13 rh.	TSAV4271-10001_	Titan Silver	without	1 pc
	TSAV4271-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 4 AX 30/13 lh.	TSAV4272-10001_	Titan Silver	without	1 pc
	TSAV4272-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 5 AX 30/13 rh.	TSAV4281-10001_	Titan Silver	without	1 pc
	TSAV4281-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 5 AX 30/13 lh.	TSAV4282-10001_	Titan Silver	without	1 pc
	TSAV4282-10004_	Titan Silver	without	25 pcs

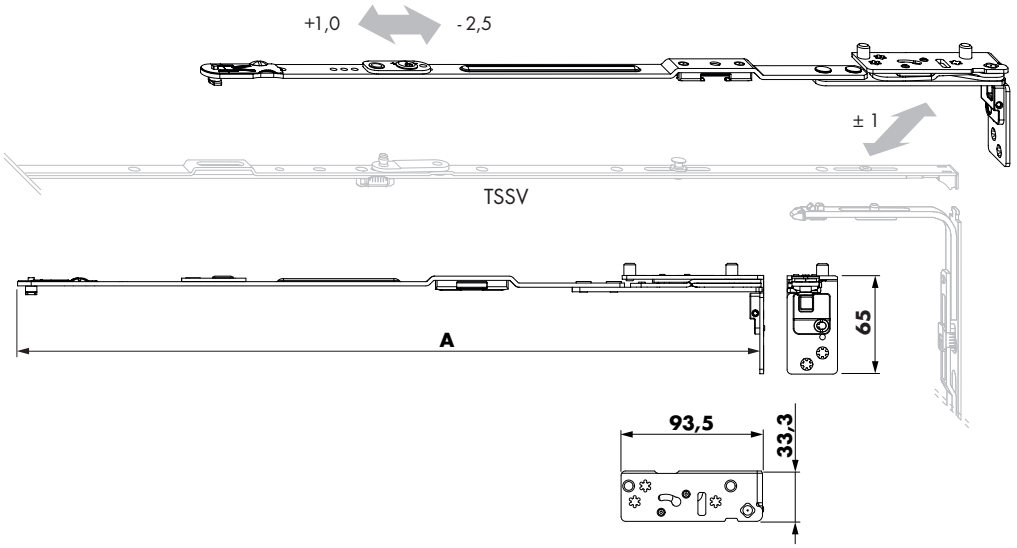
Technical information

Part number	Description	FFB	Dimensions (mm) A	Groove axis	sash weight	
TSAV4951-...	stay arm Ø8 TBT sz 1 AX 34/13 rh.	380 - 680	313	13	130 kg	6
TSAV4952-...	stay arm Ø8 TBT sz 1 AX 34/13 lh.	380 - 680	313	13	130 kg	6
TSAV4961-...	stay arm Ø8 TBT sz 2+3 AX 34/13 rh.	681 - 850	368	13	150 kg	6
TSAV4962-...	stay arm Ø8 TBT sz 2+3 AX 34/13 lh.	681 - 850	368	13	150 kg	6
TSAV4971-...	stay arm Ø8 TBT sz 4 AX 34/13 rh.	851 - 1050	398	13	150 kg	6
TSAV4972-...	stay arm Ø8 TBT sz 4 AX 34/13 lh.	851 - 1050	398	13	150 kg	6
TSAV4981-...	stay arm Ø8 TBT sz 5 AX 34/13 rh.	1051 - 1250	531	13	150 kg	6
TSAV4982-...	stay arm Ø8 TBT sz 5 AX 34/13 lh.	1051 - 1250	531	13	150 kg	6



- Fixing screws for the stay arm must be selected and fixed, so that the screw heads do not protrude beyond the respective base plate.
- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

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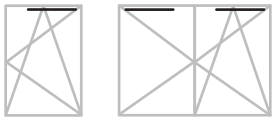


Sales information

Description	Part number	Surface	Colour	Box quantity
stay arm Ø8 TBT sz 1 AX 34/13 rh.	TSAV4951-10001_	Titan Silver	without	1 pc
	TSAV4951-10004_	Titan Silver	without	25 pcs
stay arm Ø8 TBT sz 1 AX 34/13 lh.	TSAV4952-10001_	Titan Silver	without	1 pc
	TSAV4952-10004_	Titan Silver	without	25 pcs
stay arm Ø8 TBT sz 2+3 AX 34/13 rh.	TSAV4961-10001_	Titan Silver	without	1 pc
	TSAV4961-10004_	Titan Silver	without	25 pcs
stay arm Ø8 TBT sz 2+3 AX 34/13 lh.	TSAV4962-10001_	Titan Silver	without	1 pc
	TSAV4962-10004_	Titan Silver	without	25 pcs
stay arm Ø8 TBT sz 4 AX 34/13 rh.	TSAV4971-10001_	Titan Silver	without	1 pc
	TSAV4971-10004_	Titan Silver	without	25 pcs
stay arm Ø8 TBT sz 4 AX 34/13 lh.	TSAV4972-10001_	Titan Silver	without	1 pc
	TSAV4972-10004_	Titan Silver	without	25 pcs
stay arm Ø8 TBT sz 5 AX 34/13 rh.	TSAV4981-10001_	Titan Silver	without	1 pc
	TSAV4981-10004_	Titan Silver	without	25 pcs
stay arm Ø8 TBT sz 5 AX 34/13 lh.	TSAV4982-10001_	Titan Silver	without	1 pc
	TSAV4982-10004_	Titan Silver	without	25 pcs

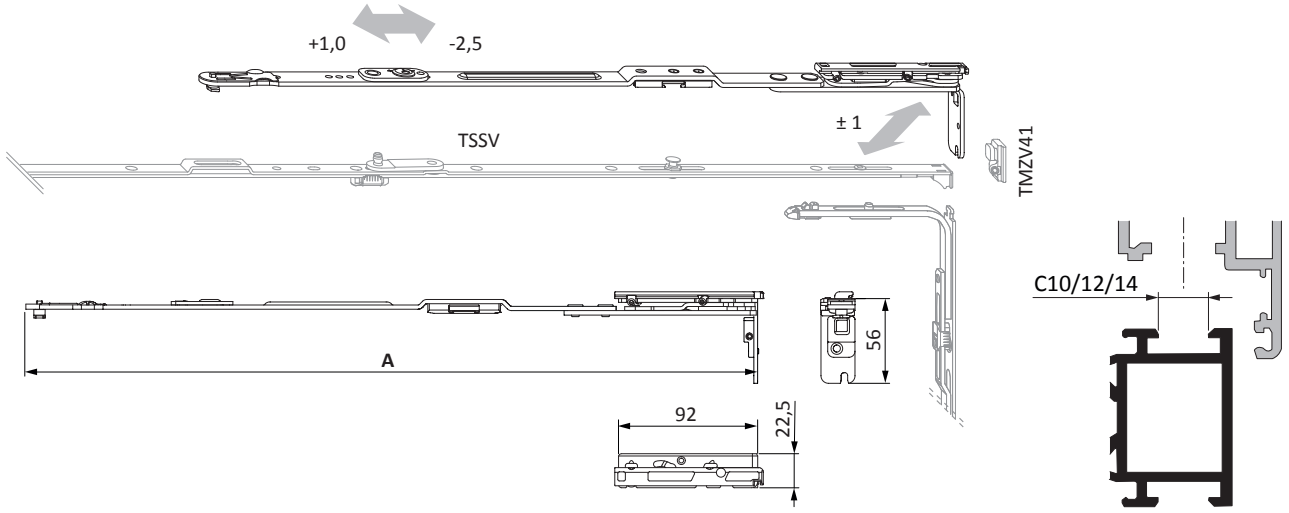
Technical information

Part number	Description	FFB	Dimensions (mm) A	Groove axis	sash weight	
TSAV4451-...	stay arm TBT sz 1 AX C10/9 rh.	380 - 680	313	9	130 kg	0
TSAV4452-...	stay arm TBT sz 1 AX C10/9 lh.	380 - 680	313	9	130 kg	0
TSAV4851-...	stay arm TBT sz 1 AX C10/13 rh.	380 - 680	313	13	130 kg	0
TSAV4852-...	stay arm TBT sz 1 AX C10/13 lh.	380 - 680	313	13	130 kg	0
TSAV4551-...	stay arm TBT sz 1 AX C12/9 rh.	380 - 680	313	9	130 kg	0
TSAV4552-...	stay arm TBT sz 1 AX C12/9 lh.	380 - 680	313	9	130 kg	0
TSAV4751-...	stay arm TBT sz 1 AX C14/9 rh.	380 - 680	313	9	130 kg	0
TSAV4752-...	stay arm TBT sz 1 AX C14/9 lh.	380 - 680	313	9	130 kg	0
TSAV4651-...	stay arm TBT sz 1 AX C14/13 rh.	380 - 680	313	13	130 kg	0
TSAV4652-...	stay arm TBT sz 1 AX C14/13 lh.	380 - 680	313	13	130 kg	0
TSAV4461-...	stay arm TBT sz 2+3 AX C10/9 rh.	681 - 850	368	9	150 kg	0
TSAV4462-...	stay arm TBT sz 2+3 AX C10/9 lh.	681 - 850	368	9	150 kg	0
TSAV4861-...	stay arm TBT sz 2+3 AX C10/13 rh.	681 - 850	368	13	150 kg	0
TSAV4862-...	stay arm TBT sz 2+3 AX C10/13 lh.	681 - 850	368	13	150 kg	0
TSAV4561-...	stay arm TBT sz 2+3 AX C12/9 rh.	681 - 850	368	9	150 kg	0
TSAV4562-...	stay arm TBT sz 2+3 AX C12/9 lh.	681 - 850	368	9	150 kg	0
TSAV4761-...	stay arm TBT sz 2+3 AX C14/9 rh.	681 - 850	368	9	150 kg	0
TSAV4762-...	stay arm TBT sz 2+3 AX C14/9 lh.	681 - 850	368	9	150 kg	0
TSAV4661-...	stay arm TBT sz 2+3 AX C14/13 rh.	681 - 850	368	13	150 kg	0
TSAV4662-...	stay arm TBT sz 2+3 AX C14/13 lh.	681 - 850	368	13	150 kg	0
TSAV4471-...	stay arm TBT sz 4 AX C10/9 rh.	851 - 1050	398	9	150 kg	0
TSAV4472-...	stay arm TBT sz 4 AX C10/9 lh.	851 - 1050	398	9	150 kg	0
TSAV4871-...	stay arm TBT sz 4 AX C10/13 rh.	851 - 1050	398	13	150 kg	0
TSAV4872-...	stay arm TBT sz 4 AX C10/13 lh.	851 - 1050	398	13	150 kg	0
TSAV4571-...	stay arm TBT sz 4 AX C12/9 rh.	851 - 1050	398	9	150 kg	0
TSAV4572-...	stay arm TBT sz 4 AX C12/9 lh.	851 - 1050	398	9	150 kg	0
TSAV4771-...	stay arm TBT sz 4 AX C14/9 rh.	851 - 1050	398	9	150 kg	0
TSAV4772-...	stay arm TBT sz 4 AX C14/9 lh.	851 - 1050	398	9	150 kg	0
TSAV4671-...	stay arm TBT sz 4 AX C14/13 rh.	851 - 1050	398	13	150 kg	0
TSAV4672-...	stay arm TBT sz 4 AX C14/13 lh.	851 - 1050	398	13	150 kg	0
TSAV4481-...	stay arm TBT sz 5 AX C10/9 rh.	1051 - 1250	531	9	150 kg	0
TSAV4482-...	stay arm TBT sz 5 AX C10/9 lh.	1051 - 1250	531	9	150 kg	0
TSAV4881-...	stay arm TBT sz 5 AX C10/13 rh.	1051 - 1250	531	13	150 kg	0
TSAV4882-...	stay arm TBT sz 5 AX C10/13 lh.	1051 - 1250	531	13	150 kg	0
TSAV4581-...	stay arm TBT sz 5 AX C12/9 rh.	1051 - 1250	531	9	150 kg	0
TSAV4582-...	stay arm TBT sz 5 AX C12/9 lh.	1051 - 1250	531	9	150 kg	0
TSAV4781-...	stay arm TBT sz 5 AX C14/9 rh.	1051 - 1250	531	9	150 kg	0
TSAV4782-...	stay arm TBT sz 5 AX C14/9 lh.	1051 - 1250	531	9	150 kg	0
TSAV4681-...	stay arm TBT sz 5 AX C14/13 rh.	1051 - 1250	531	13	150 kg	0
TSAV4682-...	stay arm TBT sz 5 AX C14/13 lh.	1051 - 1250	531	13	150 kg	0



- clampable
- for aluminium systems with 16 mm eurogroove (BAN)
- crt. profile-related accessories AX C required, see PDB TMZV41

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”



Sales information

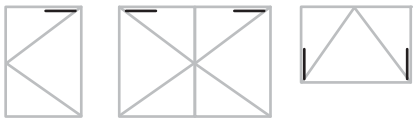
Description	Part number	Surface	Colour	Box quantity
stay arm TBT sz 1 AX C10/9 rh.	TSAV4451-10001_	Titan Silver	without	1 pc
	TSAV4451-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 1 AX C10/9 lh.	TSAV4452-10001_	Titan Silver	without	1 pc
	TSAV4452-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 1 AX C10/13 rh.	TSAV4851-10001_	Titan Silver	without	1 pc
	TSAV4851-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 1 AX C10/13 lh.	TSAV4852-10001_	Titan Silver	without	1 pc
	TSAV4852-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 1 AX C12/9 rh.	TSAV4551-10001_	Titan Silver	without	1 pc
	TSAV4551-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 1 AX C12/9 lh.	TSAV4552-10001_	Titan Silver	without	1 pc
	TSAV4552-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 1 AX C14/9 rh.	TSAV4751-10001_	Titan Silver	without	1 pc
	TSAV4751-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 1 AX C14/9 lh.	TSAV4752-10001_	Titan Silver	without	1 pc
	TSAV4752-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 1 AX C14/13 rh.	TSAV4651-10001_	Titan Silver	without	1 pc
	TSAV4651-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 1 AX C14/13 lh.	TSAV4652-10001_	Titan Silver	without	1 pc
	TSAV4652-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 2+3 AX C10/9 rh.	TSAV4461-10001_	Titan Silver	without	1 pc
	TSAV4461-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 2+3 AX C10/9 lh.	TSAV4462-10001_	Titan Silver	without	1 pc
	TSAV4462-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 2+3 AX C10/13 rh.	TSAV4861-10001_	Titan Silver	without	1 pc
	TSAV4861-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 2+3 AX C10/13 lh.	TSAV4862-10001_	Titan Silver	without	1 pc
	TSAV4862-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 2+3 AX C12/9 rh.	TSAV4561-10001_	Titan Silver	without	1 pc
	TSAV4561-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 2+3 AX C12/9 lh.	TSAV4562-10001_	Titan Silver	without	1 pc
	TSAV4562-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 2+3 AX C14/9 rh.	TSAV4761-10001_	Titan Silver	without	1 pc
	TSAV4761-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 2+3 AX C14/9 lh.	TSAV4762-10001_	Titan Silver	without	1 pc
	TSAV4762-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 2+3 AX C14/13 rh.	TSAV4661-10001_	Titan Silver	without	1 pc
	TSAV4661-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 2+3 AX C14/13 lh.	TSAV4662-10001_	Titan Silver	without	1 pc
	TSAV4662-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 4 AX C10/9 rh.	TSAV4471-10001_	Titan Silver	without	1 pc
	TSAV4471-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 4 AX C10/9 lh.	TSAV4472-10001_	Titan Silver	without	1 pc
	TSAV4472-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 4 AX C10/13 rh.	TSAV4871-10001_	Titan Silver	without	1 pc
	TSAV4871-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 4 AX C10/13 lh.	TSAV4872-10001_	Titan Silver	without	1 pc
	TSAV4872-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 4 AX C12/9 rh.	TSAV4571-10001_	Titan Silver	without	1 pc
	TSAV4571-10004_	Titan Silver	without	25 pcs

Sales information

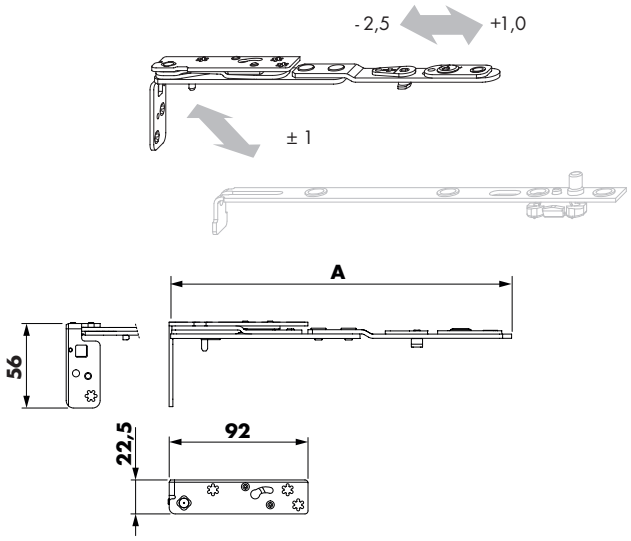
Description	Part number	Surface	Colour	Box quantity
stay arm TBT sz 4 AX C12/9 lh.	TSAV4572-10001_	Titan Silver	without	1 pc
	TSAV4572-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 4 AX C14/9 rh.	TSAV4771-10001_	Titan Silver	without	1 pc
	TSAV4771-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 4 AX C14/9 lh.	TSAV4772-10001_	Titan Silver	without	1 pc
	TSAV4772-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 4 AX C14/13 rh.	TSAV4671-10001_	Titan Silver	without	1 pc
	TSAV4671-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 4 AX C14/13 lh.	TSAV4672-10001_	Titan Silver	without	1 pc
	TSAV4672-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 5 AX C10/9 rh.	TSAV4481-10001_	Titan Silver	without	1 pc
	TSAV4481-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 5 AX C10/9 lh.	TSAV4482-10001_	Titan Silver	without	1 pc
	TSAV4482-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 5 AX C10/13 rh.	TSAV4881-10001_	Titan Silver	without	1 pc
	TSAV4881-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 5 AX C10/13 lh.	TSAV4882-10001_	Titan Silver	without	1 pc
	TSAV4882-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 5 AX C12/9 rh.	TSAV4581-10001_	Titan Silver	without	1 pc
	TSAV4581-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 5 AX C12/9 lh.	TSAV4582-10001_	Titan Silver	without	1 pc
	TSAV4582-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 5 AX C14/9 rh.	TSAV4781-10001_	Titan Silver	without	1 pc
	TSAV4781-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 5 AX C14/9 lh.	TSAV4782-10001_	Titan Silver	without	1 pc
	TSAV4782-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 5 AX C14/13 rh.	TSAV4681-10001_	Titan Silver	without	1 pc
	TSAV4681-10004_	Titan Silver	without	25 pcs
stay arm TBT sz 5 AX C14/13 lh.	TSAV4682-10001_	Titan Silver	without	1 pc
	TSAV4682-10004_	Titan Silver	without	25 pcs

Technical information

Part number	Description	Dimensions (mm) A	Groove axis	sash weight	
TSAV4191-...	stay arm DF AX 24/9 rh.	228	9	100 kg	5
TSAV4192-...	stay arm DF AX 24/9 lh.	228	9	100 kg	5
TSAV4091-...	stay arm DF AX 24/13 rh.	228	13	100 kg	5
TSAV4092-...	stay arm DF AX 24/13 lh.	228	13	100 kg	5



- The range of application conforms to the connecting components
- A special screw with a shank diameter of 4.5 mm must be used to fix the component
- Fixing screws for the stay arm must be selected and fixed, so that the screw heads do not protrude beyond the respective base plate.
- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

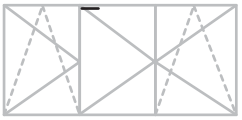


Sales information

Description	Part number	Surface	Colour	Box quantity
stay arm DF AX 24/9 rh.	TSAV4191-10001_	Titan Silver	without	1 pc
	TSAV4191-10004_	Titan Silver	without	25 pcs
stay arm DF AX 24/9 lh.	TSAV4192-10001_	Titan Silver	without	1 pc
	TSAV4192-10004_	Titan Silver	without	25 pcs
stay arm DF AX 24/13 rh.	TSAV4091-10001_	Titan Silver	without	1 pc
	TSAV4091-10004_	Titan Silver	without	25 pcs
stay arm DF AX 24/13 lh.	TSAV4092-10001_	Titan Silver	without	1 pc
	TSAV4092-10004_	Titan Silver	without	25 pcs

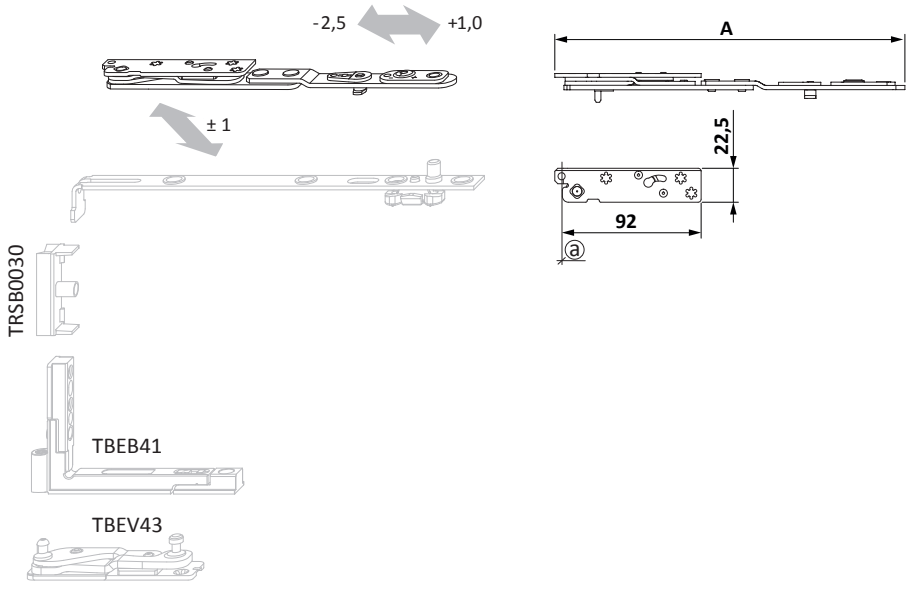
Technical information

Part number	Description	Dimensions (mm) A	Groove axis	sash weight	
TSAV4101-...	stay arm DF/3 AX 24/13 rh.	233	13	80 kg	4
TSAV4102-...	stay arm DF/3 AX 24/13 lh.	233	13	80 kg	4
TSAV4201-...	stay arm DF/3 AX 24/9 rh.	233	9	80 kg	4
TSAV4202-...	stay arm DF/3 AX 24/9 lh.	233	9	80 kg	4



- The range of application conforms to the connecting components
- A special screw with a shank diameter of 4.5 mm must be used to fix the component
- Fixing screws for the stay arm must be selected and fixed, so that the screw heads do not protrude beyond the respective base plate.
- a = sash rebate edge slave sash

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

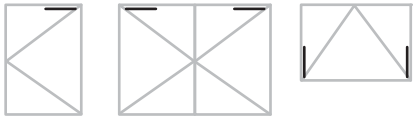


Sales information

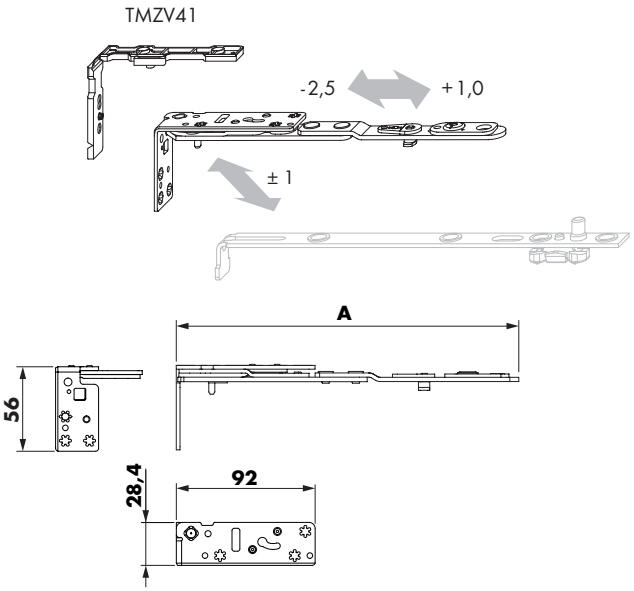
Description	Part number	Surface	Colour	Box quantity
stay arm DF/3 AX 24/13 rh.	TSAV4101-10001_	Titan Silver	without	1 pc
	TSAV4101-10004_	Titan Silver	without	25 pcs
stay arm DF/3 AX 24/13 lh.	TSAV4102-10001_	Titan Silver	without	1 pc
	TSAV4102-10004_	Titan Silver	without	25 pcs
stay arm DF/3 AX 24/9 rh.	TSAV4201-10001_	Titan Silver	without	1 pc
	TSAV4201-10004_	Titan Silver	without	25 pcs
stay arm DF/3 AX 24/9 lh.	TSAV4202-10001_	Titan Silver	without	1 pc
	TSAV4202-10004_	Titan Silver	without	25 pcs

Technical information

Part number	Description	Dimensions (mm) A	Groove axis	sash weight	
TSAV4291-...	stay arm DF AX 30/13 rh.	228	13	100 kg	6
TSAV4292-...	stay arm DF AX 30/13 lh.	228	13	100 kg	6



- The range of application conforms to the connecting components
- Crt. accessory AX profile related, see PDB TMZV41 - only required for PVC elements
- A special screw with a shank diameter of 4.5 mm must be used to fix the component
- Fixing screws for the stay arm must be selected and fixed, so that the screw heads do not protrude beyond the respective base plate.
- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

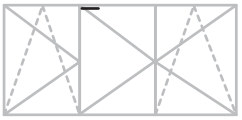


Sales information

Description	Part number	Surface	Colour	Box quantity
stay arm DF AX 30/13 rh.	TSAV4291-10001_	Titan Silver	without	1 pc
	TSAV4291-10004_	Titan Silver	without	25 pcs
stay arm DF AX 30/13 lh.	TSAV4292-10001_	Titan Silver	without	1 pc
	TSAV4292-10004_	Titan Silver	without	25 pcs

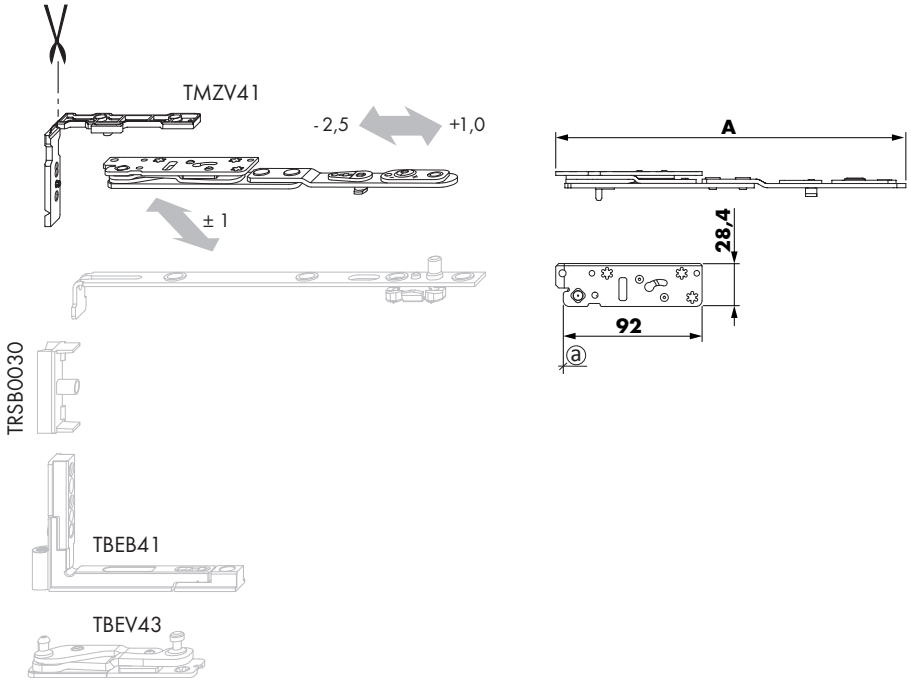
Technical information

Part number	Description	Dimensions (mm) A	Groove axis	sash weight	
TSAV4301-...	stay arm DF/3 AX 30/13 rh.	233	13	80 kg	4
TSAV4302-...	stay arm DF/3 AX 30/13 lh.	233	13	80 kg	4



- The range of application conforms to the connecting components
- Crt. accessory AX profile related, see PDB TMZV41 - only required for PVC elements
- Trim packer TMZV41 as illustrated
- A special screw with a shank diameter of 4.5 mm must be used to fix the component
- Fixing screws for the stay arm must be selected and fixed, so that the screw heads do not protrude beyond the respective base plate.
- a = sash rebate edge slave sash

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

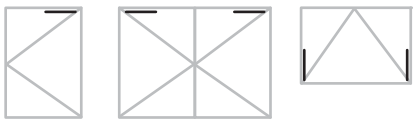


Sales information

Description	Part number	Surface	Colour	Box quantity
stay arm DF/3 AX 30/13 rh.	TSAV4301-10001_	Titan Silver	without	1 pc
	TSAV4301-10004_	Titan Silver	without	25 pcs
stay arm DF/3 AX 30/13 lh.	TSAV4302-10001_	Titan Silver	without	1 pc
	TSAV4302-10004_	Titan Silver	without	25 pcs

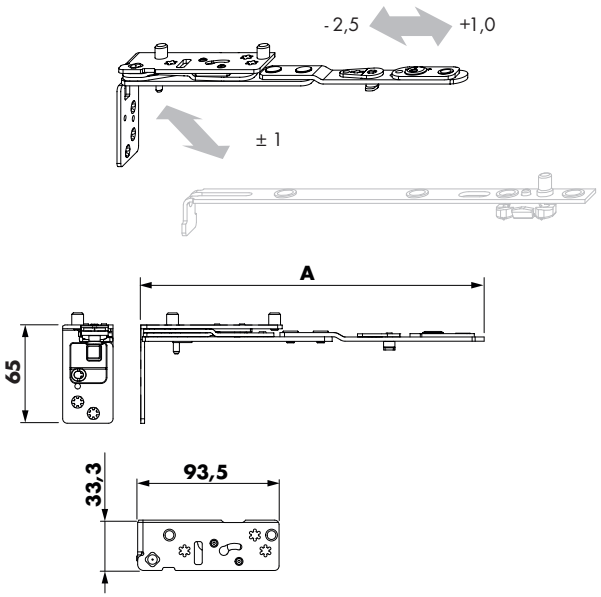
Technical information

Part number	Description	Dimensions (mm) A	Groove axis	sash weight	
TSAV4991-...	stay arm Ø8 DF AX 34/13 rh.	228	13	100 kg	6
TSAV4992-...	stay arm Ø8 DF AX 34/13 lh.	228	13	100 kg	6



- The range of application conforms to the connecting components
- A special screw with a shank diameter of 4.5 mm must be used to fix the component

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

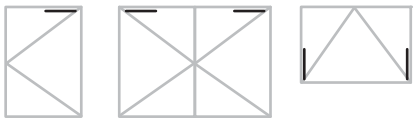


Sales information

Description	Part number	Surface	Colour	Box quantity
stay arm Ø8 DF AX 34/13 rh.	TSAV4991-10001_	Titan Silver	without	1 pc
	TSAV4991-10004_	Titan Silver	without	25 pcs
stay arm Ø8 DF AX 34/13 lh.	TSAV4992-10001_	Titan Silver	without	1 pc
	TSAV4992-10004_	Titan Silver	without	25 pcs

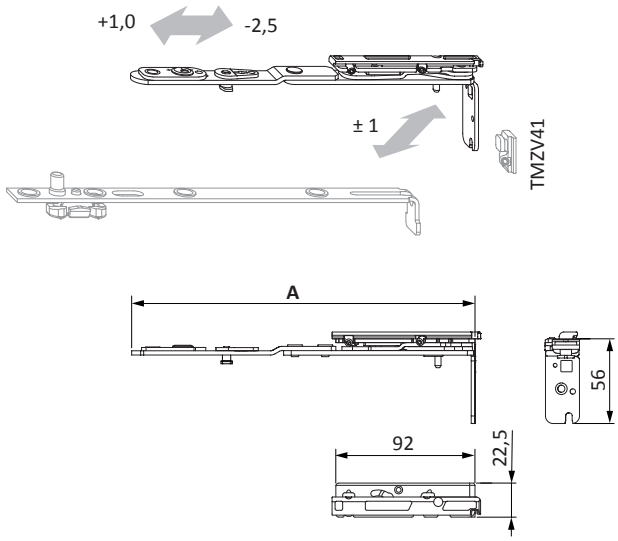
Technical information

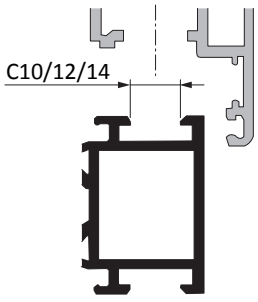
Part number	Description	Dimensions (mm) A	Groove axis	sash weight	
TSAV4491-...	stay arm DF AX C10/9 rh.	228	9	100 kg	0
TSAV4492-...	stay arm DF AX C10/9 lh.	228	9	100 kg	0
TSAV4891-...	stay arm DF AX C10/13 rh.	228	13	100 kg	0
TSAV4892-...	stay arm DF AX C10/13 lh.	228	13	100 kg	0
TSAV4591-...	stay arm DF AX C12/9 rh.	228	9	100 kg	0
TSAV4592-...	stay arm DF AX C12/9 lh.	228	9	100 kg	0
TSAV4791-...	stay arm DF AX C14/9 rh.	228	9	100 kg	0
TSAV4792-...	stay arm DF AX C14/9 lh.	228	9	100 kg	0
TSAV4691-...	stay arm DF AX C14/13 rh.	228	13	100 kg	0
TSAV4692-...	stay arm DF AX C14/13 lh.	228	13	100 kg	0



- clampable
- for aluminium systems with 16 mm eurogroove (BAN)
- The range of application conforms to the connecting components
- crt. profile-related accessories AX C required, see PDB TMZV41

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”





Sales information

Description	Part number	Surface	Colour	Box quantity
stay arm DF AX C10/9 rh.	TSAV4491-10001_	Titan Silver	without	1 pc
	TSAV4491-10004_	Titan Silver	without	25 pcs
stay arm DF AX C10/9 lh.	TSAV4492-10001_	Titan Silver	without	1 pc
	TSAV4492-10004_	Titan Silver	without	25 pcs
stay arm DF AX C10/13 rh.	TSAV4891-10001_	Titan Silver	without	1 pc
	TSAV4891-10004_	Titan Silver	without	25 pcs
stay arm DF AX C10/13 lh.	TSAV4892-10001_	Titan Silver	without	1 pc
	TSAV4892-10004_	Titan Silver	without	25 pcs
stay arm DF AX C12/9 rh.	TSAV4591-10001_	Titan Silver	without	1 pc
	TSAV4591-10004_	Titan Silver	without	25 pcs
stay arm DF AX C12/9 lh.	TSAV4592-10001_	Titan Silver	without	1 pc
	TSAV4592-10004_	Titan Silver	without	25 pcs
stay arm DF AX C14/9 rh.	TSAV4791-10001_	Titan Silver	without	1 pc
	TSAV4791-10004_	Titan Silver	without	25 pcs
stay arm DF AX C14/9 lh.	TSAV4792-10001_	Titan Silver	without	1 pc
	TSAV4792-10004_	Titan Silver	without	25 pcs
stay arm DF AX C14/13 rh.	TSAV4691-10001_	Titan Silver	without	1 pc
	TSAV4691-10004_	Titan Silver	without	25 pcs
stay arm DF AX C14/13 lh.	TSAV4692-10001_	Titan Silver	without	1 pc
	TSAV4692-10004_	Titan Silver	without	25 pcs

Technical information

Part number	Description
TFKB0040-...	tilt restrictor V-V sz 2-4 ..
TFKB0050-...	tilt restrictor V-V sz 5 ..

- When using the tilt restrictor V-V, a separate mishandling device is required!
- Restricts the scissor stay's projecting depth to 100 mm
- Only applicable on single-sashed elements and in secondary sashes main sash
- Notice for hinge system axxent SE:
  The tilt restrictor must be used on all units with weights > 100 kg.



Sales information

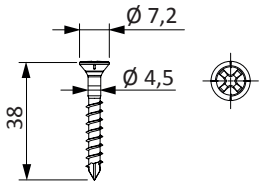
Description	Part number	Surface	Colour	Box quantity
tilt restrictor V-V sz 2-4 ..	TFKB0040-02301_	neutral	RAL9005	1 pc
	TFKB0040-02306_	neutral	RAL9005	100 pcs
tilt restrictor V-V sz 5 ..	TFKB0050-02301_	neutral	RAL9005	1 pc
	TFKB0050-02306_	neutral	RAL9005	100 pcs

Technical information

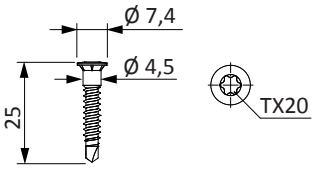
Part number	Description
ZXSC0010-...	S-screws 4,5x38
ZXSC0020-...	S-screws PVC TX20 4,5x25

- To screw the bottom hinge and axxent 24+ stay arm
- The ZXSC0020 s-screw is not suitable for screwing into timber.

ZXSC0010



ZXSC0020



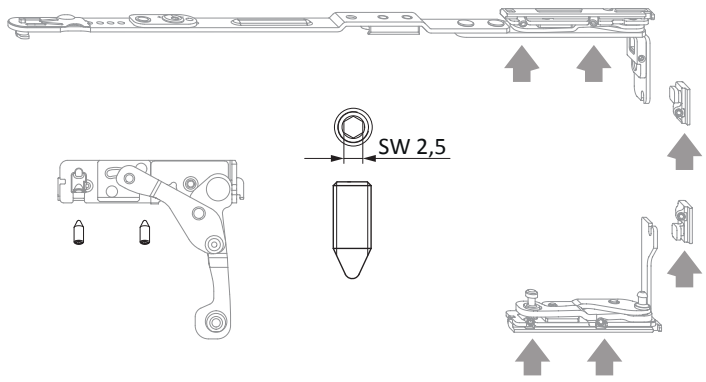
Sales information

Description	Part number	Surface	Colour	Box quantity
S-screws 4,5x38	ZXSC0010-10001_	Titan Silver	without	1 pc
	ZXSC0010-10006_	Titan Silver	without	100 pcs
S-screws PVC TX20 4,5x25	ZXSC0020-10008_	Titan Silver	without	500 pcs

Technical information

Part number	Description
ZXSC4200-...	grub screw AX C M5x12,8 ..

