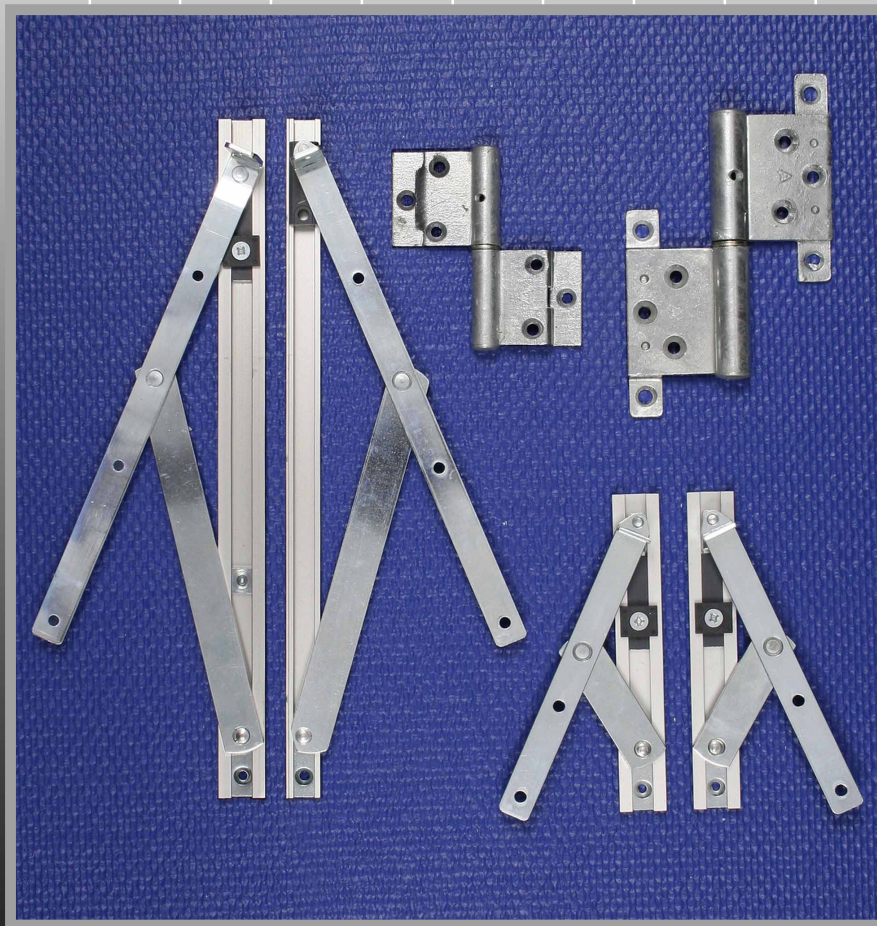


IPA FITTINGS

FOR VEKA DANLINE 70



2012



A/S J. PETERSENS BESLAGFABRIK

JACOB PETERSENSVEJ 9, DK-9240 NIBE

TEL: (+45) 98 35 15 00





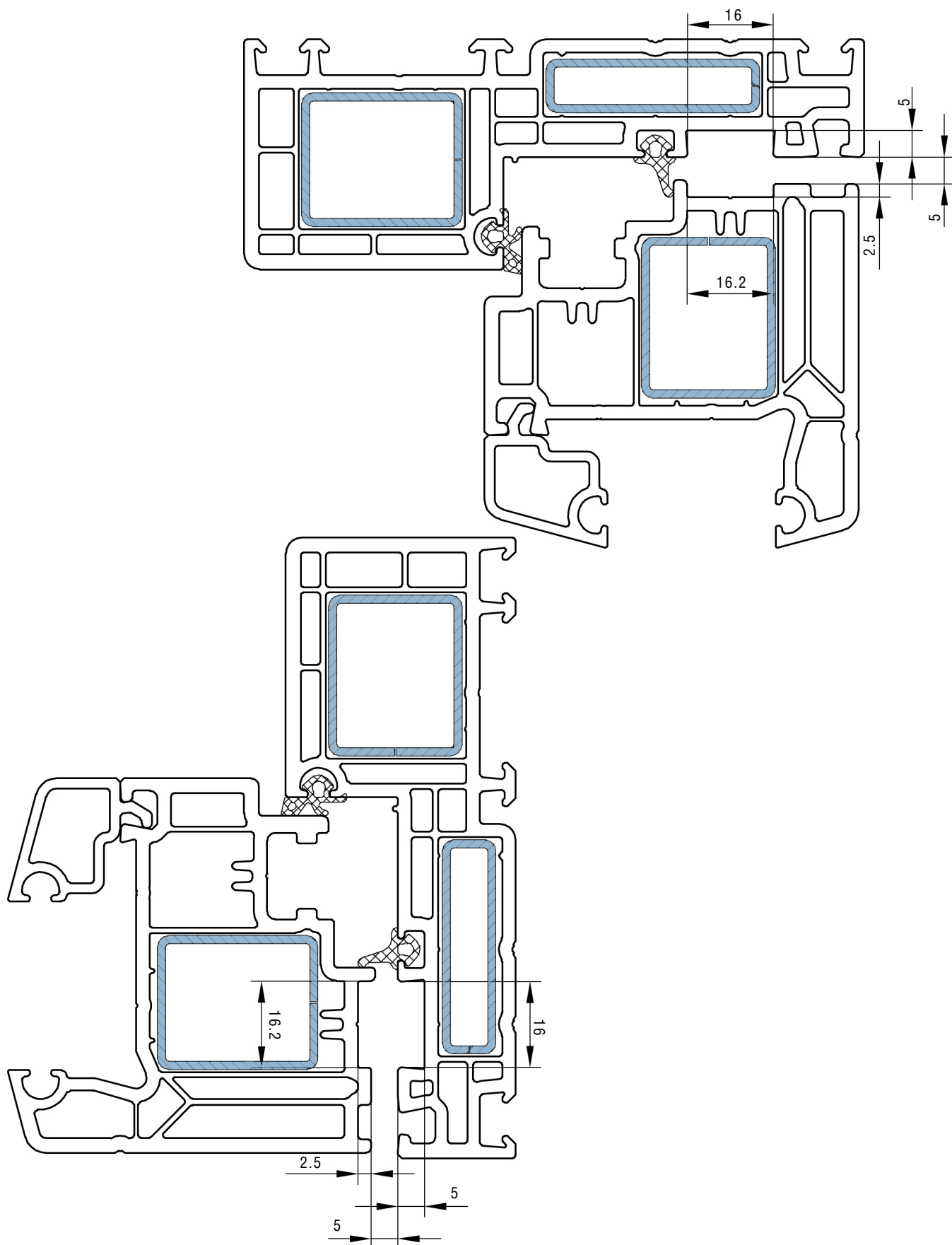
FITTINGS FOR VEKA DANLINE 70

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VEKA DANLINE 70 PROFILE





SUGGESTION - NUMBER OF HINGES

The charts below show the number of hinges, we suggest to use on different sizes of windows and doors. The charts shall ONLY be considered as a guidance, as the number of hinges also will depend on the use and weight of the window/door. If the window/door is mounted in a public building with many users (Schools, Railway Stations etc.) then more or even larger hinges are recommended.

Also we suggest to use a support fitting whenever possible.

WINDOW HINGES: Valid for the window hinges shown in this catalogue.

All window hinges meets the requirements of class 9 (60 Kgs.) in accordance with DS/EN 1935. The numbers in brackets are number of hinges in windows with 3-layer glass.

Width Height	500	600	700	800
1500	2 (3)	3 (3)	3 (3)	3 (4)
1400	2 (3)	3 (3)	3 (3)	3 (4)
1300	2 (3)	3 (3)	3 (3)	3 (4)
1200	2 (3)	3 (3)	3 (3)	3 (4)
1100	2 (3)	3 (3)	3 (3)	3 (3)
1000	2 (2)	2 (2)	2 (2)	3 (3)
900	2 (2)	2 (2)	2 (2)	3 (3)
800	2 (2)	2 (2)	2 (2)	3 (3)
700	2 (2)	2 (2)	2 (2)	
600	2 (2)	2 (2)		
500	2 (2)			

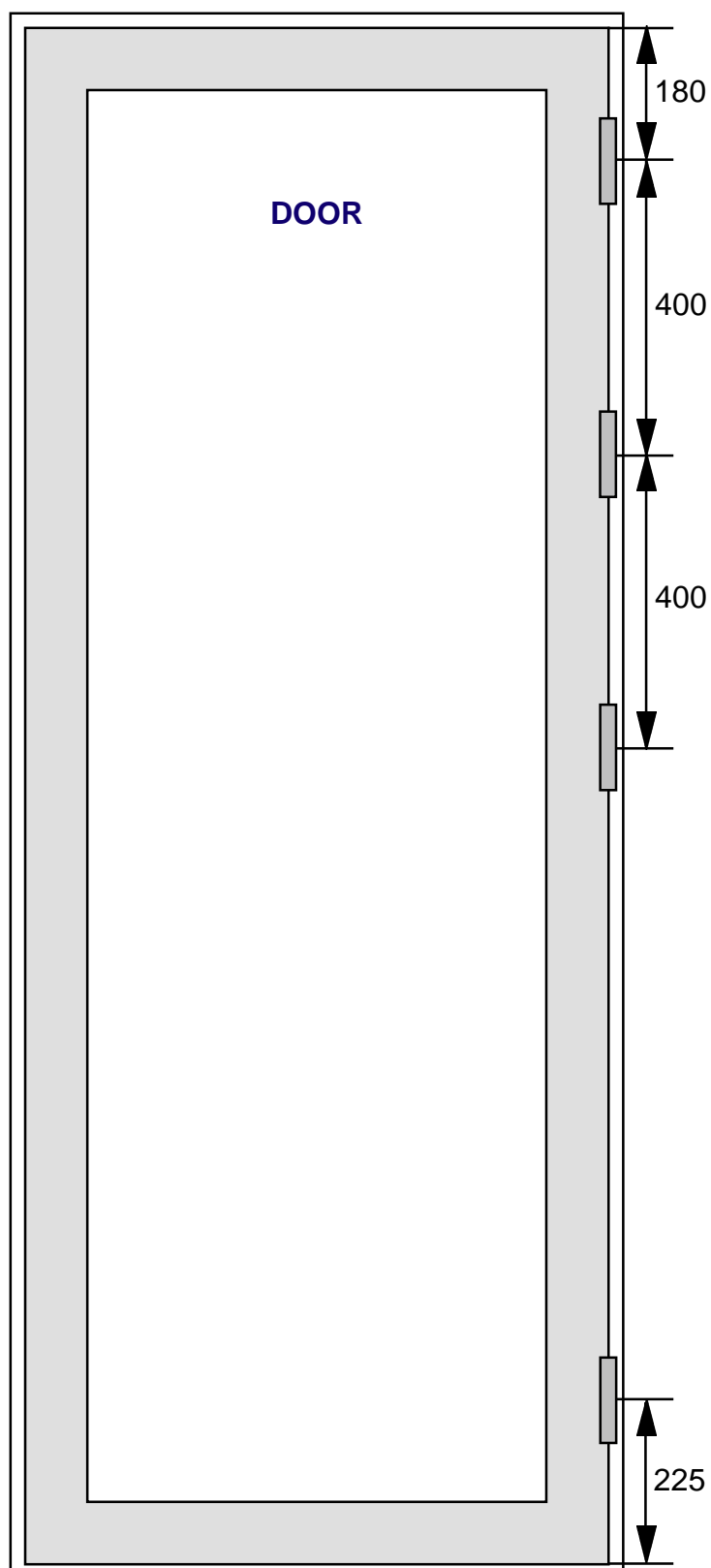
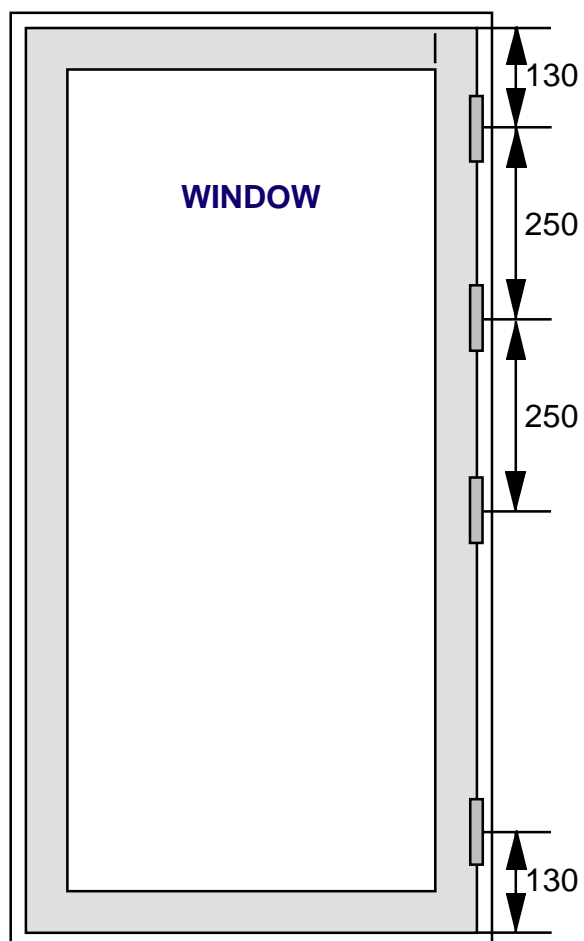
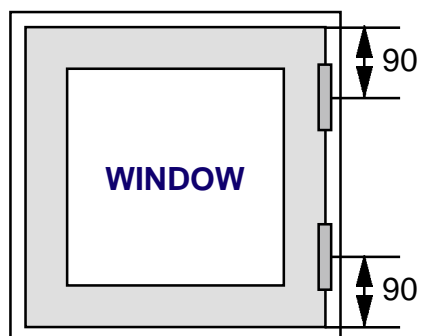
DOORHINGES: Valid for door hinges shown in this catalogue.

