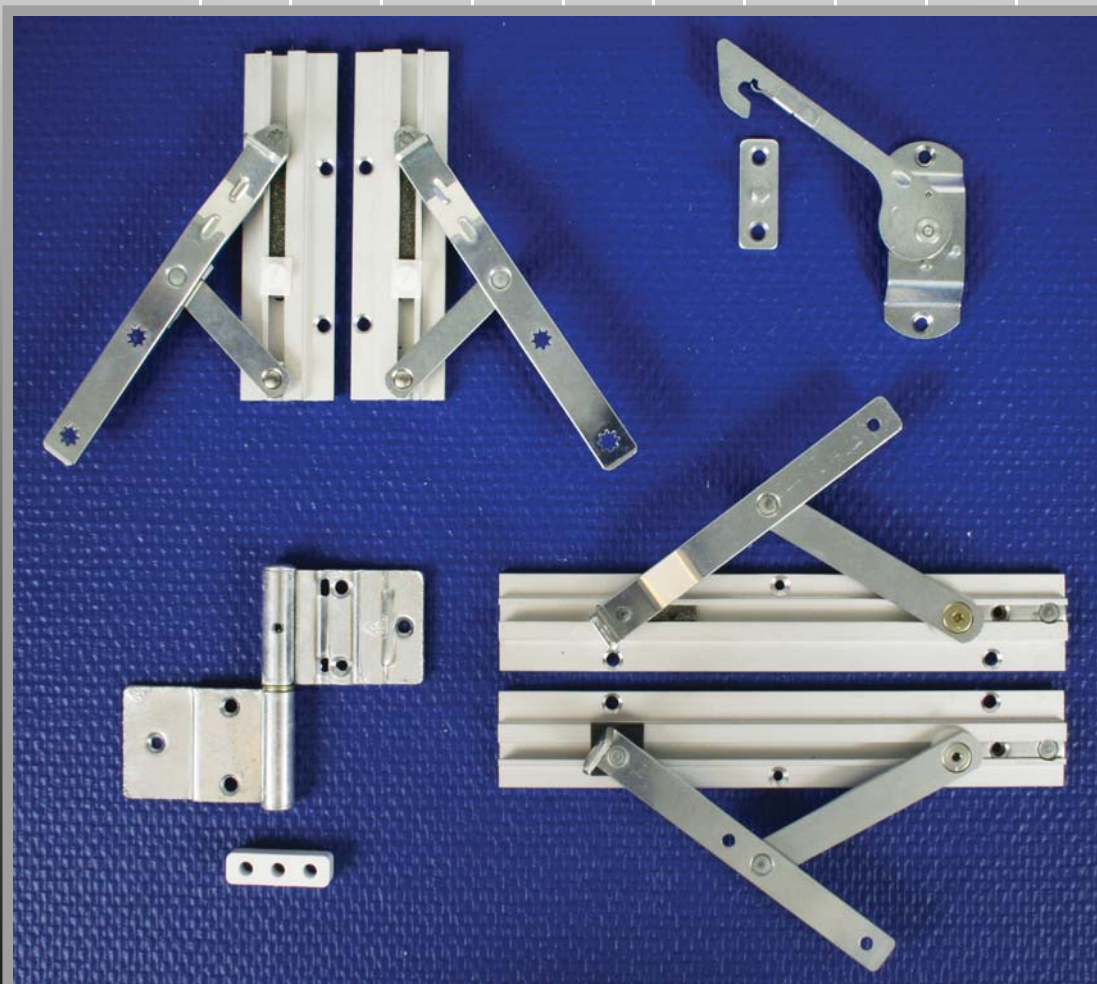


# IPA BESLAG FOR SCHÜCO ALU INSIDE NORDIC



2015



**A/S J. PETERSENS BESLAGFABRIK**

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# FITTINGS FOR SCHÜCO ALU INSIDE NORDIC