- For fixing the axxent 24+ bearing components in the clampable version.
- Spare part, the grub screw is included in the packaging unit of the bearing components.



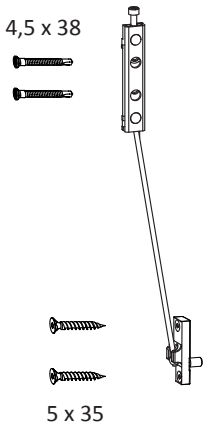
Sales information

Description	Part number	Surface	Colour	Box quantity
grub screw AX C M5x12,8 ..	ZXSC4200-10004_	Titan Silver	without	25 pcs

Technical information

Part number	Description
TMZV4000-...	bag load transfer AX24+

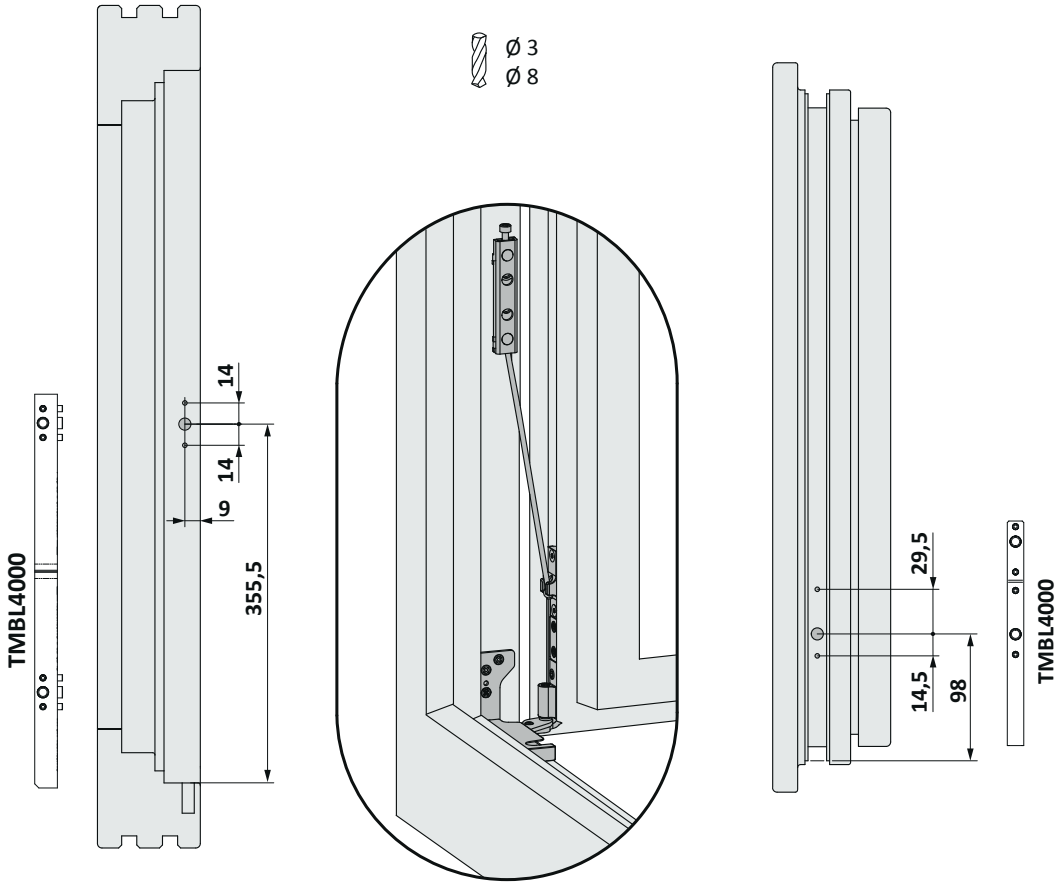
- For elements of up to 185 kg sash weight.
- With sash weights > 150 kg:
  - The type of wood used must have a density 0,60 g/cm^3
  - Preferably use oak or a similarly hard wood
- Grease the ball bearing before installation.
- RC2 not possible
- Use enclosed screws for mounting.



Sales information

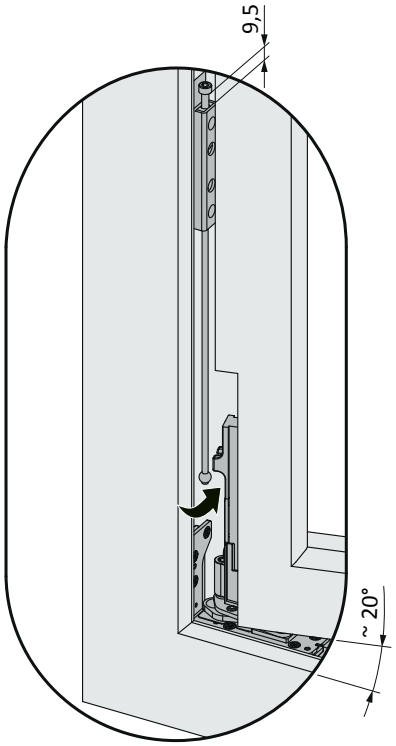
Description	Part number	Surface	Colour	Box quantity
bag load transfer AX24+	TMZV4000-10001_	Titan Silver	without	1 pc
	TMZV4000-10002_	Titan Silver	without	10 pcs

Drill holes and routings

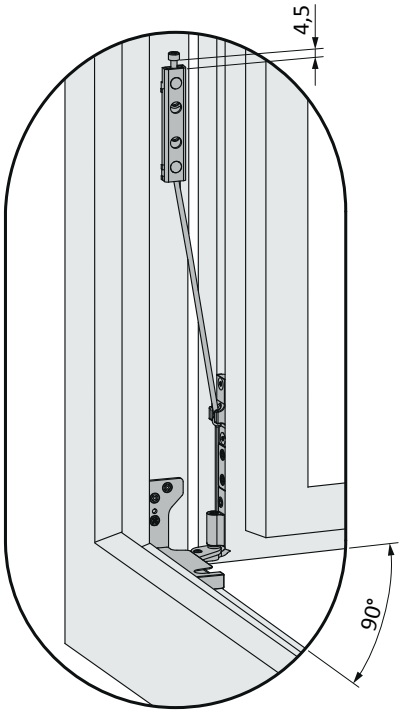


Installation advice

- Hanging the load transfer:
  1. Drill holes.
  2. Hang sash. Load transfer is not engaged.
  3. Adjusting screw of the load transfer must be in the delivery state (dimension 9.5mm).
  4. Turn the sash open slightly (~ 20° opening angle).



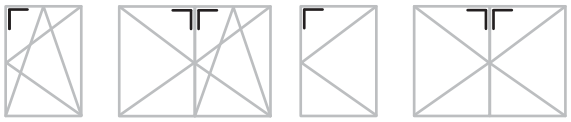
5. Insert the ball of the suspension cable into the top hinge (sash part)
6. Open sash 90°.
7. Adjust the height of the adjusting screw in such a way that the suspension cable is in tension from an opening angle of approx. 20°. (Dimension ~ 4.5mm).



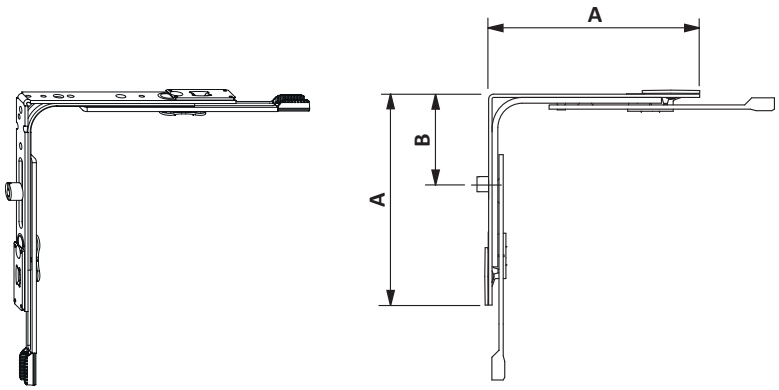
Description	Material	Page
corner drive VSO	FEUL0230	9 - 2
corner drive VSO narrow	FEUL0520	9 - 3
corner drive VS S	FEUL0510, 284186, 284193, 884959	9 - 4
corner drive VS S narrow	FEUL0530	9 - 5
corner drive VSU S	FEUL1500, FEUL1510	9 - 6
corner drive VSO/SP-S	FEUL0020	9 - 7
corner drive VSO/SP-S S	FEUL0560	9 - 8
corner drive ES040	FMEU0030	9 - 9
corner drive VS/MSP S	FEUL0540, FMMS0010, FMMS0040, FMMS0050, FMMS0060, FMMS0070, FMMS0080, FMMS0090, FMMS0100, FMMS0020	9 - 10
corner drive VSU/BS	FEUL2070, FEUL2080, FEUL2090, FEUL2630	9 - 12
corner drive BS	FEUL2100, FEUL2110, FEUL2120, FEUL2130, FEUL2140	9 - 14
corner drive BS	FEUL2210, FEUL2220, FEUL2230, FEUL2240	9 - 16
tilt lock bearing FAV/FH	FEKB1010, 710258, 717950	9 - 18
locking bolt VSO	703267	9 - 19
locking bolt reverse-action	703250	9 - 20
locking bolt 90°	703236	9 - 21
locking bolt 180°	703229	9 - 22

Technical information

Part number	Description	Dimensions (mm)			
		A	B		
FEUL0230-...	corn.drive VSO ..	140	63	1	4



- The range of application conforms to the connecting components

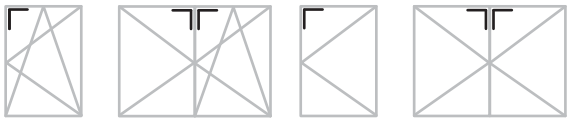


Sales information

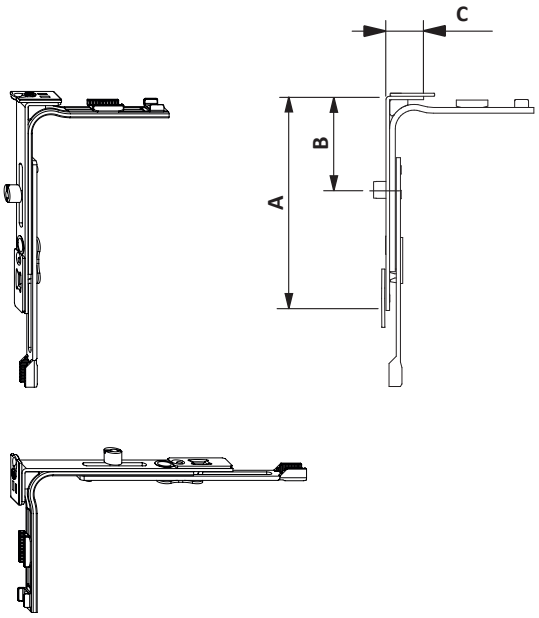
Description	Part number	Surface	Colour	Box quantity
corn.drive VSO ..	FEUL0230-10001_	Titan Silver	without	1 pc
	FEUL0230-10005_	Titan Silver	without	50 pcs

Technical information

Part number	Description	Dimensions (mm)				
		A	B	C		
FEUL0520-...	corn.drive narrow VSO ..	140	63	25	1	2



- The range of application conforms to the connecting components

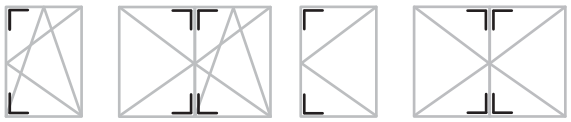


Sales information

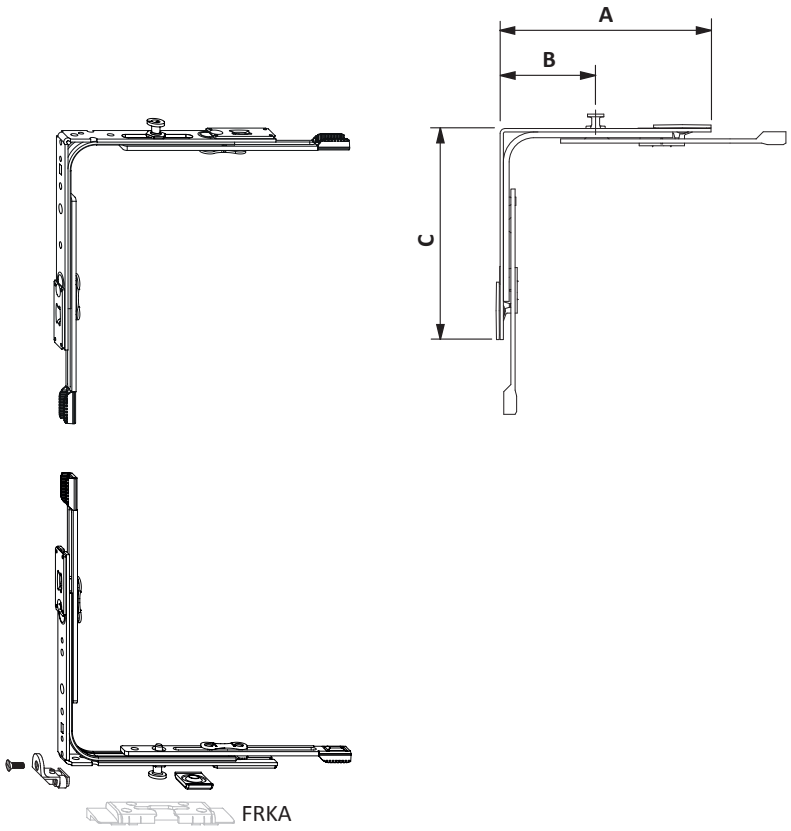
Description	Part number	Surface	Colour	Box quantity
corn.drive narrow VSO ..	FEUL0520-10001_	Titan Silver	without	1 pc
	FEUL0520-10005_	Titan Silver	without	50 pcs

Technical information

Part number	Description	FFB	FFH	Dimensions (mm)			Groove axis		
				A	B	C			
FEUL0510-...	corn.drive FAV VS 1S ..	410 - 1560	365 - 2360	140	63	140	-	1	4
284186	bag sash lift S-ES 9	-	-	-	-	-	9	-	-
284193	bag sash lift S-ES 13	-	-	-	-	-	13	-	-
884959	run-up ..	-	-	-	-	-	-	-	1



- The range of application conforms to the connecting components
- for 3-point security with mushroom cam
- Tilt lock bearing S-ES (SL-S) FH profile-related, refer to PDB line item FRKA (FRKJ)

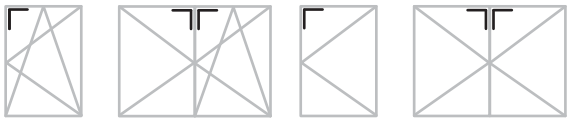


Sales information

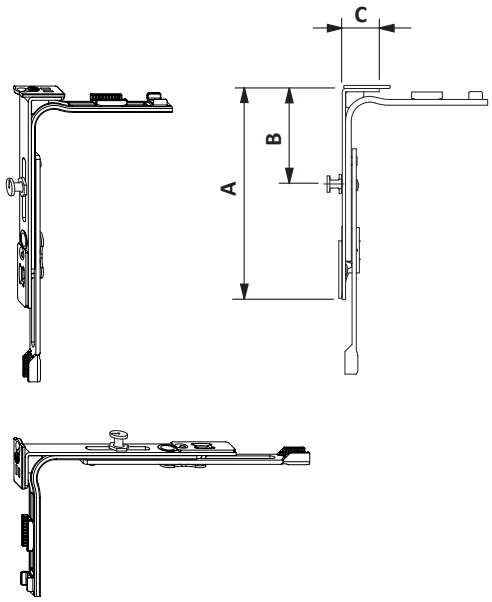
Description	Part number	Surface	Colour	Box quantity
corn.drive FAV VS 1S ..	FEUL0510-10001_	Titan Silver	without	1 pc
	FEUL0510-10005_	Titan Silver	without	50 pcs
	FEUL0510-10030_	Titan Silver	without	1200 pcs
bag sash lift S-ES 9	284186	Titan Silver	without	100 pcs
bag sash lift S-ES 13	284193	Titan Silver	without	100 pcs
run-up ..	884959	neutral	silver	1 pc
	273227	neutral	silver	500 pcs

Technical information

Part number	Description	Dimensions (mm)				
		A	B	C		
FEUL0530-...	corn.drive FAV VSO narrow 1S ..	140	63	25	1	2



- The range of application conforms to the connecting components
- for 3-point security with mushroom cam

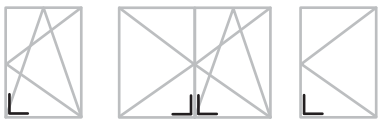


Sales information

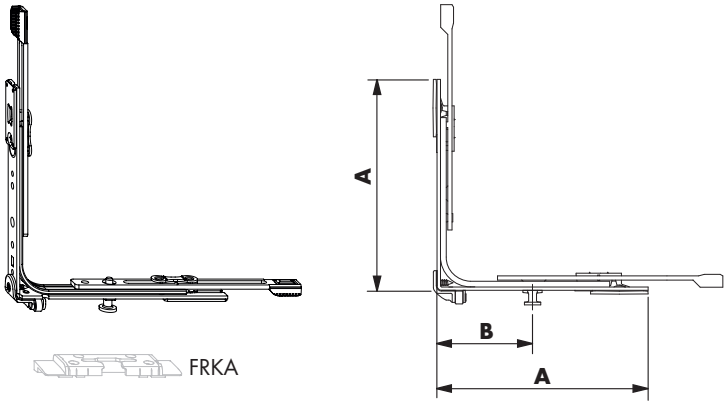
Description	Part number	Surface	Colour	Box quantity
corn.drive FAV VSO narrow 1S ..	FEUL0530-10001_	Titan Silver	without	1 pc
	FEUL0530-10005_	Titan Silver	without	50 pcs

Technical information

Part number	Description	FFB	FFH	Dimensions (mm)		Groove axis		
				A	B			
FEUL1500-...	corn.drive FAV VSU 1S FH 13	290 - 1560	365 - 2360	140	63	13	1	4
FEUL1510-...	corn.drive FAV VSU 1S FH 9	290 - 1560	365 - 2360	140	63	9	1	4



- The range of application conforms to the connecting components
- With preassembled sash lift
- Tilt lock bearing S-ES (SL-S) FH profile-related, refer to PDB line item FRKA (FRKJ)

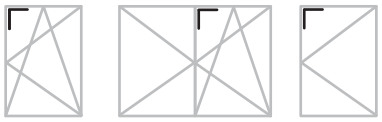


Sales information

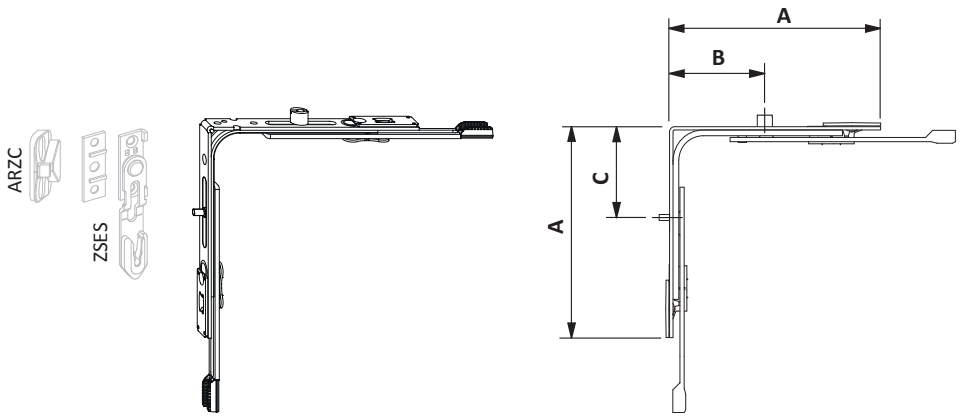
Description	Part number	Surface	Colour	Box quantity
corn.drive FAV VSU 1S FH 13	FEUL1500-10001_	Titan Silver	without	1 pc
	FEUL1500-10005_	Titan Silver	without	50 pcs
corn.drive FAV VSU 1S FH 9	FEUL1510-10001_	Titan Silver	without	1 pc
	FEUL1510-10005_	Titan Silver	without	50 pcs

Technical information

Part number	Description	Dimensions (mm)				
		A	B	C		
FEUL0020-...	corn.drive VSO SP-S ..	140	63	60	1	4



- Enables the sash to be tilted in an energy saving night-vent position
- Integrated anti-slam device in the tilt position
- Required part on master sash for the use of energy saving stay ZSES
- Suitable for night vent striker plate DT, refer to PDB line item ARZC
- The range of application conforms to the connecting components

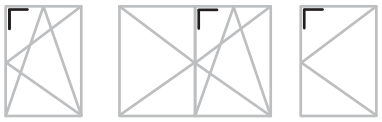


Sales information

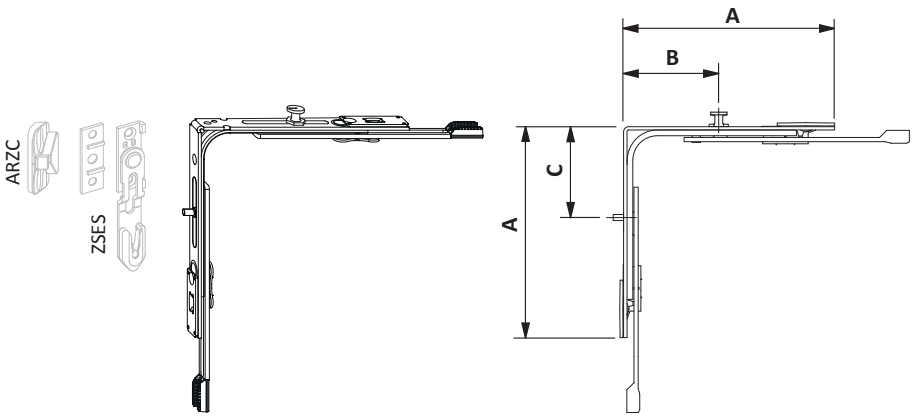
Description	Part number	Surface	Colour	Box quantity
corn.drive VSO SP-S ..	FEUL0020-10001_	Titan Silver	without	1 pc
	FEUL0020-10005_	Titan Silver	without	50 pcs

Technical information

Part number	Description	FFB	FFH	Dimensions (mm)				
				A	B	C		
FEUL0560-...	corn.drive FAV VSO SP 1S ..	410 - 1560	365 - 2360	140	63	60	1	4



- Enables the sash to be tilted in an energy saving night-vent position
- Integrated anti-slam device in the tilt position
- Required part on master sash for the use of energy saving stay ZSES
- Suitable for night vent striker plate DT, refer to PDB line item ARZC
- The range of application conforms to the connecting components
- for 3-point security with mushroom cam

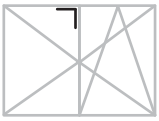


Sales information

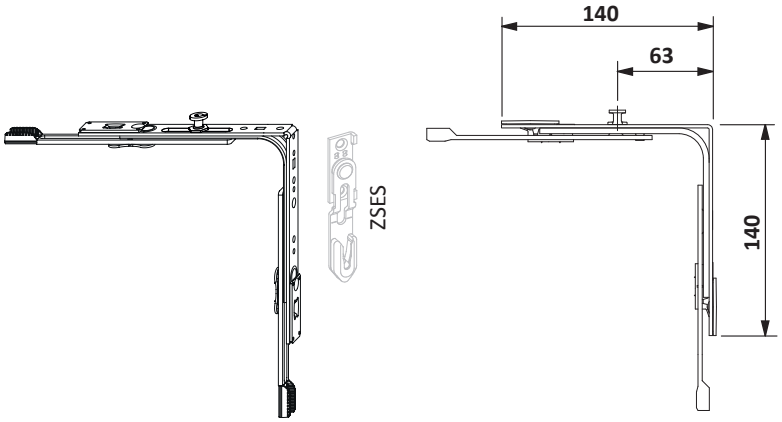
Description	Part number	Surface	Colour	Box quantity
corn.drive FAV VSO SP 1S ..	FEUL0560-10001_	Titan Silver	without	1 pc
	FEUL0560-10005_	Titan Silver	without	50 pcs

Technical information

Part number	Description
FMEU0030-...	corn.drive ES040 sec.sash



- Required part on slave sash for the use of energy saving stay ZSES
- The range of application conforms to the connecting components



Sales information

Description	Part number	Surface	Colour	Box quantity
corn.drive ES040 sec.sash	FMEU0030-10001_	Titan Silver	without	1 pc
	FMEU0030-10004_	Titan Silver	without	25 pcs

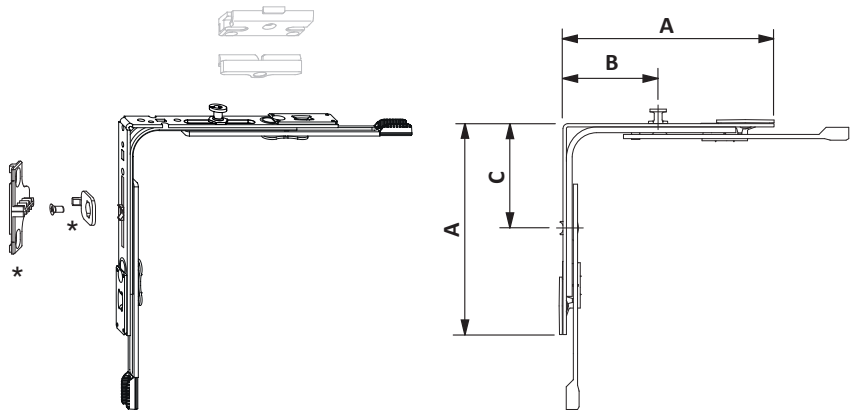
Technical information

Part number	Description	FFB	FFH	Dimensions (mm)				
				A	B	C		
FEUL0540-...	corn.drive FAV VSO MSP 1S ..	410 - 1560	365 - 2360	140	63	64	1	4
FMMS0010-...	accessories MSP A0608	-	-	-	-	-	-	-
FMMS0040-...	accessories MSP A1660	-	-	-	-	-	-	-
FMMS0050-...	accessories MSP A1661	-	-	-	-	-	-	-
FMMS0060-...	accessories MSP A1860	-	-	-	-	-	-	-
FMMS0070-...	accessories MSP A1865	-	-	-	-	-	-	-
FMMS0080-...	accessories MSP A2040	-	-	-	-	-	-	-
FMMS0090-...	accessories MSP A2260	-	-	-	-	-	-	-
FMMS0100-...	accessories MSP A2860	-	-	-	-	-	-	-
FMMS0020-...	accessories MSP A1220/1	-	-	-	-	-	-	-



- The range of application conforms to the connecting components

- * Acc. bag MSP A.…
  A0608 for Kömmerling Eurodur 3S - opening width 7-24 - number of vent positions 4
  A1660 for Veka Softline AD - opening width 5-33 - number of vent positions 6
  A1661 for KBE AD - opening width 5-33 - number of vent positions 6
  A1860 for Inoutic AD - opening width 7-24 - number of vent positions 4
  A1865 for Inoutic AD MB - opening width 5-33 - number of vent positions 4
  A2040 for Veka Topline und Aluplast - opening width 7-24 - number of vent positions 4
  A2260 for Trocal Confort - opening width 7-24 - number of vent positions 4
  A2860 for Salamander und Rehau S730/735 - opening width 7-24 - number of vent positions 4
  A1220/1 for timber 12 mm eurofold 18/8

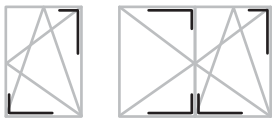


Sales information

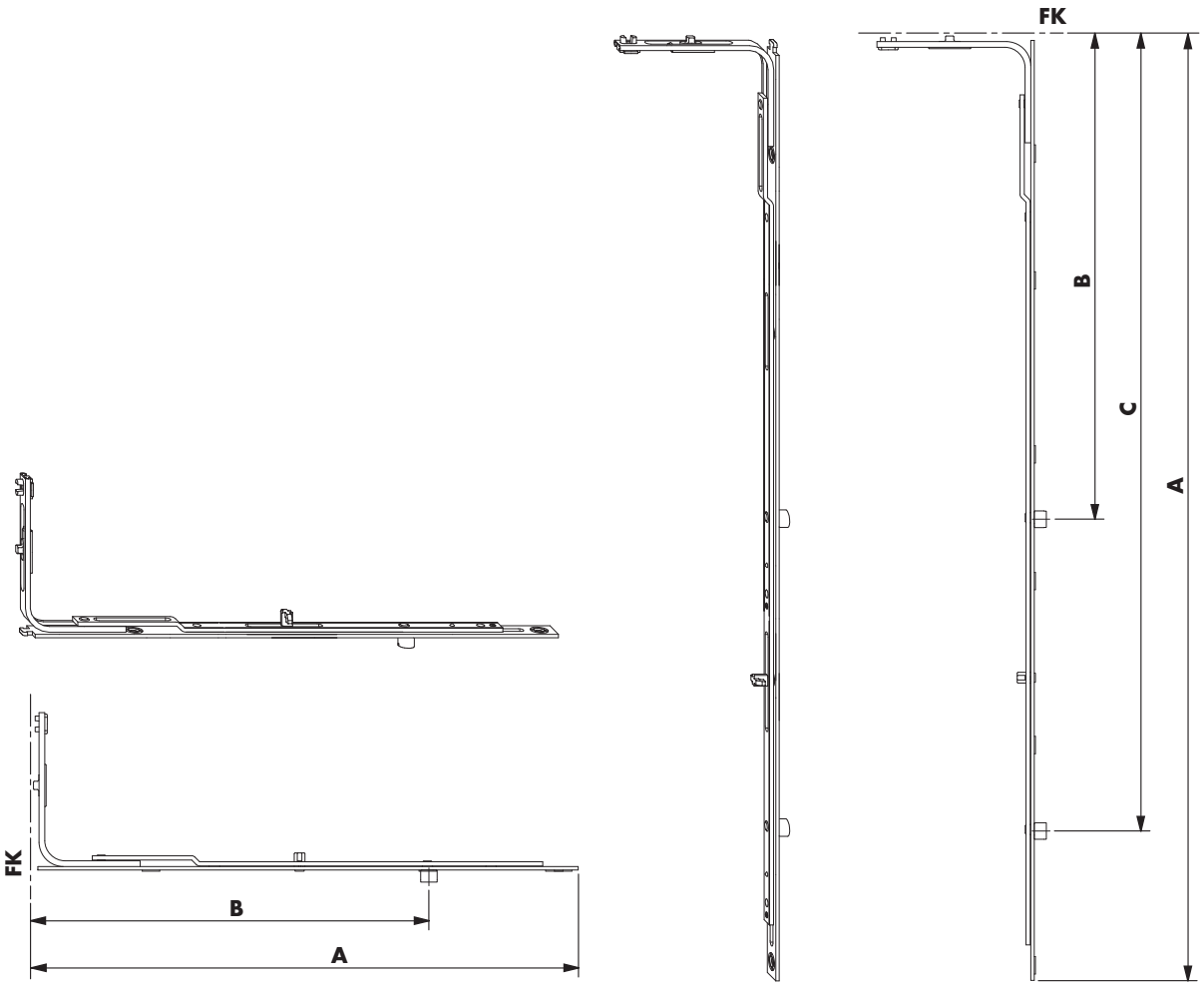
Description	Part number	Surface	Colour	Box quantity
corn.drive FAV VSO MSP 1S ..	FEUL0540-10001_	Titan Silver	without	1 pc
	FEUL0540-10005_	Titan Silver	without	50 pcs
accessories MSP A0608	FMMS0010-10005_	Titan Silver	without	50 pcs
accessories MSP A1660	FMMS0040-10005_	Titan Silver	without	50 pcs
accessories MSP A1661	FMMS0050-10005_	Titan Silver	without	50 pcs
accessories MSP A1860	FMMS0060-10005_	Titan Silver	without	50 pcs
accessories MSP A1865	FMMS0070-10005_	Titan Silver	without	50 pcs
accessories MSP A2040	FMMS0080-10005_	Titan Silver	without	50 pcs
accessories MSP A2260	FMMS0090-10005_	Titan Silver	without	50 pcs
accessories MSP A2860	FMMS0100-10005_	Titan Silver	without	50 pcs
accessories MSP A1220/1	FMMS0020-10005_	Titan Silver	without	50 pcs

Technical information

Part number	Description	FFB	FFH	Dimensions (mm)				
				A	B	C		
FEUL2070-...	corn.drive VSU BS sz 50 1V ..	800 - 1200	800 - 1200	500	401	-	1	4
FEUL2080-...	corn.drive VSU BS sz 70 1V ..	1000 - 1400	1000 - 1400	700	601	-	1	5
FEUL2090-...	corn.drive VSU BS sz 90 1V ..	1400 - 1560	1400 - 1920	900	801	-	1	6
FEUL2630-...	corn.drive BS sz 130 2V ..	1800 - 3000	-	1300	601	1201	2	8



- Click-on coupling feature for additional sash hardware parts

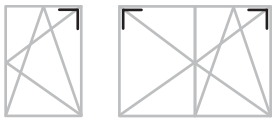


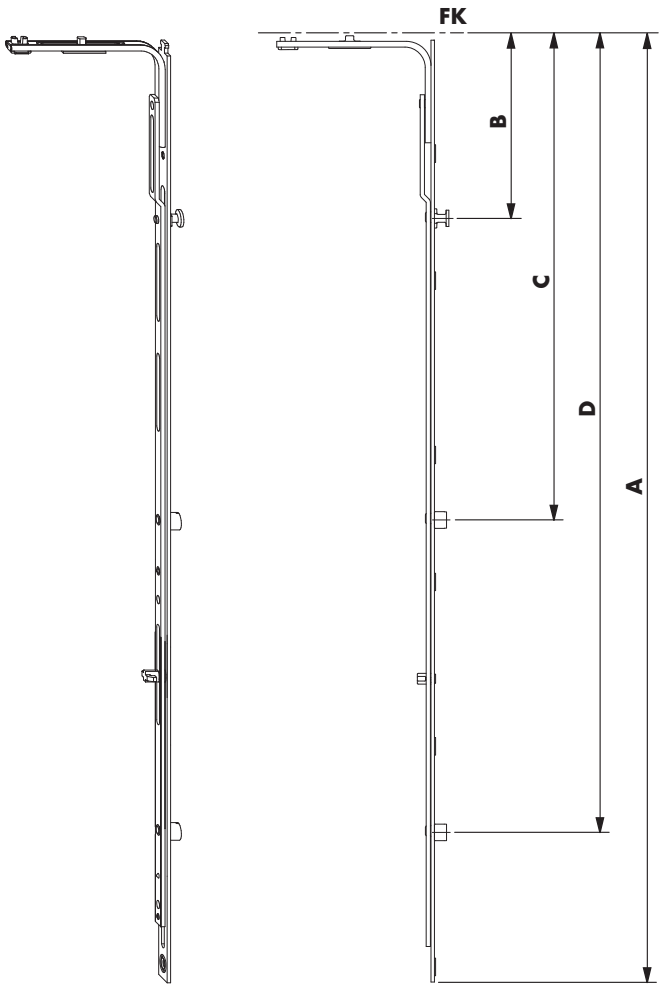
Sales information

Description	Part number	Surface	Colour	Box quantity
corn.drive VSU BS sz 50 1V ..	FEUL2070-10001_	Titan Silver	without	1 pc
	FEUL2070-10004_	Titan Silver	without	25 pcs
corn.drive VSU BS sz 70 1V ..	FEUL2080-10001_	Titan Silver	without	1 pc
	FEUL2080-10004_	Titan Silver	without	25 pcs
corn.drive VSU BS sz 90 1V ..	FEUL2090-10001_	Titan Silver	without	1 pc
	FEUL2090-10004_	Titan Silver	without	25 pcs
corn.drive BS sz 130 2V ..	FEUL2630-10001_	Titan Silver	without	1 pc
	FEUL2630-10004_	Titan Silver	without	25 pcs

Technical information

Part number	Description	FFH	Dimensions (mm)					
			A	B	C	D		
FEUL2100-...	corn.drive BS sz 20 1S ..	365 - 800	200	123	-	-	1	2
FEUL2110-...	corn.drive BS sz 50 1S 1V ..	800 - 1200	500	123	401	-	2	4
FEUL2120-...	corn.drive BS sz 70 1S 1V ..	1000 - 1400	700	123	601	-	2	5
FEUL2130-...	corn.drive BS sz 90 1S 1V ..	1400 - 1920	900	123	801	-	2	6
FEUL2140-...	corn.drive BS sz 130 1S 2V ..	1800 - 2360	1300	123	601	1201	3	8



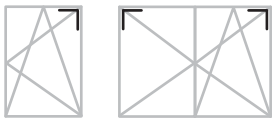


Sales information

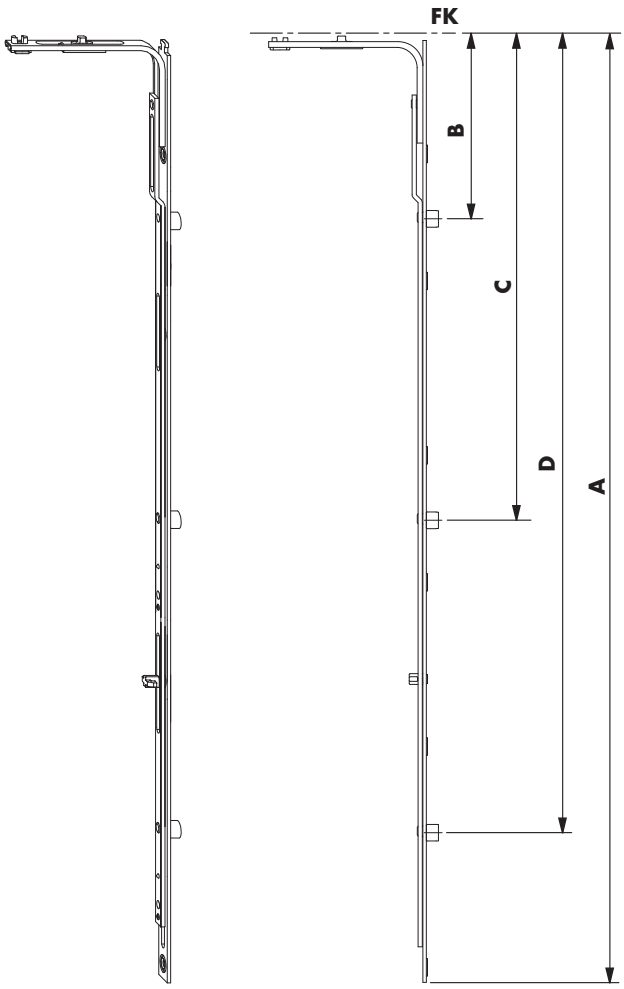
Description	Part number	Surface	Colour	Box quantity
corn.drive BS sz 20 1S ..	FEUL2100-10001_	Titan Silver	without	1 pc
	FEUL2100-10004_	Titan Silver	without	25 pcs
corn.drive BS sz 50 1S 1V ..	FEUL2110-10001_	Titan Silver	without	1 pc
	FEUL2110-10004_	Titan Silver	without	25 pcs
	FEUL2110-10029_	Titan Silver	without	1000 pcs
corn.drive BS sz 70 1S 1V ..	FEUL2120-10001_	Titan Silver	without	1 pc
	FEUL2120-10004_	Titan Silver	without	25 pcs
	FEUL2120-10029_	Titan Silver	without	1000 pcs
corn.drive BS sz 90 1S 1V ..	FEUL2130-10001_	Titan Silver	without	1 pc
	FEUL2130-10004_	Titan Silver	without	25 pcs
	FEUL2130-10007_	Titan Silver	without	250 pcs
corn.drive BS sz 130 1S 2V ..	FEUL2140-10001_	Titan Silver	without	1 pc
	FEUL2140-10004_	Titan Silver	without	25 pcs
	FEUL2140-10007_	Titan Silver	without	250 pcs