All door hinges with steel pin meets the requirements of class 13 (120 Kgs.) in accordance with DS/EN 1935. The same hinges with brass pin meets the requirements of class 11 (80 Kgs.) in accordance with DS/EN 1935

Width Height	700	800	900	1000	1100
2600	5	5	5		
2500	5	5	5	5	
2400	4	4	4	5	5
2300	4	4	4	4	5
2200	3	3	3	4	4
2100	3	3	3	3	4
2000	3	3	3	3	4



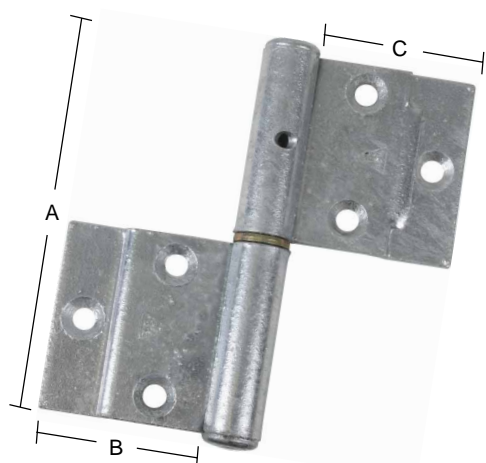
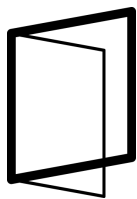
SUGGESTION - HINGE POSITIONS





WINDOW HINGE

IPA No. 61574



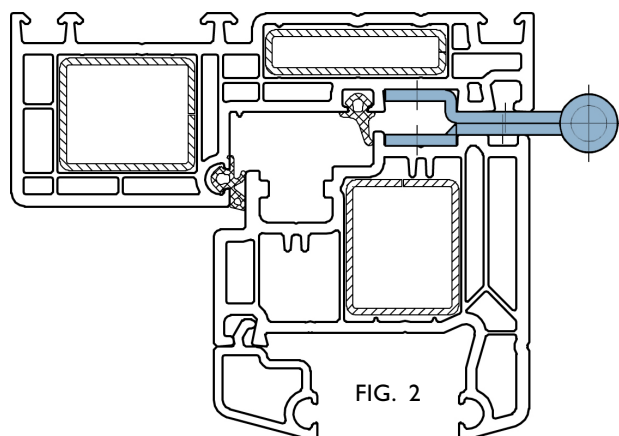
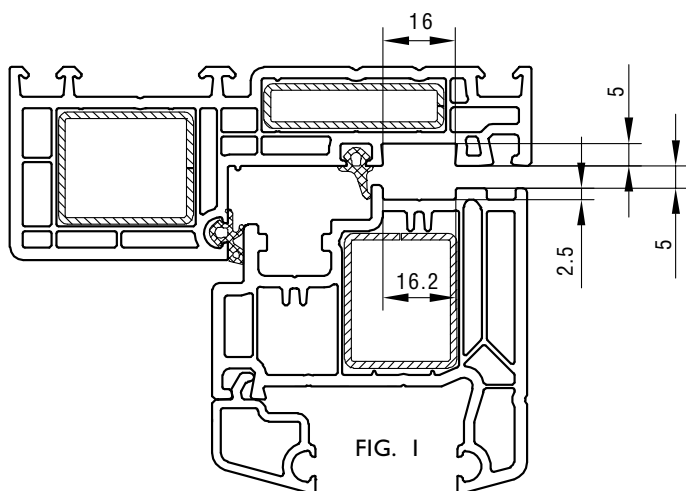
ORDERING NO.													
IPA NO.	MATERIAL		SQUARE EDGES LEFT	SQUARE EDGES RIGHT	SURFACE	INDUSTRY PACKING IN BOXES OF 100 PIECES	A MM	B MM	C MM	MATERIAL MM	PIN MM	SCREW	APPROX. WEIGHT KG / PC.
	STEEL FIXED STEEL PIN	STEEL FIXED BRASS PIN											
61574	2	3	3	4	87	2	90	38.5	38.5	2.5	8	4.0	0.16



IPA No. 61574

FITTING INSTRUCTIONS

PROFILE - VEKA DANLINE 70:



USE SCREW NO. 4.0.

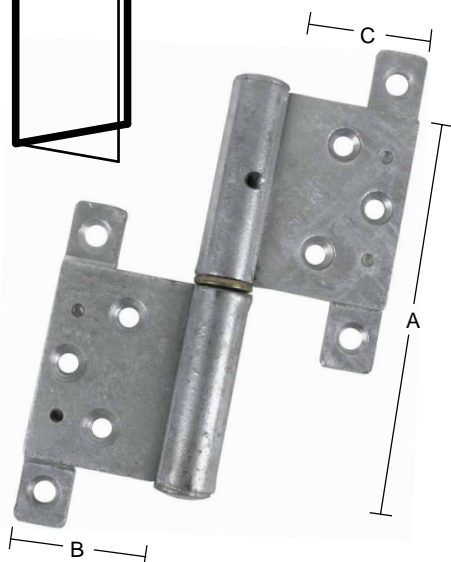
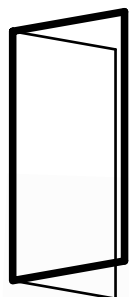
MAINTENANCE:

TEST THE OPERATION FROM TIME TO TIME. WHEN FITTING - GREASE THE PIVOT/MOVABLE METAL PARTS OF THE MECHANISM WHILE ACTIVATING REPEATEDLY. HEREAFTER GREASE MINIMUM TWICE A YEAR. SEE ALSO INSTRUCTIONS ON PAGE 26 - 27.



DOOR HINGE

IPA No. 61598



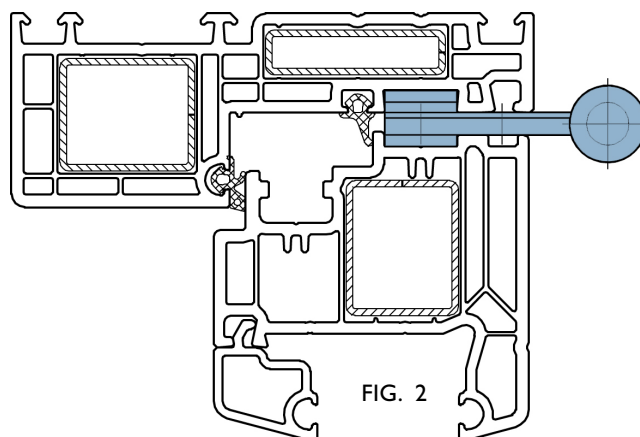
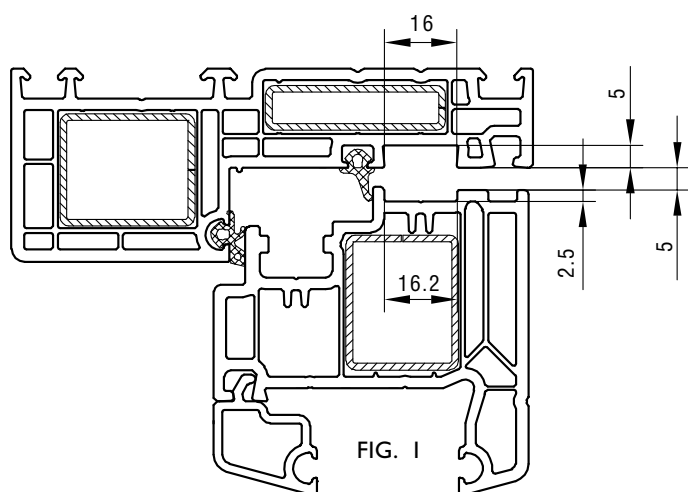
ORDERING NO.													
IPA NO.	MATERIAL		SQUARE EDGES LEFT	SQUARE EDGES RIGHT	SURFACE	INDUSTRY PACKING IN BOXES OF 50 PIECES	A MM	B MM	C MM	MATERIAL MM	PIN MM	SCREW	APPROX. WEIGHT KG / PC.
	STEEL FIXED STEEL PIN	STEEL FIXED BRASS PIN											
61598	2	3	3	4	87	2	120	41	41	4.0	9.5	5.0	0.43



IPA No. 61598

FITTING INSTRUCTIONS

PROFILE - VEKA DANLINE 70:



USE SCREW NO. 5.0.

MAINTENANCE:

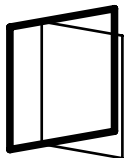
TEST THE OPERATION FROM TIME TO TIME. WHEN FITTING - GREASE THE PIVOT/MOVABLE METAL PARTS OF THE MECHANISM WHILE ACTIVATING REPEATEDLY. HEREAFTER GREASE MINIMUM TWICE A YEAR. SEE ALSO INSTRUCTIONS ON PAGE 26 - 27.