Technical information

Part number	Description	FFH	Dimensions (mm)					
			A	B	C	D		
FEUL2210-...	corn.drive BS sz 50 2V ..	800 - 1200	500	123	401	-	2	4
FEUL2220-...	corn.drive BS sz 70 2V ..	1000 - 1400	700	123	601	-	2	5
FEUL2230-...	corn.drive BS sz 90 2V ..	1400 - 1920	900	123	801	-	2	6
FEUL2240-...	corn.drive BS sz 130 3V ..	1800 - 2360	1300	123	601	1201	3	8



- Click-on coupling feature for additional sash hardware parts

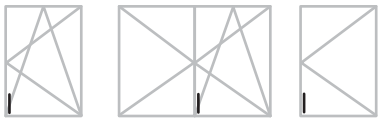


Sales information

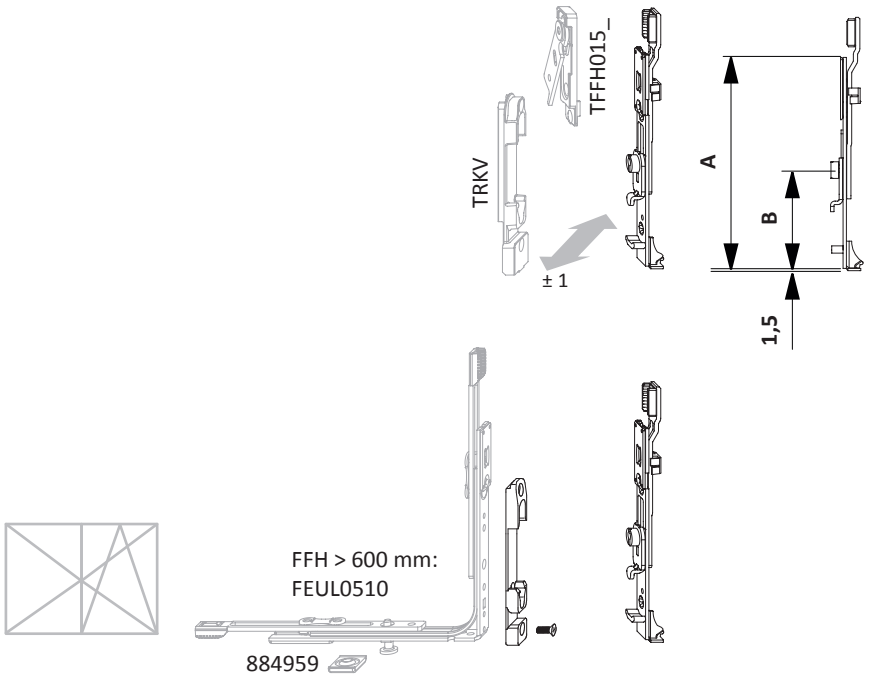
Description	Part number	Surface	Colour	Box quantity
corn.drive BS sz 50 2V ..	FEUL2210-10001_	Titan Silver	without	1 pc
	FEUL2210-10004_	Titan Silver	without	25 pcs
corn.drive BS sz 70 2V ..	FEUL2220-10001_	Titan Silver	without	1 pc
	FEUL2220-10004_	Titan Silver	without	25 pcs
corn.drive BS sz 90 2V ..	FEUL2230-10001_	Titan Silver	without	1 pc
	FEUL2230-10004_	Titan Silver	without	25 pcs
corn.drive BS sz 130 3V ..	FEUL2240-10001_	Titan Silver	without	1 pc
	FEUL2240-10004_	Titan Silver	without	25 pcs

Technical information

Part number	Description	Dimensions (mm)			
		A	B		
FEKB1010-...	tilt lock element FAV/FH	140	65	1	3
710258	tilt striker plate A0767	-	-	-	-
717950	count. tapp. screw 3,9x13 H ..	-	-	-	-



- To be used with tilt strike (vertical tilt point)
- One part suits all sash rebate heights
- With built in mishandling device in tilt position
- With striker packer for TFFH sash lifter
- Can be coupled with BS corner drive
- The range of application conforms to the connecting components

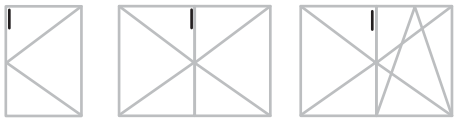


Sales information

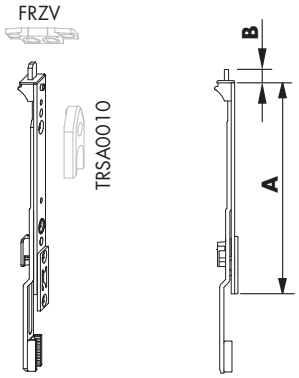
Description	Part number	Surface	Colour	Box quantity
tilt lock element FAV/FH	FEKB1010-10001_	Titan Silver	without	1 pc
	FEKB1010-10004_	Titan Silver	without	25 pcs
tilt striker plate A0767	710258	Titan Silver	without	1 pc
	286876	Titan Silver	without	250 pcs
count. tapp. screw 3,9x13 H ..	717950	Titan Silver	without	1 pc
	303634	Titan Silver	without	500 pcs

Technical information

Part number	Description	Dimensions (mm)		Airgap		
		A	B			
703267	locking bolt VSO	140	11	12	0	3



- The range of application conforms to the connecting components
- 11 mm deadbolt throw
- Refer to the PDB for matching strikers

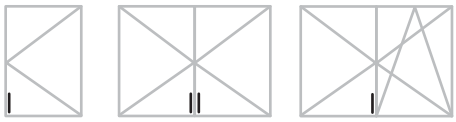


Sales information

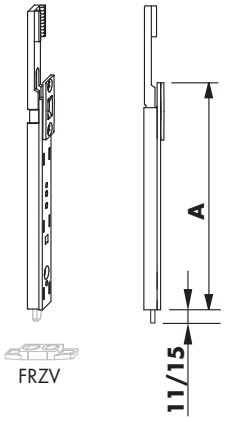
Description	Part number	Surface	Colour	Box quantity
locking bolt VSO	703267	Titan Silver	without	1 pc
	279052	Titan Silver	without	50 pcs

Technical information

Part number	Description	Dimensions (mm) A	Airgap		
703250	locking bolt reverse action	140	12	0	2



- Reverse-action
- 11-15 mm deadbolt throw
- Refer to the PDB for matching strikers
- The range of application conforms to the connecting components

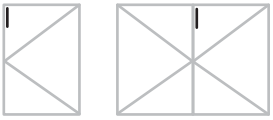


Sales information

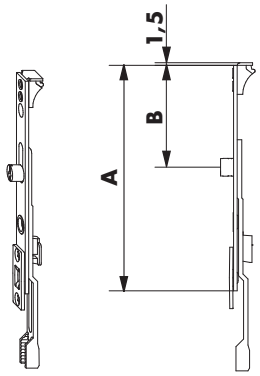
Description	Part number	Surface	Colour	Box quantity
locking bolt reverse action	703250	Titan Silver	without	1 pc
	279038	Titan Silver	without	50 pcs

Technical information

Part number	Description	Airgap		
703236	locking bolt 90 degr.	12	1	2



- The range of application conforms to the connecting components

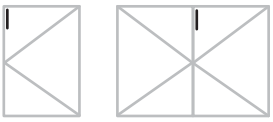


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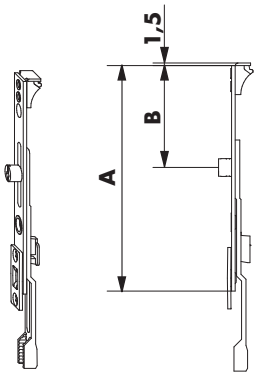
Description	Part number	Surface	Colour	Box quantity
locking bolt 90 degr.	703236	Titan Silver	without	1 pc
	278994	Titan Silver	without	50 pcs

Technical information

Part number	Description	Dimensions (mm)		Airgap		
		A	B			
703229	locking bolt 180 degr.	140	63	12	1	2



- The range of application conforms to the connecting components

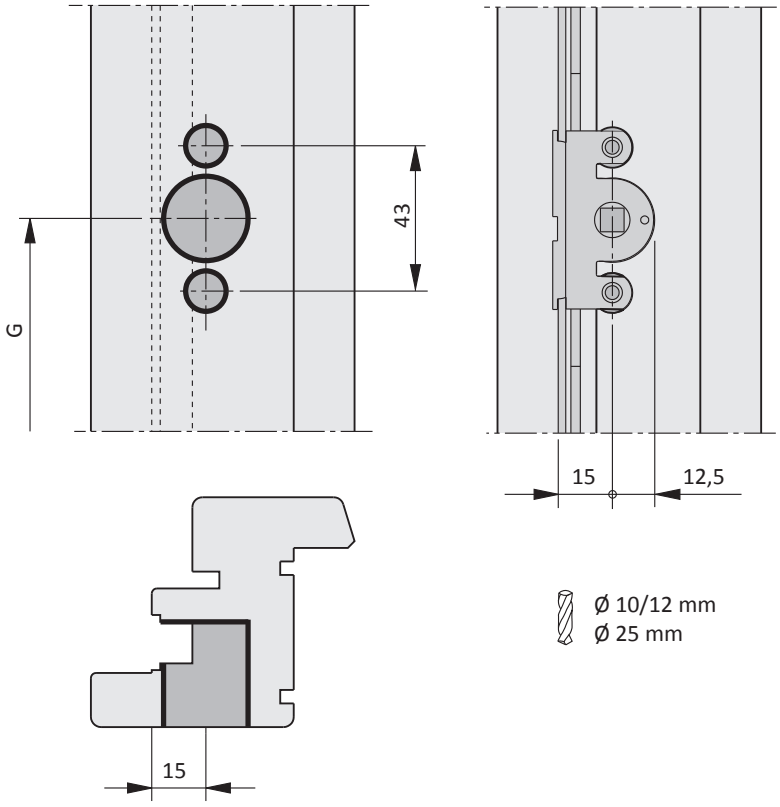


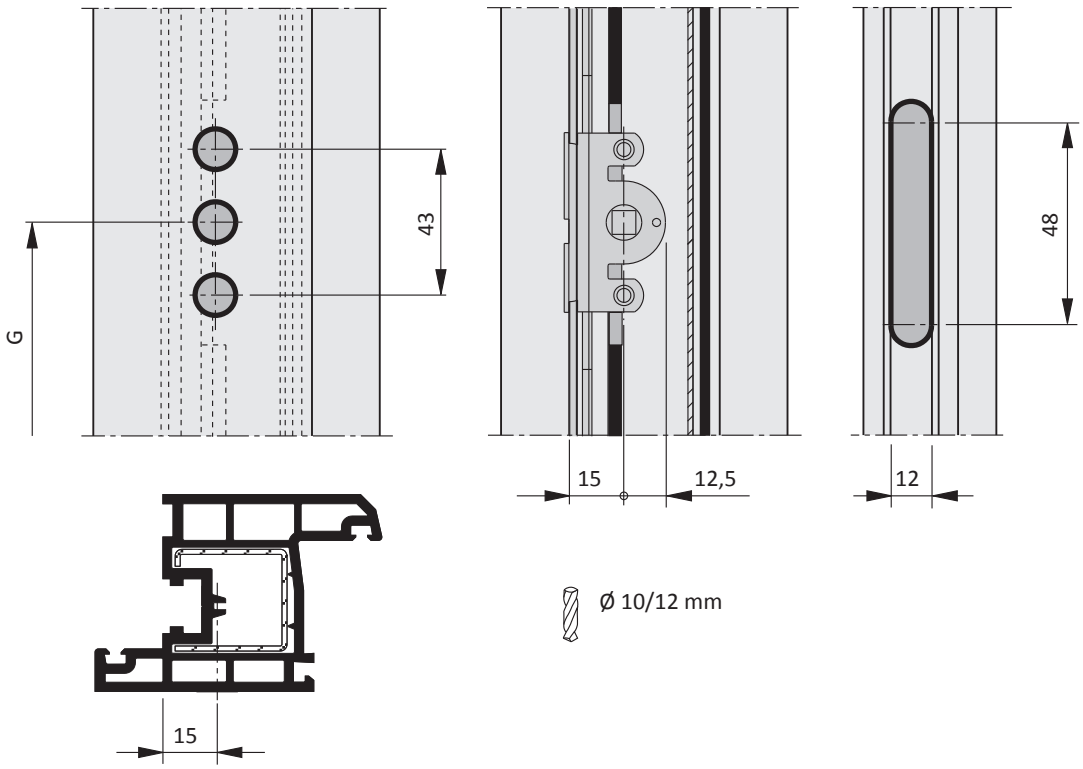
Sales information

Description	Part number	Surface	Colour	Box quantity
locking bolt 180 degr.	703229	Titan Silver	without	1 pc
	278970	Titan Silver	without	50 pcs

Description	Material	Page
drill holes and routing gear 15		10 - 3
gear 15 FAV GK	FGKK4010	10 - 4
gear 15 FAV S-ES	FGKK4020 , 284186, 284193	10 - 5
gear 15 FAV GK	FGKK4030, FGKK4040, FGKK4050, FGKK4060, FGKK4070, FGKK4200, FGKK4090, FGKK4220, FGKK4230	10 - 6
gear 15 FAV GM	FGMK4010, FGMK4020, FGMK4030, FGMK4040, FGMK4140, FGMK4050, FGMK4070, FGMK4150, FGMK4060, FGMK4110	10 - 8
gear 15 FAV/DF GK	FGKD3510, FGKD3520, FGKD3530, FGKD3540, FGKD3550, FGKD3560, FGKD3570, FGKD3580, FGKD3590, FGKD3600, FGKD3610	10 - 10
gear 15 FAV/DF GM	FGMD4010, FGMD4020, FGMD4030, FGMD4040, FGMD4050, FGMD4060, FGMD4070, FGMD4080, FGMD4090, FGMD4100, FGMD4110	10 - 12
drill holes and routing gear 7		10 - 14
gear 7 FAV S-ES	FGKK1510 , 284186, 284193	10 - 15
gear 7 FAV GK	FGKK1520, FGKK1530, FGKK1540, FGKK1550, FGKK1590	10 - 16
gear 7 FAV GM	FGMK1310, FGMK1320, FGMK1330, FGMK1340, FGMK1350, FGMK1400, FGMK1450, FGMK1410, FGMK1390	10 - 18
sec. sash gear 16 FAV GK	FGKS4030, FGKS4040, FGKS4050, FGKS4060, FGKS4070, FGKS4290, FGKS4330, FGKS4100, FGKS4280, 711736	10 - 20
sec. sash gear 16 FAV GM	FGMS4030, FGMS4040, FGMS4140, FGMS4050, FGMS4120, FGMS4150, FGMS4130, FGMS4100, 711736	10 - 22
gear FAV OS/PZ GM	FGMK0520, FGMK0550, FGMK0580, FGMK0560, FGMK0570	10 - 24
drill holes and routing gear set PVC		10 - 26
drill holes and routing gear set timber		10 - 27
gear-set	FMSL0250, FMSL0300, FMSL0350, FMSL0400, FMSL0450, FMSL0500	10 - 28

Description	Material	Page
gear-set PZ	TMSL1250, TMSL1300, TMSL1350, TMSL1400, TMSL1450, TMSL1500	10 - 29
gear-set PZ22	TMSL2250, TMSL2350, TMSL2400, TMSL2450, TMSL2500	10 - 30





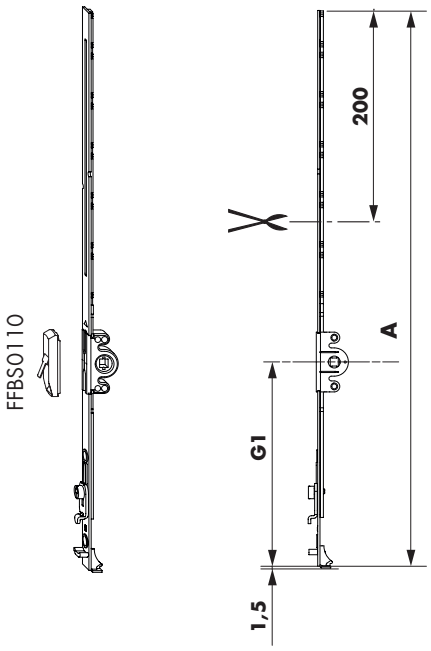
10

Technical information

Part number	Description	FFH	Dimensions (mm)			
			G1	A		
FGKK4010-...	gear 15 FAV sz 30/G180	320 - 600	180	490	1	1



- Handle height constant
- Backset 15 mm
- With built in tilt lock element

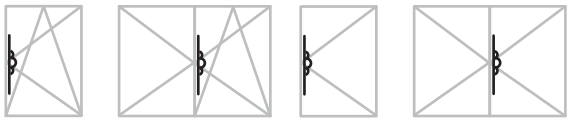


Sales information

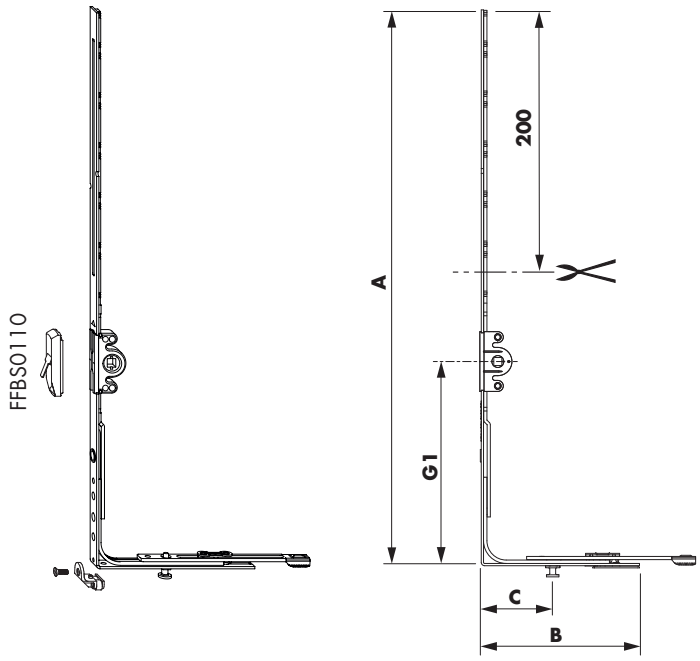
Description	Part number	Surface	Colour	Box quantity
gear 15 FAV sz 30/G180	FGKK4010-10001_	Titan Silver	without	1 pc
	FGKK4010-10004_	Titan Silver	without	25 pcs

Technical information

Part number	Description	FFH	Dimensions (mm)					
			G1	A	B	C		
FGKK4020-...	gear 15 FAV sz 30/G180 S-ES	320 - 600	180	490	140	63	1	3
284186	bag sash lift S-ES 9	-	-	-	-	-	-	-
284193	bag sash lift S-ES 13	-	-	-	-	-	-	-



- Handle height constant
- Backset 15 mm

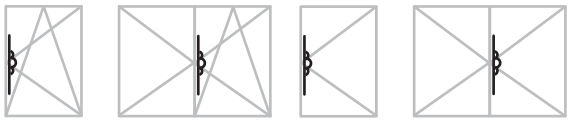


Sales information

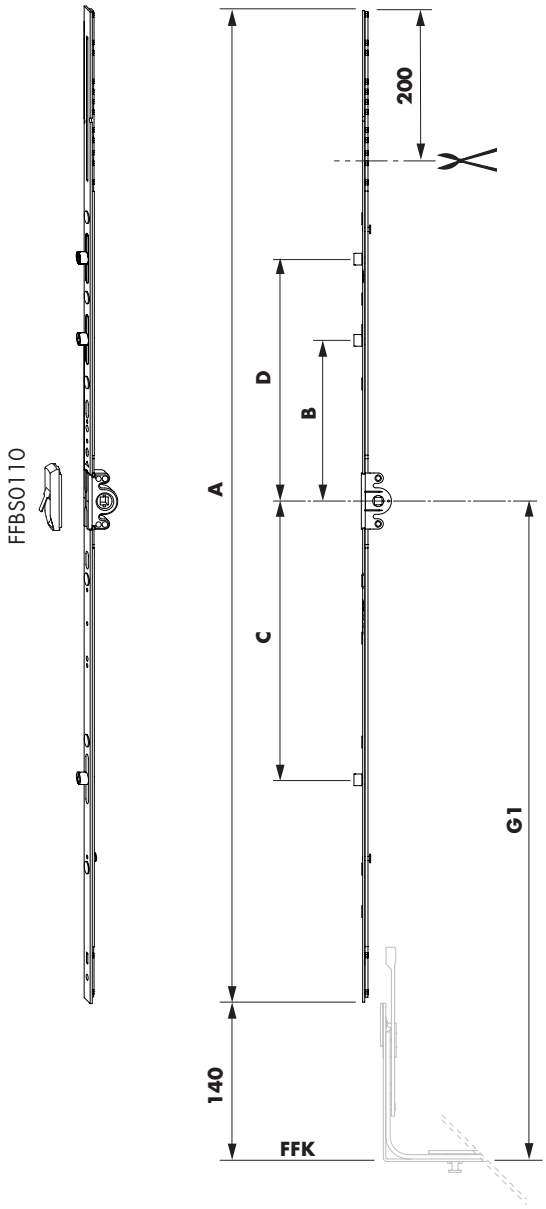
Description	Part number	Surface	Colour	Box quantity
gear 15 FAV sz 30/G180 S-ES	FGKK4020-10001_	Titan Silver	without	1 pc
	FGKK4020-10004_	Titan Silver	without	25 pcs
bag sash lift S-ES 9	284186	Titan Silver	without	100 pcs
bag sash lift S-ES 13	284193	Titan Silver	without	100 pcs

Technical information

Part number	Description	FFH	Dimensions (mm)						
			G1	A	B	C	D		
FGKK4030-...	gear 15 FAV sz 60/G300	601 - 800	300	520	-	-	-	0	2
FGKK4040-...	gear 15 FAV sz 70/G300 1V	701 - 900	300	620	80	-	-	1	2
FGKK4050-...	gear 15 FAV sz 80/G400 1V	801 - 1000	400	720	80	-	-	1	3
FGKK4060-...	gear 15 FAV sz 100/G500 1V	1001 - 1200	500	920	180	-	-	1	4
FGKK4070-...	gear 15 FAV sz 120/G600 1V	1201 - 1400	600	1120	80	-	-	1	5
FGKK4200-...	gear 15 FAV sz 140/G700 2V	1401 - 1600	700	1320	180	320	-	2	7
FGKK4090-...	gear 15 FAV sz 160/G700 2V 70	1601 - 1800	700	1520	380	320	-	2	7
FGKK4220-...	gear 15 FAV sz 180/G1000 2V	1801 - 2000	1000	1720	280	420	-	2	8
FGKK4230-...	gear 15 FAV sz 200/G1000 3V	2001 - 2200	1000	1920	280	420	680	3	9



- Handle height constant
- Backset 15 mm
- For 2 sash elements with gear faceplate 16, it is only possible to use the mishandling device from sz 80



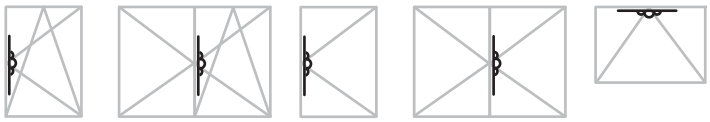
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Sales information

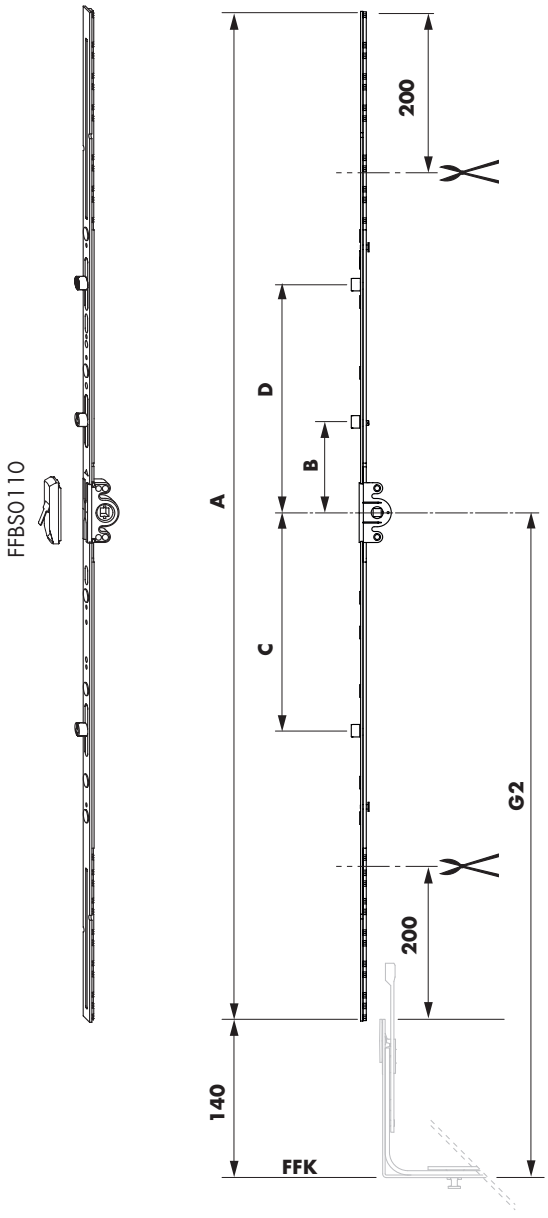
Description	Part number	Surface	Colour	Box quantity
gear 15 FAV sz 60/G300	FGKK4030-10001_	Titan Silver	without	1 pc
	FGKK4030-10004_	Titan Silver	without	25 pcs
gear 15 FAV sz 70/G300 1V	FGKK4040-10001_	Titan Silver	without	1 pc
	FGKK4040-10004_	Titan Silver	without	25 pcs
gear 15 FAV sz 80/G400 1V	FGKK4050-10001_	Titan Silver	without	1 pc
	FGKK4050-10004_	Titan Silver	without	25 pcs
gear 15 FAV sz 100/G500 1V	FGKK4060-10001_	Titan Silver	without	1 pc
	FGKK4060-10004_	Titan Silver	without	25 pcs
gear 15 FAV sz 120/G600 1V	FGKK4070-10001_	Titan Silver	without	1 pc
	FGKK4070-10004_	Titan Silver	without	25 pcs
gear 15 FAV sz 140/G700 2V	FGKK4200-10001_	Titan Silver	without	1 pc
	FGKK4200-10004_	Titan Silver	without	25 pcs
gear 15 FAV sz 160/G700 2V 70	FGKK4090-10001_	Titan Silver	without	1 pc
	FGKK4090-10004_	Titan Silver	without	25 pcs
gear 15 FAV sz 180/G1000 2V	FGKK4220-10001_	Titan Silver	without	1 pc
	FGKK4220-10002_	Titan Silver	without	10 pcs
gear 15 FAV sz 200/G1000 3V	FGKK4230-10001_	Titan Silver	without	1 pc
	FGKK4230-10002_	Titan Silver	without	10 pcs

Technical information

Part number	Description	FFH	Dimensions (mm)						
			G2	A	B	C	D		
FGMK4010-...	gear 15 FAV sz 20	260 - 600	130 - 300	630	-	-	-	0	0
FGMK4020-...	gear 15 FAV sz 60	601 - 1000	300 - 500	720	-	-	-	0	2
FGMK4030-...	gear 15 FAV sz 70 1V	701 - 1100	350 - 550	820	80	-	-	1	2
FGMK4040-...	gear 15 FAV sz 80 1V	801 - 1200	400 - 600	920	80	-	-	1	3
FGMK4140-...	gear 15 FAV sz 100 2V	1000 - 1350	500 - 675	1070	205	134	-	2	4
FGMK4050-...	gear 15 FAV sz 120 1V	1201 - 1600	600 - 800	1320	80	-	-	1	5
FGMK4070-...	gear 15 FAV sz 120 2V	1201 - 1600	600 - 800	1320	280	320	-	2	6
FGMK4150-...	gear 15 FAV sz 160 1V	1601 - 2000	800 - 1000	1720	80	-	-	1	7
FGMK4060-...	gear 15 FAV sz 160 2V	1601 - 2000	800 - 1000	1720	280	408	-	2	7
FGMK4110-...	gear 15 FAV sz 200 3V	2001 - 2400	1000 - 1200	2120	80	498	502	3	9



- Handle height centre/variable
- Backset 15 mm
- For 2 sash elements with gear faceplate 16, it is only possible to use the mishandling device from sz 80



10

Sales information

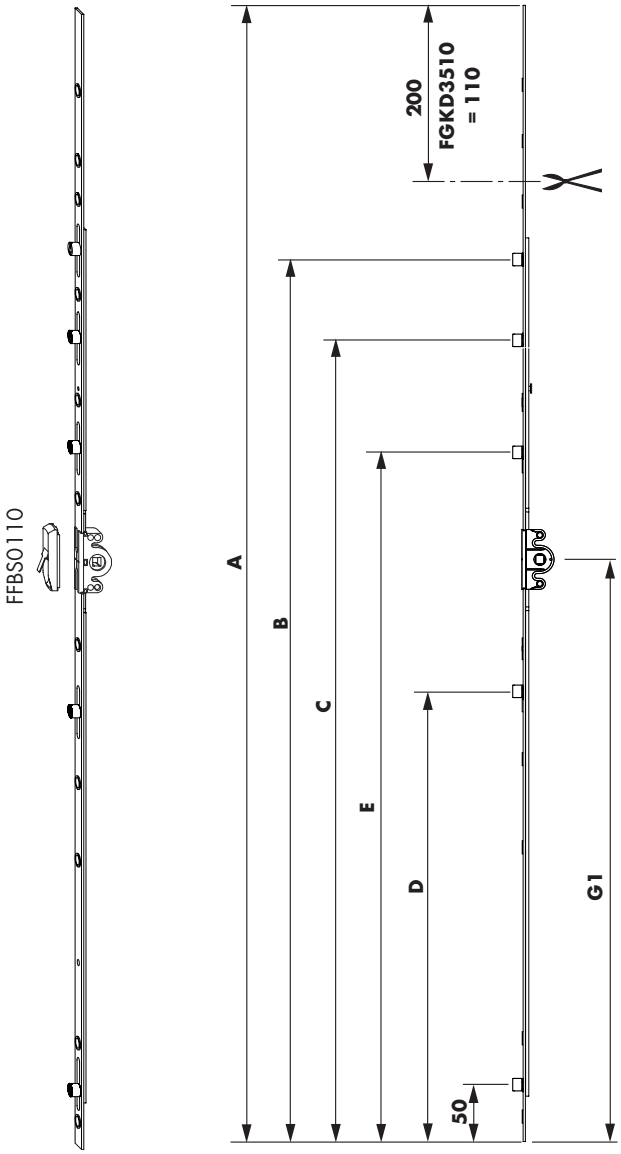
Description	Part number	Surface	Colour	Box quantity
gear 15 FAV sz 20	FGMK4010-10001_	Titan Silver	without	1 pc
	FGMK4010-10004_	Titan Silver	without	25 pcs
gear 15 FAV sz 60	FGMK4020-10001_	Titan Silver	without	1 pc
	FGMK4020-10004_	Titan Silver	without	25 pcs
gear 15 FAV sz 70 1V	FGMK4030-10001_	Titan Silver	without	1 pc
	FGMK4030-10004_	Titan Silver	without	25 pcs
gear 15 FAV sz 80 1V	FGMK4040-10001_	Titan Silver	without	1 pc
	FGMK4040-10004_	Titan Silver	without	25 pcs
gear 15 FAV sz 100 2V	FGMK4140-10001_	Titan Silver	without	1 pc
	FGMK4140-10004_	Titan Silver	without	25 pcs
gear 15 FAV sz 120 1V	FGMK4050-10001_	Titan Silver	without	1 pc
	FGMK4050-10004_	Titan Silver	without	25 pcs
gear 15 FAV sz 120 2V	FGMK4070-10001_	Titan Silver	without	1 pc
	FGMK4070-10004_	Titan Silver	without	25 pcs
gear 15 FAV sz 160 1V	FGMK4150-10001_	Titan Silver	without	1 pc
	FGMK4150-10002_	Titan Silver	without	10 pcs
gear 15 FAV sz 160 2V	FGMK4060-10001_	Titan Silver	without	1 pc
	FGMK4060-10002_	Titan Silver	without	10 pcs
gear 15 FAV sz 200 3V	FGMK4110-10001_	Titan Silver	without	1 pc
	FGMK4110-10002_	Titan Silver	without	10 pcs

Technical information

Part number	Description	FFH	Dimensions (mm)							
			G1	A	B	C	D	E		
FGKD3510-...	gear 15 FAV/DF sz 30/G180 1V	320 - 430	180	430	261	-	-	-	1	3
FGKD3520-...	gear 15 FAV/DF sz 40/G180 2V	431 - 600	180	600	336	-	-	-	2	6
FGKD3530-...	gear 15 FAV/DF sz 60/G300 2V	601 - 800	300	800	536	-	-	-	2	7
FGKD3540-...	gear 15 FAV/DF sz 80/G400 2V	801 - 1000	400	1000	736	-	-	-	2	7
FGKD3550-...	gear 15 FAV/DF sz 100/G500 3V	1001 - 1200	500	1200	936	580	-	-	3	9
FGKD3560-...	gear 15 FAV/DF sz 120/G600 3V	1201 - 1400	600	1400	1147	680	-	-	3	10
FGKD3570-...	gear 15 FAV/DF sz 140/G700 4V	1401 - 1600	700	1600	1347	936	466	-	4	10
FGKD3580-...	gear 15 FAV/DF sz 160/G700 4V	1601 - 1800	700	1800	1547	1136	466	-	4	11
FGKD3590-...	gear 15 FAV/DF sz 180/G1000 4V	1801 - 2000	1000	2000	1736	1266	666	-	4	13
FGKD3600-...	gear 15 FAV/DF sz 200/G1000 4V	2001 - 2200	1000	2200	1936	1266	666	-	4	14
FGKD3610-...	gear 15 FAV/DF sz 220/G1000 5V	2201 - 2400	1000	2400	2136	1701	666	1266	5	14



- For basic security
- Backset 15 mm
- Handle height constant



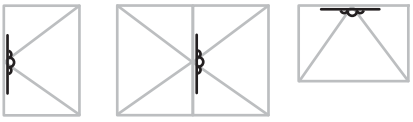
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Sales information

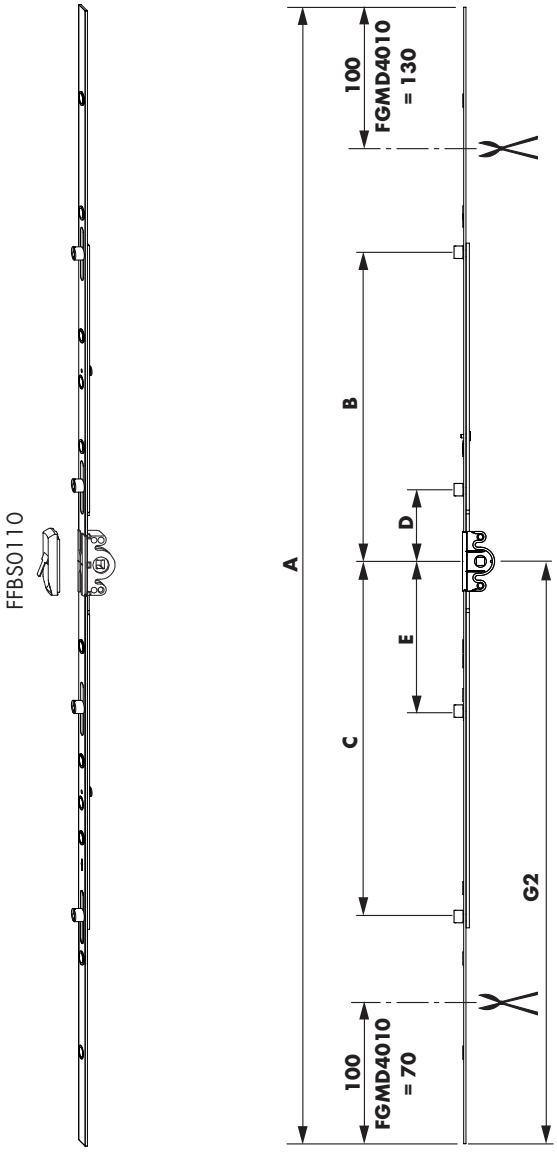
Description	Part number	Surface	Colour	Box quantity
gear 15 FAV/DF sz 30/G180 1V	FGKD3510-10001_	Titan Silver	without	1 pc
	FGKD3510-10004_	Titan Silver	without	25 pcs
gear 15 FAV/DF sz 40/G180 2V	FGKD3520-10001_	Titan Silver	without	1 pc
	FGKD3520-10004_	Titan Silver	without	25 pcs
gear 15 FAV/DF sz 60/G300 2V	FGKD3530-10001_	Titan Silver	without	1 pc
	FGKD3530-10004_	Titan Silver	without	25 pcs
gear 15 FAV/DF sz 80/G400 2V	FGKD3540-10001_	Titan Silver	without	1 pc
	FGKD3540-10004_	Titan Silver	without	25 pcs
gear 15 FAV/DF sz 100/G500 3V	FGKD3550-10001_	Titan Silver	without	1 pc
	FGKD3550-10004_	Titan Silver	without	25 pcs
gear 15 FAV/DF sz 120/G600 3V	FGKD3560-10001_	Titan Silver	without	1 pc
	FGKD3560-10004_	Titan Silver	without	25 pcs
gear 15 FAV/DF sz 140/G700 4V	FGKD3570-10001_	Titan Silver	without	1 pc
	FGKD3570-10004_	Titan Silver	without	25 pcs
gear 15 FAV/DF sz 160/G700 4V	FGKD3580-10001_	Titan Silver	without	1 pc
	FGKD3580-10002_	Titan Silver	without	10 pcs
gear 15 FAV/DF sz 180/G1000 4V	FGKD3590-10001_	Titan Silver	without	1 pc
	FGKD3590-10002_	Titan Silver	without	10 pcs
gear 15 FAV/DF sz 200/G1000 4V	FGKD3600-10001_	Titan Silver	without	1 pc
	FGKD3600-10002_	Titan Silver	without	10 pcs
gear 15 FAV/DF sz 220/G1000 5V	FGKD3610-10001_	Titan Silver	without	1 pc
	FGKD3610-10002_	Titan Silver	without	10 pcs

Technical information

Part number	Description	FFH	Dimensions (mm)							
			G2	A	B	C	D	E		
FGMD4010-...	gear 15 FAV/DF sz 20 1V	230 - 430	145 - 215	430	76	-	-	-	1	3
FGMD4020-...	gear 15 FAV/DF sz 40 2V	431 - 600	215 - 300	600	84	100	-	-	2	4
FGMD4030-...	gear 15 FAV/DF sz 60 2V	601 - 800	300 - 400	800	184	200	-	-	2	6
FGMD4040-...	gear 15 FAV/DF sz 80 2V	801 - 1000	400 - 500	1000	284	300	-	-	2	7
FGMD4050-...	gear 15 FAV/DF sz 100 3V	1001 - 1200	500 - 600	1200	384	400	80	-	3	8
FGMD4060-...	gear 15 FAV/DF sz 120 3V	1201 - 1400	600 - 700	1400	484	500	80	-	3	8
FGMD4070-...	gear 15 FAV/DF sz 140 3V	1401 - 1600	700 - 800	1600	584	600	80	-	3	10
FGMD4080-...	gear 15 FAV/DF sz 160 4V	1601 - 1800	800 - 900	1800	684	700	80	300	4	10
FGMD4080-...	gear 15 FAV/DF sz 160 4V	1601 - 1800	800 - 900	1800	684	700	80	300	4	10
FGMD4090-...	gear 15 FAV/DF sz 180 4V	1801 - 2000	900 - 1000	2000	784	800	296	300	4	11
FGMD4100-...	gear 15 FAV/DF sz 200 4V	2001 - 2200	1000 - 1100	2200	884	900	296	300	4	12
FGMD4110-...	gear 15 FAV/DF sz 220 4V	2201 - 2400	1100 - 1200	2400	984	1000	296	300	4	13

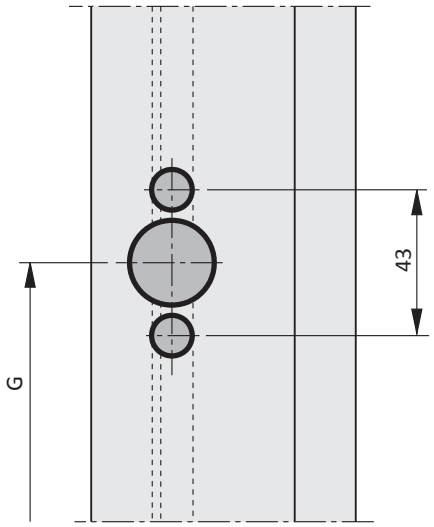


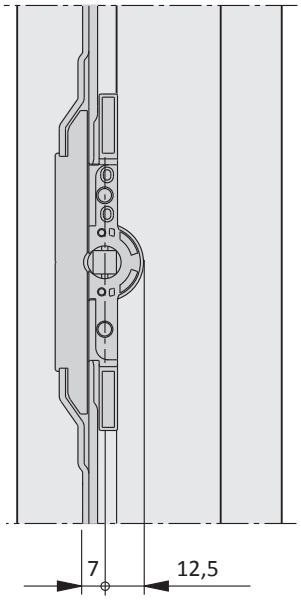
- For basic security
- Backset 15 mm
- Handle position center/variable from 290 mm FFH

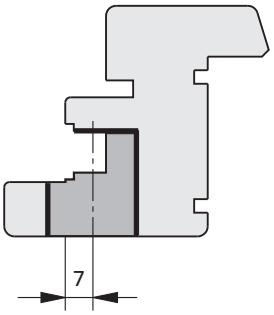


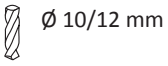
Sales information

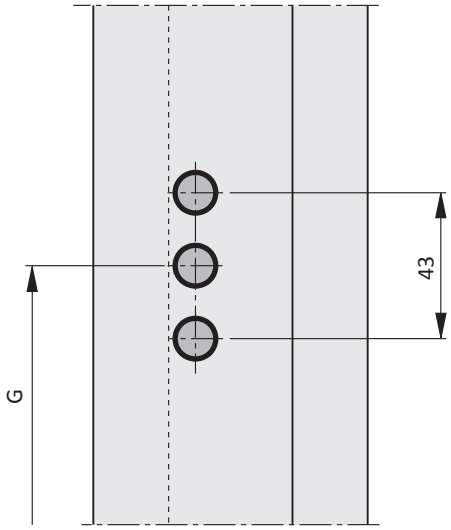
Description	Part number	Surface	Colour	Box quantity
gear 15 FAV/DF sz 20 1V	FGMD4010-10001_	Titan Silver	without	1 pc
	FGMD4010-10004_	Titan Silver	without	25 pcs
gear 15 FAV/DF sz 40 2V	FGMD4020-10001_	Titan Silver	without	1 pc
	FGMD4020-10004_	Titan Silver	without	25 pcs
gear 15 FAV/DF sz 60 2V	FGMD4030-10001_	Titan Silver	without	1 pc
	FGMD4030-10004_	Titan Silver	without	25 pcs
gear 15 FAV/DF sz 80 2V	FGMD4040-10001_	Titan Silver	without	1 pc
	FGMD4040-10004_	Titan Silver	without	25 pcs
gear 15 FAV/DF sz 100 3V	FGMD4050-10001_	Titan Silver	without	1 pc
	FGMD4050-10004_	Titan Silver	without	25 pcs
gear 15 FAV/DF sz 120 3V	FGMD4060-10001_	Titan Silver	without	1 pc
	FGMD4060-10004_	Titan Silver	without	25 pcs
gear 15 FAV/DF sz 140 3V	FGMD4070-10001_	Titan Silver	without	1 pc
	FGMD4070-10004_	Titan Silver	without	25 pcs
gear 15 FAV/DF sz 160 4V	FGMD4080-10002_	Titan Silver	without	10 pcs
gear 15 FAV/DF sz 160 4V	FGMD4080-10001_	Titan Silver	without	10 pcs
gear 15 FAV/DF sz 180 4V	FGMD4090-10001_	Titan Silver	without	1 pc
	FGMD4090-10002_	Titan Silver	without	10 pcs
gear 15 FAV/DF sz 200 4V	FGMD4100-10001_	Titan Silver	without	1 pc
	FGMD4100-10002_	Titan Silver	without	10 pcs
gear 15 FAV/DF sz 220 4V	FGMD4110-10001_	Titan Silver	without	1 pc
	FGMD4110-10002_	Titan Silver	without	10 pcs

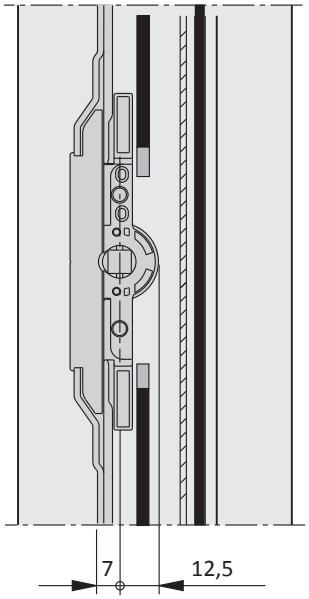

43
G

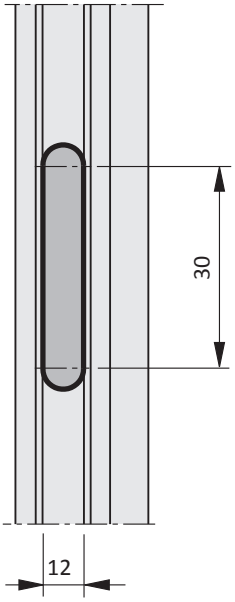

7
12,5

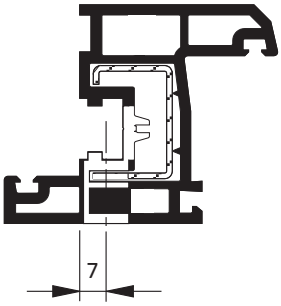

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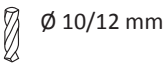

Ø 10/12 mm


43
G


7
12,5

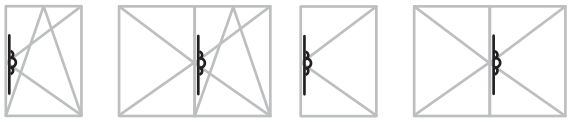

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12


7

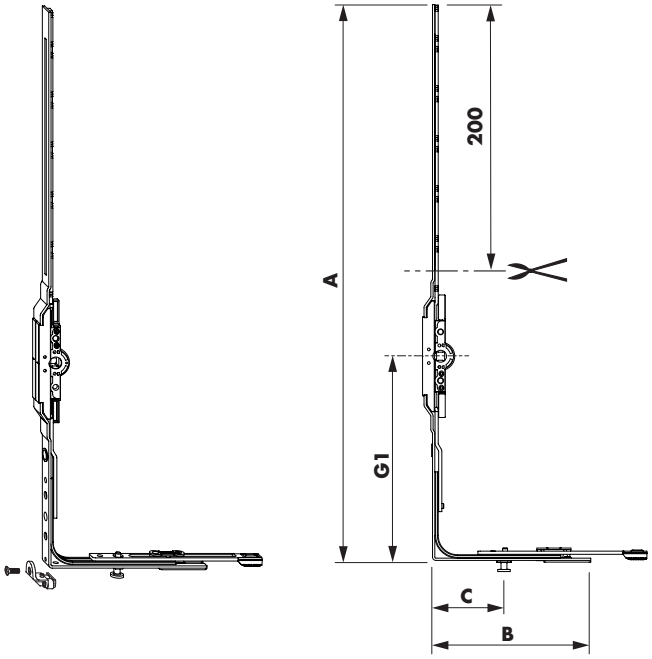

Ø 10/12 mm

Technical information

Part number	Description	FFH	Dimensions (mm)					
			G1	A	B	C		
FGKK1510-...	gear 7 FAV sz 40/G180 S-ES	320 - 600	180	490	140	63	1	3
284186	bag sash lift S-ES 9	-	-	-	-	-	-	-
284193	bag sash lift S-ES 13	-	-	-	-	-	-	-



- Handle height constant
- Backset 7 mm

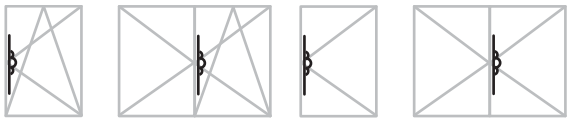


Sales information

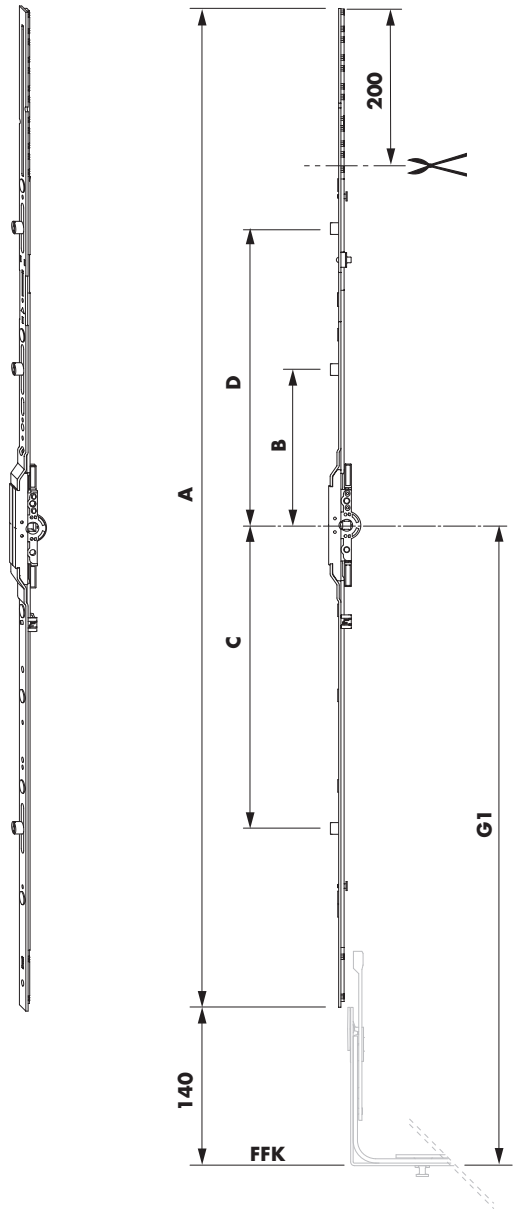
Description	Part number	Surface	Colour	Box quantity
gear 7 FAV sz 40/G180 S-ES	FGKK1510-10001_	Titan Silver	without	1 pc
	FGKK1510-10004_	Titan Silver	without	25 pcs
bag sash lift S-ES 9	284186	Titan Silver	without	100 pcs
bag sash lift S-ES 13	284193	Titan Silver	without	100 pcs

Technical information

Part number	Description	FFH	Dimensions (mm)					
			G1	A	B	C		
FGKK1520-...	gear 7 FAV sz 60/G300	601 - 800	300	520	-	-	0	2
FGKK1530-...	gear 7 FAV sz 70/G300 1V	701 - 900	300	620	80	-	1	2
FGKK1540-...	gear 7 FAV sz 80/G400 1V	801 - 1000	400	720	80	-	1	2
FGKK1550-...	gear 7 FAV sz 100/G500 1V	1001 - 1200	500	920	180	-	1	4
FGKK1590-...	gear 7 FAV sz 180/G1000 2V	1801 - 2000	1000	1720	280	420	2	8



- Handle height constant
- Backset 7 mm
- Combination possible with gear faceplate 16 from sz 80



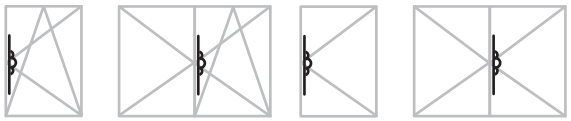
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Sales information

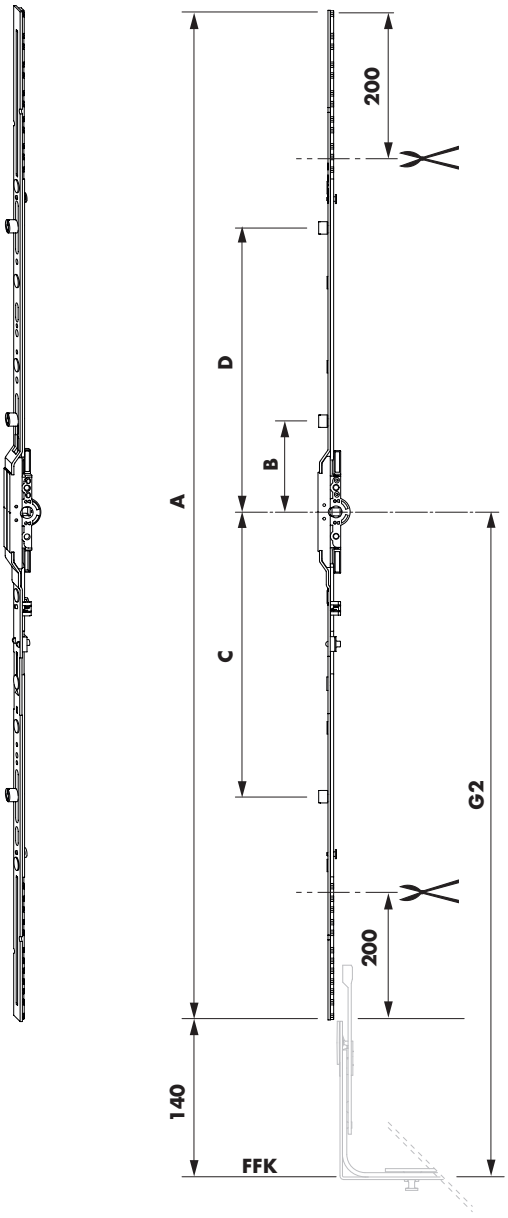
Description	Part number	Surface	Colour	Box quantity
gear 7 FAV sz 60/G300	FGKK1520-10001_	Titan Silver	without	1 pc
	FGKK1520-10004_	Titan Silver	without	25 pcs
gear 7 FAV sz 70/G300 1V	FGKK1530-10001_	Titan Silver	without	1 pc
	FGKK1530-10004_	Titan Silver	without	25 pcs
gear 7 FAV sz 80/G400 1V	FGKK1540-10001_	Titan Silver	without	1 pc
	FGKK1540-10004_	Titan Silver	without	25 pcs
gear 7 FAV sz 100/G500 1V	FGKK1550-10001_	Titan Silver	without	1 pc
	FGKK1550-10004_	Titan Silver	without	25 pcs
gear 7 FAV sz 180/G1000 2V	FGKK1590-10001_	Titan Silver	without	1 pc
	FGKK1590-10002_	Titan Silver	without	10 pcs

Technical information

Part number	Description	FFH	Dimensions (mm)						
			G2	A	B	C	D		
FGMK1310-...	gear 7 FAV sz 20	260 - 600	130 - 300	630	-	-	-	0	0
FGMK1320-...	gear 7 FAV sz 60	601 - 1000	300 - 500	720	-	-	-	0	2
FGMK1330-...	gear 7 FAV sz 70 1V	701 - 1100	350 - 550	820	80	-	-	1	2
FGMK1340-...	gear 7 FAV sz 80 1V	801 - 1200	400 - 600	920	80	-	-	1	2
FGMK1350-...	gear 7 FAV sz 120 1V	1201 - 1600	600 - 800	1320	80	-	-	1	5
FGMK1400-...	gear 7 FAV sz 120 2V	1201 - 1600	600 - 800	1320	280	320	-	2	6
FGMK1450-...	gear 7 FAV sz 160 1V	1601 - 2000	800 - 1000	1720	80	-	-	1	7
FGMK1410-...	gear 7 FAV sz 160 2V	1601 - 2000	800 - 1000	1720	280	408	-	2	7
FGMK1390-...	gear 7 FAV sz 200 3V	2001 - 2400	1000 - 1200	2120	80	498	502	3	9



- Handle height centre/variable
- Backset 7 mm

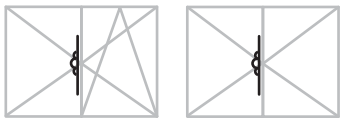


Sales information

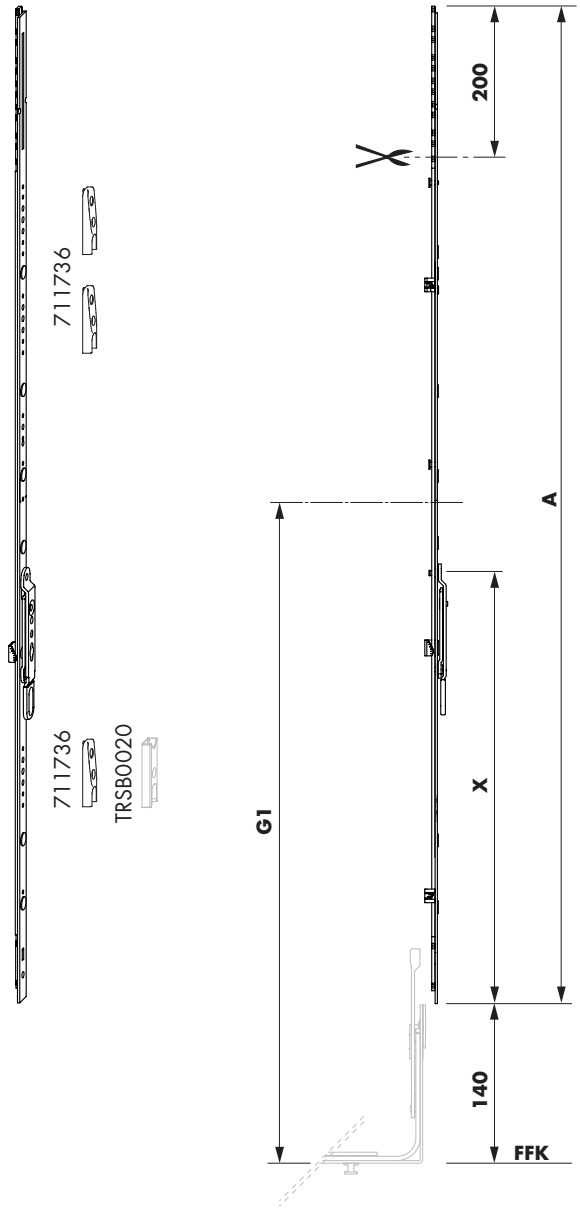
Description	Part number	Surface	Colour	Box quantity
gear 7 FAV sz 20	FGMK1310-10001_	Titan Silver	without	1 pc
	FGMK1310-10004_	Titan Silver	without	25 pcs
gear 7 FAV sz 60	FGMK1320-10001_	Titan Silver	without	1 pc
	FGMK1320-10004_	Titan Silver	without	25 pcs
gear 7 FAV sz 70 1V	FGMK1330-10001_	Titan Silver	without	1 pc
	FGMK1330-10004_	Titan Silver	without	25 pcs
gear 7 FAV sz 80 1V	FGMK1340-10001_	Titan Silver	without	1 pc
	FGMK1340-10004_	Titan Silver	without	25 pcs
gear 7 FAV sz 120 1V	FGMK1350-10001_	Titan Silver	without	1 pc
	FGMK1350-10004_	Titan Silver	without	25 pcs
gear 7 FAV sz 120 2V	FGMK1400-10001_	Titan Silver	without	1 pc
	FGMK1400-10004_	Titan Silver	without	25 pcs
gear 7 FAV sz 160 1V	FGMK1450-10001_	Titan Silver	without	1 pc
	FGMK1450-10002_	Titan Silver	without	10 pcs
gear 7 FAV sz 160 2V	FGMK1410-10001_	Titan Silver	without	1 pc
	FGMK1410-10002_	Titan Silver	without	10 pcs
gear 7 FAV sz 200 3V	FGMK1390-10001_	Titan Silver	without	1 pc
	FGMK1390-10002_	Titan Silver	without	10 pcs

Technical information

Part number	Description	FFH	Dimensions (mm)				
			G1	A	X		
FGKS4030-...	s.sash gear16 FAV 60/300	601 - 800	300	520	165	0	2
FGKS4040-...	s.sash gear16 FAV 70/300 1SB	701 - 900	300	620	165	0	2
FGKS4050-...	s.sash gear16 FAV 80/400 1SB	801 - 1000	400	720	165	0	3
FGKS4060-...	s.sash gear16 FAV 100/500 1SB	1001 - 1200	500	920	290	0	4
FGKS4070-...	s.sash gear16 FAV 120/600 1SB	1201 - 1400	600	1120	290	0	5
FGKS4290-...	s.sash gear16 FAV 140/700 2SB	1401 - 1600	700	1320	160	0	5
FGKS4330-...	s.sash gear16 FAV 160/700 2SB	1601 - 1800	700	1520	160	0	6
FGKS4100-...	s.sash gear16 FAV 180/1000 2SB	1801 - 2000	1000	1720	770	0	8
FGKS4280-...	s.sash gear16 FAV 200/1000 3SB	2001 - 2200	1000	1920	770	0	8
711736	striker plate A0767	-	-	-	-	-	2



- Handle height constant
- G1 in the main sash
- Use in slave sashes with opposing fitting groove
- TRSB0020 when using snapper TFST0021/TFST0022

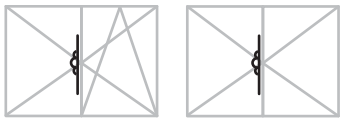


Sales information

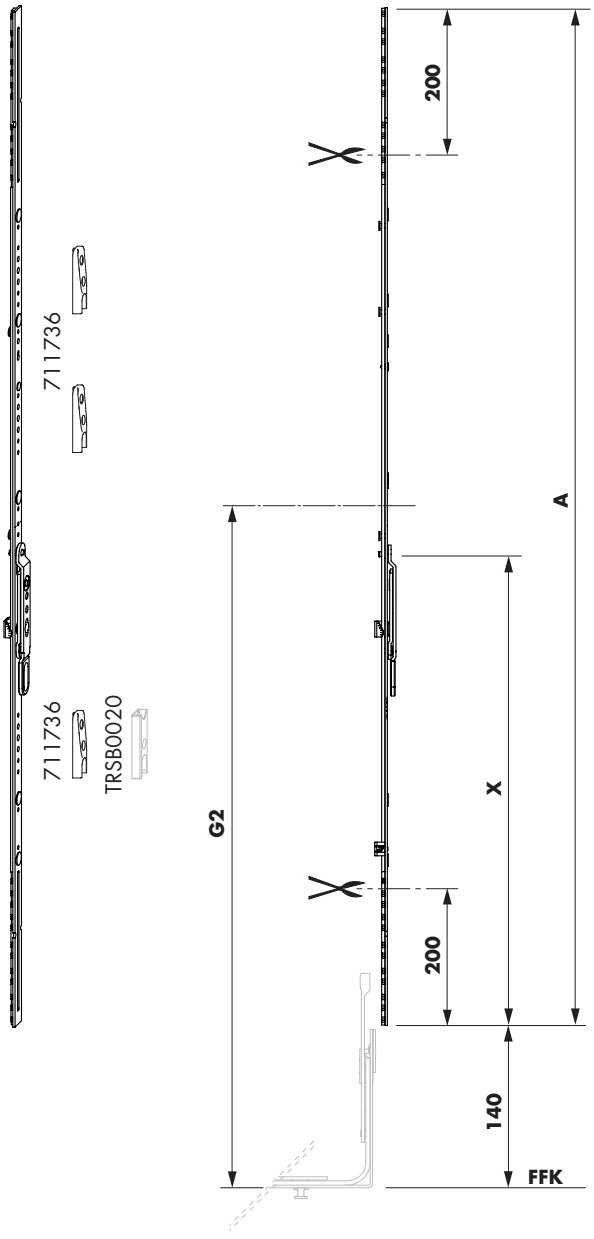
Description	Part number	Surface	Colour	Box quantity
s.sash gear16 FAV 60/300	FGKS4030-10001_	Titan Silver	without	1 pc
	FGKS4030-10004_	Titan Silver	without	25 pcs
s.sash gear16 FAV 70/300 1SB	FGKS4040-10001_	Titan Silver	without	1 pc
	FGKS4040-10004_	Titan Silver	without	25 pcs
s.sash gear16 FAV 80/400 1SB	FGKS4050-10001_	Titan Silver	without	1 pc
	FGKS4050-10004_	Titan Silver	without	25 pcs
s.sash gear16 FAV 100/500 1SB	FGKS4060-10001_	Titan Silver	without	1 pc
	FGKS4060-10004_	Titan Silver	without	25 pcs
s.sash gear16 FAV 120/600 1SB	FGKS4070-10001_	Titan Silver	without	1 pc
	FGKS4070-10004_	Titan Silver	without	25 pcs
s.sash gear16 FAV 140/700 2SB	FGKS4290-10001_	Titan Silver	without	1 pc
	FGKS4290-10004_	Titan Silver	without	25 pcs
s.sash gear16 FAV 160/700 2SB	FGKS4330-10001_	Titan Silver	without	1 pc
	FGKS4330-10004_	Titan Silver	without	25 pcs
s.sash gear16 FAV 180/1000 2SB	FGKS4100-10001_	Titan Silver	without	1 pc
	FGKS4100-10002_	Titan Silver	without	10 pcs
s.sash gear16 FAV 200/1000 3SB	FGKS4280-10001_	Titan Silver	without	1 pc
	FGKS4280-10002_	Titan Silver	without	10 pcs
striker plate A0767	711736	Titan Silver	without	1 pc
	288498	Titan Silver	without	250 pcs

Technical information

Part number	Description	FFH	Dimensions (mm)				
			G2	A	X		
FGMS4030-...	sec.sash gear 16 FAV sz 70 1SB	701 - 1100	350 - 550	820	359	0	2
FGMS4040-...	sec.sash gear16 FAV sz .80 1SB	801 - 1200	400 - 600	920	365	0	2
FGMS4140-...	sec.sash gear16 FAV sz 100 2SB	1000 - 1350	475 - 675	1070	365	0	2
FGMS4050-...	sec.sash gear16 FAV sz 120 1SB	1201 - 1600	600 - 800	1320	365	0	4
FGMS4120-...	sec.sash gear16 FAV sz 120 2SB	1201 - 1600	600 - 800	1320	570	0	6
FGMS4150-...	sec.sash gear16 FAV sz 160 1SB	1601 - 2000	800 - 1000	1720	710	0	7
FGMS4130-...	sec.sash gear16 FAV sz 160 2SB	1601 - 2000	800 - 1000	1720	710	0	7
FGMS4100-...	sec.sash gear16 FAV sz 200 3SB	2001 - 2400	1000 - 1200	2120	910	0	8
711736	striker plate A0767	-	-	-	-	-	2



- Handle height centre/variable
- G2 in the main sash
- Use in slave sashes with opposing fitting groove
- TRSB0020 when using snapper TFST0021/TFST0022



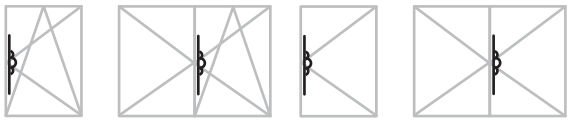
10

Sales information

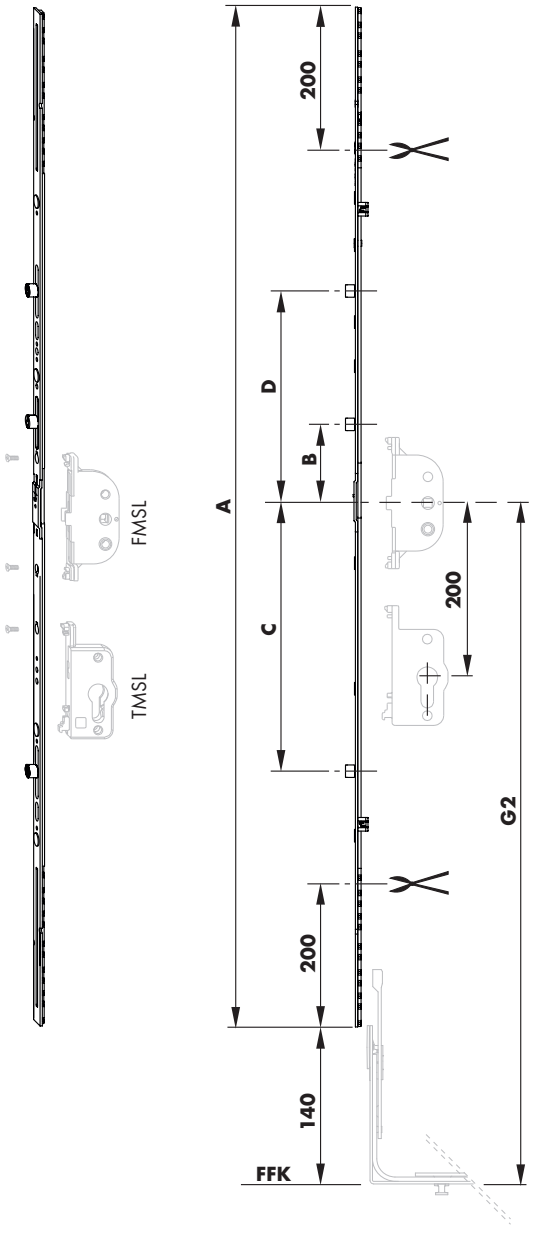
Description	Part number	Surface	Colour	Box quantity
sec.sash gear 16 FAV sz 70 1SB	FGMS4030-10001_	Titan Silver	without	1 pc
	FGMS4030-10004_	Titan Silver	without	25 pcs
sec.sash gear16 FAV sz .80 1SB	FGMS4040-10001_	Titan Silver	without	1 pc
	FGMS4040-10004_	Titan Silver	without	25 pcs
sec.sash gear16 FAV sz 100 2SB	FGMS4140-10001_	Titan Silver	without	1 pc
	FGMS4140-10004_	Titan Silver	without	25 pcs
sec.sash gear16 FAV sz 120 1SB	FGMS4050-10001_	Titan Silver	without	1 pc
	FGMS4050-10004_	Titan Silver	without	25 pcs
sec.sash gear16 FAV sz 120 2SB	FGMS4120-10001_	Titan Silver	without	1 pc
	FGMS4120-10004_	Titan Silver	without	25 pcs
sec.sash gear16 FAV sz 160 1SB	FGMS4150-10001_	Titan Silver	without	1 pc
	FGMS4150-10002_	Titan Silver	without	10 pcs
sec.sash gear16 FAV sz 160 2SB	FGMS4130-10001_	Titan Silver	without	1 pc
	FGMS4130-10002_	Titan Silver	without	10 pcs
sec.sash gear16 FAV sz 200 3SB	FGMS4100-10001_	Titan Silver	without	1 pc
	FGMS4100-10002_	Titan Silver	without	10 pcs
striker plate A0767	711736	Titan Silver	without	1 pc
	288498	Titan Silver	without	250 pcs

Technical information

Part number	Description	FFH	Dimensions (mm)						
			G2	A	B	C	D		
FGMK0520-...	gear FAV OS/PZ sz 120 1V	1201 - 1600	600 - 800	1320	80	-	-	1	4
FGMK0550-...	gear FAV OS/PZ sz 120 2V	1201 - 1600	600 - 800	1320	280	320	-	2	4
FGMK0580-...	gear FAV OS/PZ sz 160 1V	1601 - 2000	800 - 1000	1720	80	-	-	1	6
FGMK0560-...	gear FAV OS/PZ sz 160 2V	1601 - 2000	800 - 1000	1720	280	408	-	2	6
FGMK0570-...	gear FAV OS/PZ sz 200 3V	2001 - 2400	1000 - 1200	2120	80	498	502	3	8