SIDE SWING WINDOW 90°

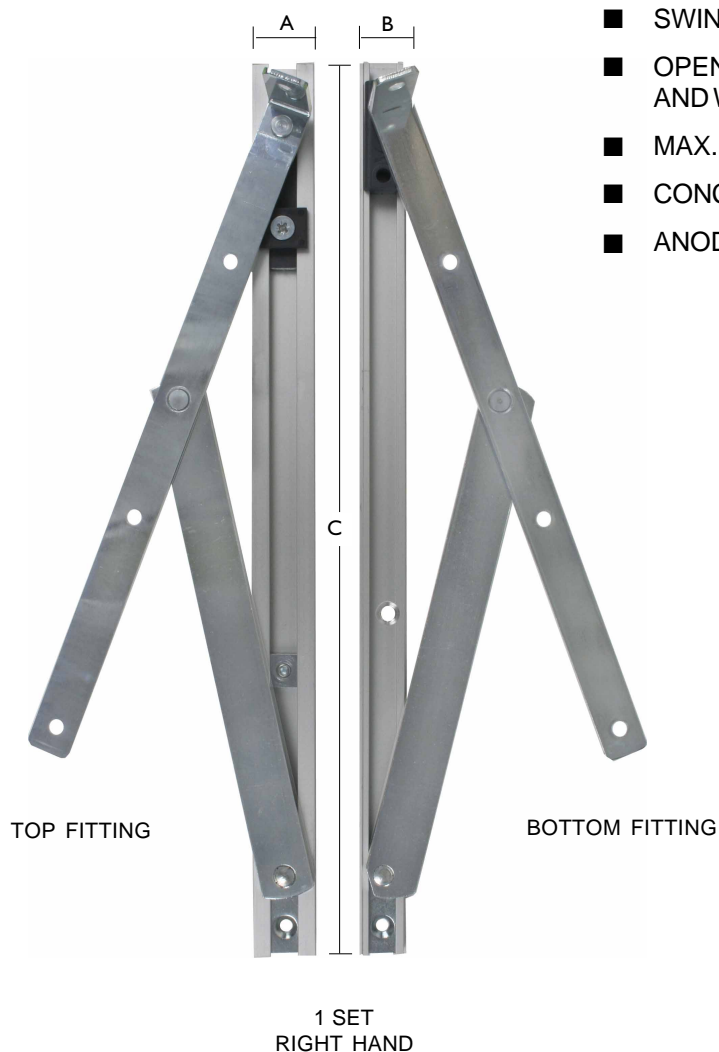
WITH FRICTION

IPA No. 62695



ORDERING NO.											
IPA NO.	MATERIAL			SURFACE	STANDARD PACKING IN BOXES OF 5 SETS	A MM	B MM	C MM	SCREW	APPROX. WEIGHT KG / SET	
	STEEL	LEFT	RIGHT	ELECTROPLATED							
62695	1	7	8	21	1	19	17.5	325	4.0	0.44	

- ADJUSTABLE FRICTION
- CONVENIENT FOR CLEANING
- SWINGS 90°
- OPENS CLEAR FROM CURTAINS AND WINDOW FRAME
- MAX. VENTILATION
- CONCEALED FITTINGS
- ANODIZED ALUMINIUM RAILS



FIRE-ESCAPE OPENING:
500 MM FROM SASH WIDTH 726 MM



IPA No. 62695

FITTING INSTRUCTIONS

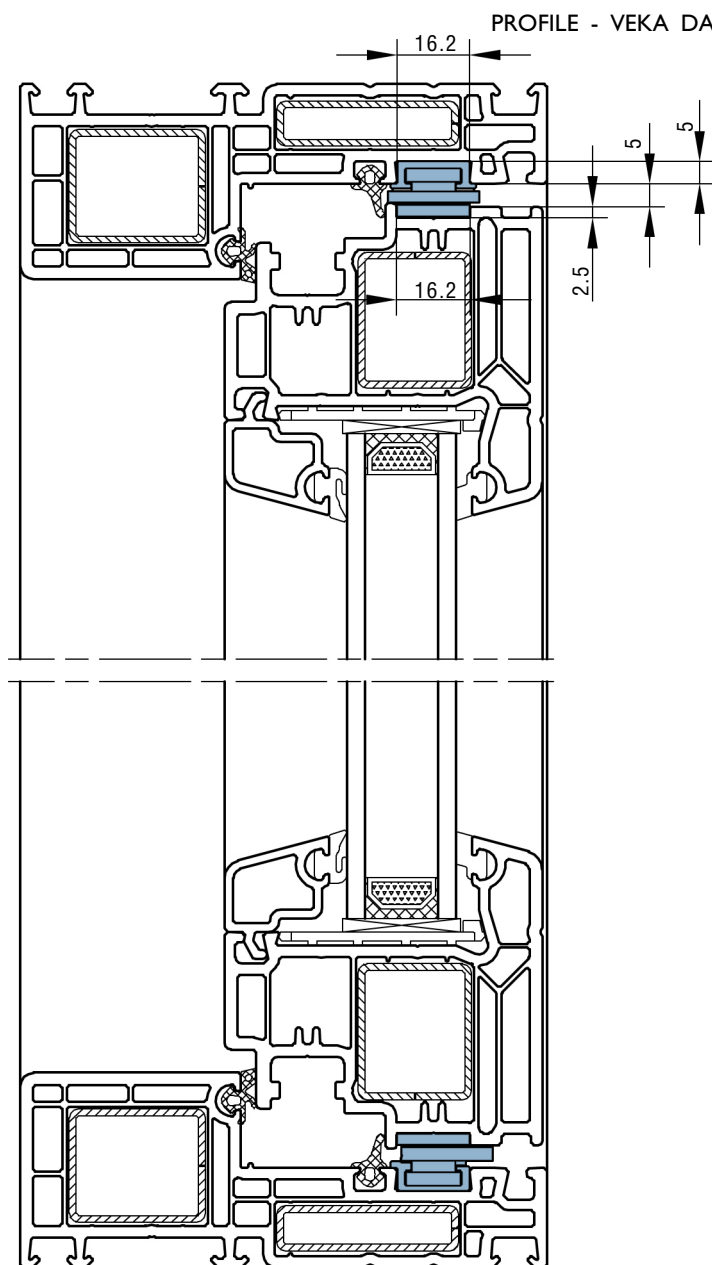


FIG. 1
VERTICAL PLAN

FITTING:

1. THE FITTING SHOULD BE POSITIONED IN THE GROOVES AT HEAD AND CILL OF FRAME AND SCREWED ON (FIGURE 1 AND 2)
2. NOW PUSH THE WINDOW SASH INTO POSITION BY SASH SLOTS AND FASTEN THE SCREWS.
3. THE FRICTION CAN BE ADJUSTED ON THE TOP FITTING. IF A LARGER OPENING IS WANTED THEN JUST MOVE THE ADJUSTABLE STOP FITTING IN THE TOP FRAME ALUMINIUM RAIL.

MAINTENANCE:

THE FITTINGS ARE NOT TO BE PAINTED. TEST THE OPERATION FROM TIME TO TIME. WHEN FITTING - LUBRICATE THE PIVOT/MOVABLE METAL PARTS OF THE MECHANISM WHILE ACTIVATING REPEATEDLY. HEREAFTER LUBRICATE MINIMUM TWICE A YEAR. DO NOT LUBRICATE THE ALUMINIUM RAILS. SEE ALSO INSTRUCTIONS ON PAGE 26 - 27.

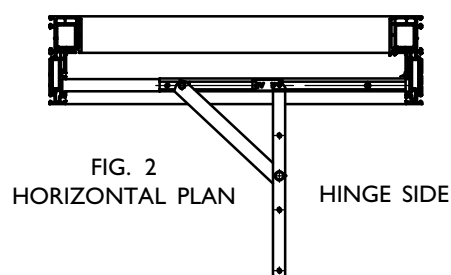


FIG. 2
HORIZONTAL PLAN

FITTING SHOWN ON FRAME CILL

RIGHT HAND ILLUSTRATION

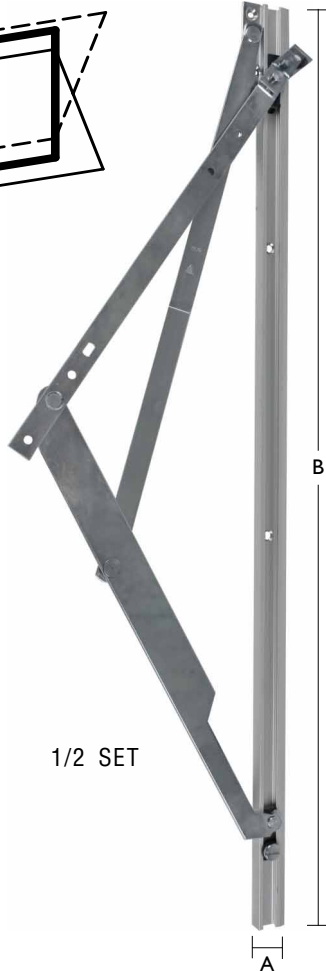
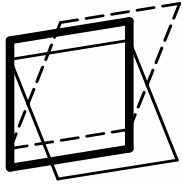
IPA NO.	62695
MAX. WEIGHT OF SASH KGS	40
MIN. WIDTH OF SASH MM	315
MAX. WIDTH OF SASH MM	820
USE SCREW NO.	4.0

FIG. 3



REVERSIBLE PROJECTING GEARS

IPA No.s 62544-52, IPA No. 62562 & IPA No. 62155



1/2 SET

ORDERING NO.									
IPA NO.	MATERIAL	W/O SPECIFICATIONS	SURFACE	STANDARD PACKING IN BOXES OF 1 SET	A MM	B MM	FRAME DIMENSIONS INSIDE MM	SCREW	APPROX. WEIGHT KG / SET
	STEEL		ELECTROPLATED						
62544	1	0	21	1	18	532	532-643	4.0	1.08
62545	1	0	21	1	18	644	644-743	4.0	1.26
62546	1	0	21	1	18	744	744-843	4.0	1.44
62547	1	0	21	1	18	844	844-943	4.0	1.62
62548	1	0	21	1	18	944	944-1043	4.0	1.80
62549	1	0	21	1	18	1044	1044-1143	4.0	1.98
62550	1	0	21	1	18	1144	1144-1243	4.0	2.16
62551	1	0	21	1	18	1244	1244-1343	4.0	2.34
62552	1	0	21	1	18	1344	1344-1443	4.0	2.52

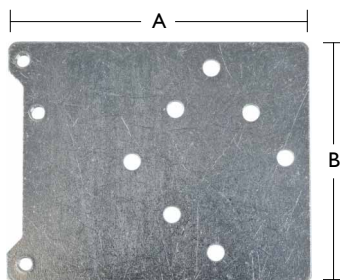
- CONCEALED FITTING
- ADJUSTABLE FRICTION
- FULLY REVERSIBLE 170°
- OPENS CLEAR OF CURTAINS AND WINDOW FRAME
- ANODIZED ALUMINIUM RAILS



SAFETY RESTRICTOR
IPA NO. 62562

ORDERING NO.							
IPA NO.	MATERIAL	LEFT	SURFACE	STANDARD PACKING IN BOXES OF 20 PCS.	A MM	SCREW	APPROX. WEIGHT KG / PC.
	STEEL		ELECTROPLATED				
62562	1	7	21	1	170	3.5	0.08