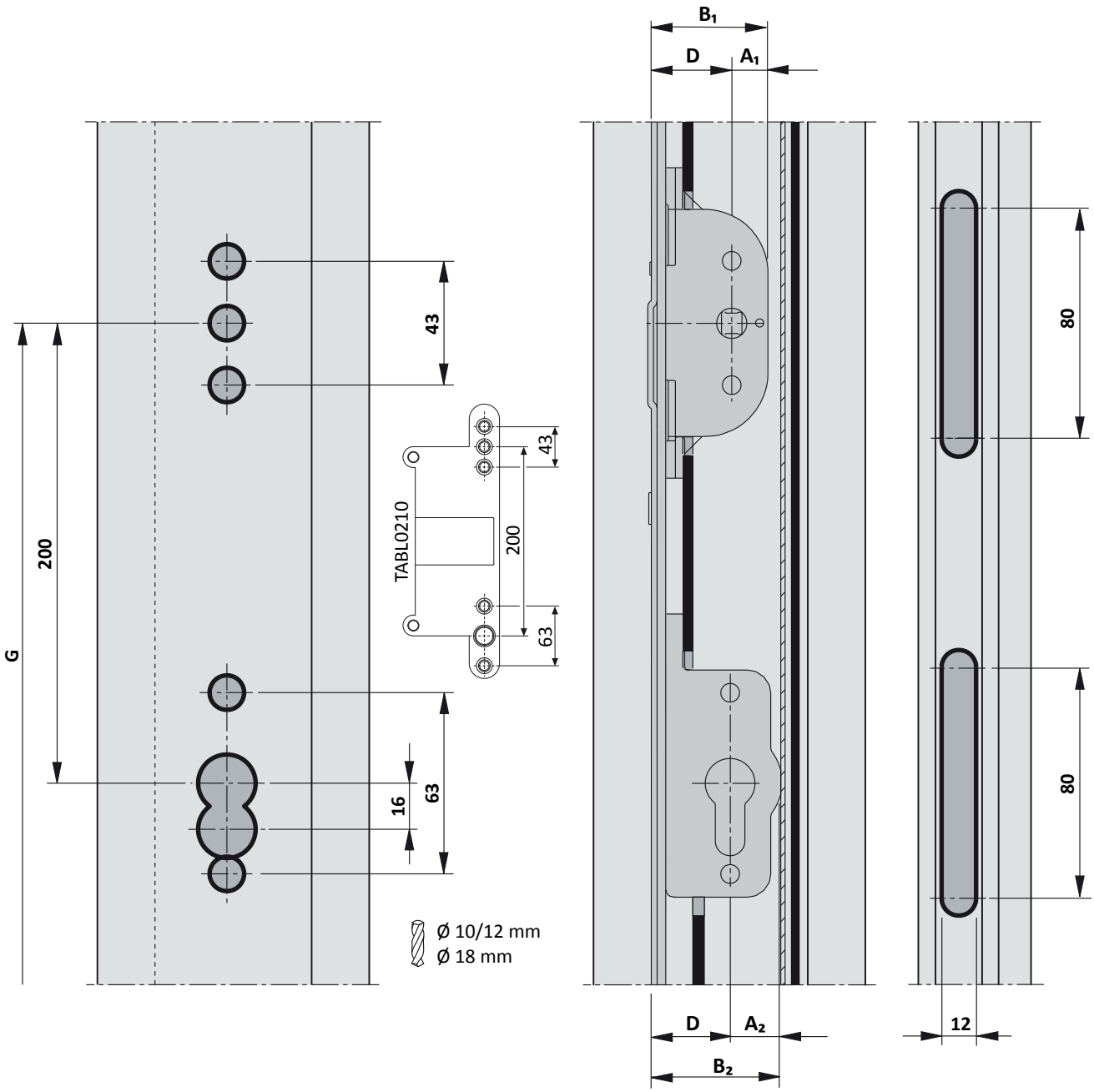


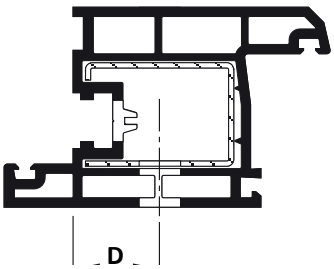
- Handle height centre/variable



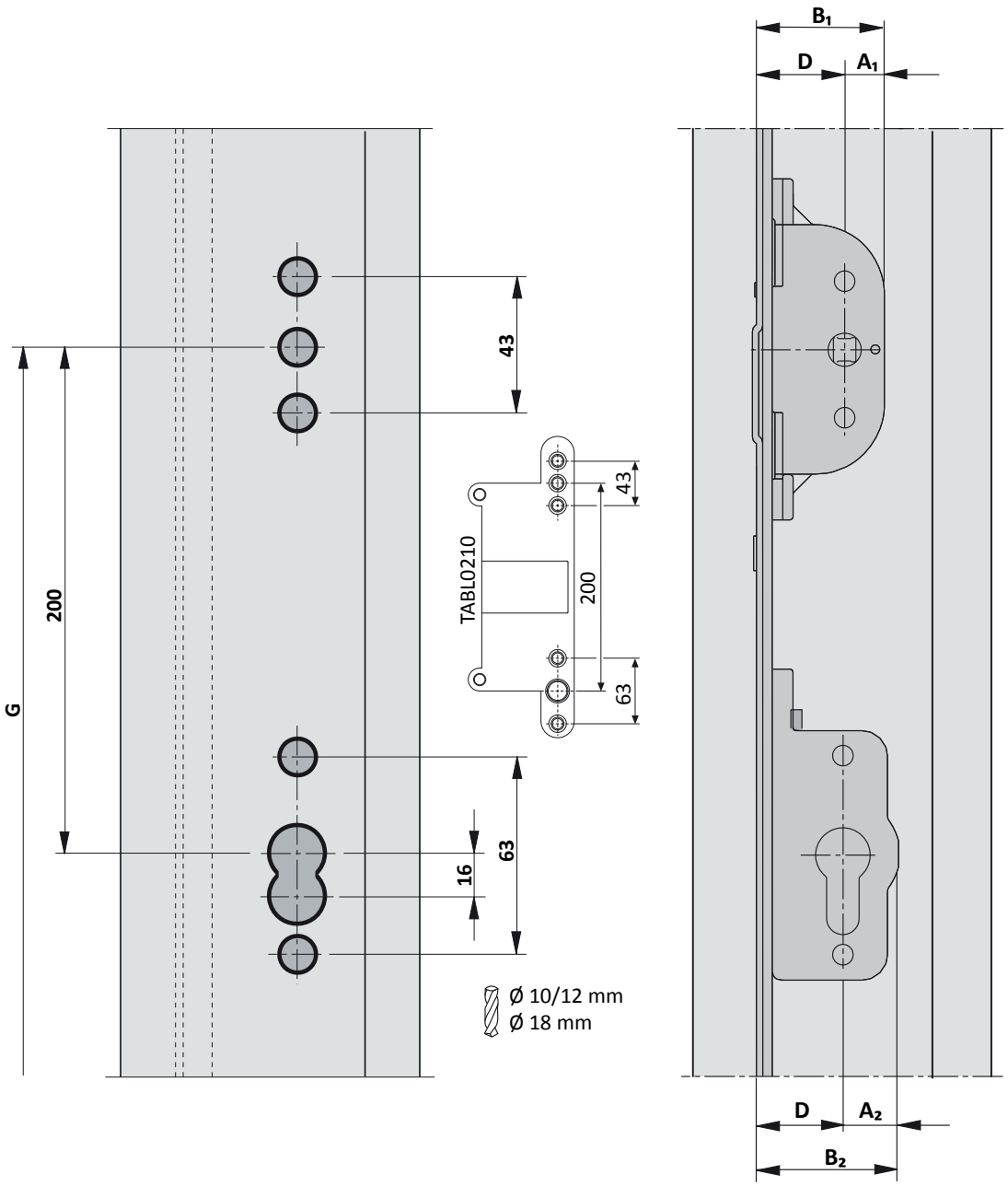
Sales information

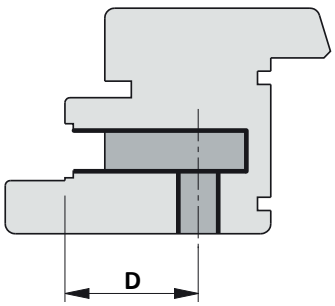
Description	Part number	Surface	Colour	Box quantity
gear FAV OS/PZ sz 120 1V	FGMK0520-10001_	Titan Silver	without	1 pc
	FGMK0520-10004_	Titan Silver	without	25 pcs
gear FAV OS/PZ sz 120 2V	FGMK0550-10001_	Titan Silver	without	1 pc
	FGMK0550-10004_	Titan Silver	without	25 pcs
gear FAV OS/PZ sz 160 1V	FGMK0580-10001_	Titan Silver	without	1 pc
	FGMK0580-10002_	Titan Silver	without	10 pcs
gear FAV OS/PZ sz 160 2V	FGMK0560-10001_	Titan Silver	without	1 pc
	FGMK0560-10002_	Titan Silver	without	10 pcs
gear FAV OS/PZ sz 200 3V	FGMK0570-10001_	Titan Silver	without	1 pc
	FGMK0570-10002_	Titan Silver	without	10 pcs





(Backset)	Dimension (mm)			
D	A_1	B_1	A_2	B_2
20	12,5	32,5	-	-
25	12,5	37,5	17	42
30	12,5	42,5	17	47
35	12,5	47,5	17	52
40	12,5	52,5	17	57
45	12,5	57,5	17	62
50	12,5	62,5	17	67
55	12,5	67,5	17	72

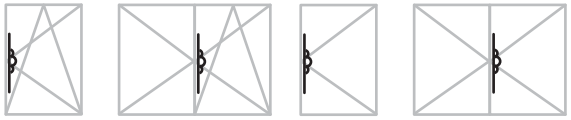




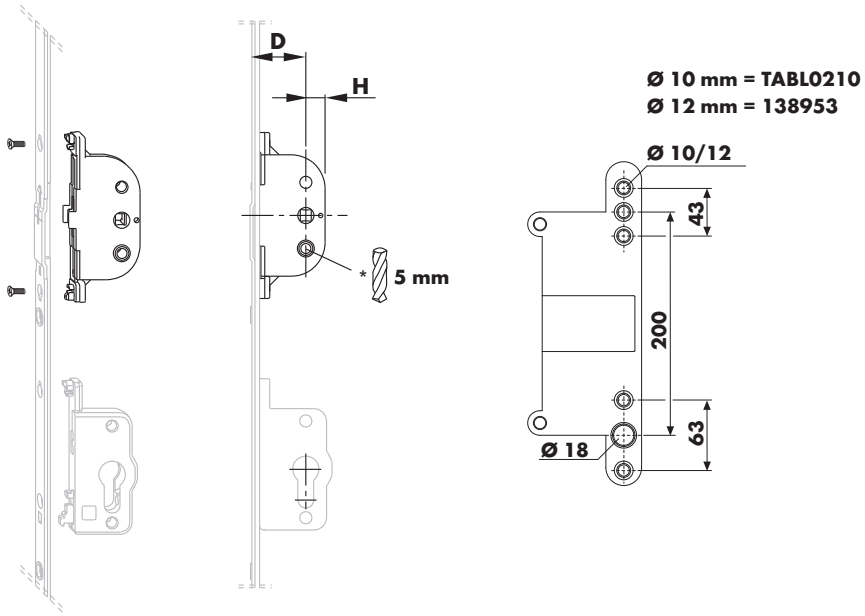
(Backset)	Dimension (mm)			
D	A_1	B_1	A_2	B_2
40	12,5	52,5	17	57
45	12,5	57,5	17	62
50	12,5	62,5	17	67
55	12,5	67,5	17	72

Technical information

Part number	Description	FFH	Dimensions (mm)	
			D	H
FMSL0250-...	gear set 25	1201 - 3000	25	12,50
FMSL0300-...	gear set 30	1201 - 3000	30	12,50
FMSL0350-...	gear set 35	1201 - 3000	35	12,50
FMSL0400-...	gear set 40	1201 - 3000	40	12,50
FMSL0450-...	gear set 45	1201 - 3000	45	12,50
FMSL0500-...	gear set 50	1201 - 3000	50	12,50



- Please note:
  On timber windows, gear sets can only be used on backsets 40-50!
- * When mounting 2 handles, the screw thread in the lockcase must be drilled out
- Dimension D = backset
- Dimension H = rear backset
- **Note:**
  Do not exceed the max. 2.5 Nm torque while screwing on the gear box.

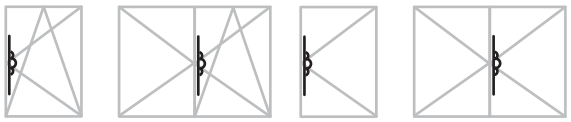


Sales information

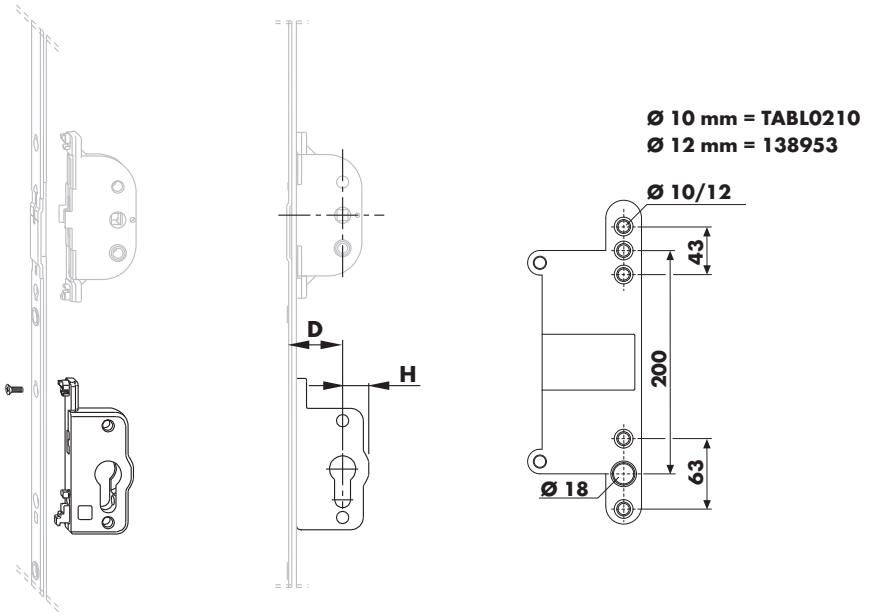
Description	Part number	Surface	Colour	Box quantity
gear set 25	FMSL0250-10005_	Titan Silver	without	50 pcs
gear set 30	FMSL0300-10005_	Titan Silver	without	50 pcs
gear set 35	FMSL0350-10005_	Titan Silver	without	50 pcs
gear set 40	FMSL0400-10005_	Titan Silver	without	50 pcs
gear set 45	FMSL0450-10005_	Titan Silver	without	50 pcs
gear set 50	FMSL0500-10005_	Titan Silver	without	50 pcs

Technical information

Part number	Description	FFH	Dimensions (mm)	
			D	H
TMSL1250-...	gear set PZ 25	1201 - 3000	25	17
TMSL1300-...	gear set PZ 30	1201 - 3000	30	17
TMSL1350-...	gear set PZ 35	1201 - 3000	35	17
TMSL1400-...	gear set PZ 40	1201 - 3000	40	17
TMSL1450-...	gear set PZ 45	1201 - 3000	45	17
TMSL1500-...	gear set PZ 50	1201 - 3000	50	17



- Please note:
  On timber windows, gear sets can only be used on backsets 40-50!
- Dimension D = backset
- Dimension H = rear backset
- **Note:**
  Do not exceed the max. 2.5 Nm torque while screwing on the gear box.

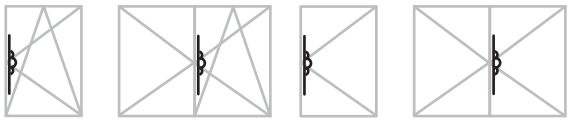


Sales information

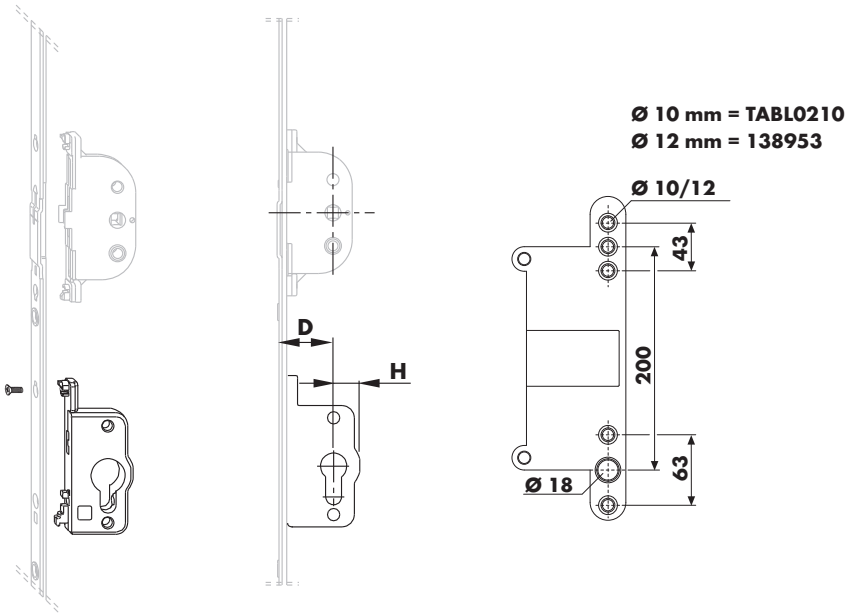
Description	Part number	Surface	Colour	Box quantity
gear set PZ 25	TMSL1250-10005_	Titan Silver	without	50 pcs
gear set PZ 30	TMSL1300-10005_	Titan Silver	without	50 pcs
gear set PZ 35	TMSL1350-10005_	Titan Silver	without	50 pcs
gear set PZ 40	TMSL1400-10005_	Titan Silver	without	50 pcs
gear set PZ 45	TMSL1450-10005_	Titan Silver	without	50 pcs
gear set PZ 50	TMSL1500-10005_	Titan Silver	without	50 pcs

Technical information

Part number	Description	FFH	Dimensions (mm)	
			D	H
TMSL2250-...	gear set PZ22 25	1201 - 3000	25	17
TMSL2350-...	gear set PZ22 35	1201 - 3000	35	17
TMSL2400-...	gear set PZ22 40	1201 - 3000	40	17
TMSL2450-...	gear set PZ22 45	1201 - 3000	45	17
TMSL2500-...	gear set PZ22 50	1201 - 3000	50	17



- Please note:
  On timber windows, gear sets can only be used on backsets 40-50!
- Dimension D = backset
- Dimension H = rear backset
- Drill out hole for profile cylinder (Ø 18) to 22 mm
- **Note:**
  Do not exceed the max. 2.5 Nm torque while screwing on the gear box.



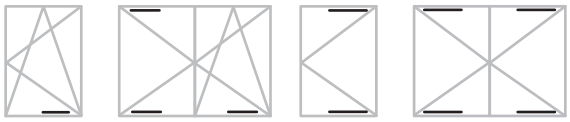
Sales information

Description	Part number	Surface	Colour	Box quantity
gear set PZ22 25	TMSL2250-10005_	Titan Silver	without	50 pcs
gear set PZ22 35	TMSL2350-10005_	Titan Silver	without	50 pcs
gear set PZ22 40	TMSL2400-10005_	Titan Silver	without	50 pcs
gear set PZ22 45	TMSL2450-10005_	Titan Silver	without	50 pcs
gear set PZ22 50	TMSL2500-10005_	Titan Silver	without	50 pcs

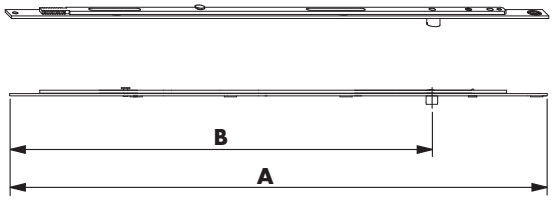
Description	Material	Page
centre lock	700969, 700976, 700983	11 - 2
linkage	703809, 703816, 703830, 703847, 703854	11 - 3
linkage FAV	FZSZ0100, FZSZ0110	11 - 5
linkage FAV A0767	FZSZ0120, FZSZ0130	11 - 6
extension MV	700945, 700952	11 - 7

Technical information

Part number	Description	Dimensions (mm)			
		A	B		
700969	centre lock sz 50	360	261	1	2
700976	centre lock sz 70	560	461	1	3
700983	centre lock sz 90	760	661	1	4



- The range of application conforms to the connecting components

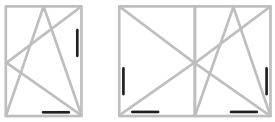


Sales information

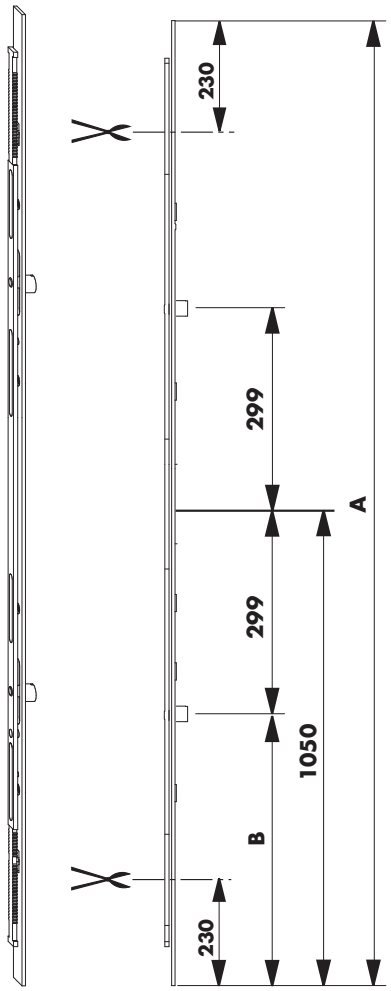
Description	Part number	Surface	Colour	Box quantity
centre lock sz 50	700969	Titan Silver	without	1 pc
	276266	Titan Silver	without	25 pcs
centre lock sz 70	700976	Titan Silver	without	1 pc
	276273	Titan Silver	without	25 pcs
centre lock sz 90	700983	Titan Silver	without	1 pc
	276280	Titan Silver	without	25 pcs

Technical information

Part number	Description	Dimensions (mm)			
		A	B		
703809	linkage sz 0	620	-	0	0
703816	linkage sz 1	820	-	0	2
703830	linkage sz 2 MV	1180	591	1	4
703847	linkage sz 3 MV	1640	821	1	6
703854	linkage sz 4 TL	2100	-	2	10



- The range of application conforms to the connecting components

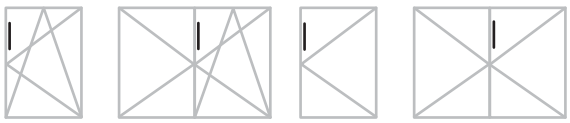


Sales information

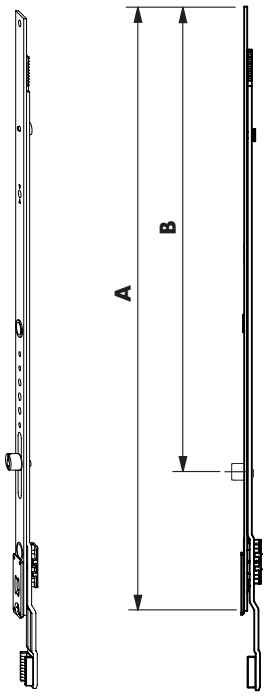
Description	Part number	Surface	Colour	Box quantity
linkage sz 0	703809	Titan Silver	without	1 pc
	279618	Titan Silver	without	25 pcs
linkage sz 1	703816	Titan Silver	without	1 pc
	279625	Titan Silver	without	25 pcs
linkage sz 2 MV	703830	Titan Silver	without	1 pc
	279649	Titan Silver	without	25 pcs
linkage sz 3 MV	703847	Titan Silver	without	1 pc
	279656	Titan Silver	without	10 pcs
linkage sz 4 TL	703854	Titan Silver	without	1 pc
	279663	Titan Silver	without	10 pcs

Technical information

Part number	Description	Dimensions (mm)			
		A	B		
FZSZ0100-...	linkage FAV sz 200 1V	200	105	1	2
FZSZ0110-...	linkage FAV sz 400 1V	400	305	1	4



- The range of application conforms to the connecting components

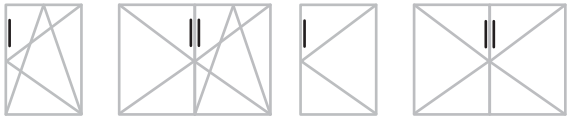


Sales information

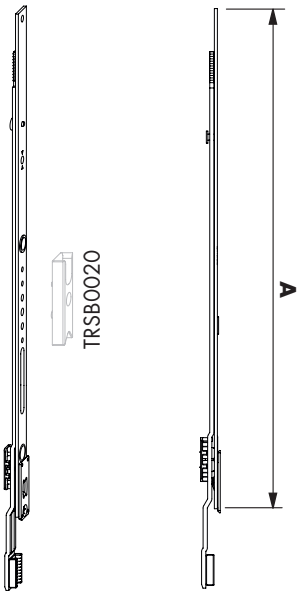
Description	Part number	Surface	Colour	Box quantity
linkage FAV sz 200 1V	FZSZ0100-10001_	Titan Silver	without	1 pc
	FZSZ0100-10004_	Titan Silver	without	25 pcs
linkage FAV sz 400 1V	FZSZ0110-10001_	Titan Silver	without	1 pc
	FZSZ0110-10004_	Titan Silver	without	25 pcs

Technical information

Part number	Description	Dimensions (mm) A		
FZSZ0120-...	linkage FAV sz 200 A0767	200	0	2
FZSZ0130-...	linkage FAV sz 400 A0767	400	0	3



- The range of application conforms to the connecting components

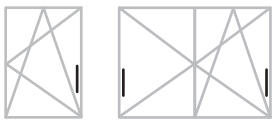


Sales information

Description	Part number	Surface	Colour	Box quantity
linkage FAV sz 200 A0767	FZSZ0120-10001_	Titan Silver	without	1 pc
	FZSZ0120-10004_	Titan Silver	without	25 pcs
linkage FAV sz 400 A0767	FZSZ0130-10001_	Titan Silver	without	1 pc
	FZSZ0130-10004_	Titan Silver	without	25 pcs

Technical information

Part number	Description	Dimensions (mm)			
		A	B		
700945	MV extension sz 40	400	301	1	2
700952	MV extension sz 60	600	501	1	3



- The range of application conforms to the connecting components



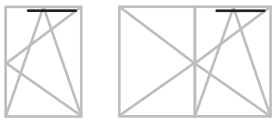
Sales information

Description	Part number	Surface	Colour	Box quantity
MV extension sz 40	700945	Titan Silver	without	1 pc
	276242	Titan Silver	without	25 pcs
MV extension sz 60	700952	Titan Silver	without	1 pc
	276259	Titan Silver	without	25 pcs

Description	Material	Page
stay 7	707302, 707319, 707326, 707333	12 - 2
stay 7 TBT	707357, 707364, 707371, 707388	12 - 3
additional stay FAV 1V	TSZS0010, TSZS0030, TZSZ0020, FZKO0100	12 - 4
additional stay FAV TBT 1V	TSZS0010, TSZS0030, TZSZ0020, FZOT0100	12 - 5
stay 7 DF	707340	12 - 6
telescopic tilt only stay	TSKF0020, TFZB0050, TFZB0060, TFZB0070	12 - 7
tilt only safety stay	ASFP0031, ASFP0032, ASFP0041, ASFP0042, ASFP0131, ASFP0132, ASFP0141, ASFP0142, ZFFO0010	12 - 8
friction stay	704110, 704127, 704134, FSBR0010	12 - 10
sash brake	FSBR0020, FSBR0030	12 - 11

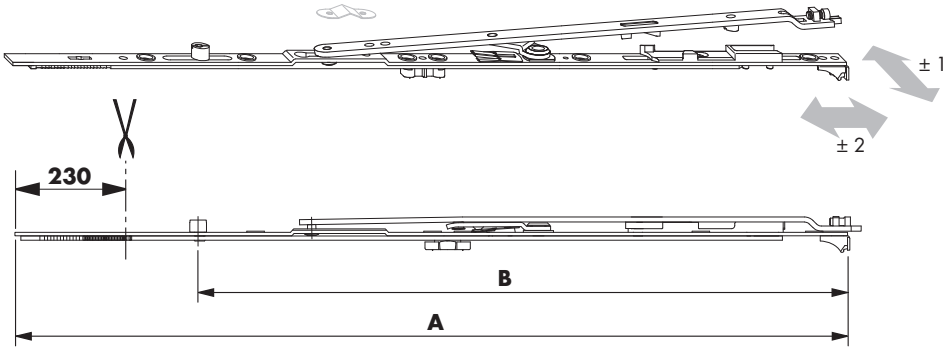
Technical information

Part number	Description	FFB	Dimensions (mm)		sash weight		
			A	B			
707302	stay 7 sz 30	290 - 620	484	-	130 kg	0	4
707319	stay 7 sz 35 MV	621 - 800	660	373	130 kg	1	5
707326	stay 7 sz 50 MV	801 - 1030	890	551	130 kg	1	7
707333	stay 7 sz 55 MV	1031 - 1260	1120	551	130 kg	1	8



- Notice:
  FFB 1261-1490 mm: Additional stay to be combined with stay 7 size 50
  FFB 1491-1650 mm: Additional stay to be combined with stay 7 size 55
- For rebate width 15 - 22 mm
- Air gap min. 12 mm

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

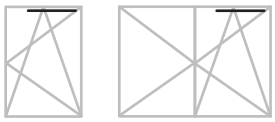


Sales information

Description	Part number	Surface	Colour	Box quantity
stay 7 sz 30	707302	Titan Silver	without	1 pc
	283431	Titan Silver	without	25 pcs
stay 7 sz 35 MV	707319	Titan Silver	without	1 pc
	283455	Titan Silver	without	25 pcs
stay 7 sz 50 MV	707326	Titan Silver	without	1 pc
	283479	Titan Silver	without	25 pcs
stay 7 sz 55 MV	707333	Titan Silver	without	1 pc
	283493	Titan Silver	without	25 pcs

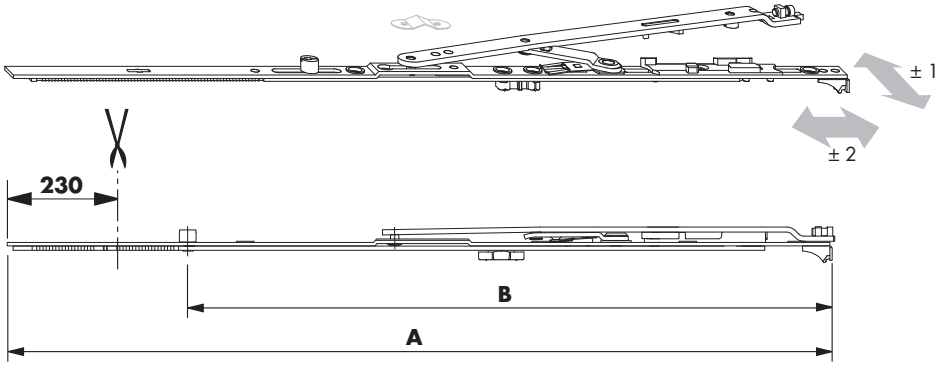
Technical information

Part number	Description	FFB	Dimensions (mm)		sash weight		
			A	B			
707357	stay 7 TBT sz 30	290 - 620	484	-	130 kg	0	4
707364	stay 7 TBT sz 35 MV	621 - 800	660	373	130 kg	1	5
707371	stay 7 TBT sz 50 MV	801 - 1030	890	551	130 kg	1	7
707388	stay 7 TBT sz 55 MV	1031 - 1260	1120	551	130 kg	1	8



- Notice:
  FFB 1261-1490 mm: Additional stay to be combined with stay 7 TBT size 50
  FFB 1491-1650 mm: Additional stay to be combined with stay 7 TBT size 55
- Sequence of operation: TILT before TURN
- For rebate width 15 - 22 mm
- Air gap min. 12 mm

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

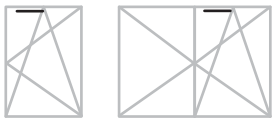


Sales information

Description	Part number	Surface	Colour	Box quantity
stay 7 TBT sz 30	707357	Titan Silver	without	1 pc
	283530	Titan Silver	without	25 pcs
stay 7 TBT sz 35 MV	707364	Titan Silver	without	1 pc
	283547	Titan Silver	without	25 pcs
stay 7 TBT sz 50 MV	707371	Titan Silver	without	1 pc
	283554	Titan Silver	without	25 pcs
stay 7 TBT sz 55 MV	707388	Titan Silver	without	1 pc
	283561	Titan Silver	without	25 pcs

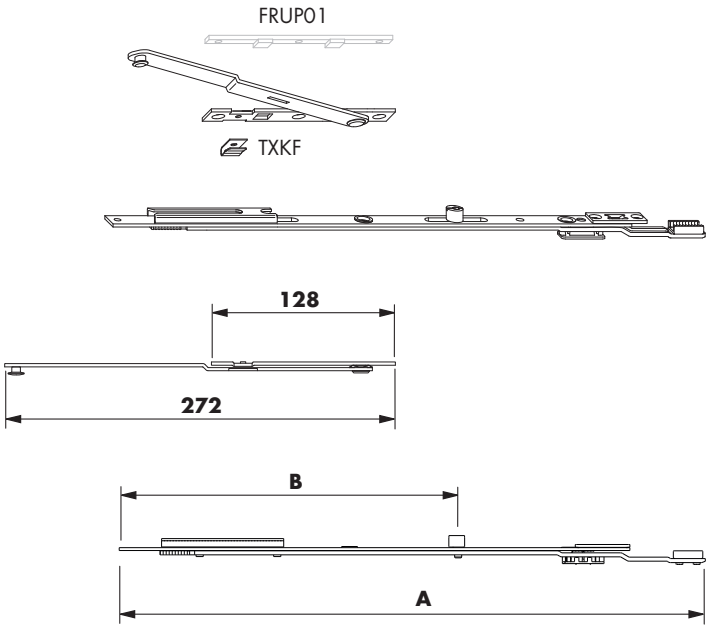
Technical information

Part number	Description	FFB	Dimensions (mm)		Airgap	Groove axis		
			A	B				
TSZS0010-...	additional stay 18/9	-	-	-	12	9	-	3
TSZS0030-...	additional stay 20/9	-	-	-	12	9	-	6
TSZS0020-...	additional stay 26/13	-	-	-	12	13	-	3
FZOK0100-...	linkage S/Z FAV 1V	1261 - 1650	460	339	-	-	2	3



- Supply of additional stays including clamping spring TXKF
- Packer, refer to PDB line item FRUP01

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

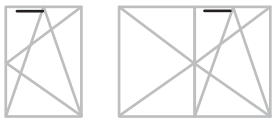


Sales information

Description	Part number	Surface	Colour	Box quantity
additional stay 18/9	TSZS0010-10001_	Titan Silver	without	1 pc
	TSZS0010-10005_	Titan Silver	without	50 pcs
additional stay 20/9	TSZS0030-10001_	Titan Silver	without	1 pc
	TSZS0030-10005_	Titan Silver	without	50 pcs
additional stay 26/13	TSZS0020-10001_	Titan Silver	without	1 pc
	TSZS0020-10005_	Titan Silver	without	50 pcs
linkage S/Z FAV 1V	FZOK0100-10001_	Titan Silver	without	1 pc
	FZOK0100-10004_	Titan Silver	without	25 pcs

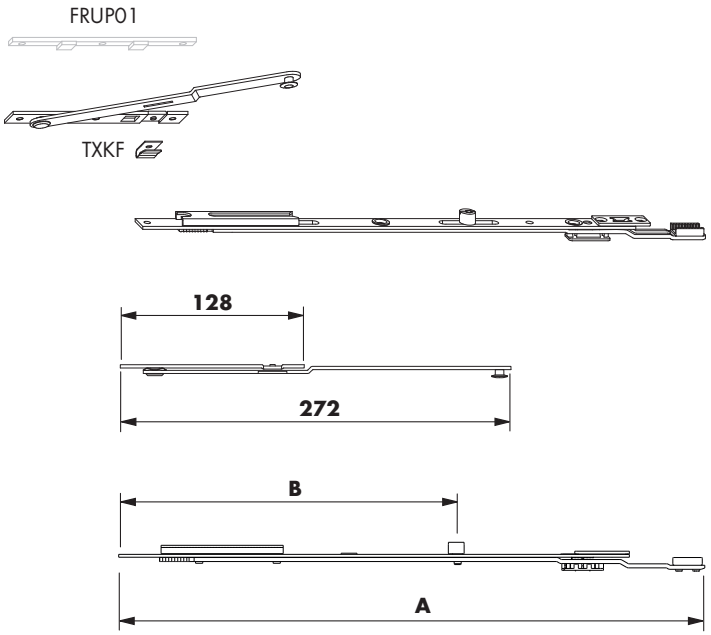
Technical information

Part number	Description	FFB	Dimensions (mm)		Airgap	Groove axis		
			A	B				
TSZS0010-...	additional stay 18/9	-	-	-	12	9	-	3
TSZS0030-...	additional stay 20/9	-	-	-	12	9	-	6
TSZS0020-...	additional stay 26/13	-	-	-	12	13	-	3
FZOT0100-...	linkage S/Z TBT FAV 1V	1261 - 1650	460	339	-	-	2	3



- Supply of additional stays including clamping spring TXKF
- Packer, refer to PDB line item FRUP01

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

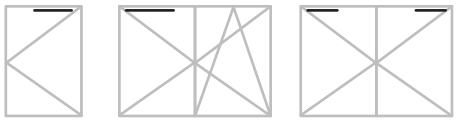


Sales information

Description	Part number	Surface	Colour	Box quantity
additional stay 18/9	TSZS0010-10001_	Titan Silver	without	1 pc
	TSZS0010-10005_	Titan Silver	without	50 pcs
additional stay 20/9	TSZS0030-10001_	Titan Silver	without	1 pc
	TSZS0030-10005_	Titan Silver	without	50 pcs
additional stay 26/13	TSZS0020-10001_	Titan Silver	without	1 pc
	TSZS0020-10005_	Titan Silver	without	50 pcs
linkage S/Z TBT FAV 1V	FZOT0100-10001_	Titan Silver	without	1 pc
	FZOT0100-10004_	Titan Silver	without	25 pcs

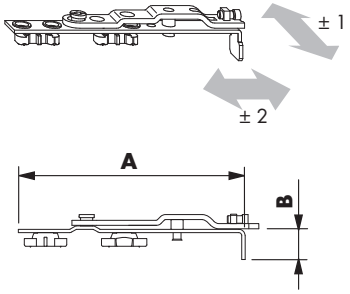
Technical information

Part number	Description	FFB	Dimensions (mm)		sash weight		
			A	B			
707340	stay 7 DF	290 - 1560	148	20	130 kg	0	4



- For rebate width 15 - 22 mm
- Air gap min. 12 mm
- For sashes with fitting groove
- For basic security

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”



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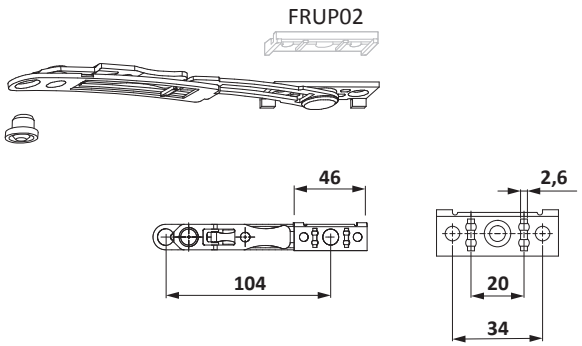
Sales information

Description	Part number	Surface	Colour	Box quantity
stay 7 DF	707340	Titan Silver	without	1 pc
	283516	Titan Silver	without	25 pcs

Technical information

Part number	Description	FFB	sash weight		
TSKF0020-...	telescopic tilt only stay (2)	528 - 2400	50 kg	0	2
TFZB0050-...	lock.bolt f.rais.ring facepl. ..	-	-	-	-
TFZB0060-...	lock.bolt for flat faceplates ..	-	-	-	-
TFZB0070-...	lock.bolt+screw f.flat facepl. ..	-	-	-	-

- Minimum component length 110 mm due to telescope arm
- The tilt movement is slowed down
- Packer refer to PDB line item FRUP02



Sales information

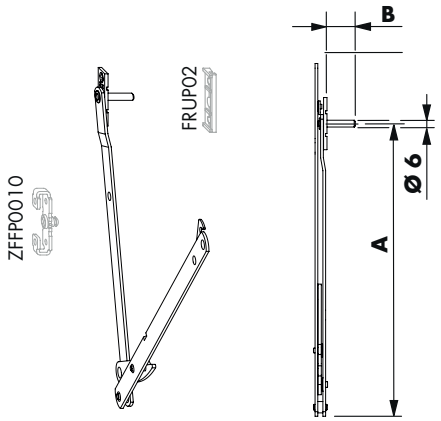
Description	Part number	Surface	Colour	Box quantity
telescopic tilt only stay (2)	TSKF0020-10001_	Titan Silver	without	1 pc
	TSKF0020-10006_	Titan Silver	without	100 pcs
lock.bolt f.rais.ring facepl. ..	TFZB0050-10001_	Titan Silver	without	1 pc
	TFZB0050-10006_	Titan Silver	without	100 pcs
lock.bolt for flat faceplates ..	TFZB0060-10001_	Titan Silver	without	1 pc
	TFZB0060-10006_	Titan Silver	without	100 pcs
lock.bolt+screw f.flat facepl. ..	TFZB0070-10006_	Titan Silver	without	100 pcs

Technical information

Part number	Description	Dimensions (mm)		sash weight	
		A	B		
ASFP0031-...	tilt only safety stay 25 sz.1 rh.	163	25	50 kg	2
ASFP0032-...	tilt only safety stay 25 sz.1 lh.	163	25	50 kg	2
ASFP0041-...	tilt only safety stay 25 sz.2 rh.	258	25	50 kg	2
ASFP0042-...	tilt only safety stay 25 sz.2 lh.	258	25	50 kg	2
ASFP0131-...	tilt only safety stay 13 sz.1 rh.	163	13	50 kg	2
ASFP0132-...	tilt only safety stay 13 sz.1 lh.	163	13	50 kg	2
ASFP0141-...	tilt only safety stay 13 sz.2 rh.	258	13	50 kg	4
ASFP0142-...	tilt only safety stay 13 sz.2 lh.	258	13	50 kg	4
ZFFP0010-...	fixing claw	-	-	50 kg	2

- Packer refer to PDB line item FRUP02
- Always use two tilt only safety stays per tilt sash
- For sash weights up to max. 80 kg see "80 kg tilt sash" assembly instructions

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

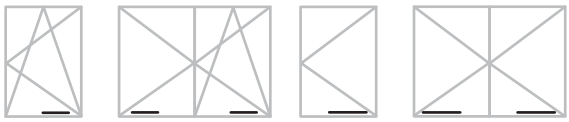


Sales information

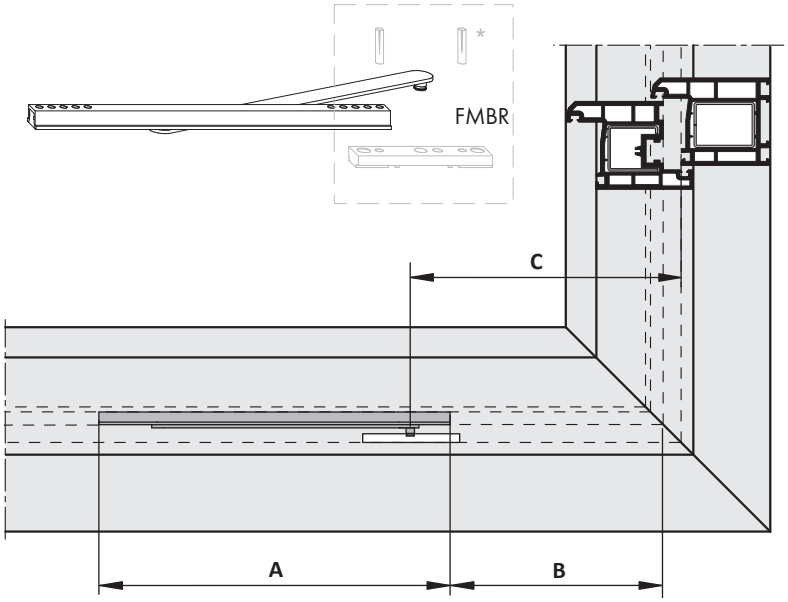
Description	Part number	Surface	Colour	Box quantity
tilt only safety stay 25 sz.1 rh.	ASFP0031-10001_	Titan Silver	without	1 pc
	ASFP0031-10002_	Titan Silver	without	10 pcs
tilt only safety stay 25 sz.1 lh.	ASFP0032-10001_	Titan Silver	without	1 pc
	ASFP0032-10002_	Titan Silver	without	10 pcs
tilt only safety stay 25 sz.2 rh.	ASFP0041-10001_	Titan Silver	without	1 pc
	ASFP0041-10002_	Titan Silver	without	10 pcs
tilt only safety stay 25 sz.2 lh.	ASFP0042-10001_	Titan Silver	without	1 pc
	ASFP0042-10002_	Titan Silver	without	10 pcs
tilt only safety stay 13 sz.1 rh.	ASFP0131-10001_	Titan Silver	without	1 pc
	ASFP0131-10002_	Titan Silver	without	10 pcs
tilt only safety stay 13 sz.1 lh.	ASFP0132-10001_	Titan Silver	without	1 pc
	ASFP0132-10002_	Titan Silver	without	10 pcs
tilt only safety stay 13 sz.2 rh.	ASFP0141-10001_	Titan Silver	without	1 pc
	ASFP0141-10002_	Titan Silver	without	10 pcs
tilt only safety stay 13 sz.2 lh.	ASFP0142-10001_	Titan Silver	without	1 pc
	ASFP0142-10002_	Titan Silver	without	10 pcs
fixing claw	ZFFP0010-10001_	Titan Silver	without	1 pc
	ZFFP0010-10002_	Titan Silver	without	10 pcs

Technical information

Part number	Description	FFB	Dimensions (mm)				
			A	B	C		
704110	friction stay sz 190/126	425 - 800	190	29	45	1	4
704127	friction stay sz 280/236,5	611 - 1200	280	125	117	1	4
704134	friction stay sz 360/270	691 - 1460	360	125	160	1	4
FSBR0010-...	friction stay sz 410/300	757 - 1560	410	141	190	1	4



- Adjustable brake effect (SW 2.5)
- Opening angle max. 90°
- Do not use as an opening restrictor!
- *Acc. bag friction stay refer to PDB line item FMBR
- When using friction stays, the extension parts required for the locking distances must be taken into account
- The break stay sz 190/126 cannot be used in combination with a rebate corner hinge

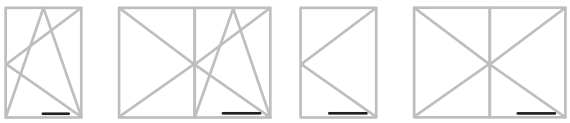


Sales information

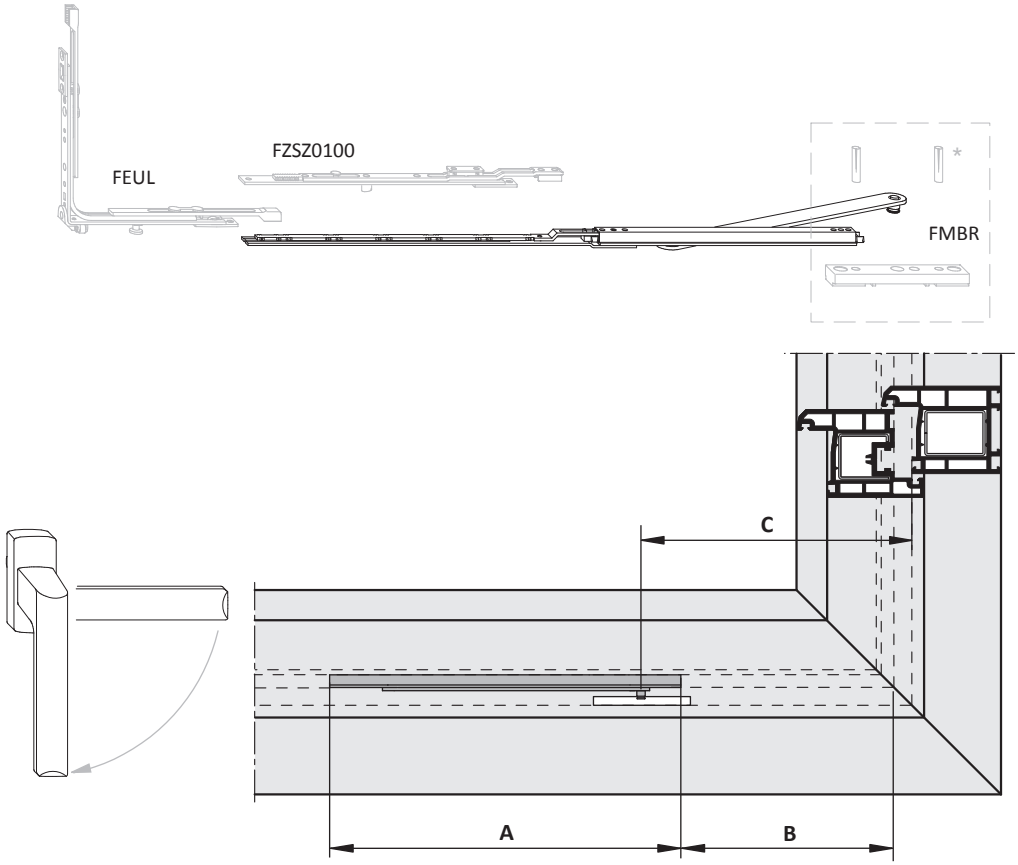
Description	Part number	Surface	Colour	Box quantity
friction stay sz 190/126	704110	Titan Silver	without	1 pc
	279939	Titan Silver	without	25 pcs
friction stay sz 280/236,5	704127	Titan Silver	without	1 pc
	279946	Titan Silver	without	25 pcs
friction stay sz 360/270	704134	Titan Silver	without	1 pc
	279953	Titan Silver	without	25 pcs
friction stay sz 410/300	FSBR0010-10001_	Titan Silver	without	1 pc
	FSBR0010-10002_	Titan Silver	without	10 pcs

Technical information

Part number	Description	FFB	Dimensions (mm)				
			A	B	C		
FSBR0020-...	brake stay sz 1	470 - 690	540	55	18	1	4
FSBR0030-...	brake stay sz 2	680 - 960	718	132	104	1	4



- The dimensions specified only apply when using surface mounted hinges, whose pivot points correspond to SIEGENIA hinges. If pivot points differ, adjust dimensions so that a sash opening angle of 100° is not exceeded.
- Brake stay sz 1 **must not** used together with rebate corner hinges
- **Intended Use:**
  Keep inward opening window sash of side-hung and tilt and turn window elements in turn position for brief ventilation.
- Service in accordance with our operating and maintenance manual
- *Acc. bag friction stay refer to PDB line item FMBR
- **The following must be observed:**
  VHBH Guideline (Specification and Information on the Product and Liability) with the applicable documents stated herein) and the FBDF Guideline (Brake stay for Variable Turning Position of Sashes) - Download the guidelines at www.beschlagindustrie.de/ggsb/richtlinien.asp). Information from the profile manufacturer and/or system provider (PVC, aluminium) or the DIN 68 121 – „Timber Profiles for Windows and French Windows"



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Sales information

Description	Part number	Surface	Colour	Box quantity
brake stay sz 1	FSBR0020-10001_	Titan Silver	without	1 pc
	FSBR0020-10002_	Titan Silver	without	10 pcs
brake stay sz 2	FSBR0030-10001_	Titan Silver	without	1 pc
	FSBR0030-10002_	Titan Silver	without	10 pcs

Installation advice

⚠ DANGER

Risk of injury and death due to a sash falling out in the event of misuse!

In the event of misuse (= movement of the sash that is opened and positioned in the direction of the turning position without first releasing the turn restrictor), large forces can be transferred on to bearing points (hinge-side supporting hardware) and their fixings, which can lead to their malfunction or failure.

- Select and fit hinge-side bearing hardware so that, even in the event of misuse of the sash that is opened and positioned in the direction of the turning position, damage to the load-bearing hardware or the malfunction or failure of the fixing is eliminated.
- Check whether the combination of window profile, hinge-side supporting hardware chosen – this also applies to SIEGENIA hinges – and their fixings withstands misuse. In this respect, check the sash opened and positioned in the direction of the turning position in accordance with Item 3.2 of Guideline FBDF.
- Apply operating instruction stickers near to the handle to avoid misuse.
- The turn restrictors shown here:
  - are used to keep a sash in a defined turning position
  - act against the accidental movement of a sash
  - offer no protection against falling out of a window
  - are not fall protection devices in the sense of the TRAV
  - do not constitute child safety locks
  - are not envisaged for use as arrestable brake-stays for the purposes of cleaning
  - are not envisaged for use as obstruction protection
  - are so-called comfort elements and thus are not safety devices in accordance with Item 4.8 of DIN EN 14351-1:2006+A1 and are not opening limiters in accordance with EN 13126-5

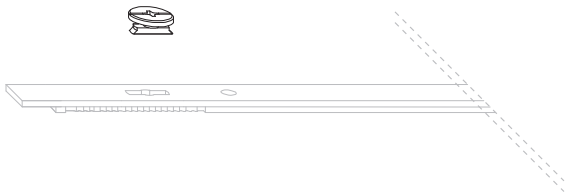
Description	Material	Page
location piece	702543	13 - 3
turn lock w. cylinder	713433, 801277, 892510	13 - 4
energy saving stay	ZSES0010	13 - 5
mishandling device FAV	FFBS0110, TFFD0 11, TFFD0012, TFFD0021, TFFD0022	13 - 6
mishandling device	TFBS0081, TFBS0082	13 - 7
sash lift A2000	TFFH0010	13 - 8
sash lift FAV	284186, 284193	13 - 9
sash part MV conc.	700655, 700662, FFMV0020, TFMV0020	13 - 10
travel restrictor	TFHB0010, TFHB0020	13 - 11
tilt restrictor FAV	805701	13 - 12
logoclip	ZASS0010	13 - 13
snapper	TFST0021, TFST0022	13 - 14
snapper switchable	TFST0011, TFST0012	13 - 15
handle GLOBE	ZHGS0010, ZHGS0020, ZHGS1000	13 - 16
handle GLOBE SI-AU	ZHGS0040	13 - 17
handle GLOBE SEC	ZHGS0100, ZHGS0050, ZHGS0060, ZHGS0110	13 - 18
handle GLOBE SEC SI-AU	ZHGS0080	13 - 20
handle GLOBE SEC 12	ZHGS0090	13 - 21
handle GLOBE lock. 40	ZHGA0010, ZHGA0020, ZHGA0070	13 - 22
handle GLOBE SEC ABS 100	ZHGA0060, ZHGA0080	13 - 23
handle GLOBE DKN	ZHGD0020, ZHGD0030	13 - 24
handle GLOBE TBT 40	ZHGT0010, ZHGT0020, ZHGT0030	13 - 25
handle GLOBE SP	ZHGL0020	13 - 26
handle GLOBE demountable	ZHGN0010, ZHGR0030	13 - 27
handle GLOBE TL/PZ	ZMZP0030, ZMZP0020, ZMZP0010, ZMZP0040, ZMGP0010	13 - 28
handle GLOBE TL/PZ flat	ZMZP0030, ZMZP0020, ZMZP0010, ZMZP0040, ZMGP0020	13 - 29
handle Si-line	872130, 844052, 853856, 868973, ZHSS0030	13 - 30

Description	Material	Page
handle Si-line SI-AU	ZHSS3160, 893951	13 - 32
handle Si-line lockable	852392, 862575, ZHSA3020	13 - 33
handle Si-line lockable TBT	873700, 873724	13 - 34
handle Si-line SP	871119	13 - 35
handle Si-line flat	892473	13 - 36
handle SI w/o square spindle	853368	13 - 37
handle SIAU w/o square spindle	ZHSO3000	13 - 38
handle Si-line TL/PZ	ZMZP0030, ZMZP0020, ZMZP0010, ZMZP0040, 871423	13 - 39
flat handle Si-line TL/PZ	ZMZP0030, ZMZP0020, ZMZP0010, ZMZP0040, 870488	13 - 40
rose Si-line	862605, ZHAN0010	13 - 42

Technical information

Part number	Description
702543	location piece ..

- For fixation of the faceplate in the fitting groove
- In connection with stays FAVORIT



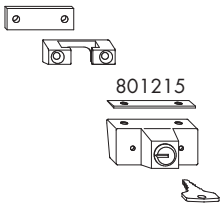
Sales information

Description	Part number	Surface	Colour	Box quantity
location piece ..	702543	Titan Silver	without	1 pc
	278123	Titan Silver	without	500 pcs

Technical information

Part number	Description	
713433	turning lock w. cylinder ..	-
801277	packer turning lock	0
892510	key 2W 145	-

- Lockable in closed and tilt position
- The sash can be tilted when turn lock is activated
- Please order packer and compensation piece 5° 801215 separately
- The key 2 W 145, material number 892510 is included in the box.



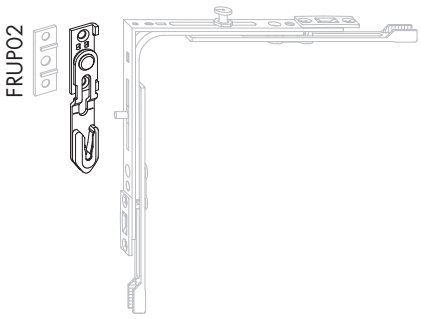
Sales information

Description	Part number	Surface	Colour	Box quantity
turning lock w. cylinder ..	880906	neutral	RAL9003	1 pc
	268599	neutral	RAL9003	50 pcs
	880913	neutral	RAL8019	1 pc
	268605	neutral	RAL8019	50 pcs
	713433	Titan Silver	without	1 pc
	295496	Titan Silver	without	50 pcs
packer turning lock	801284	neutral	RAL9003	1 pc
	801291	neutral	RAL8019	1 pc
	801277	Titan Silver	without	1 pc
key 2W 145	892510	Titan Silver	without	1 pc

Technical information

Part number	Description
ZSES0010-...	energy saving stay ES040 ..

- Enables the sash to be tilted in an energy saving night-vent position
- Packer refer to PDB line item FRUP02



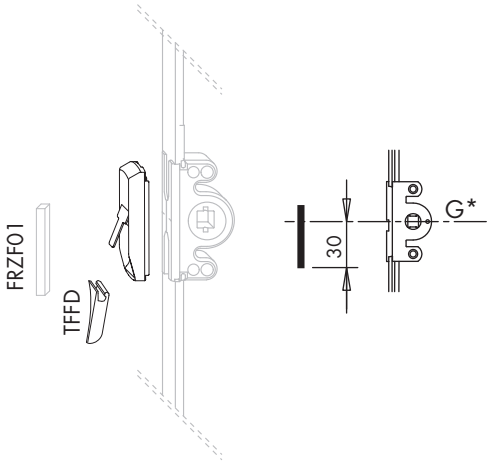
Sales information

Description	Part number	Surface	Colour	Box quantity
energy saving stay ES040 ..	ZSES0010-10001_	Titan Silver	without	1 pc
	ZSES0010-10005_	Titan Silver	without	50 pcs

Technical information

Part number	Description
FFBS0110-...	mishandling device FAV.
TFFD0011-...	pressure piece 9 rh.
TFFD0012-...	pressure piece 9 lh.
TFFD0021-...	pressure piece 13 rh.
TFFD0022-...	pressure piece 13 lh.

- Refer to the PDB, line item FRZF01 for matching stops
- * With handle position constant: handle position G + 12 mm



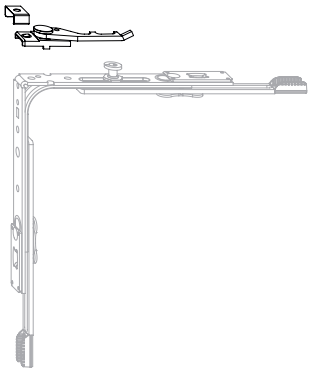
Sales information

Description	Part number	Surface	Colour	Box quantity
mishandling device FAV.	FFBS0110-04001_	neutral	silver	1 pc
	FFBS0110-04007_	neutral	silver	250 pcs
pressure piece 9 rh.	TFFD0011-02301_	neutral	RAL9005	1 pc
	TFFD0011-02307_	neutral	RAL9005	250 pcs
pressure piece 9 lh.	TFFD0012-02301_	neutral	RAL9005	1 pc
	TFFD0012-02307_	neutral	RAL9005	250 pcs
pressure piece 13 rh.	TFFD0021-02301_	neutral	RAL9005	1 pc
	TFFD0021-02307_	neutral	RAL9005	250 pcs
pressure piece 13 lh.	TFFD0022-02301_	neutral	RAL9005	1 pc
	TFFD0022-02307_	neutral	RAL9005	250 pcs

Technical information

Part number	Description
TFBS0081-...	mishandling device 13 rh.
TFBS0082-...	mishandling device 13 lh.

- For striker plates with 56 mm component length
- Applicable on 13 mm groove position
- Also applicable for TBT



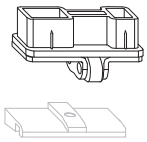
Sales information

Description	Part number	Surface	Colour	Box quantity
mishandling device 13 rh.	TFBS0081-10001_	Titan Silver	without	1 pc
	TFBS0081-10006_	Titan Silver	without	100 pcs
mishandling device 13 lh.	TFBS0082-10001_	Titan Silver	without	1 pc
	TFBS0082-10006_	Titan Silver	without	100 pcs

Technical information

Part number	Description
TFFH0010-...	sash lift .. A2000

- For open hardware groove
- Positioning up to max. middle of the sash
- Run-up ramp for sash lift; refer to PDB, line item TRAL



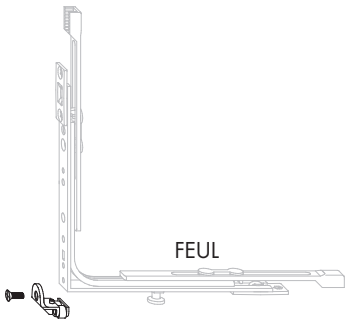
TRAL

Sales information

Description	Part number	Surface	Colour	Box quantity
sash lift .. A2000	TFFH0010-10001_	Titan Silver	without	1 pc
	TFFH0010-10005_	Titan Silver	without	50 pcs
	TFFH0010-10008_	Titan Silver	without	500 pcs

Technical information

Part number	Description
284186	bag sash lift S-ES 9
284193	bag sash lift S-ES 13



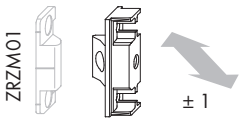
Sales information

Description	Part number	Surface	Colour	Box quantity
bag sash lift S-ES 9	284186	Titan Silver	without	100 pcs
bag sash lift S-ES 13	284193	Titan Silver	without	100 pcs

Technical information

Part number	Description	
700655	sash part MV conc. with groove ..	2
700662	sash part MV conc. no groove ..	2
FFMV0020-...	sash part MV conc.no grve 13mm ..	2
TFMV0020-...	sash part MV conc. with groove ..	2

- Retrofittable
- Compression adjustment with hexagon wrench SW4
- Suitable frame part is profile-related, refer to PDB line item ZRZM01



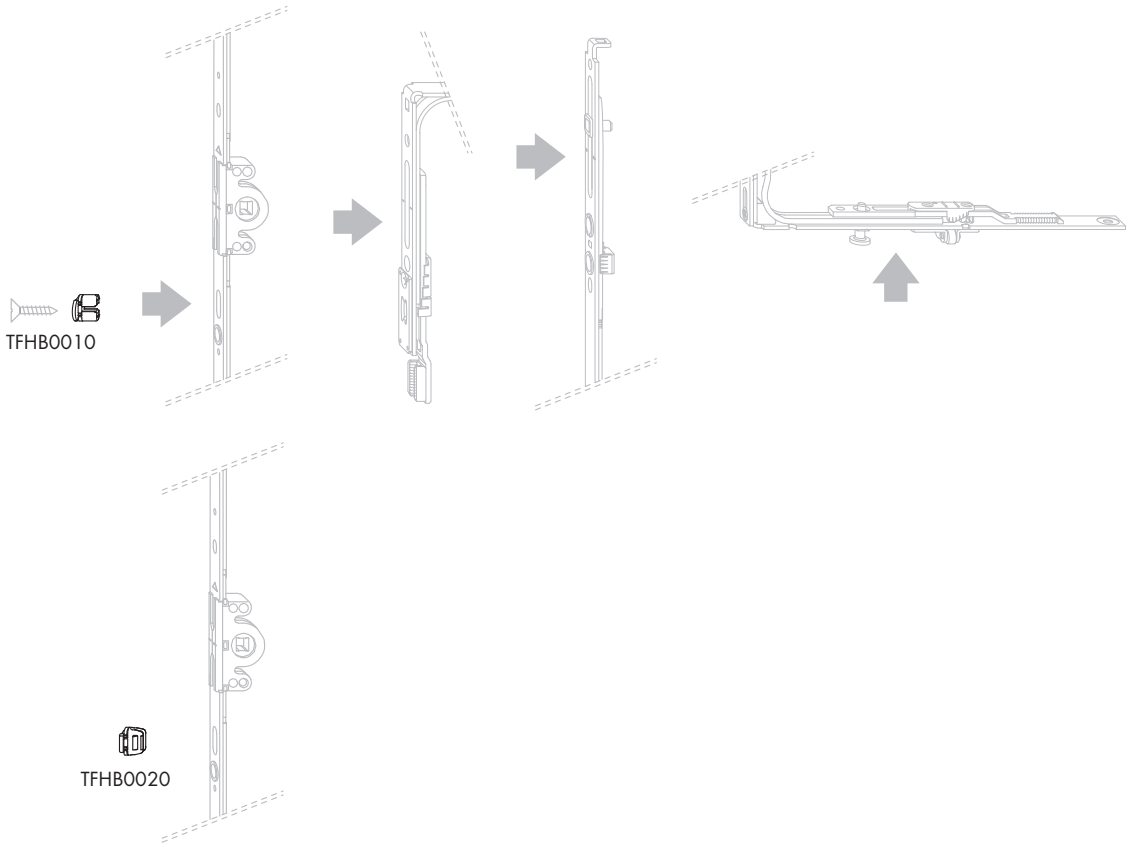
Sales information

Description	Part number	Surface	Colour	Box quantity
sash part MV conc. with groove ..	700655	Titan Silver	without	1 pc
	275979	Titan Silver	without	100 pcs
sash part MV conc. no groove ..	700662	Titan Silver	without	1 pc
	275986	Titan Silver	without	100 pcs
sash part MV conc.no grve 13mm ..	FFMV0020-10001_	Titan Silver	without	1 pc
	FFMV0020-10006_	Titan Silver	without	100 pcs
sash part MV conc. with groove ..	TFMV0020-10001_	Titan Silver	without	1 pc
	TFMV0020-10006_	Titan Silver	without	100 pcs

Technical information

Part number	Description	
TFHB0010-...	travel restrictor	1
TFHB0020-...	travel restrictor clampable	0

- The gear travel will be restricted to half way (90°)



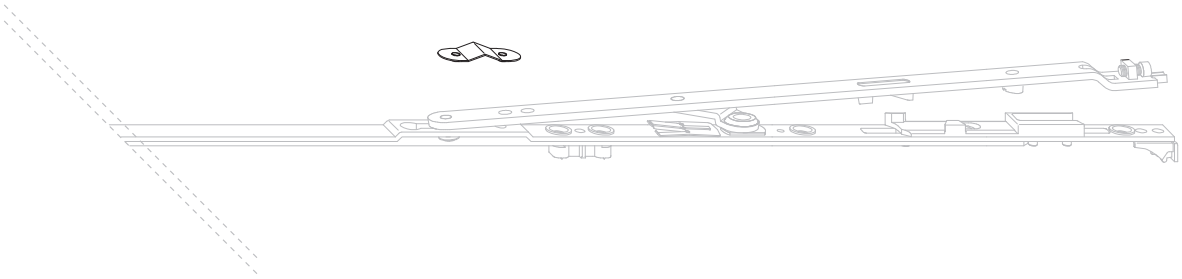
Sales information

Description	Part number	Surface	Colour	Box quantity
travel restrictor	TFHB0010-09901_	neutral	black/undefined	1 pc
	TFHB0010-09906_	neutral	black/undefined	100 pcs
travel restrictor clampable	TFHB0020-09901_	neutral	black/undefined	1 pc
	TFHB0020-09906_	neutral	black/undefined	100 pcs

Technical information

Part number	Description
805701	tilt restrictor ..

- Restricts the scissor stay’s projecting depth



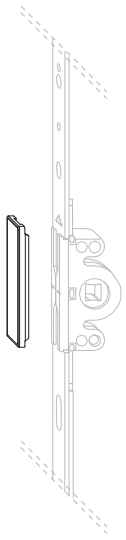
Sales information

Description	Part number	Surface	Colour	Box quantity
tilt restrictor ..	805701	Titan Silver	without	1 pc
	204498	Titan Silver	without	500 pcs

Technical information

Part number	Description
ZASS0010-...	logo clip ..

- For punch out on gear 15
- Only applicable without mishandling device TFBS001
- Customer-related logo on request



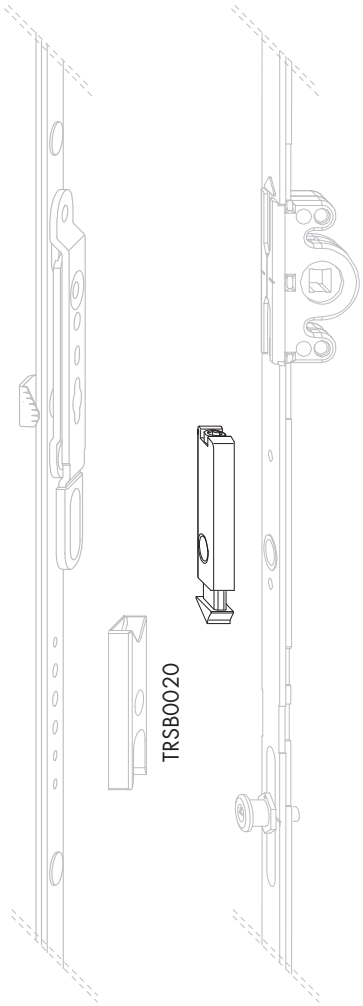
Sales information

Description	Part number	Surface	Colour	Box quantity
logo clip ..	ZASS0010-00201_	neutral	RAL9003	1 pc
	ZASS0010-00208_	neutral	RAL9003	500 pcs

Technical information

Part number	Description	
TFST0021-...	snapper rh.	1
TFST0022-...	snapper lh.	1

- Application range FFH 1601-3000 mm
  Fixed handle height gear from Gr.180
  Centre fixed gear/variable from Gr.160
- TRSB0020 applicable on gears for secondary sashes 16 FAV



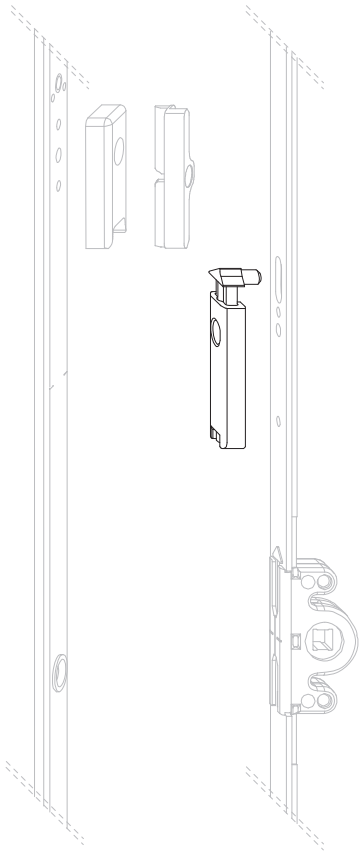
Sales information

Description	Part number	Surface	Colour	Box quantity
snapper rh.	TFST0021-10001_	Titan Silver	without	1 pc
	TFST0021-10005_	Titan Silver	without	50 pcs
snapper lh.	TFST0022-10001_	Titan Silver	without	1 pc
	TFST0022-10005_	Titan Silver	without	50 pcs

Technical information

Part number	Description	
TFST0011-...	snapper switchable rh.	1
TFST0012-...	snapper switchable lh.	1

- Application range FFH 1601-3000 mm
  Fixed handle height gear from Gr.180
  Centre fixed gear/variable from Gr.160



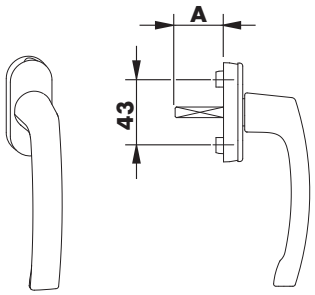
Sales information

Description	Part number	Surface	Colour	Box quantity
snapper switchable rh.	TFST0011-10001_	Titan Silver	without	1 pc
	TFST0011-10005_	Titan Silver	without	50 pcs
snapper switchable lh.	TFST0012-10001_	Titan Silver	without	1 pc
	TFST0012-10005_	Titan Silver	without	50 pcs

Technical information

Part number	Description	spindle length	Dimensions (mm) A
ZHGS0010-...	handle GLOBE 31	31	31
ZHGS0020-...	handle GLOBE 35	35	35
ZHGS1000-...	handle GLOBE 40	40	40

- Lug diameter 10 mm
- Dimension A = spindle length
- Lug diameter 12 mm and alternative spindle lengths available upon request



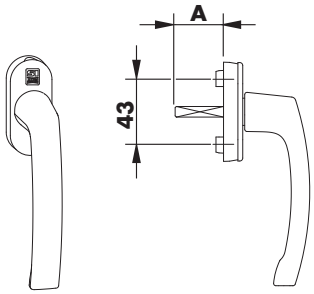
Sales information

Description	Part number	Surface	Colour	Box quantity
handle GLOBE 31	ZHGS0010-00401_	neutral	RAL9016	1 pc
	ZHGS0010-00406_	neutral	RAL9016	100 pcs
	ZHGS0010-02401_	neutral	EV1/EV1	1 pc
	ZHGS0010-02406_	neutral	EV1/EV1	100 pcs
handle GLOBE 35	ZHGS0020-00401_	neutral	RAL9016	1 pc
	ZHGS0020-00406_	neutral	RAL9016	100 pcs
	ZHGS0020-01201_	neutral	RAL8022	1 pc
	ZHGS0020-01206_	neutral	RAL8022	100 pcs
	ZHGS0020-02401_	neutral	EV1/EV1	1 pc
	ZHGS0020-02406_	neutral	EV1/EV1	100 pcs
	ZHGS0020-0H401_	neutral	F9 titan m dark	1 pc
	ZHGS0020-0H406_	neutral	F9 titan m dark	100 pcs
	ZHGS0020-0I201_	neutral	F3 matt gold	1 pc
	ZHGS0020-0I206_	neutral	F3 matt gold	100 pcs
	ZHGS0020-0K601_	neutral	F4 bronze	1 pc
	ZHGS0020-0K606_	neutral	F4 bronze	100 pcs
handle GLOBE 40	ZHGS1000-00401_	neutral	RAL9016	1 pc
	ZHGS1000-00406_	neutral	RAL9016	100 pcs
	ZHGS1000-01201_	neutral	RAL8022	1 pc
	ZHGS1000-01206_	neutral	RAL8022	100 pcs
	ZHGS1000-02401_	neutral	EV1/EV1	1 pc
	ZHGS1000-02406_	neutral	EV1/EV1	100 pcs
	ZHGS1000-0H401_	neutral	F9 titan m dark	1 pc
	ZHGS1000-0H406_	neutral	F9 titan m dark	100 pcs
	ZHGS1000-0K601_	neutral	F4 bronze	1 pc
	ZHGS1000-0K606_	neutral	F4 bronze	100 pcs

Technical information

Part number	Description	spindle length	Dimensions (mm) A
ZHGS0040-...	handle GLOBE 35	35	35

- Lug diameter 10 mm
- Dimension A = spindle length
- With SIEGENIA logo on the cover plate
- Lug diameter 12 mm and alternative spindle lengths available upon request



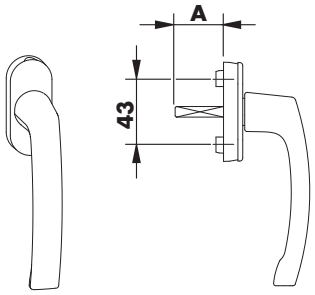
Sales information

Description	Part number	Surface	Colour	Box quantity
handle GLOBE 35	ZHGS0040-02401_	neutral	EV1/EV1	1 pc
	ZHGS0040-02406_	neutral	EV1/EV1	100 pcs

Technical information

Part number	Description	spindle length	Dimensions (mm) A
ZHGS0100-...	handle GLOBE SEC 25	25	-
ZHGS0050-...	handle GLOBE SEC 31	31	31
ZHGS0060-...	handle GLOBE SEC 35	35	35
ZHGS0110-...	handle GLOBE SEC 40	40	-

- Makes it difficult to twist the square spindle and thereby to move the window drive from the outside
- Lug diameter 10 mm
- Dimension A = spindle length
- Lug diameter 12 mm and alternative spindle lengths available upon request



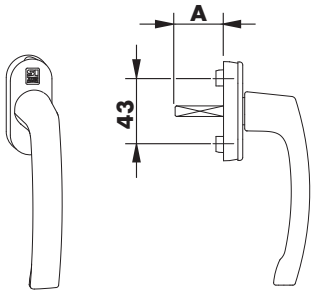
Sales information

Description	Part number	Surface	Colour	Box quantity
handle GLOBE SEC 25	ZHGS0100-00401_	neutral	RAL9016	1 pc
	ZHGS0100-00406_	neutral	RAL9016	100 pcs
	ZHGS0100-01201_	neutral	RAL8022	1 pc
	ZHGS0100-01206_	neutral	RAL8022	100 pcs
	ZHGS0100-0H401_	neutral	F9 titan m dark	1 pc
	ZHGS0100-0H406_	neutral	F9 titan m dark	100 pcs
	ZHGS0100-0K601_	neutral	F4 bronze	1 pc
	ZHGS0100-0K606_	neutral	F4 bronze	100 pcs
handle GLOBE SEC 31	ZHGS0050-00401_	neutral	RAL9016	1 pc
	ZHGS0050-00406_	neutral	RAL9016	100 pcs
	ZHGS0050-02401_	neutral	EV1/EV1	1 pc
	ZHGS0050-02406_	neutral	EV1/EV1	100 pcs
	ZHGS0050-0H401_	neutral	F9 titan m dark	1 pc
	ZHGS0050-0H406_	neutral	F9 titan m dark	100 pcs
handle GLOBE SEC 35	ZHGS0060-00401_	neutral	RAL9016	1 pc
	ZHGS0060-00406_	neutral	RAL9016	100 pcs
	ZHGS0060-01201_	neutral	RAL8022	1 pc
	ZHGS0060-01206_	neutral	RAL8022	100 pcs
	ZHGS0060-02401_	neutral	EV1/EV1	1 pc
	ZHGS0060-02406_	neutral	EV1/EV1	100 pcs
	ZHGS0060-0H401_	neutral	F9 titan m dark	1 pc
	ZHGS0060-0H406_	neutral	F9 titan m dark	100 pcs
	ZHGS0060-0I201_	neutral	F3 matt gold	1 pc
	ZHGS0060-0I206_	neutral	F3 matt gold	100 pcs
	ZHGS0060-0K601_	neutral	F4 bronze	1 pc
	ZHGS0060-0K606_	neutral	F4 bronze	100 pcs
handle GLOBE SEC 40	ZHGS0110-00401_	neutral	RAL9016	1 pc
	ZHGS0110-00406_	neutral	RAL9016	100 pcs
	ZHGS0110-01201_	neutral	RAL8022	1 pc
	ZHGS0110-01206_	neutral	RAL8022	100 pcs
	ZHGS0110-02401_	neutral	EV1/EV1	1 pc
	ZHGS0110-02406_	neutral	EV1/EV1	100 pcs
	ZHGS0110-0H401_	neutral	F9 titan m dark	1 pc
	ZHGS0110-0H406_	neutral	F9 titan m dark	100 pcs
	ZHGS0110-0K601_	neutral	F4 bronze	1 pc
	ZHGS0110-0K606_	neutral	F4 bronze	100 pcs

Technical information

Part number	Description	spindle length	Dimensions (mm) A
ZHGS0080-...	handle GLOBE SEC 35	35	35

- Makes it difficult to twist the square spindle and thereby to move the window drive from the outside
- Lug diameter 10 mm
- Dimension A = spindle length
- With SIEGENIA logo on the cover plate
- Lug diameter 12 mm and alternative spindle lengths available upon request