FIRE-ESCAPE OPENING:
500 MM FROM IPA NO. 62547
600 MM FROM IPA NO. 62549



THREADED PLATE
IPA NO. 62155

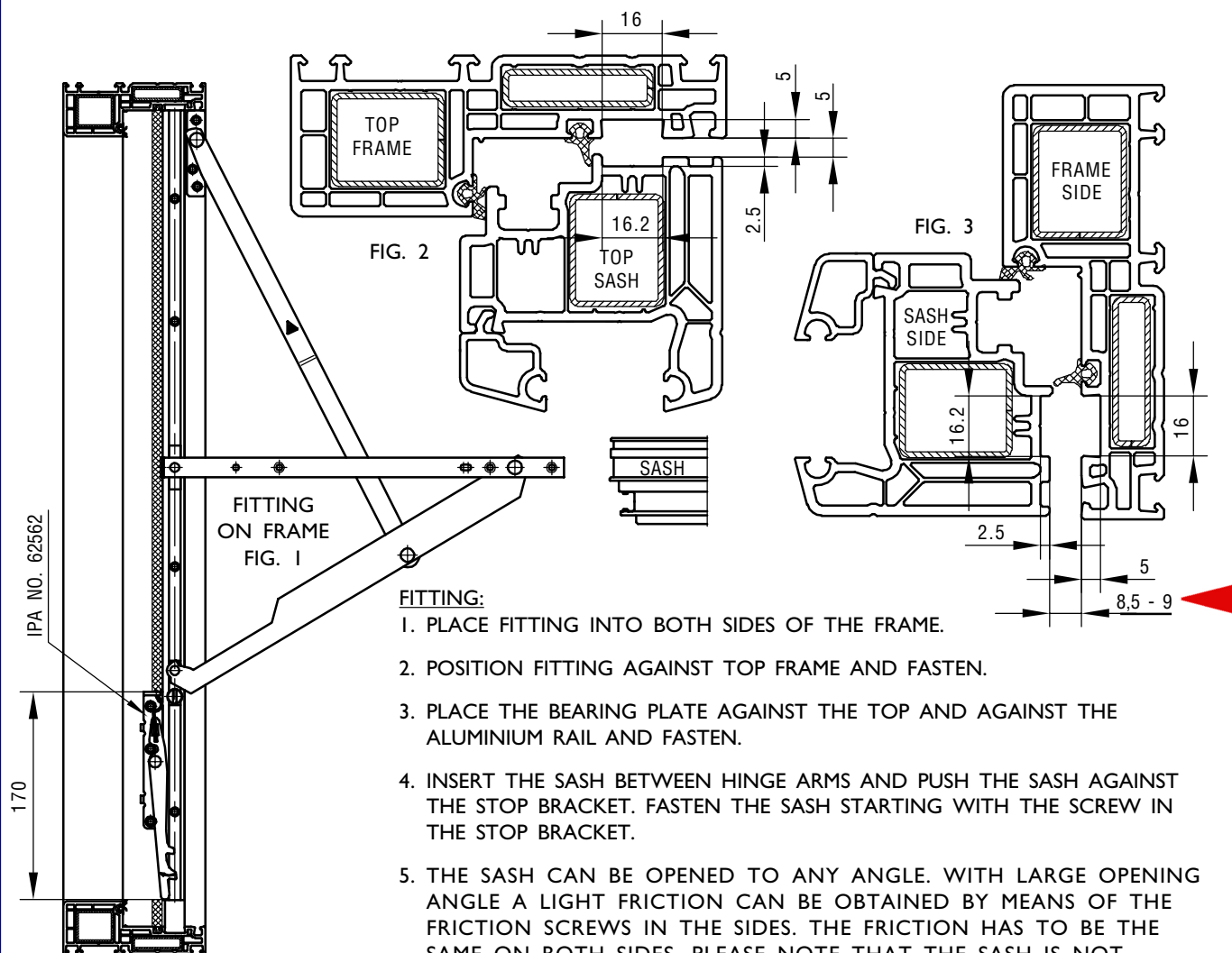
ORDERING NO.								
IPA NO.	MATR.	W/O SPECIFICATION	SURFACE	STANDARD PACKING IN BOXES OF 25 PCS.	A MM	B MM	SCREW	APPROX. WEIGHT KG / PC.
	STEEL		ELECTROPLATED					
62155	1	0	21	1	80	64	4,0	0,12



IPA No.s 62544-52

FITTING INSTRUCTIONS

PROFILE - VEKA DANLINE 70:



FITTING:

1. PLACE FITTING INTO BOTH SIDES OF THE FRAME.
2. POSITION FITTING AGAINST TOP FRAME AND FASTEN.
3. PLACE THE BEARING PLATE AGAINST THE TOP AND AGAINST THE ALUMINIUM RAIL AND FASTEN.
4. INSERT THE SASH BETWEEN HINGE ARMS AND PUSH THE SASH AGAINST THE STOP BRACKET. FASTEN THE SASH STARTING WITH THE SCREW IN THE STOP BRACKET.
5. THE SASH CAN BE OPENED TO ANY ANGLE. WITH LARGE OPENING ANGLE A LIGHT FRICTION CAN BE OBTAINED BY MEANS OF THE FRICTION SCREWS IN THE SIDES. THE FRICTION HAS TO BE THE SAME ON BOTH SIDES. PLEASE NOTE THAT THE SASH IS NOT SECURED FOR HEAVY WINDS AND OTHER HEAVY INFLUENCE.
6. FIT THE RESTRICTOR IPA NO. 62562 ON THE LEFT SIDE, SEE FIG. 1. FOR PROPER FITTING AND OPERATION OF THE RESTRICTOR A CORRESPONDING PIECE (170 MM) OF THE WEATHER STRIP HAS TO BE REMOVED.

USE SCREW NO. 4.0.

OPERATION INSTRUCTIONS:

1. OPEN THE WINDOW - THE RESTRICTOR WILL AUTOMATICALLY RESTRICT THE WINDOW.
2. PULL THE SASH 20 MM - PRESS THE RESTRICTOR IN THE DIRECTION OF THE ARROW AND OPEN THE WINDOW.
3. WHEN THE WINDOW IS REVERSED FOR CLEANING, THE RESTRICTOR WILL LOCK AUTOMATICALLY. DISENGAGE AS MENTIONED IN POINT 2.

MAINTENANCE:

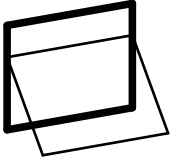
THE FITTINGS ARE NOT TO BE PAINTED. WHEN FITTING - LUBRICATE THE PIVOT/MOVABLE METAL PARTS OF THE MECHANISM WHILE ACTIVATING REPEATEDLY. HEREAFTER LIBRICATE MINIMUM TWICE A YEAR. DO NOT GREASE THE ALUMINIUM RAILS. TEST THE OPERATION FROM TIME TO TIME. SEE ALSO INSTRUCTIONS ON PAGE 26 - 27.

IPA NO.	FITTING LENGTH MM	MAX. WEIGHT KGS.
62544	532	45
62545	644	45
62546	744	45
62547	844	45
62548	944	45
62549	1044	45
62550	1144	45
62551	1244	45
62552	1344	45

USE THE LARGEST POSSIBLE FITTING



CANOPY STAY WITH FRICTION IPA No. 62570-75



1/2 SET

ORDERING NO.									
IPA NO.	MATERIAL	W/O SPECIFICATION	SURFACE	STANDARD PACKING IN BOXES OF 5 SETS	INDUSTRY PACKING IN BOXES OF 25 SETS	A MM	B MM	SCREW	APPROX. WEIGHT KG / SET
	STEEL		ELECTROPLATED						
62570	1	0	21	-	2	19	255	4.0	0.44
62573	1	0	21	-	2	19	445	4.0	0.64
62574	1	0	21	1	-	19	703	4.0	1.02
62575	1	0	21	1	-	19	152	4.0	0.26

- CONCEALED FITTINGS
- ADJUSTABLE FRICTION
- ANODIZED ALUMINIUM RAILS
- THE MOVEMENT GEOMETRY ENSURES MAXIMUM SEALING

FIRE-ESCAPE OPENING:

IPA NO. 62570

500 MM FROM SASH HEIGHT 826 MM

IPA NO. 62573

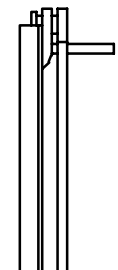
500 MM FROM SASH HEIGHT 926 MM

600 MM FROM SASH HEIGHT 1026 MM

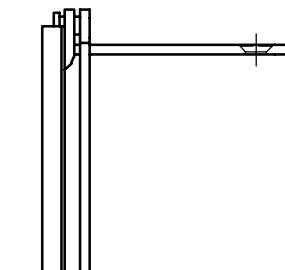
IPA NO. 62574

500 MM FROM SASH HEIGHT 1126 MM

600 MM FROM SASH HEIGHT 1326 MM



62575

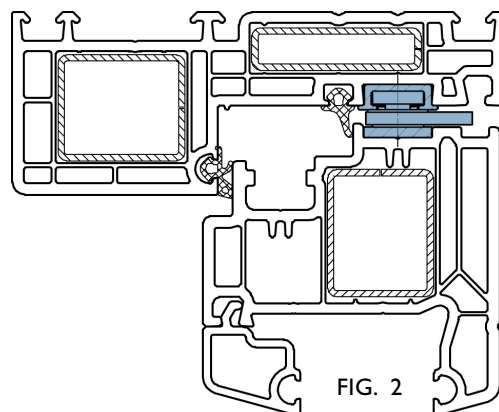
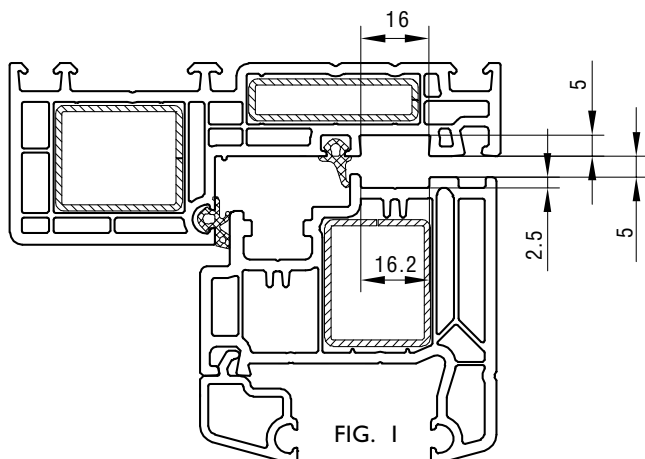


62570-74



IPA No. 62570-75 FITTING INSTRUCTIONS

PROFILE - VEKA DANLINE 70:



IPA NO.	62570	62573	62574	62575
MAX. SASH WEIGHT KGS	40	50	70	20
MAX. SASH HEIGHT MM	840	1340	1540	300
SCREW	4.0	4.0	4.0	4.0

FITTING:

1. CLOSE THE FITTING AND PLACE IT IN THE GROOVE OF THE SIDE FRAME.
PLACE THE FITTING AGAINST THE TOP FRAME.
PLACE AND FASTEN THE SCREW IN THE BOTTOM HOLE OF THE FITTING.
OPEN THE FITTING AND FASTEN THE REMAINING SCREWS.
ON IPA NO. 62574 MOUNT THE STOPPLATE THROUGH THE UPPER SCREW HOLE
IN THE ALU RAIL UNDER THE SLIDING ELEMENT.
FOR IPA NO. 62573: USE THE STOPPLATE TO REDUCE THE OPENING ANGLE OF
THE SASH TO THE WANTED POSITION.
2. PUSH THE SASH INTO ITS PLACE BY INSERTING IT BETWEEN THE FITTINGS,
GUIDED BY THE GROOVES IN THE SASH, TILL THE SASH HITS THE STOPS OF THE
FITTING. THESE STOPS WILL GUARANTEE A 5 MM GAB BETWEEN FRAME AND
SASH. FASTEN THE FITTING STARTING WITH THE SCREW IN THE STOP BRACKET
(IPA NO. 62570-74).
3. NOW THE FRICTION MAY BE ADJUSTED BY MEANS OF THE SCREWS IN THE
SLIDES.
THE BEST RESULT FOR THE WINDOW MOVEMENT IS ACHIEVED BY EQUAL
FRICTION AT EITHER SIDE.

MAINTENANCE:

THE FITTINGS ARE NOT TO BE PAINTED. TEST THE OPERATION FROM TIME TO
TIME. WHEN FITTING - LUBRICATE THE PIVOT/MOVABLE METAL PARTS OF THE
MECHANISM WHILE ACTIVATING REPEATEDLY. HEREAFTER LUBRICATE MINIMUM
TWICE A YEAR. DO NOT LUBRICATE THE ALUMINIUM RAILS. SEE ALSO INSTRUCTIONS
ON PAGE 26 - 27.

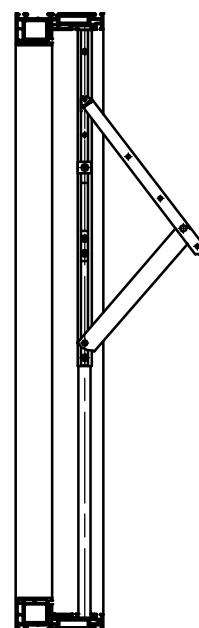
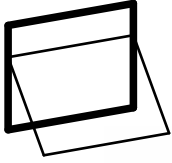


FIG. 3



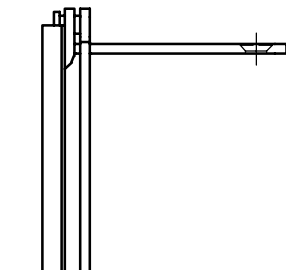
ADJUSTABLE CANOPY STAY WITH FRICTION IPA No. 62586-87



1/2 SET

ORDERING NO.					A MM	B MM	SCREW	APPROX. WEIGHT KG / SET
IPA NO.	MATERIAL	W/O SPECIFICATION	SURFACE	INDUSTRY PACKING IN BOXES OF 25 SETS				
	STEEL		ELECTROPLATED					
62586	1	0	21	2	19	306	4.0	0.53
62587	1	0	21	2	19	496	4.0	0.74

- VERTICALLY ADJUSTABLE ± 1.5 MM
- CONCEALED FITTINGS
- ADJUSTABLE FRICTION
- ANODIZED ALUMINIUM RAILS
- THE MOVEMENT GEOMETRY ENSURES MAXIMUM SEALING



FIRE-ESCAPE OPENING:

IPA NO. 62586

500 MM FROM SASH HEIGHT 826 MM

IPA NO. 62587

500 MM FROM SASH HEIGHT 926 MM

600 MM FROM SASH HEIGHT 1026 MM



IPA No. 62586-87

FITTING INSTRUCTIONS

PROFILE - VEKA DANLINE 70:

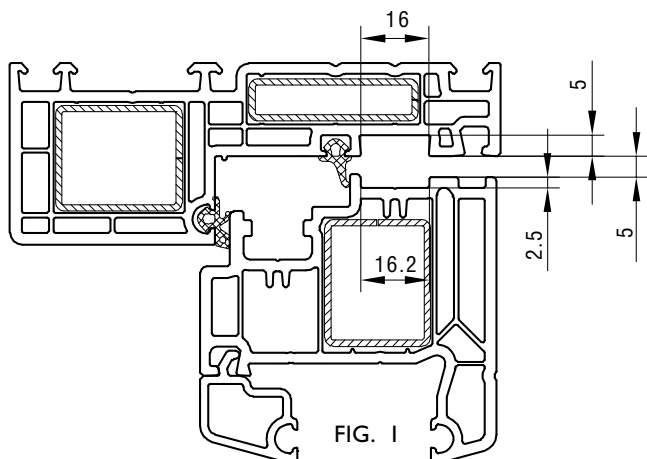


FIG. 1

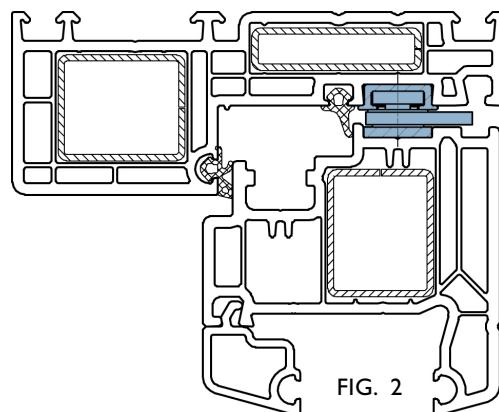


FIG. 2

IPA NO.	62586	62587
MAX. SASH WEIGHT KGS	40	50
MAX. SASH HEIGHT MM	840	1340
SCREW	4.0	4.0

FITTING:

1. CLOSE THE FITTING AND PLACE IT IN THE GROOVE OF THE SIDE FRAME. PLACE THE FITTING AGAINST THE TOP FRAME. PLACE AND FASTEN THE SCREW IN THE BOTTOM HOLE OF THE FITTING. OPEN THE FITTING AND FASTEN THE REMAINING SCREWS. FOR IPA NO. 62587: USE THE STOPPLATE TO REDUCE THE OPENING ANGLE OF THE SASH TO THE WANTED POSITION.
2. PUSH THE SASH INTO ITS PLACE BY INSERTING IT BETWEEN THE FITTINGS, GUIDED BY THE GROOVES IN THE SASH, TILL THE SASH HITS THE STOPS OF THE FITTING. THESE STOPS WILL GUARANTEE A 5 MM GAB BETWEEN FRAME AND SASH. FASTEN THE FITTING STARTING WITH THE SCREW IN THE STOP BRACKET
3. NOW THE FRICTION MAY BE ADJUSTED BY MEANS OF THE SCREWS IN THE SLIDES. THE BEST RESULT FOR THE WINDOW MOVEMENT IS ACHIEVED BY EQUAL FRICTION AT EITHER SIDE.
4. THE SASH CAN BE ADJUSTED ± 1.5 MM UP OR DOWN. BEFORE ANY ADJUSTMENT THE MOUNTING SCREWS IN THE BOTTOM IN EACH SIDE OF THE FRAME HAVE TO BE LOOSENED. THEN ADJUST BY USING A TORX-20 KEY TO TURN THE ECCENTRIC SCREW. BY DELIVERY THE MARK ON THE ECCENTRIC SCREW IS IN A VERTICAL POSITION INDICATING THE 0-POSITION. WHEN THE MARK IS IN HORIZONTAL POSITION IN EITHER TOP OR BOTTOM, THE FITTING IS ADJUSTED TO IT'S MAX OF ± 1.5 MM. AFTER THE ADJUSTMENT THE MOUNTING SCREWS IN THE BOTTOM OF EACH SIDE ARE FASTENED.

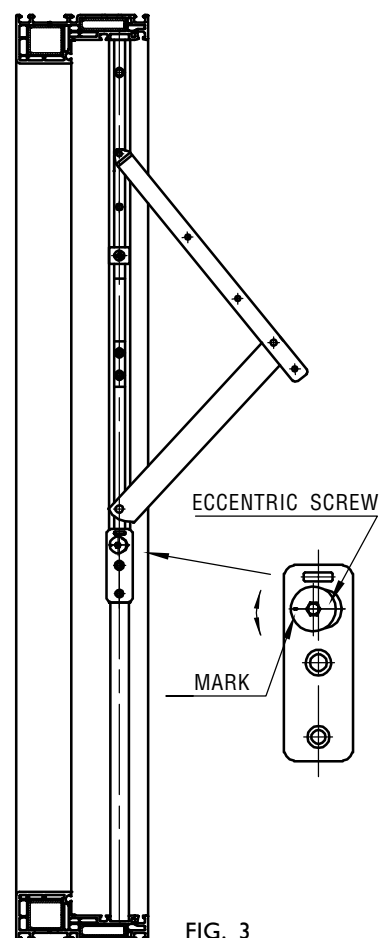


FIG. 3

MAINTENANCE:

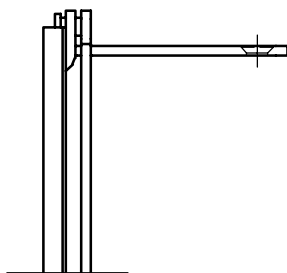
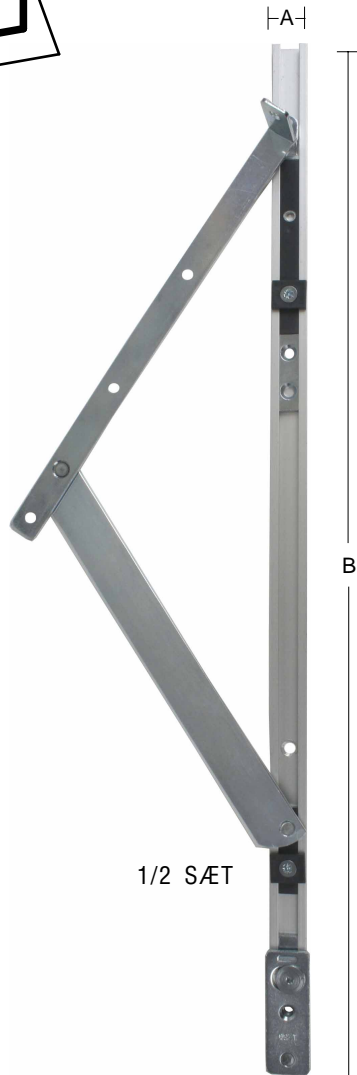
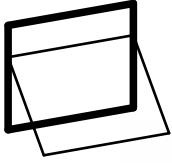
THE FITTINGS ARE NOT TO BE PAINTED. TEST THE OPERATION FROM TIME TO TIME. WHEN FITTING - LUBRICATE THE PIVOT/MOVABLE METAL PARTS OF THE MECHANISM WHILE ACTIVATING REPEATEDLY. HEREAFTER LUBRICATE MINIMUM TWICE A YEAR. DO NOT LUBRICATE THE ALUMINIUM RAILS. SEE ALSO INSTRUCTIONS ON PAGE 26 - 27.