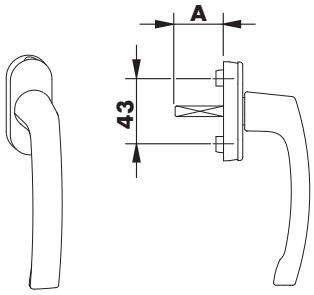
Sales information

Description	Part number	Surface	Colour	Box quantity
handle GLOBE SEC 35	ZHGS0080-00401_	neutral	RAL9016	1 pc
	ZHGS0080-00406_	neutral	RAL9016	100 pcs
	ZHGS0080-01201_	neutral	RAL8022	1 pc
	ZHGS0080-01206_	neutral	RAL8022	100 pcs
	ZHGS0080-02401_	neutral	EV1/EV1	1 pc
	ZHGS0080-02406_	neutral	EV1/EV1	100 pcs
	ZHGS0080-0H401_	neutral	F9 titan m dark	1 pc
	ZHGS0080-0H406_	neutral	F9 titan m dark	100 pcs
	ZHGS0080-0I201_	neutral	F3 matt gold	1 pc
	ZHGS0080-0I206_	neutral	F3 matt gold	100 pcs
	ZHGS0080-0K601_	neutral	F4 bronze	1 pc
	ZHGS0080-0K606_	neutral	F4 bronze	100 pcs

Technical information

Part number	Description	spindle length
ZHGS0090-...	handle GLOBE SEC 40	40

- Makes it difficult to twist the square spindle and thereby to move the window drive from the outside
- Lug diameter 12mm
- Dimension A = spindle length



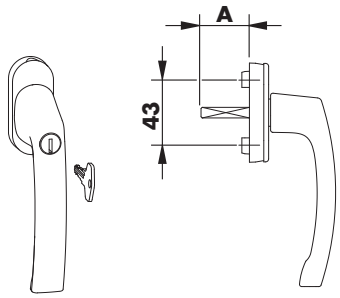
Sales information

Description	Part number	Surface	Colour	Box quantity
handle GLOBE SEC 40	ZHGS0090-00401_	neutral	RAL9016	1 pc
	ZHGS0090-00406_	neutral	RAL9016	100 pcs

Technical information

Part number	Description	spindle length	Dimensions (mm) A
ZHGA0010-...	handle GLOBE ABS40 31	31	31
ZHGA0020-...	handle GLOBE ABS40 35	35	35
ZHGA0070-...	handle GLOBE ABS40 40	40	-

- Lockable with push cylinder
- 40 Nm resistance against breaking and tearing
- Lug diameter 10 mm
- Dimension A = spindle length
- Lug diameter 12 mm and alternative spindle lengths available upon request



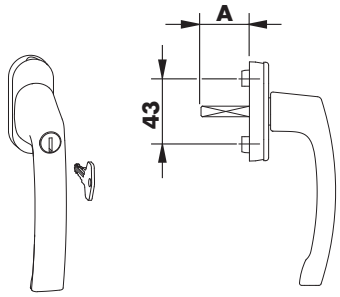
Sales information

Description	Part number	Surface	Colour	Box quantity
handle GLOBE ABS40 31	ZHGA0010-02401_	neutral	EV1/EV1	1 pc
	ZHGA0010-02402_	neutral	EV1/EV1	10 pcs
handle GLOBE ABS40 35	ZHGA0020-00401_	neutral	RAL9016	1 pc
	ZHGA0020-00402_	neutral	RAL9016	10 pcs
	ZHGA0020-01201_	neutral	RAL8022	1 pc
	ZHGA0020-01202_	neutral	RAL8022	10 pcs
	ZHGA0020-02401_	neutral	EV1/EV1	1 pc
	ZHGA0020-02402_	neutral	EV1/EV1	10 pcs
	ZHGA0020-0H401_	neutral	F9 titan m dark	1 pc
	ZHGA0020-0H402_	neutral	F9 titan m dark	10 pcs
	ZHGA0020-0K601_	neutral	F4 bronze	1 pc
	ZHGA0020-0K602_	neutral	F4 bronze	10 pcs
handle GLOBE ABS40 40	ZHGA0070-00401_	neutral	RAL9016	1 pc
	ZHGA0070-00402_	neutral	RAL9016	10 pcs
	ZHGA0070-0H401_	neutral	F9 titan m dark	1 pc
	ZHGA0070-0H402_	neutral	F9 titan m dark	10 pcs
	ZHGA0070-0K601_	neutral	F4 bronze	1 pc
	ZHGA0070-0K602_	neutral	F4 bronze	10 pcs

Technical information

Part number	Description	spindle length	Dimensions (mm) A
ZHGA0060-...	handle GLOBE ABS100 SEC 35	35	35
ZHGA0080-...	handle GLOBE ABS100 SEC 40	40	40

- Lockable with push cylinder
- 100 Nm resistance against breaking and tearing according to DIN EN 1627
- Makes it difficult to twist the square spindle and thereby to move the window drive from the outside
- Lug diameter 10 mm
- Dimension A = spindle length
- Lug diameter 12 mm and alternative spindle lengths available upon request



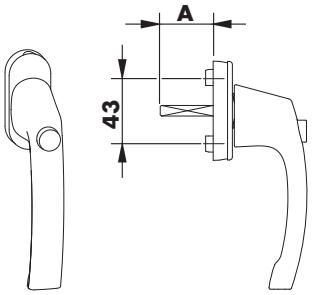
Sales information

Description	Part number	Surface	Colour	Box quantity
handle GLOBE ABS100 SEC 35	ZHGA0060-00401_	neutral	RAL9016	1 pc
	ZHGA0060-00402_	neutral	RAL9016	10 pcs
	ZHGA0060-01201_	neutral	RAL8022	1 pc
	ZHGA0060-01202_	neutral	RAL8022	10 pcs
	ZHGA0060-02401_	neutral	EV1/EV1	1 pc
	ZHGA0060-02402_	neutral	EV1/EV1	10 pcs
	ZHGA0060-0H401_	neutral	F9 titan m dark	1 pc
	ZHGA0060-0H402_	neutral	F9 titan m dark	10 pcs
handle GLOBE ABS100 SEC 40	ZHGA0080-00402_	neutral	RAL9016	10 pcs
	ZHGA0080-01202_	neutral	RAL8022	10 pcs
	ZHGA0080-02401_	neutral	EV1/EV1	1 pc
	ZHGA0080-02402_	neutral	EV1/EV1	10 pcs
	ZHGA0080-0H402_	neutral	F9 titan m dark	10 pcs

Technical information

Part number	Description	spindle length	Dimensions (mm) A
ZHGD0020-...	handle GLOBE DKN 35	35	35
ZHGD0030-...	handle GLOBE DKN 40	40	-

- Push-to-open
- Makes it difficult to twist the square spindle and thereby to move the window drive from the outside
- Lug diameter 10 mm
- Dimension A = spindle length
- Lug diameter 12 mm and alternative spindle lengths available upon request



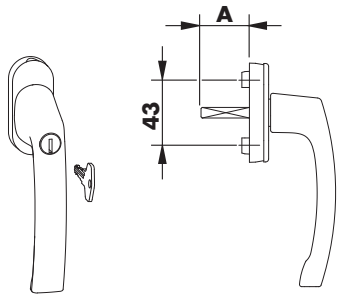
Sales information

Description	Part number	Surface	Colour	Box quantity
handle GLOBE DKN 35	ZHGD0020-00401_	neutral	RAL9016	1 pc
	ZHGD0020-00402_	neutral	RAL9016	10 pcs
	ZHGD0020-02401_	neutral	EV1/EV1	1 pc
	ZHGD0020-02402_	neutral	EV1/EV1	10 pcs
	ZHGD0020-0H402_	neutral	F9 titan m dark	10 pcs
handle GLOBE DKN 40	ZHGD0030-00401_	neutral	RAL9016	1 pc
	ZHGD0030-00402_	neutral	RAL9016	10 pcs
	ZHGD0030-01201_	neutral	RAL8022	1 pc
	ZHGD0030-01202_	neutral	RAL8022	10 pcs
	ZHGD0030-02401_	neutral	EV1/EV1	1 pc
	ZHGD0030-02402_	neutral	EV1/EV1	10 pcs
	ZHGD0030-0H401_	neutral	F9 titan m dark	1 pc
	ZHGD0030-0H402_	neutral	F9 titan m dark	10 pcs

Technical information

Part number	Description	spindle length	Dimensions (mm) A
ZHGT0010-...	handle GLOBE TBT40 31	31	31
ZHGT0020-...	handle GLOBE TBT40 35	35	35
ZHGT0030-...	handle GLOBE TBT40 40	40	-

- Lockable for TBT operation = TILT before TURN
- 40 Nm resistance against breaking and tearing
- Turn-mode to be unlocked separately = child safety lock
- Lug diameter 10 mm
- Dimension A = spindle length
- Lug diameter 12 mm and alternative spindle lengths available upon request



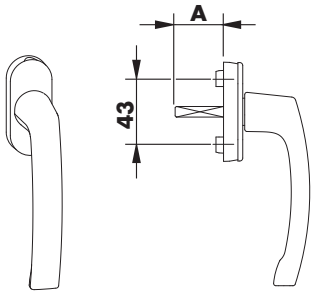
Sales information

Description	Part number	Surface	Colour	Box quantity
handle GLOBE TBT40 31	ZHGT0010-0H401_	neutral	F9 titan m dark	1 pc
	ZHGT0010-0H402_	neutral	F9 titan m dark	10 pcs
handle GLOBE TBT40 35	ZHGT0020-00401_	neutral	RAL9016	1 pc
	ZHGT0020-00402_	neutral	RAL9016	10 pcs
	ZHGT0020-02401_	neutral	EV1/EV1	1 pc
	ZHGT0020-02402_	neutral	EV1/EV1	10 pcs
	ZHGT0020-0H401_	neutral	F9 titan m dark	1 pc
	ZHGT0020-0H402_	neutral	F9 titan m dark	10 pcs
handle GLOBE TBT40 40	ZHGT0030-00401_	neutral	RAL9016	1 pc
	ZHGT0030-00402_	neutral	RAL9016	10 pcs
	ZHGT0030-01201_	neutral	RAL8022	1 pc
	ZHGT0030-01202_	neutral	RAL8022	10 pcs

Technical information

Part number	Description	spindle length	Dimensions (mm) A
ZHGL0020-...	handle GLOBE SP 35	35	35

- 45° click-in position for night vent
- Lug diameter 10 mm
- Dimension A = spindle length
- Lug diameter 12 mm and alternative spindle lengths available upon request



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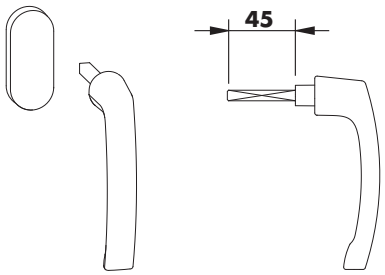
Sales information

Description	Part number	Surface	Colour	Box quantity
handle GLOBE SP 35	ZHGL0020-02401_	neutral	EV1/EV1	1 pc
	ZHGL0020-02406_	neutral	EV1/EV1	100 pcs

Technical information

Part number	Description	spindle length	Dimensions (mm) A
ZHGN0010-...	handle globe detatachable 45	45	45
ZHGR0030-...	rose GLOBE ..	-	-

- Lug diameter 10 mm
- Lug diameter 12 mm available upon request



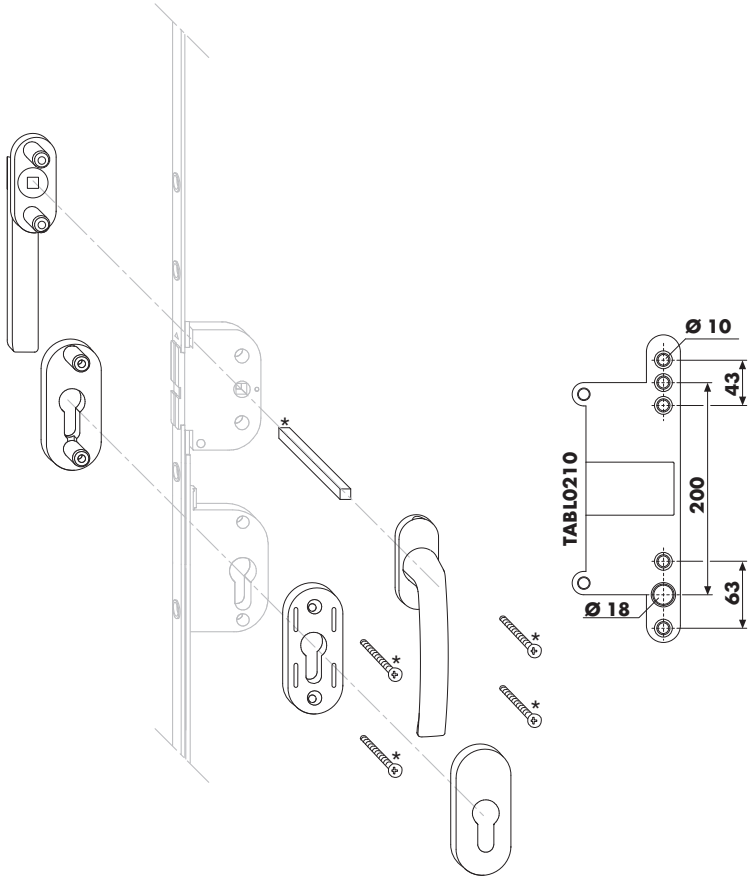
Sales information

Description	Part number	Surface	Colour	Box quantity
handle globe detatachable 45	ZHGN0010-00401_	neutral	RAL9016	1 pc
	ZHGN0010-00402_	neutral	RAL9016	10 pcs
rose GLOBE ..	ZHGR0030-00401_	neutral	RAL9016	1 pc
	ZHGR0030-00402_	neutral	RAL9016	10 pcs
	ZHGR0030-0H401_	neutral	F9 titan m dark	1 pc
	ZHGR0030-0H402_	neutral	F9 titan m dark	10 pcs

Technical information

Part number	Description
ZMZP0030-...	accessories TL/PZ PD 55-64mm
ZMZP0020-...	accessories TL/PZ PD 65-74mm
ZMZP0010-...	accessories TL/PZ PD 75-84mm
ZMZP0040-...	accessories TL/PZ PD 85-94mm
ZMGP0010-...	handle GLOBE TL/PZ

- Lug diameter 10 mm
- Suitable for standard profile cylinders
- * Contents of bag accessories TL/PZ



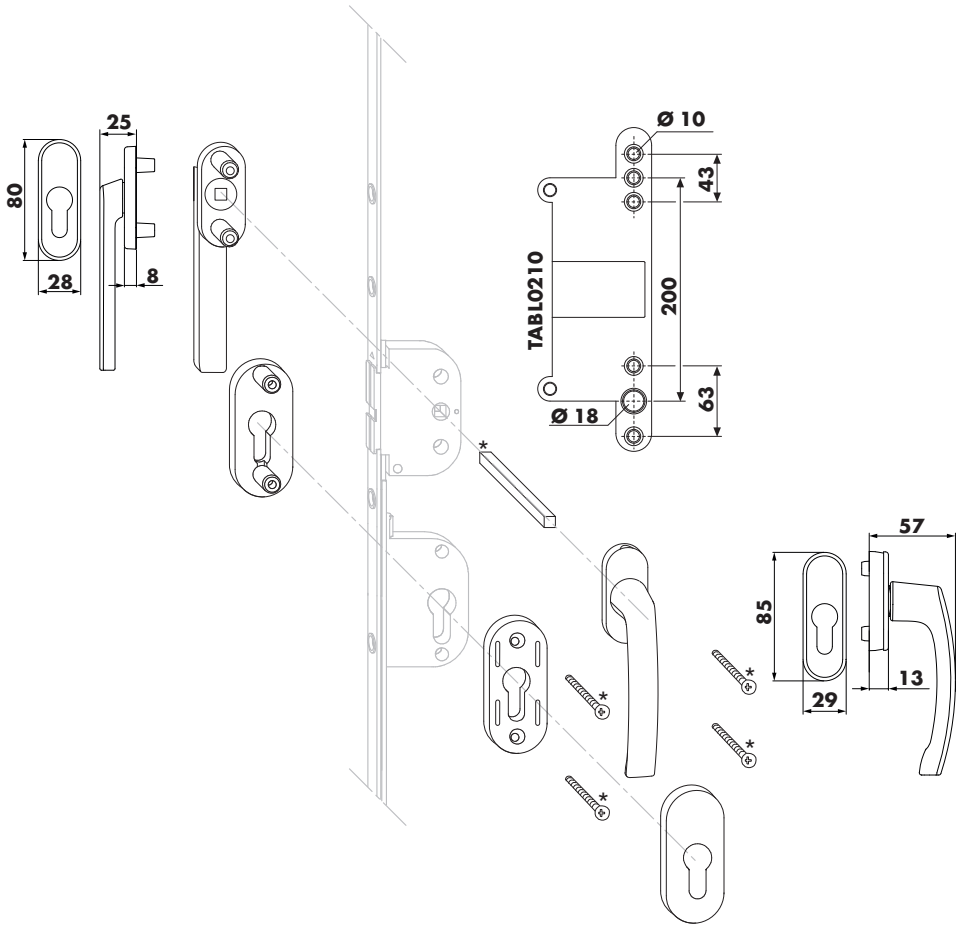
Sales information

Description	Part number	Surface	Colour	Box quantity
accessories TL/PZ PD 55-64mm	ZMZP0030-10001_	Titan Silver	without	1 pc
accessories TL/PZ PD 65-74mm	ZMZP0020-10001_	Titan Silver	without	1 pc
accessories TL/PZ PD 75-84mm	ZMZP0010-10001_	Titan Silver	without	1 pc
accessories TL/PZ PD 85-94mm	ZMZP0040-10001_	Titan Silver	without	1 pc
handle GLOBE TL/PZ	ZMGP0010-00401_	neutral	RAL9016	1 pc
	ZMGP0010-00402_	neutral	RAL9016	10 pcs
	ZMGP0010-02402_	neutral	EV1/EV1	10 pcs
	ZMGP0010-02401_	neutral	EV1/EV1	10 pcs
	ZMGP0010-0H401_	neutral	F9 titan m dark	1 pc
	ZMGP0010-0H402_	neutral	F9 titan m dark	10 pcs
	ZMGP0010-0K602_	neutral	F4 bronze	10 pcs
	ZMGP0010-0K601_	neutral	F4 bronze	10 pcs

Technical information

Part number	Description
ZMZP0030-...	accessories TL/PZ PD 55-64mm
ZMZP0020-...	accessories TL/PZ PD 65-74mm
ZMZP0010-...	accessories TL/PZ PD 75-84mm
ZMZP0040-...	accessories TL/PZ PD 85-94mm
ZMGP0020-...	handle globe TL/PZ ext flat

- Lug diameter 10 mm
- Suitable for standard profile cylinders
- * Contents of bag accessories TL/PZ
- Total height of the handle outside = 25 mm



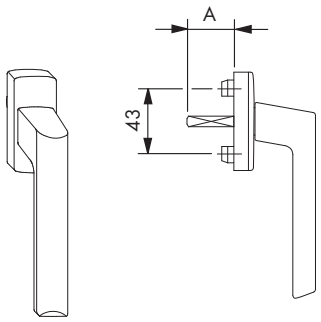
Sales information

Description	Part number	Surface	Colour	Box quantity
accessories TL/PZ PD 55-64mm	ZMZP0030-10001_	Titan Silver	without	1 pc
accessories TL/PZ PD 65-74mm	ZMZP0020-10001_	Titan Silver	without	1 pc
accessories TL/PZ PD 75-84mm	ZMZP0010-10001_	Titan Silver	without	1 pc
accessories TL/PZ PD 85-94mm	ZMZP0040-10001_	Titan Silver	without	1 pc
handle globe TL/PZ ext flat	ZMGP0020-00401_	neutral	RAL9016	1 pc
	ZMGP0020-00402_	neutral	RAL9016	10 pcs
	ZMGP0020-01202_	neutral	RAL8022	10 pcs
	ZMGP0020-02402_	neutral	EV1/EV1	10 pcs
	ZMGP0020-0H402_	neutral	F9 titan m dark	10 pcs
	ZMGP0020-0K602_	neutral	F4 bronze	10 pcs

Technical information

Part number	Description	spindle length	
872130	handle Si-line 26	26	2
844052	handle Si-line 31	31	2
853856	handle Si-line 35	35	2
868973	handle Si-line 40	40	2
ZHSS0030-...	handle Si-line 45	45	2

- Lug diameter 12mm
- Dimension A = spindle length



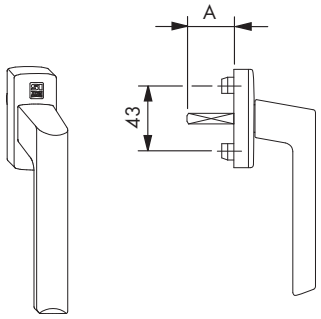
Sales information

Description	Part number	Surface	Colour	Box quantity
handle Si-line 26	872130	neutral	RAL9016	1 pc
	259078	neutral	RAL9016	10 pcs
	872123	neutral	EV1/EV1	1 pc
	259061	neutral	EV1/EV1	10 pcs
handle Si-line 31	844052	neutral	RAL9003	1 pc
	234990	neutral	RAL9003	100 pcs
	844069	neutral	RAL8019	1 pc
	235003	neutral	RAL8019	100 pcs
	864715	neutral	EV1/EV1	1 pc
	252314	neutral	EV1/EV1	100 pcs
	869024	neutral	EV2 champagne	1 pc
	ZHSS0010-02601_	neutral	EV2 champagne	1 pc
	ZHSS0010-02605_	neutral	EV2 champagne	50 pcs
	239070	neutral	EV2 champagne	100 pcs
	848647	neutral	titan m bright	1 pc
	238981	neutral	titan m bright	100 pcs
	848654	neutral	matt gold	1 pc
	238998	neutral	matt gold	100 pcs
handle Si-line 35	853856	neutral	RAL9003	1 pc
	243947	neutral	RAL9003	100 pcs
	853863	neutral	RAL8019	1 pc
	243954	neutral	RAL8019	100 pcs
	895986	neutral	RAL8022	1 pc
	307250	neutral	RAL8022	100 pcs
	869055	neutral	EV1/EV1	1 pc
	256473	neutral	EV1/EV1	100 pcs
	869352	neutral	EV2 champagne	1 pc
	256756	neutral	EV2 champagne	100 pcs
	869079	neutral	titan m bright	1 pc
	256497	neutral	titan m bright	100 pcs
	869086	neutral	matt gold	1 pc
	256503	neutral	matt gold	100 pcs
handle Si-line 40	868973	neutral	RAL9003	1 pc
	256374	neutral	RAL9003	100 pcs
	ZHSS3210-03401_	neutral	titan m bright	1 pc
	ZHSS3210-03406_	neutral	titan m bright	100 pcs
handle Si-line 45	ZHSS0030-00201_	neutral	RAL9003	1 pc
	ZHSS0030-00206_	neutral	RAL9003	100 pcs
	ZHSS0030-02401_	neutral	EV1/EV1	1 pc
	ZHSS0030-02406_	neutral	EV1/EV1	100 pcs

Technical information

Part number	Description	spindle length	
ZHSS3160-...	handle Si-line 31	31	2
893951	handle Si-line 35	35	2

- With SIEGENIA logo on the cover plate
- Lug diameter 12mm
- Dimension A = spindle length



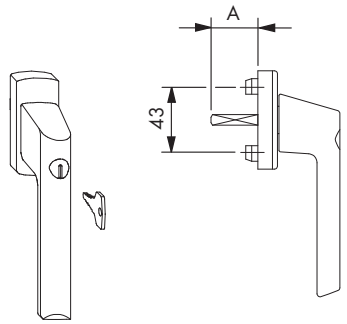
Sales information

Description	Part number	Surface	Colour	Box quantity
handle Si-line 31	ZHSS3160-00201_	neutral	RAL9003	1 pc
	ZHSS3160-00206_	neutral	RAL9003	100 pcs
handle Si-line 35	893951	neutral	RAL9003	1 pc
	303238	neutral	RAL9003	100 pcs
	893968	neutral	RAL8019	1 pc
	303245	neutral	RAL8019	100 pcs

Technical information

Part number	Description	spindle length	
852392	handle Si-line lockable 31	31	2
862575	handle Si-line lockable 35	35	2
ZHSA3020-...	handle Si-line lockable 40	40	-

- 100 Nm resistance against breaking and tearing according to DIN EN 1627
- Lug diameter 12mm
- Dimension A = spindle length



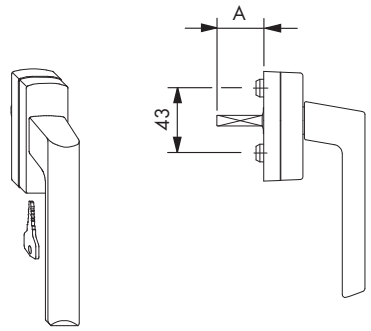
Sales information

Description	Part number	Surface	Colour	Box quantity
handle Si-line lockable 31	852392	neutral	RAL9003	1 pc
	242629	neutral	RAL9003	10 pcs
	852408	neutral	RAL8019	1 pc
	242636	neutral	RAL8019	10 pcs
	868249	neutral	EV1/EV1	1 pc
	255902	neutral	EV1/EV1	10 pcs
	861783	neutral	EV2 champagne	1 pc
	249734	neutral	EV2 champagne	10 pcs
	861776	neutral	titan m bright	1 pc
	249727	neutral	titan m bright	10 pcs
	861790	neutral	matt gold	1 pc
	249741	neutral	matt gold	10 pcs
handle Si-line lockable 35	862575	neutral	RAL9003	1 pc
	250471	neutral	RAL9003	10 pcs
	862582	neutral	RAL8019	1 pc
	250488	neutral	RAL8019	10 pcs
	880647	neutral	EV1/EV1	1 pc
	268360	neutral	EV1/EV1	10 pcs
	900567	neutral	titan m bright	1 pc
	316740	neutral	titan m bright	10 pcs
handle Si-line lockable 40	ZHSA3020-00202_	neutral	RAL9003	10 pcs
	ZHSA3020-03401_	neutral	titan m bright	1 pc
	ZHSA3020-03402_	neutral	titan m bright	10 pcs

Technical information

Part number	Description	spindle length	
873700	handle Si-line lockable/TBT 31	31	2
873724	handle Si-line lockable/TBT 35	35	2

- 100 Nm resistance against breaking and tearing according to DIN EN 1627
- Lockable for increased security
- Lockable for TBT operation = TILT before TURN
- Lug diameter 12mm
- Dimension A = spindle length



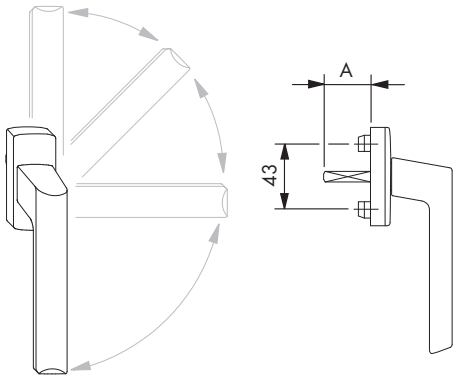
Sales information

Description	Part number	Surface	Colour	Box quantity
handle Si-line lockable/TBT 31	873700	neutral	RAL9003	1 pc
	260258	neutral	RAL9003	10 pcs
	880258	neutral	EV1/EV1	1 pc
	267776	neutral	EV1/EV1	10 pcs
	879153	neutral	titan m bright	1 pc
	266601	neutral	titan m bright	10 pcs
handle Si-line lockable/TBT 35	873724	neutral	RAL9003	1 pc
	260272	neutral	RAL9003	10 pcs
	260289	neutral	RAL8019	10 pcs
	880272	neutral	EV1/EV1	1 pc
	267790	neutral	EV1/EV1	10 pcs

Technical information

Part number	Description	spindle length	
871119	handle Si-line SP 35	35	2

- Additional click-in position at 45°
- For integrated night vent
- Lug diameter 12mm
- Dimension A = spindle length



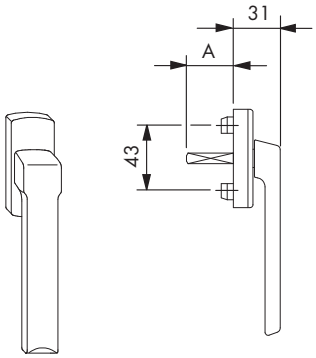
Sales information

Description	Part number	Surface	Colour	Box quantity
handle Si-line SP 35	871119	neutral	RAL9003	1 pc
	258279	neutral	RAL9003	100 pcs

Technical information

Part number	Description	spindle length	
892473	handle Si-line flat 35	35	2

- Lug diameter 12mm
- Dimension A = spindle length



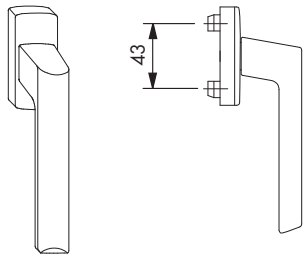
Sales information

Description	Part number	Surface	Colour	Box quantity
handle Si-line flat 35	892473	neutral	RAL9003	1 pc
	300510	neutral	RAL9003	10 pcs
	892428	neutral	EV1/EV1	1 pc
	300466	neutral	EV1/EV1	10 pcs

Technical information

Part number	Description	
853368	handle Si-line no spindle	2

- Suitable for use with Kardan
- Lug diameter 12mm



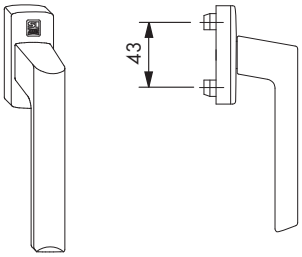
Sales information

Description	Part number	Surface	Colour	Box quantity
handle Si-line no spindle	853368	neutral	RAL9003	1 pc
	252345	neutral	RAL9003	100 pcs
	853375	neutral	RAL8019	1 pc
	869314	neutral	EV1/EV1	1 pc
	870518	neutral	titan m bright	1 pc
	870525	neutral	matt gold	1 pc

Technical information

Part number	Description
ZHSO3000-...	handle Si-line no spindle

- With SIEGENIA logo on the cover plate
- Suitable for use with Kardan
- Lug diameter 12mm



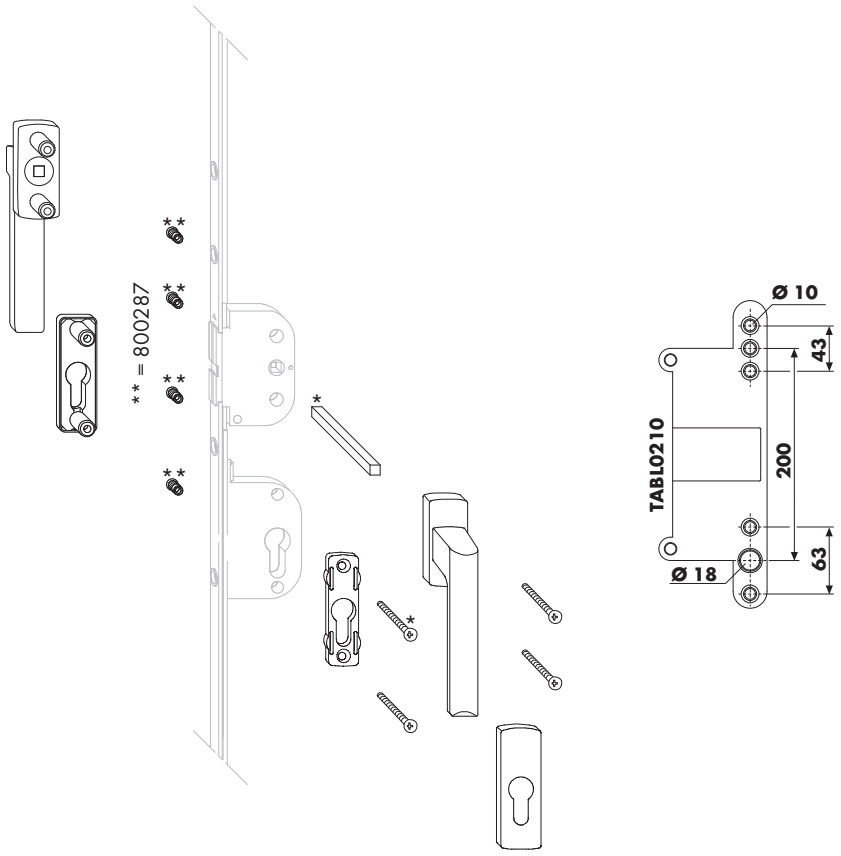
Sales information

Description	Part number	Surface	Colour	Box quantity
handle Si-line no spindle	ZHSO3000-00201_	neutral	RAL9003	1 pc
	ZHSO3000-00206_	neutral	RAL9003	100 pcs
	ZHSO3000-01101_	neutral	RAL8019	1 pc
	ZHSO3000-01106_	neutral	RAL8019	100 pcs

Technical information

Part number	Description	spindle length
ZMZP0030-...	accessories TL/PZ PD 55-64mm	-
ZMZP0020-...	accessories TL/PZ PD 65-74mm	-
ZMZP0010-...	accessories TL/PZ PD 75-84mm	-
ZMZP0040-...	accessories TL/PZ PD 85-94mm	-
871423	bag handle SI-LINE TL/PZ	0

- Lug diameter 12mm
- Suitable for standard profile cylinders
- * Contents of bag accessories TL/PZ



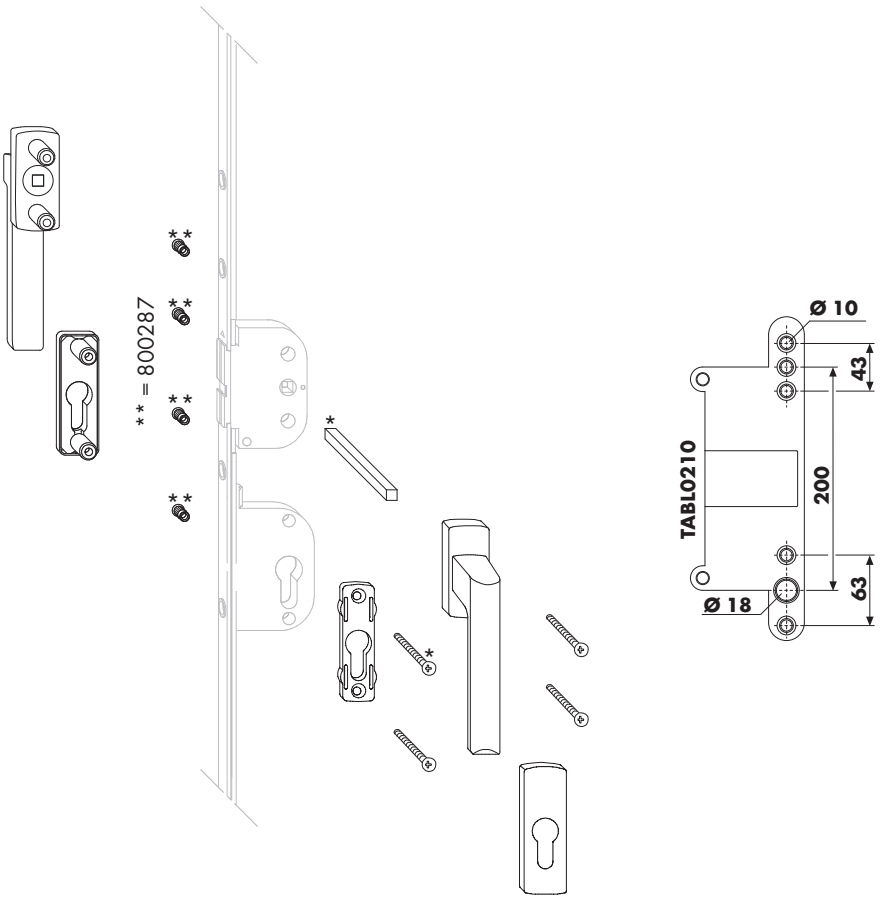
Sales information

Description	Part number	Surface	Colour	Box quantity
accessories TL/PZ PD 55-64mm	ZMZP0030-10001_	Titan Silver	without	1 pc
accessories TL/PZ PD 65-74mm	ZMZP0020-10001_	Titan Silver	without	1 pc
accessories TL/PZ PD 75-84mm	ZMZP0010-10001_	Titan Silver	without	1 pc
accessories TL/PZ PD 85-94mm	ZMZP0040-10001_	Titan Silver	without	1 pc
bag handle SI-LINE TL/PZ	871423	neutral	RAL9003	1 pc
	258538	neutral	RAL9003	10 pcs
	871430	neutral	RAL8019	1 pc
	258545	neutral	RAL8019	10 pcs
	871379	neutral	Si-silver	1 pc
	258484	neutral	Si-silver	10 pcs
	871393	neutral	titan m bright	1 pc
	258507	neutral	titan m bright	10 pcs

Technical information

Part number	Description	spindle length
ZMZP0030-...	accessories TL/PZ PD 55-64mm	-
ZMZP0020-...	accessories TL/PZ PD 65-74mm	-
ZMZP0010-...	accessories TL/PZ PD 75-84mm	-
ZMZP0040-...	accessories TL/PZ PD 85-94mm	-
870488	bag handle SI-LINE TL/PZ flat	0

- Lug diameter 12mm
- Suitable for standard profile cylinders
- * Contents of bag accessories TL/PZ



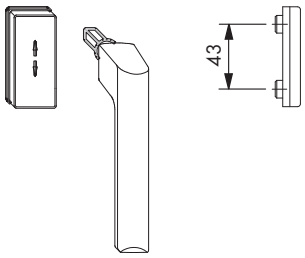
Sales information

Description	Part number	Surface	Colour	Box quantity
accessories TL/PZ PD 55-64mm	ZMZP0030-10001_	Titan Silver	without	1 pc
accessories TL/PZ PD 65-74mm	ZMZP0020-10001_	Titan Silver	without	1 pc
accessories TL/PZ PD 75-84mm	ZMZP0010-10001_	Titan Silver	without	1 pc
accessories TL/PZ PD 85-94mm	ZMZP0040-10001_	Titan Silver	without	1 pc
bag handle SI-LINE TL/PZ flat	870488	neutral	RAL9003	1 pc
	257944	neutral	RAL9003	10 pcs
	870495	neutral	RAL8019	1 pc
	257951	neutral	RAL8019	10 pcs
	870433	neutral	EV1/EV1	1 pc
	257890	neutral	EV1/EV1	10 pcs
	870457	neutral	titan m bright	1 pc
	257913	neutral	titan m bright	10 pcs
	870471	neutral	matt gold	1 pc
	257937	neutral	matt gold	10 pcs

Technical information

Part number	Description	spindle length	
862605	rose SI-LINE ..	-	-
ZHAN0010-...	handle Si-line detachable 45	45	0

- Combinable with removable handles
- Lug diameter 12mm



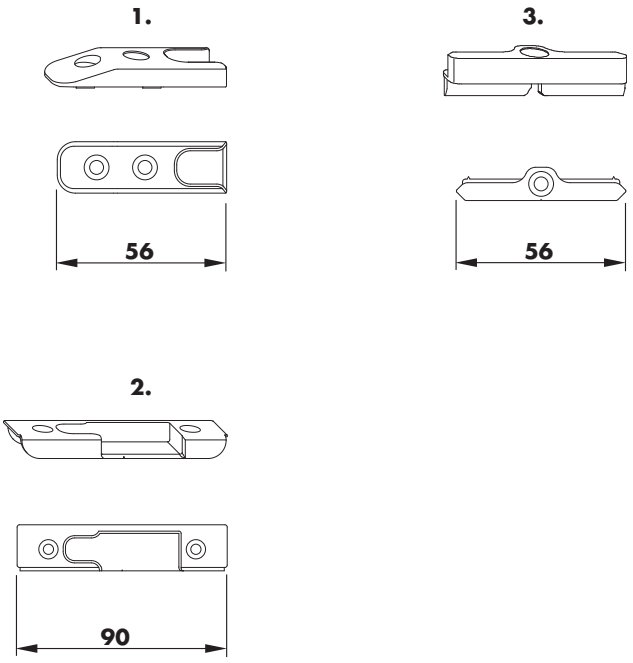
Sales information

Description	Part number	Surface	Colour	Box quantity
rose SI-LINE ..	862605	neutral	RAL9003	1 pc
	250495	neutral	RAL9003	10 pcs
	869833	neutral	RAL8019	1 pc
	257418	neutral	RAL8019	10 pcs
	869826	neutral	EV1/EV1	1 pc
	257401	neutral	EV1/EV1	10 pcs
	ZHSR0010-52301_	alu	RAL9005	1 pc
	ZHSR0010-52302_	alu	RAL9005	10 pcs
handle Si-line detachable 45	ZHAN0010-00201_	neutral	RAL9003	1 pc
	ZHAN0010-00204_	neutral	RAL9003	25 pcs
	ZHAN0010-02401_	neutral	EV1/EV1	1 pc
	ZHAN0010-02404_	neutral	EV1/EV1	25 pcs

Description	Material	Page
striker plate 56	-	14 - 2
striker plate S 56	-	14 - 3
striker plate S 56 H	-	14 - 4
striker plate S(L)-RS	-	14 - 5
striker plate S(L)-RS WK2 BSO	-	14 - 6
tilt lock bearing 56 S(L)-RS	-	14 - 7
tilt lock bearing S-ES/SL-S FH	-	14 - 8
tilt lock bearing S-ES FH TBT	-	14 - 9
striker snapper	-	14 - 10
striker plate A0767	TRSA0010	14 - 11
striker plate BS 15°	708873, 718438, 713389	14 - 12
frame parts vent secure	-	14 - 13
frame part SP-S	-	14 - 15
shoot bolt	-	14 - 16
shoot bolt	-	14 - 17
shoot bolt A2000	716236, 701195, 701126	14 - 18
shoot bolt	TFKR0040, TFKR0050	14 - 19
shoot bolt	TFKR0060	14 - 20
shoot bolt VSO	TFKR0080	14 - 22
shoot bolt RSA 11	TFKR0070	14 - 23
snapper	-	14 - 24

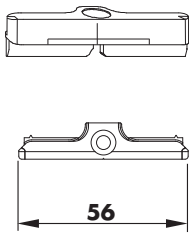
Technical information

- Striker plate 56 profile-related, refer to PDB line item FRSB
- 1. Version for timber 12 mm systems
  2. Version for timber 4 mm systems
  3. Version for KF profile systems
- Made of a diecast material
- The depicted version are examples and may vary depending on the profile system.