ADJUSTABLE CANOPY STAY

WITH ADJUSTABLE FRICTION

IPA No. 62588



ORDERING NO.								
IPA NO.	MATERIAL	W/O SPECIFICATION	SURFACE	STANDARD PACKING IN BOXES OF 5 SETS	A MM	B MM	SCREW	APPROX. WEIGHT KG / SET
	STEEL		ELECTROPLATED					
62588	1	0	21	1	19	537	4.0	0.76

- VERTICALLY ADJUSTABLE ± 1.5 MM
- ADJUSTABLE FRICTION
- CONCEALED FITTINGS
- ANODIZED ALUMINIUM RAILS
- THE MOVEMENT GEOMETRY ENSURES MAXIMUM SEALING

FIRE-ESCAPE OPENING:

IPA NO. 62588

500 MM FROM SASH HEIGHT 626 MM

600 MM FROM SASH HEIGHT 726 MM



IPA No. 62588

FITTING INSTRUCTIONS

PROFILE - VEKA DANLINE 70:

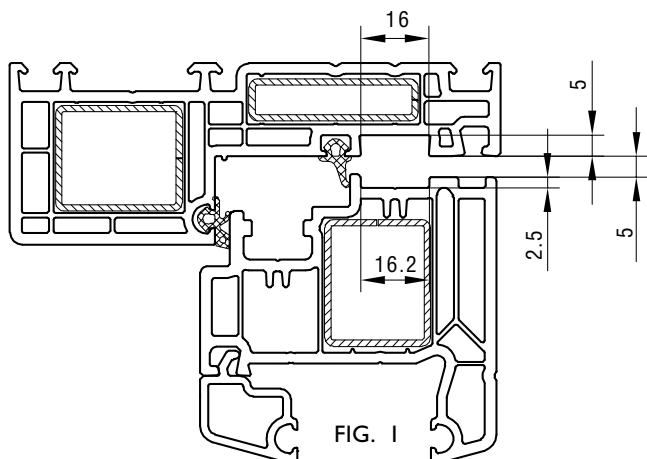


FIG. 1

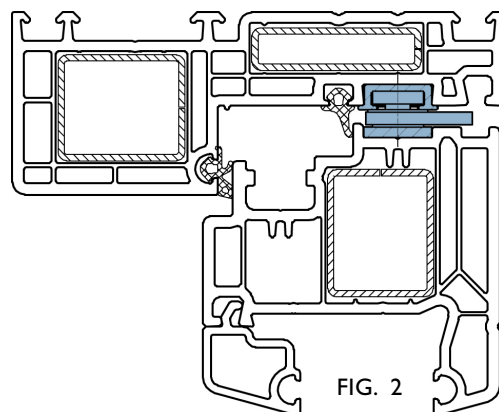


FIG. 2

IPA NO.	62588
MAX. SASH WEIGHT KGS	50
MAX. SASH HEIGHT MM	940
SCREW	4.0

FITTING:

1. CLOSE THE FITTING AND PLACE IT IN THE GROOVE OF THE SIDE FRAME. PLACE THE FITTING AGAINST THE TOP FRAME. PLACE AND FASTEN THE SCREW IN THE BOTTOM HOLE OF THE FITTING. OPEN THE FITTING AND FASTEN THE REMAINING SCREWS.
2. PUSH THE SASH INTO ITS PLACE BY INSERTING IT BETWEEN THE FITTINGS, GUIDED BY THE GROOVES IN THE SASH, TILL THE SASH HITS THE STOPS OF THE FITTING. THESE STOPS WILL GUARANTEE A 5 MM GAB BETWEEN FRAME AND SASH. FASTEN THE FITTING STARTING WITH THE SCREW IN THE STOP BRACKET
3. NOW THE FRICTION MAY BE ADJUSTED BY MEANS OF THE SCREWS IN THE SLIDES. WHEN ADJUSTING LET THE TOP GLIDER MOVE DOWN TO THE STOP. THE BEST RESULT FOR THE WINDOW MOVEMENT IS ACHIEVED BY EQUAL FRICTION AT EITHER SIDE.
4. THE SASH CAN BE ADJUSTED ± 1.5 MM UP OR DOWN. BEFORE ANY ADJUSTMENT THE MOUNTING SCREWS IN THE BOTTOM IN EACH SIDE OF THE FRAME HAVE TO BE LOOSENED. THEN ADJUST BY USING A TORX-20 KEY TO TURN THE ECCENTRIC SCREW. BY DELIVERY THE MARK ON THE ECCENTRIC SCREW IS IN A VERTICAL POSITION INDICATING THE 0-POSITION. WHEN THE MARK IS IN HORIZONTAL POSITION IN EITHER TOP OR BOTTOM, THE FITTING IS ADJUSTED TO IT'S MAX OF ± 1.5 MM. AFTER THE ADJUSTMENT THE MOUNTING SCREWS IN THE BOTTOM OF EACH SIDE ARE FASTENED.

MAINTENANCE:

THE FITTINGS ARE NOT TO BE PAINTED. TEST THE OPERATION FROM TIME TO TIME. WHEN FITTING - LUBRICATE THE PIVOT/MOVABLE METAL PARTS OF THE MECHANISM WHILE ACTIVATING REPEATEDLY. HEREAFTER LUBRICATE MINIMUM TWICE A YEAR. DO NOT LUBRICATE THE ALUMINIUM RAILS. SEE ALSO INSTRUCTIONS ON PAGE 26 - 27.

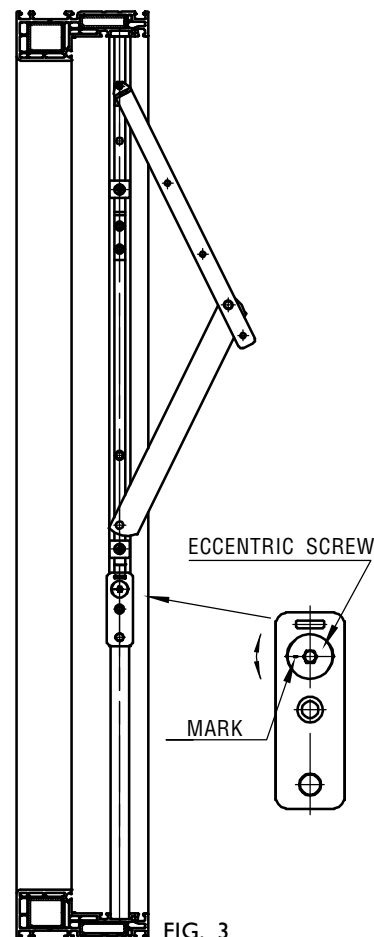
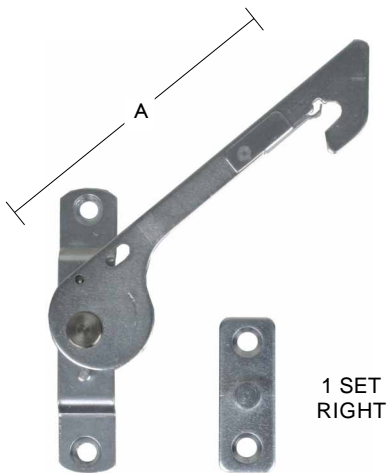
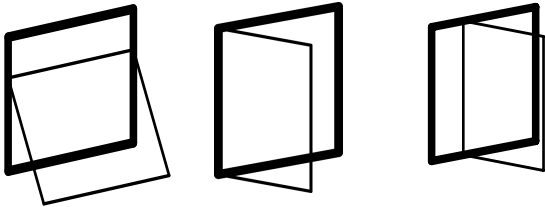


FIG. 3



SAFETY CATCH

IPA No. 62536



ORDERING NO.								
IPA NO.	MATERIAL			SURFACE	STANDARDPACKING IN BOXES OF 5 SETS	A MM	SCREW	APPROX. WEIGHT KG / SET
	STEEL	LEFT	RIGHT	ELECTROPLATED				
62536	1	7	8	21	1	92	4.0	0.06



IPA No. 62536

FITTING INSTRUCTIONS

PROFILE - VEKA DANLINE 70:

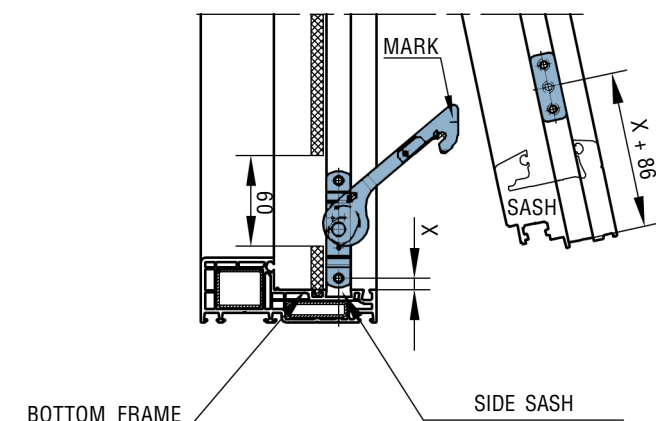


FIG. 1
RIGHT HAND ILLUSTRATION

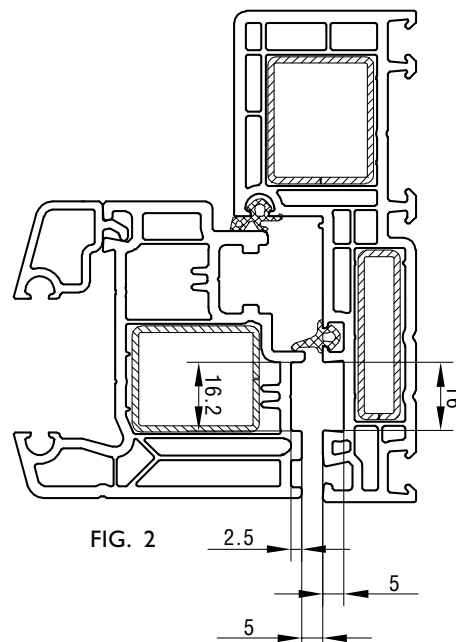


FIG. 2

THE FITTING CAN BE USED ON BOTH TOPHUNG/TOPGUIDED AS WELL AS SIDEHUNG/SIDEGUIDED WINDOWS. ON TOPHUNG/TOPGUIDED WINDOWS THE RESTRICTOR IS PLACED IN THE BOTTOM OF THE SIDE FRAME AND THE RECEIVER IS PLACED IN THE BOTTOM OF THE SIDE SASH. ON THE SIDEHUNG/SIDEGUIDED WINDOWS THE RESTRICTOR IS PLACED IN TOP/BOTTOM FRAME ON THE OPPOSITE SIDE OF THE HINGES AND THE RECEIVER IS PLACED IN THE TOP/BOTTOM SASH OPPOSITE THE HINGES.

TO ACCOMMODATE THE RESTRICTOR IT WILL BE NECESSARY TO REMOVE 60 MM OF THE WEATHER STRIP AS SHOWN ON FIG. 1.

X-DIMENSION IS OPTIONAL. ON TOPHUNG/TOPGUIDED WINDOWS X MUST MINIMUM BE 7 MM. BY USING LARGER X-DIMENSION THE VENTILATION OPENING WILL BE EXTENDED.

IMPORTANT: THE RECEIVER MUST BE MOUNTED SO THAT IT HITS THE MARK ON THE RESTRICTOR ARM WHEN THE WINDOW IS CLOSED. SEE FIG. 1

OPERATING INSTRUCTIONS:

1. OPEN THE WINDOW UNTIL THE RESTRICTOR ENGAGES.
2. PULL THE SASH APPROXIMATELY 20 MM BACKWARDS.
3. PRESS THE RESTRICTOR OUTWARDS AS YOU OPEN THE WINDOW.
4. WHEN THE WINDOW IS CLOSED THE RESTRICTOR RE-ENGAGES AUTOMATICALLY.

USE SCREW NO. 4.0

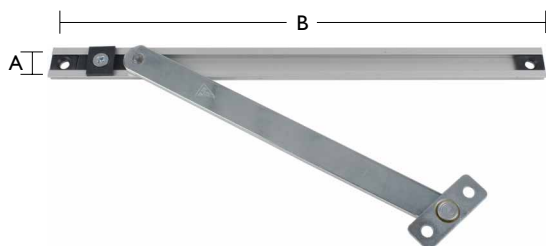
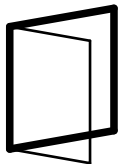
MAINTENANCE:

THE FITTINGS ARE NOT TO BE PAINTED. TEST THE OPERATION FROM TIME TO TIME. WHEN FITTING - LUBRICATE THE PIVOT/MOVABLE METAL PARTS OF THE MECHANISM WHILE ACTIVATING REPEATEDLY. HEREAFTER LUBRICATE MINIMUM TWICE A YEAR. DO NOT LUBRICATE THE ALUMINIUM RAILS. SEE ALSO INSTRUCTIONS ON PAGE 26 - 27.



FRICTION STAY for windows

IPA No. 62527



ORDERING NO.									
IPA NO.	MATERIAL	W/O SPECIFICATION	SURFACE	STANDARD PACKING IN BOXES OF 25 PCS.	A MM	B MM	MATERIAL MM	SCREW	APPROX. WEIGHT KG / PC.
	STEEL		ELECTROPLATED						
62527	1	0	21	1	19	274	17X3	4.0	0.14

- CONCEALED FITTING
- OPENS UP TILL 100°
- FRICTION IN ALL POSITIONS
- ADJUSTABLE FRICTION
- ANODIZED ALUMINIUM RAIL



IPA No. 62527

FITTING INSTRUCTIONS

PROFILE - VEKA DANLINE 70:

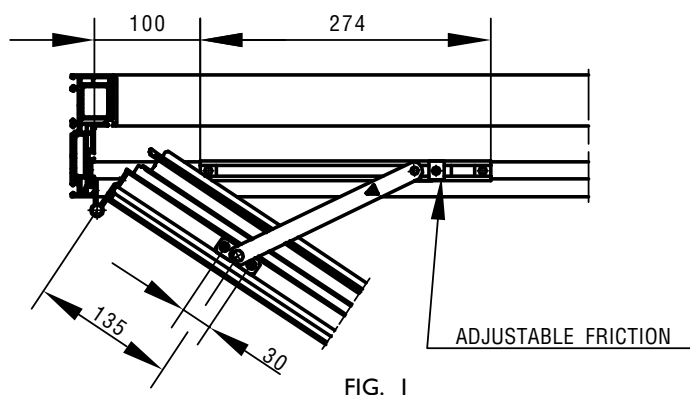


FIG. 1

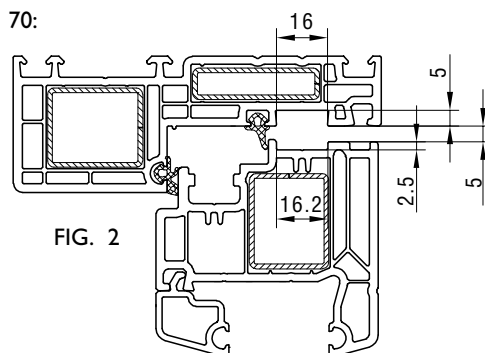


FIG. 2

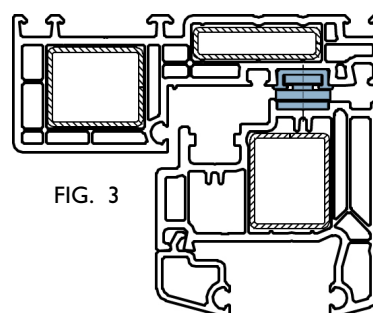


FIG. 3

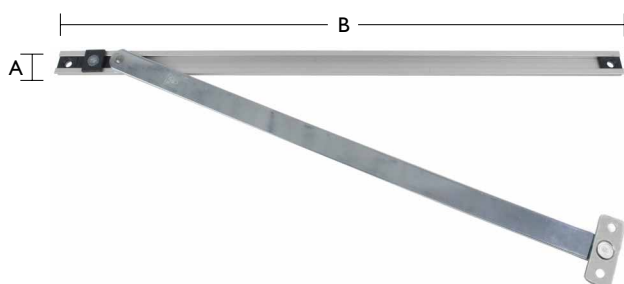
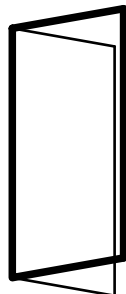
MAINTENANCE:

THE FITTING ARE NOT TO BE PAINTED. TEST THE OPERATION FROM TIME TO TIME. WHEN MOUNTING - LUBRICATE THE PIVOT/MOVABLE METAL PARTS OF THE MECHANISM WHILE ACTIVATING REPEATEDLY. HEREAFTER LUBRICATE MINIMUM TWICE A YEAR. DO NOT LUBRICATE THE ALUMINIUM RAIL. SEE ALSO INSTRUCTIONS ON PAGE 26 - 27.



FRICTION STAY for doors

IPA No. 63511



ORDERING NO.								
IPA NO.	MATERIAL	SURFACE		STANDARD PACKING IN BOXES OF 10 PCS.	A MM	B MM	MATERIAL MM	SCREW
	STEEL	W/O SPECIFICATIONS	ELECTROPLATED					
63511	1	0	21	1	19	414	17X3	4.0
								0.22

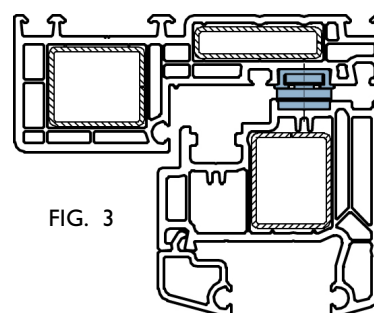
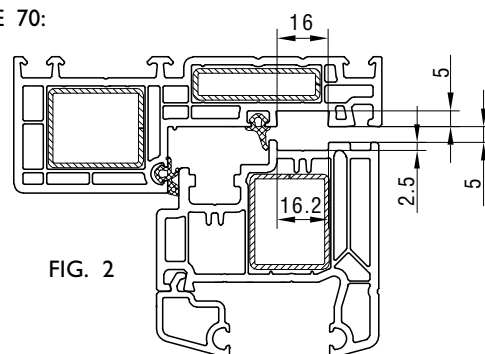
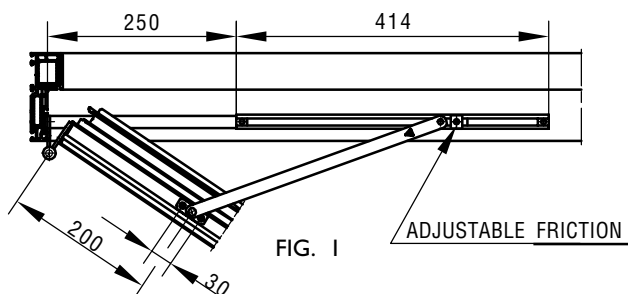
- CONCEALED FITTING
- OPENS UP TILL 100°
- FRICTION IN ALL POSITIONS
- ADJUSTABLE FRICTION
- ANODIZED ALUMINIUM RAIL



IPA No. 63511

FITTING INSTRUCTIONS

PROFILE - VEKA DANLINE 70:

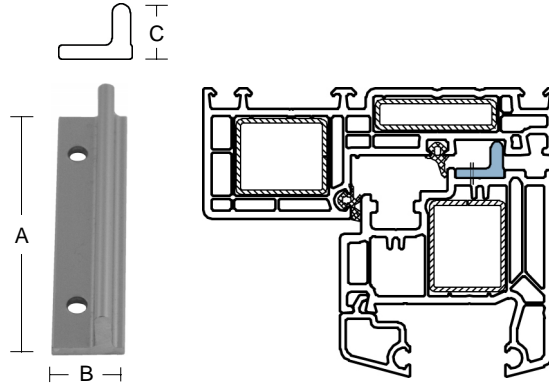


MAINTENANCE:

THE FITTING ARE NOT TO BE PAINTED. TEST THE OPERATION FROM TIME TO TIME. WHEN MOUNTING - LUBRICATE THE PIVOT/MOVABLE METAL PARTS OF THE MECHANISM WHILE ACTIVATING REPEATEDLY. HEREAFTER LUBRICATE MINIMUM TWICE A YEAR. DO NOT LUBRICATE THE ALUMINIUM RAIL. SEE ALSO INSTRUCTIONS ON PAGE 26 - 27.

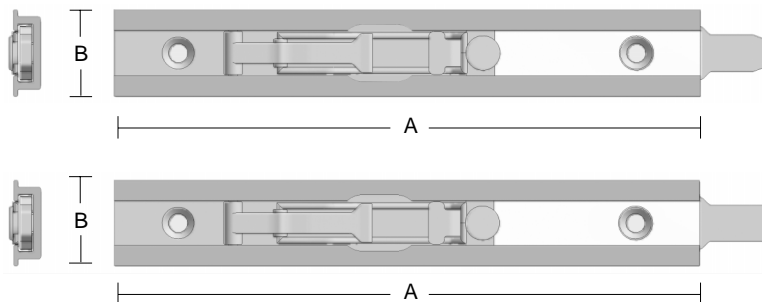


ACCESSORIES



SUPPORT FITTING
IPA NO. 62222

ORDERING NO.					A MM	B MM	C MM	SCREW HOLES MM	APPROX. WEIGHT KG / PC.
IPA NO.	MATERIAL	W/O SPECIFICATION	SURFACE	STANDARD PACKING IN BOXES OF 25 PCS.					
62222	ALUMINIUM 0	0	ANODIZED 00	1	70	16	12	5.0	0.05



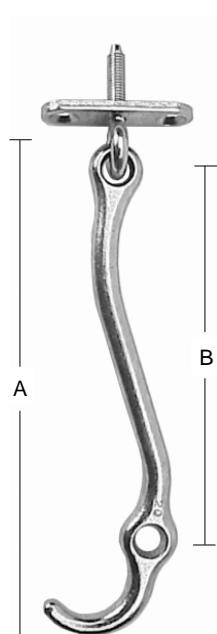
FLUSH BOLT
IPA NO. 63508

FLUSH BOLT
IPA NO. 63509

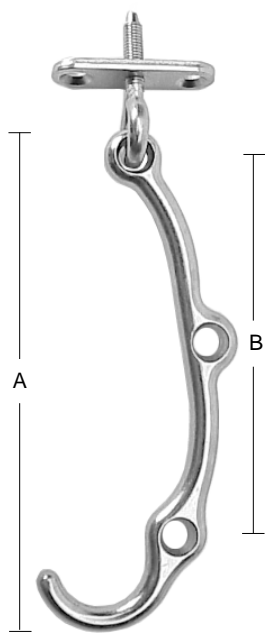
ORDERING NO.					A MM	B MM	THICKNESS MM	BOLT MM	LENGTH BOLT MM	SCREW	APPROX. WEIGHT KG / PC.
IPA NO.	MATERIAL	SQUARE EDGES	SURFACE	STANDARD PACKING IN BOXES OF 10 PCS.							
63508	STEEL 1	5	ELECTROPLATED 21	1	128	19	6	8.5X2.5	15	3.5	0.04
63509	1	5	21	1	128	19	6	8.5X2.5	20	3.5	0.04