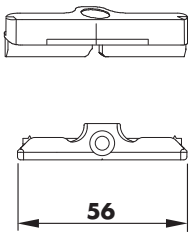
Technical information

- Striker plate S 56 profile-related, refer to PDB line item TRSM
- PVC-steel variant
- The depicted version are examples and may vary depending on the profile system.



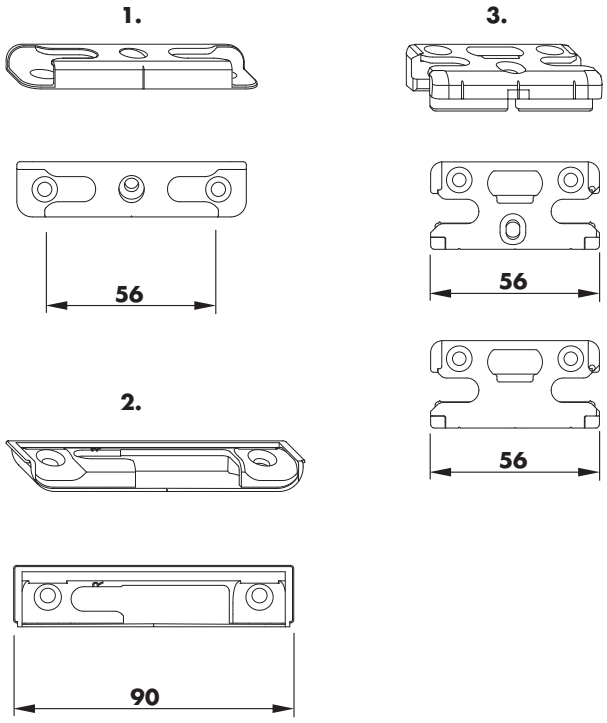
Technical information

- Striker plate S 56 H profile-related, refer to PDB line item TRSN
- Rear-cut PVC-steel-variant only to be used in conjuction with RS and S-ES cam
- The depicted version are examples and may vary depending on the profile system.



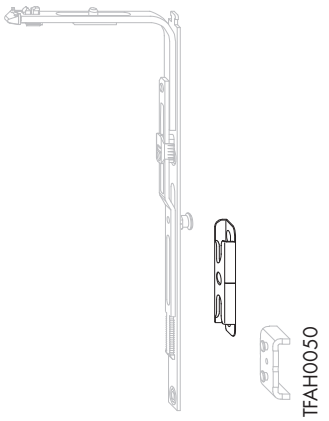
Technical information

- Striker plate S(L)-RS profile-related, refer to PDB line item TRSK
- SL components are made of a special alloy diecast
- 1. Version for timber 12 mm systems
  2. Version for timber 4 mm systems
  3. Version for KF profile systems
- The depicted version are examples and may vary depending on the profile system.



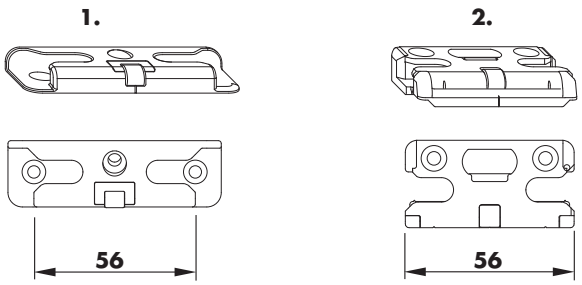
Technical information

- Striker plate SL-RS WK2 BSO profile-related, refer to PDB line item TRSK03
- The depicted version are examples and may vary depending on the profile system.



Technical information

- Tilt lock bearing 56 S(L)-RS profile-related, refer to PDB line item TRKF
- 1. Version for timber 12 mm systems
  2. Version for KF profile systems
- Suitable for systems with 13 mm groove axis
- SL components are made of a special alloy diecast
- The depicted version are examples and may vary depending on the profile system.
- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

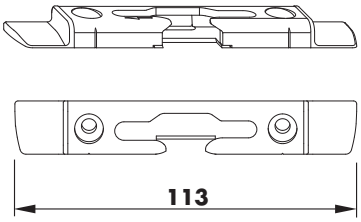


Technical information

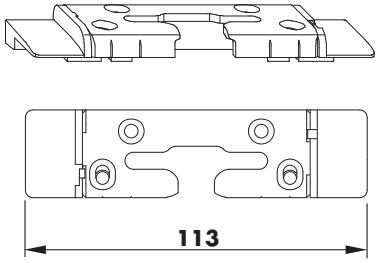
- Tilt lock bearing S-ES (SL-S) FH profile-related, refer to PDB line item FRKA (FRKJ)
- 1. Version for timber 12 mm systems
  2. Version for timber 4 mm systems
  3. Version for KF profile systems
- SL components are made of a special alloy diecast
- The depicted version are examples and may vary depending on the profile system.

- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”

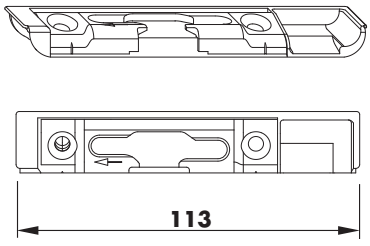
1.



3.

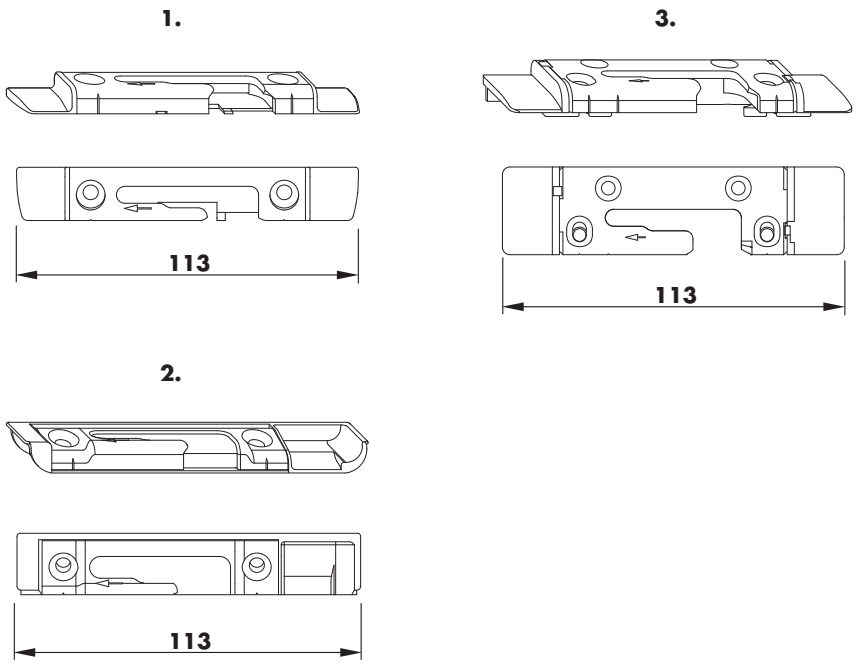


2.



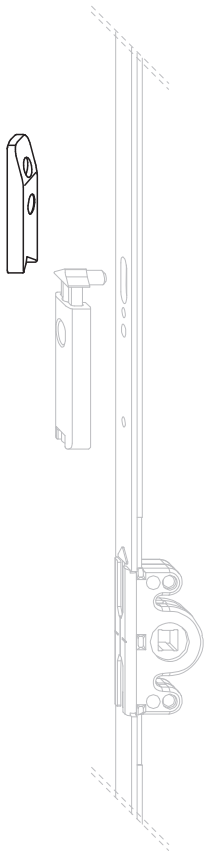
Technical information

- Tilt lock bearing S-ES FH TBT profile-related, refer to PDB line item FRKB
- 1. Version for timber 12 mm systems
  2. Version for timber 4 mm systems
  3. Version for KF profile systems
- The depicted version are examples and may vary depending on the profile system.
- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”



Technical information

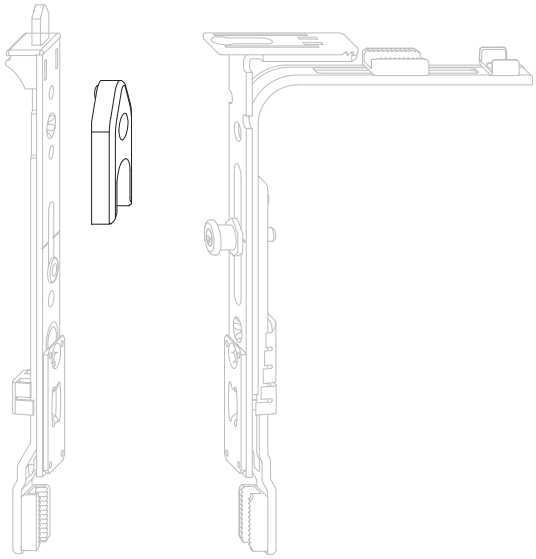
- Snapper striker profile-related, refer to PDB line item TRST
- The depicted version are examples and may vary depending on the profile system.



Technical information

Part number	Description	
TRSA0010-...	striker plate A0767	1

- For minimum window widths with a floating mullion



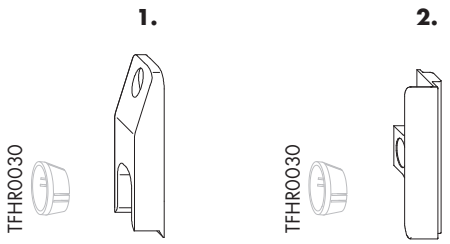
Sales information

Description	Part number	Surface	Colour	Box quantity
striker plate A0767	TRSA0010-10001_	Titan Silver	without	1 pc
	TRSA0010-10005_	Titan Silver	without	50 pcs

Technical information

Part number	Description	
708873	striker plate BS/15 degr. A0813	1
718438	striker plate BS/15 degr. A1361	2
713389	striker plate BS/15 degr. A2000	1

- 1. Version for timber 12 mm systems
  2. Version for KF profile systems
- Versions suitable for:
  A0380 = eurogroove 6/8x3
  A0807 = eurogroove 7/8x4
  A0813 = eurogroove 7/8x4
  A1361 = eurofold 18/8
  A0767/1 = opposing fitting groove with DSG gear
  A2000 = opposing fitting groove 12 mm cavity
- The depicted version are examples and may vary depending on the profile system.

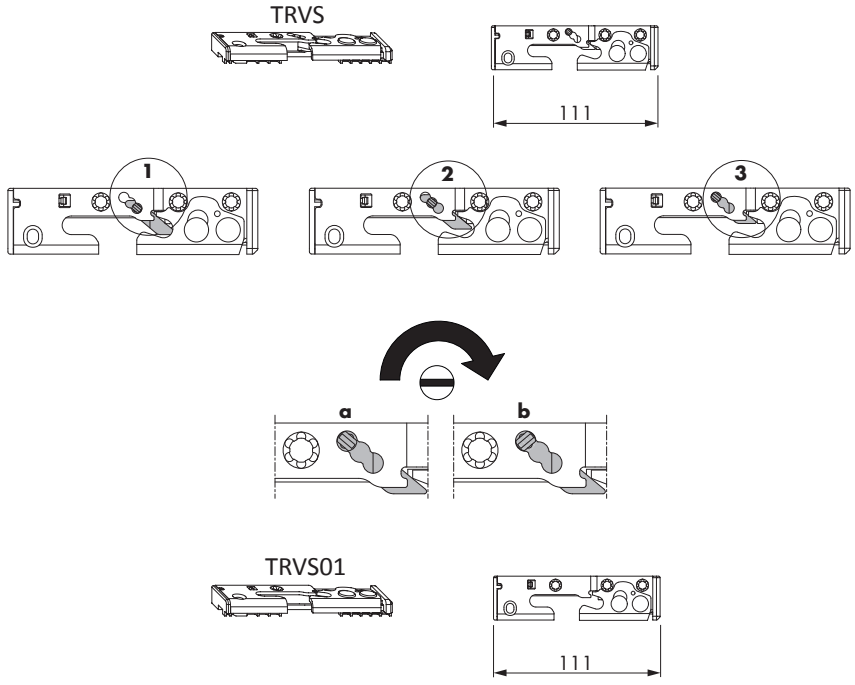


Sales information

Description	Part number	Surface	Colour	Box quantity
striker plate BS/15 degr. A0813	708873	Titan Silver	without	1 pc
	285404	Titan Silver	without	500 pcs
striker plate BS/15 degr. A1361	718438	Titan Silver	without	1 pc
striker plate BS/15 degr. A2000	713389	Titan Silver	without	1 pc
	295441	Titan Silver	without	500 pcs

Technical information

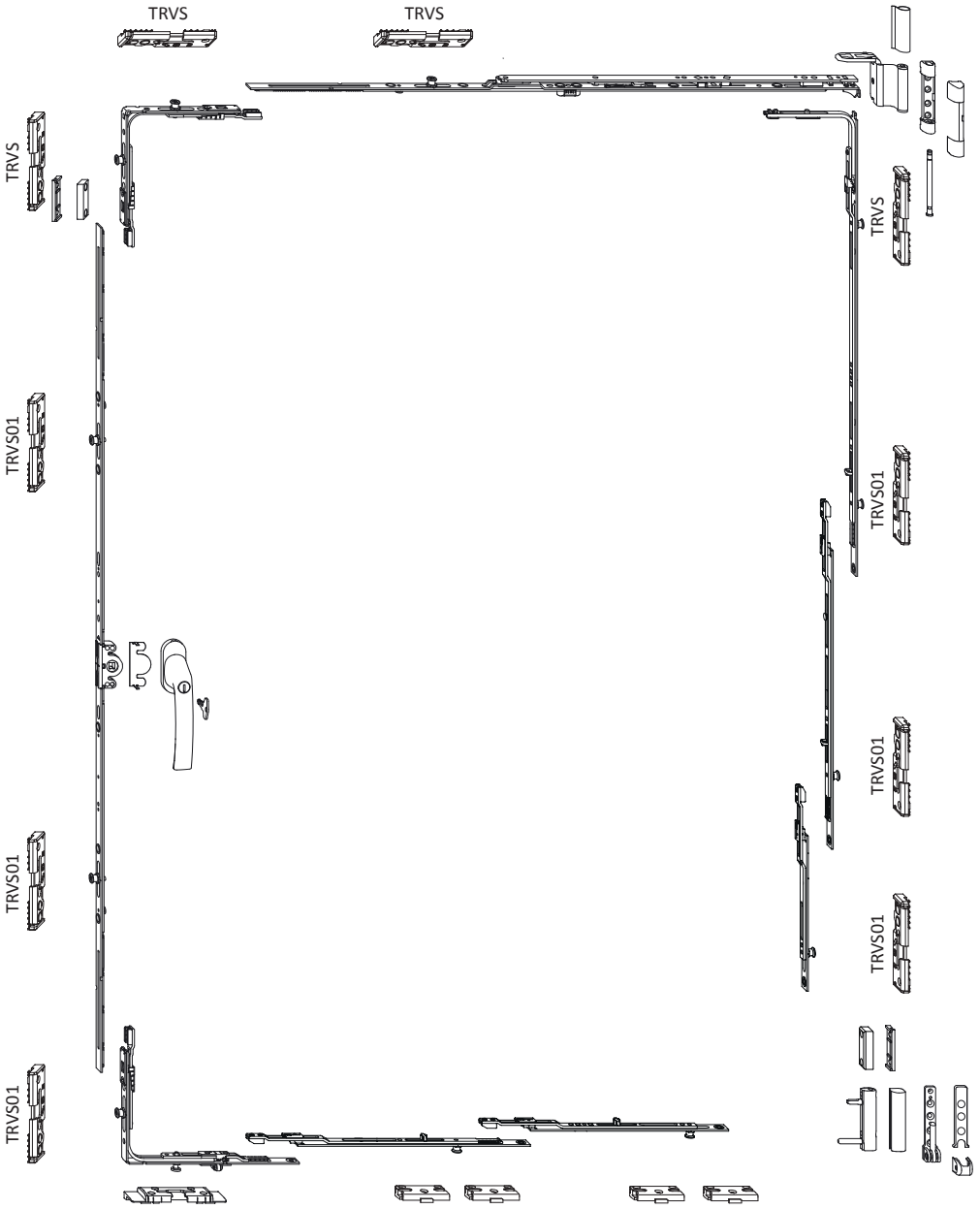
- profile-related striker plate S-RS/KS, see PDB TRVS
- profile-related striker plate S-RS/KS-VS/BS, see PDB TRVS01
- TITAN vent secure: secure night vent
- with an opening width of max. 10 mm at the top a continuous air exchange is ensured and the window is protected against intruders (up to RC2) and driving rain even in the ventilation position
- Adjustment options striker plate S-RS/KS:
  1 maximum opening width 10.0 mm
  2 medium opening width 7.5 mm
  3 minimum opening width 5.0 mm
  a slider position moveable
  b slider position fixed
- The depicted version are examples and may vary depending on the profile system.
- **Please observe:**
  Guidelines/notes on the product and on liability (VHBH directive as well as the other applicable documents listed - directive can be downloaded at www.beschlagindustrie.de/ggsb/richtlinien.asp)
  Specifications from the profile manufacturers/system owners (PVC, light metal) or DIN 68 121 “Wooden profiles for windows and portal doors”



Installation advice

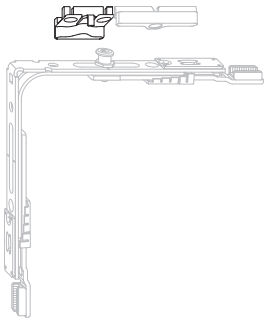
- the additional S-RS striker plates must be placed horizontally at the bottom, so that the sash is even locked in the tilt position and lies flush on the seal. This is necessary so that intruder resistance and protection against driving rain are achieved

the striker plates S-RS/KS and S-RS/KS-VS/BS are placed central to the cam
TRVS = striker plate S-RS/KS (with slider), slider position 1
TRVS01 = striker plate S-RS/KS-VS/BS (without slider)



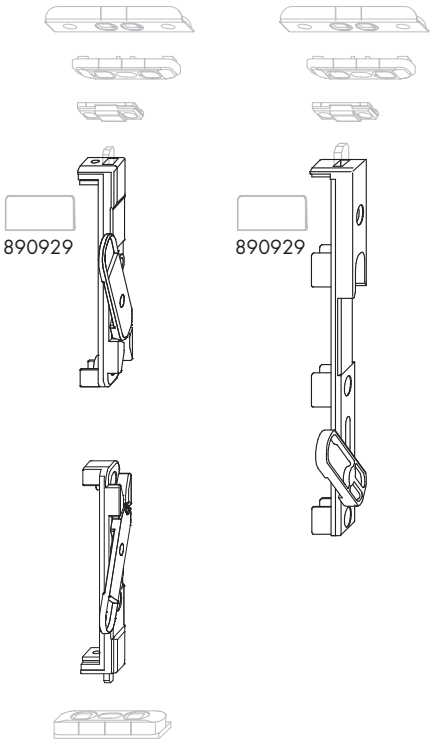
Technical information

- Frame part SP-S profile-related, refer to PDB line item FRZL01
- The depicted version are examples and may vary depending on the profile system.



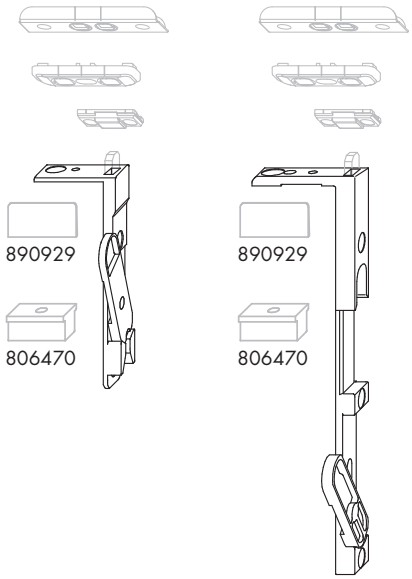
Technical information

- Shoot bolt profile-related, refer to PDB line item FFKR
- For suitable strikers refer to PDB line item FRZV01
- Automatic locking of the shoot bolt lever as the master sash is closed against it
- The depicted version are examples and may vary depending on the profile system.



Technical information

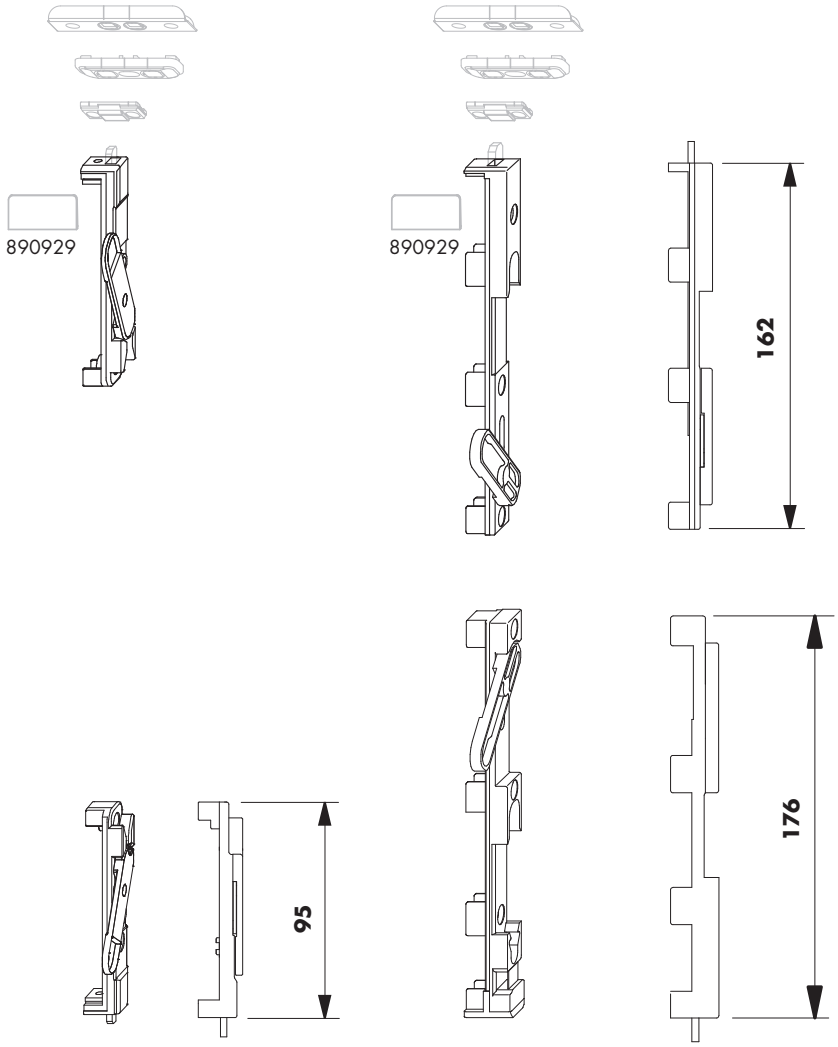
- Shoot bolt profile-related, refer to PDB line item FFKR
- For suitable strikers refer to PDB line item FRZV01
- Automatic locking of the shoot bolt lever as the master sash is closed against it
- The depicted version are examples and may vary depending on the profile system.



Technical information

Part number	Description	
716236	short shoot bolt A2000	2
701195	shoot bolt VSO A2000	3
701126	shoot bolt VSU A2000	3

- Use in slave sashes with opposing fitting groove
- Automatic locking of the protruded shootbolt by means of closing over the main sash
- Refer to the PDB for matching strikers
- 890929 Cover angle
- For basic security

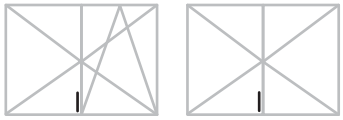


Sales information

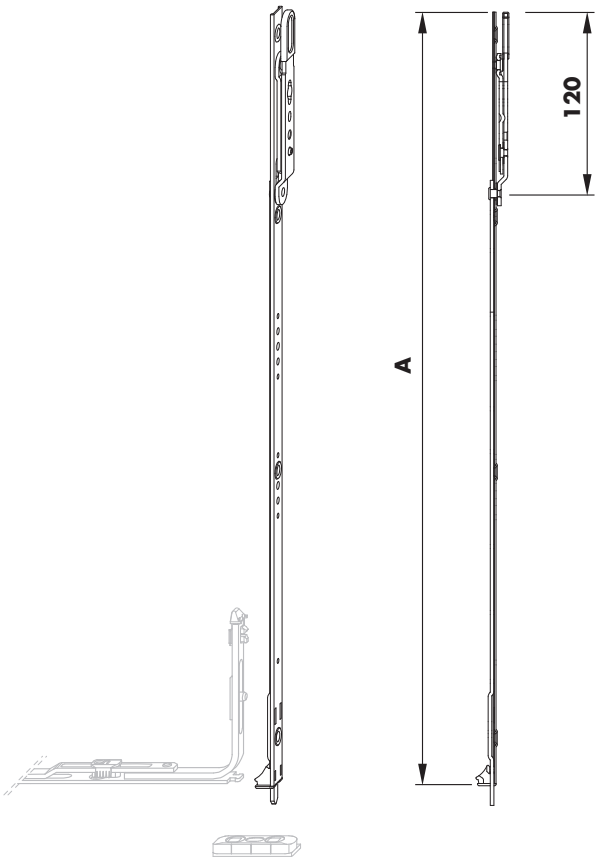
Description	Part number	Surface	Colour	Box quantity
short shoot bolt A2000	716236	Titan Silver	without	1 pc
	299623	Titan Silver	without	25 pcs
shoot bolt VSO A2000	701195	Titan Silver	without	1 pc
	276501	Titan Silver	without	25 pcs
shoot bolt VSU A2000	701126	Titan Silver	without	1 pc
	276433	Titan Silver	without	25 pcs

Technical information

Part number	Description	Dimensions (mm) A	
TFKR0040-...	shoot bolt sz 1 RSA 14	234	3
TFKR0050-...	shoot bolt sz 2 RSA 14	512	5



- Use in slave sashes with opposing fitting groove
- For suitable strikers refer to PDB line item FRZV01
- for RSA 14: if necessary, rework profiles in the rod throw section!
- For basic security
- Shootbolt sz 2 can be coupled

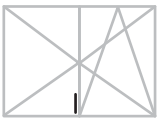


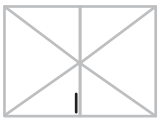
Sales information

Description	Part number	Surface	Colour	Box quantity
shoot bolt sz 1 RSA 14	TFKR0040-10001_	Titan Silver	without	1 pc
	TFKR0040-10004_	Titan Silver	without	25 pcs
shoot bolt sz 2 RSA 14	TFKR0050-10001_	Titan Silver	without	1 pc
	TFKR0050-10004_	Titan Silver	without	25 pcs

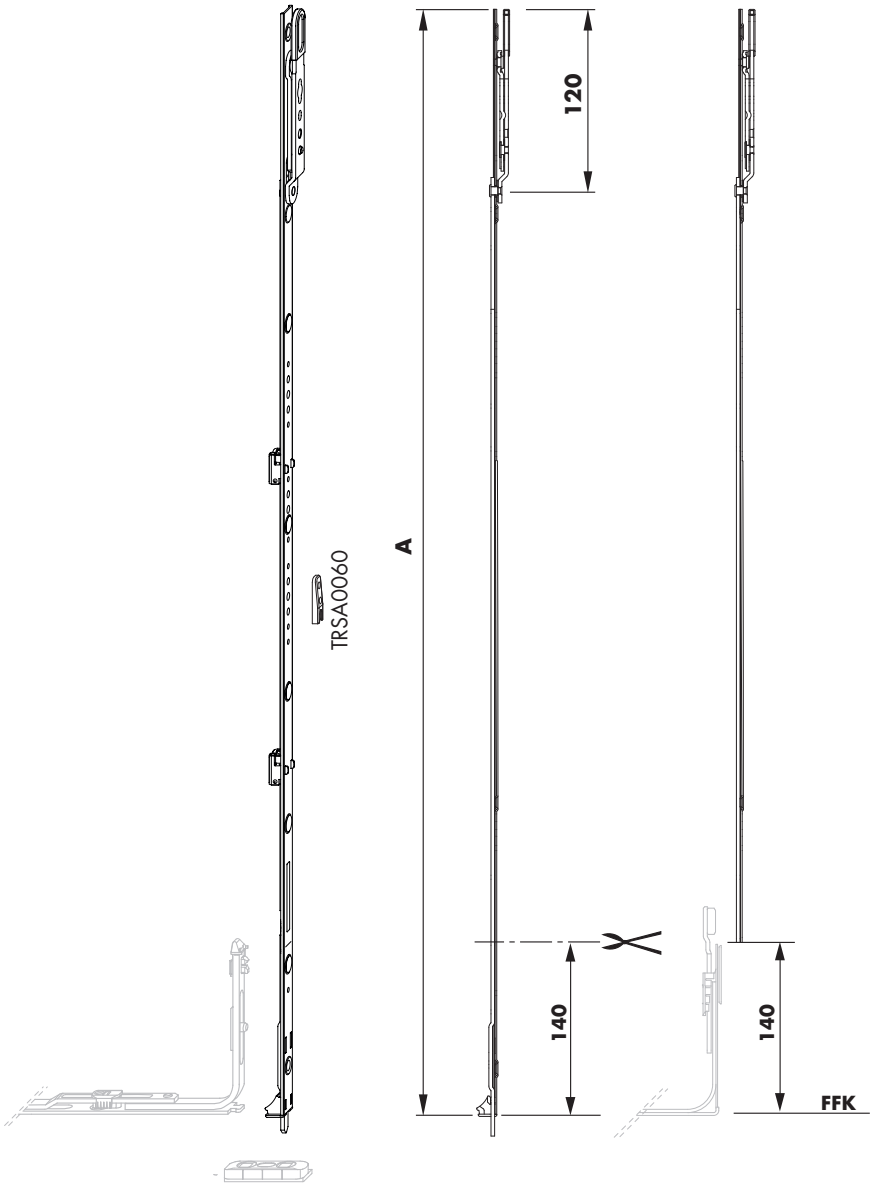
Technical information

Part number	Description	Dimensions (mm) A	
TFKR0060-...	shoot bolt sz 3 RSA 14	1247	8





- Use in slave sashes with opposing fitting groove
- For suitable strikers refer to PDB line item FRZV01
- for RSA 14: if necessary, rework profiles in the rod throw section!
- For basic security
- Component can be coupled

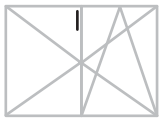


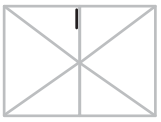
Sales information

Description	Part number	Surface	Colour	Box quantity
shoot bolt sz 3 RSA 14	TFKR0060-10001_	Titan Silver	without	1 pc
	TFKR0060-10004_	Titan Silver	without	25 pcs

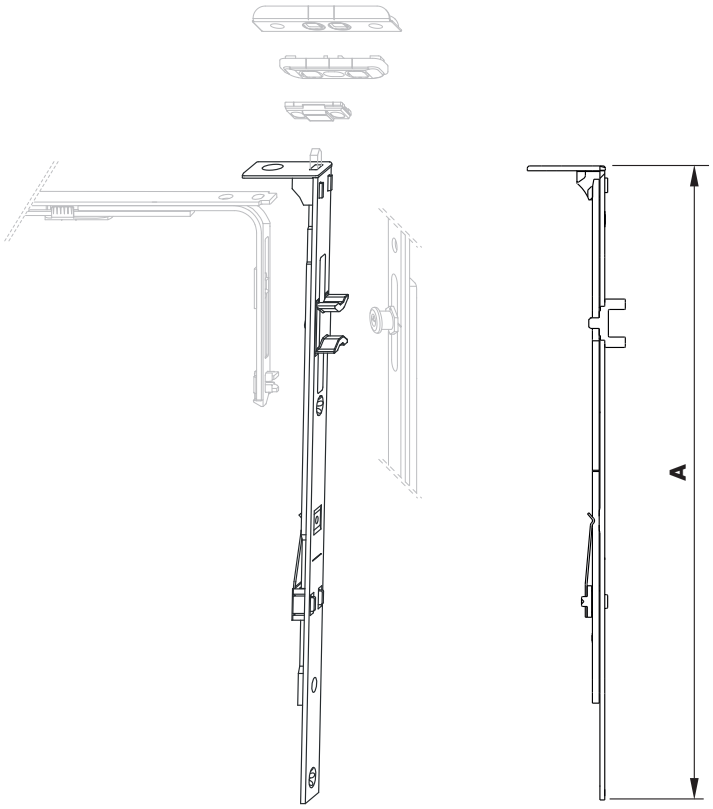
Technical information

Part number	Description	Dimensions (mm) A	
TFKR0080-...	shoot bolt VSO o.H. RSA 14	260	3





- Use in slave sashes with opposing fitting groove
- Automatic locking of the protruded shootbolt by means of closing over the main sash
- For suitable strikers refer to PDB line item FRZV01
- for RSA 14: if necessary, rework profiles in the rod throw section!
- For basic security
- Component can be coupled

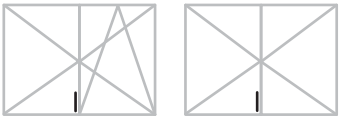


Sales information

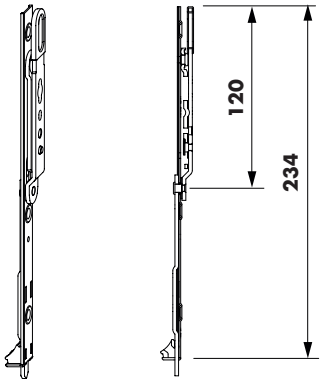
Description	Part number	Surface	Colour	Box quantity
shoot bolt VSO o.H. RSA 14	TFKR0080-10001_	Titan Silver	without	1 pc
	TFKR0080-10004_	Titan Silver	without	25 pcs

Technical information

Part number	Description	
TFKR0070-...	shoot bolt sz 1 RSA 11	3



- Use in slave sashes with opposing fitting groove
- For suitable strikers refer to PDB line item FRZV01
- For basic security

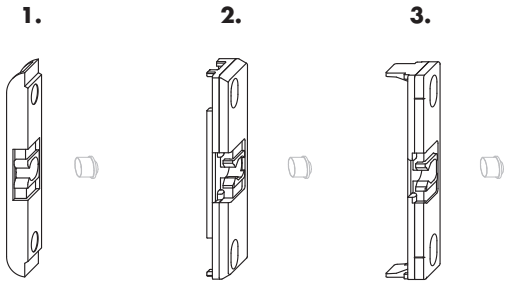


Sales information

Description	Part number	Surface	Colour	Box quantity
shoot bolt sz 1 RSA 11	TFKR0070-10001_	Titan Silver	without	1 pc
	TFKR0070-10004_	Titan Silver	without	25 pcs

Technical information

- Snapper profile-related, refer to PDB line item FRZB and FRZB01
- 1. Version for 4 mm airgap
  2. Version for 12 mm airgap
  3. Version for use on secondary sashes
- The depicted version are examples and may vary depending on the profile system.
- Sleeve profile-related, refer to PDB line item FFHU



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