CASEMENT HOOKS, HOOK CATCH & CASEMENT FASTENERS

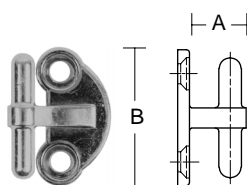


IPA NO. 21371

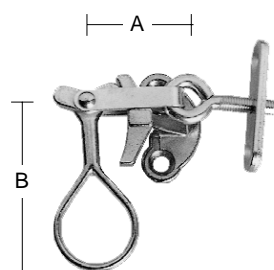


IPA NO. 21379

ORDERING NO.											
IPA NO.	MATERIAL	WITHOUT SPECIFICATION	SURFACE			STANDARDPACKING IN BOXES OF 50 PIECES	INDUSTRY PACKING IN BOXES OF 250 PIECES	A MM	B MM	HOLE FOR PIN MM	APPROX. WEIGHT KG / 100 PIECES
	ZINK ALLOY		ELECTROPLATED / WHITE	ELECTROPLATED	ELECTROPLATED YELLOW						
21371	0	0	06	21	25	-	2	130	95	6	6,0
21379	0	0	-	21	25	1	-	120	93	6	5,6
	0	0	06	21	25	-	2				



IPA NO. 21382



IPA NO. 21396

ORDERING NO.														
IPA NO.	MATERIAL	WITHOUT SPECIFICATION	SURFACE			STANDARD PACKING IN BOXES OF 50 PIECES	INDUSTRY PACKING IN BOXES OF 200 PIECES	INDUSTRY PACKING IN BOXES OF 500 PIECES	A MM	B MM	EYE SCREW M5 x (MM)	PIN MM	SCREW	APPROX. WEIGHT KG/100 PCS.
	STEEL		ELECTROPLATED / WHITE	ELECTROPLATED	ELECTROPLATED YELLOW									
21382	1	0	-	21	25	1	-	-	13,3	34	-	5,6	3,5	0,75
	1	0	06	21	25	-	2	-						
21396	1	0	06	21	25	-	-	2	24	50	20	-	3,5	5,0



FITTING INSTRUCTIONS

IPA NO. 21371 + 21379 + 21382

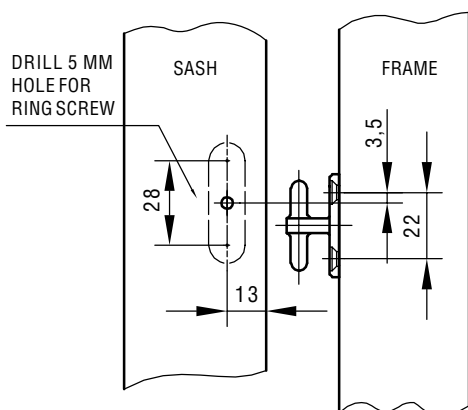


FIG. 1
IPA NO. 21382

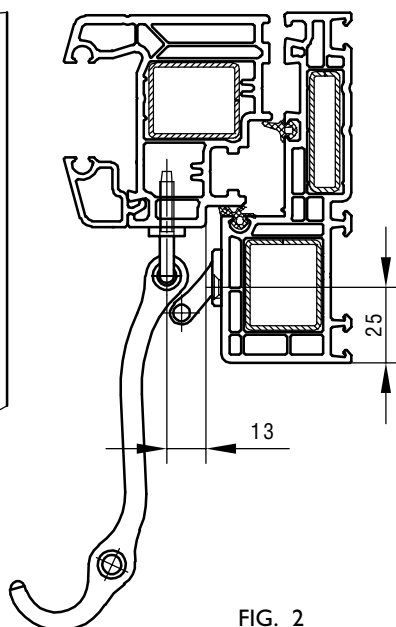


FIG. 2
IPA NO. 21371 WITH 21382

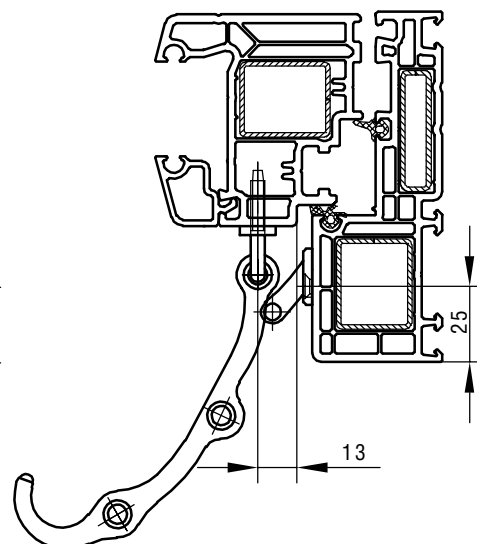
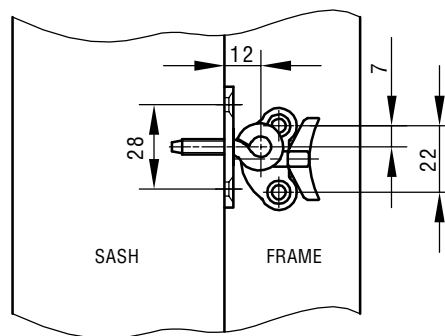
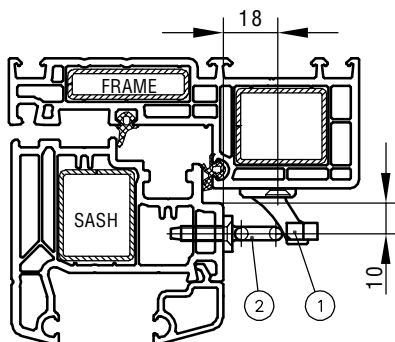
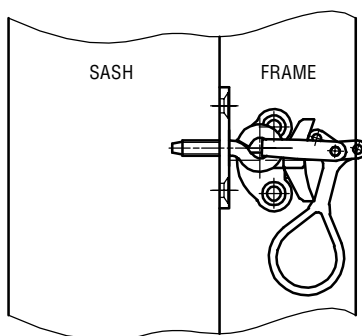


FIG. 3
IPA NO. 21379 WITH 21382

IPA NO. 21396



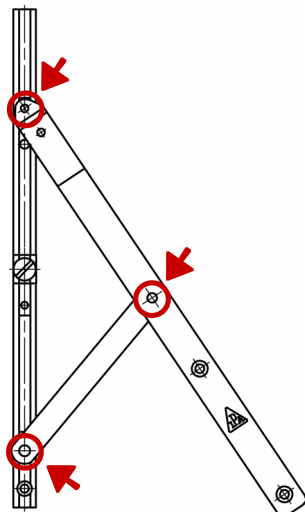
MOUNTING:

1. MOUNT THE RECEIVER ① IN THE WANTED HEIGHT ON THE SIDEFAME.
2. FOR CASEMENT FASTENERS WITH SCREW PLATE ② MEASURE PRECISELY ON THE SASH AND DRILL A 5 MM HOLE FOR THE RING SCREW. MARK UP THE 2 SCREW HOLES ON THE SCREW PLATE AND FASTEN THE CASEMENT FASTENER..

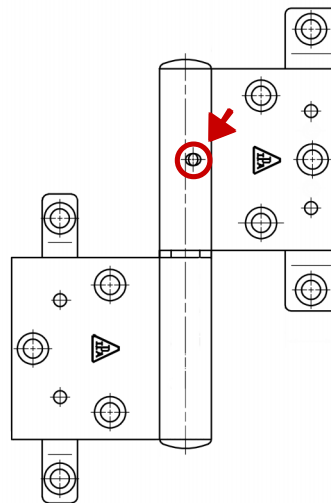


MAINTENANCE

LUBRICATION INSTRUCTIONS



IPA NO. 62544-52
IPA NO. 62570-75
IPA NO. 62586-88
IPA NO. 62695



IPA NR. 61574
IPA NR. 61598

GENERALLY all parts of a building have to be looked after and maintained from time to time. This of course also applies for fittings in windows and doors.

How often fittings in windows and doors should be maintained depends to a large extent on how they are used, how often they are operated, and not least on the environment the fittings are exposed to.

Corrosion may also be caused by other factors, such as corrosive liquids, air pollution etc. Special attention should be given to fittings used in windows and doors in urban and industrial areas or other areas with a high traffic intensity as well as coastal areas. Fittings in such environments should be checked and greased more often than fittings used in areas with less corrosive effects.

HINGES AND FITTINGS should be lubricated when necessary, or at the minimum twice a year.

SLIDING ELEMENTS AS WELL AS ALL ALURAILS with sliding surfaces are to be kept clean and free from dust and dirt to ensure a smooth sliding function. Stearin wax or a clean lubricating film (but no oil and no grease!) can be applied onto the aluminium rails.

ESPAGNOLETTES AND OTHER LOCKING FITTINGS should be greased or lubricated with acid free grease or acid free oil on spray. The grease/oil should be applied into the mechanism box as well as on the joints of the side bolts, the roller bolts, or the mushroom head bolts while activating the mechanism repeatedly. Grease or lubricate when necessary or at the minimum twice a year.

Continues.....



MAINTENANCE

LUBRICATION INSTRUCTIONS

BRASS will sooner or later get some discoloration in a brownish tone depending on the environment in which it is placed. The original brass surface can be maintained by polishing from time to time.

STAINLESS STEEL can get some discoloration, although this rarely happens. Different chemical influences like acid fumes, contamination from wood preservation treatments, or air pollution may cause discoloration of the metal, sometimes to a reddish tone which could look like rust. Thin discoloration can be removed just by using common cleaner or polish.

PAINTED FITTINGS will from time to time need repainting. Before painting all parts should be cleaned carefully. When choosing type of paint and when applying the paint remember to follow the instructions from the paint manufacturer very carefully.

When painting a wooden window in a house, it is a good idea also to paint the visible parts of the fittings (*please note: No alurails nor sliding parts should ever be painted!*). The painting of the fitting will minimize corrosion and add to the lifetime of the fitting. Always make sure that the proper function of a fitting is not affected by the painting.

ANODIZED ALUMINIUM should be cleaned from time to time, depending on the surroundings in which it is placed. Cleaning of the surface with a cloth or sponge is recommended. Eventually a neutral solvent can be used. Emery cloth, steel wool, sodium carbonate, and other cleansers or abrasives containing alkalies or acid should *never* be used.

ON THE WINDOW AND DOOR FACTORY SITE all fittings should be lubricated or greased before shipment. Hinges should be lubricated with acidfree oil while activating repeatedly, an acidfree grease can also be used. When using grease it should be applied directly onto the pin of the hinges. It may be necessary to dismantle the sash before greasing. Especially hinges with a brass pin should be greased. When mounting fittings, please make sure that the tools do not damage the original surface treatment. When original surface has been damaged make sure that remedial take place as soon as possible.

WHEN IN DOUBT PLEASE CONTACT YOUR LOCAL SUPPLIER OR A/S J. PETERSENS BESLAGFABRIK.

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[illegible]

NOTES

[illegible]



A/S J. PETERSENS BESLAGFABRIK

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ipa@ipafittings.com