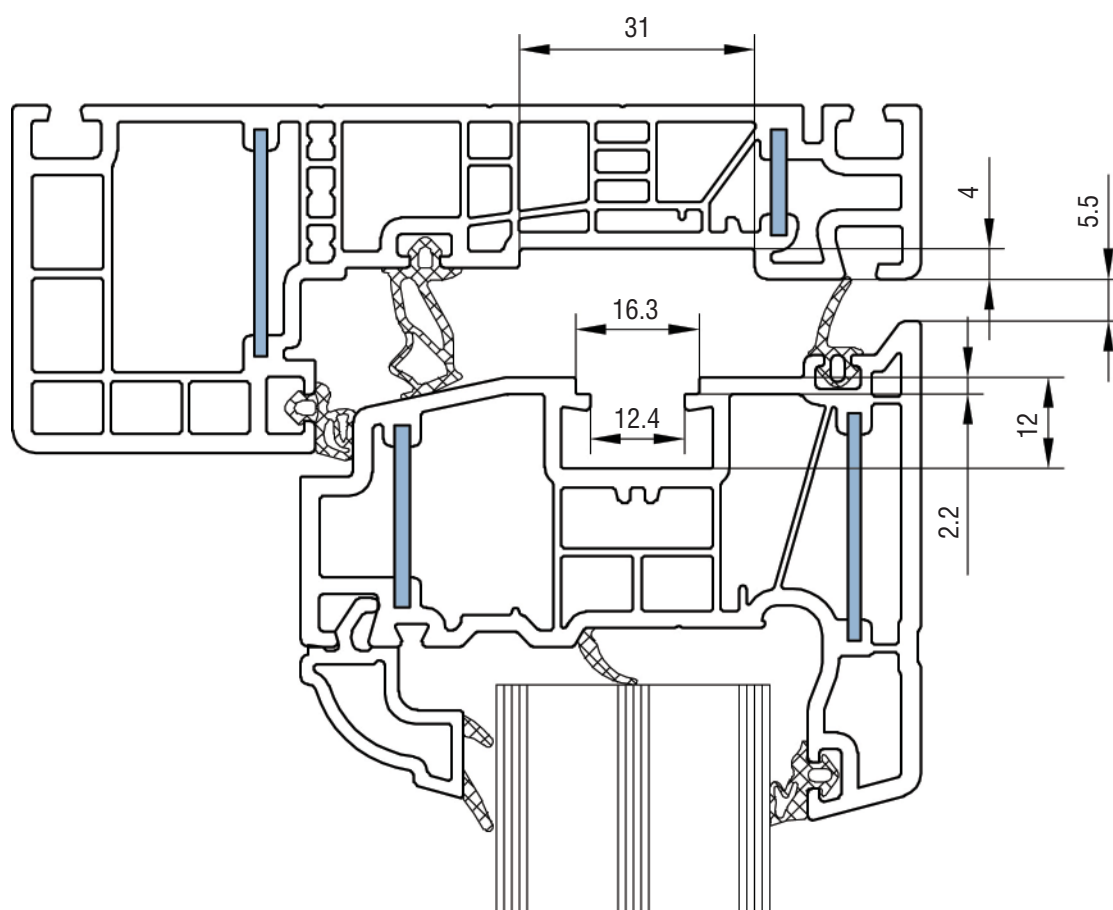
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# SCHÜCO ALU INSIDE NORDIC PROFILE





## **SCHÜCO ALU INSIDE NORDIC**



IPA HAS IN COORPORATION WITH SCHÜCO DEVELOPED A SERIES OF FITTINGS FOR THE SCHÜCO ALU INSIDE NORDIC PROFILE.



## SUGGESTION - NUMBER OF HINGES

The chart below shows the number of hinges, we suggest to use on different sizes of windows and doors. The chart 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.

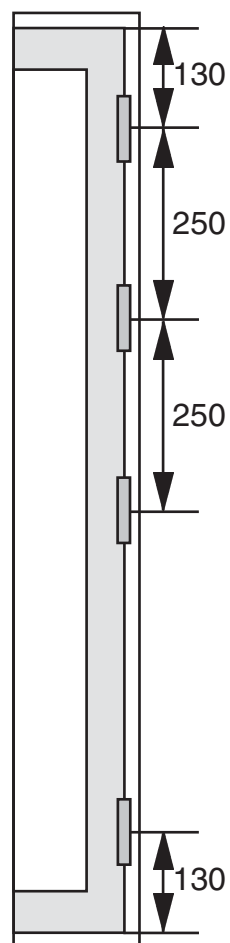
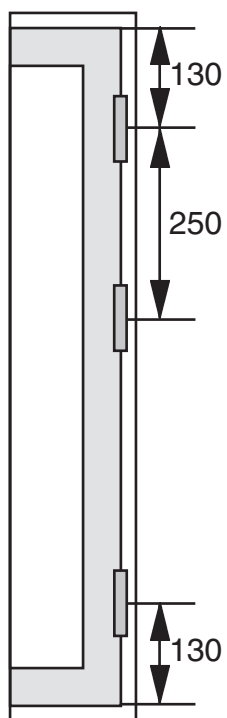
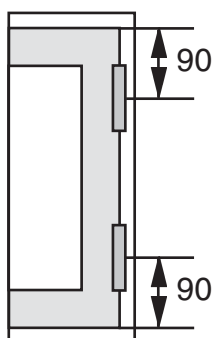
**WINDOW HINGES:** Valid for the window hinges shown in this catalogue.

All window hinges meet the requirements of class 9 (60 Kgs.) in accordance with DS/EN 1935. The numbers in brackets are the number of hinges needed 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)			



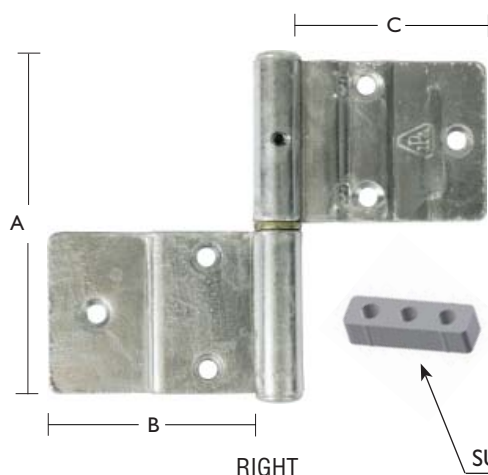
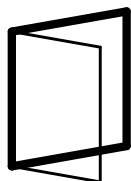
## SUGGESTION - HINGE POSITIONS





# WINDOW HINGE

## IPA No. 61474



SUPPORT BLOCK FOR SCREWS IS INCLUDED

ORDERING NO.													
IPA NO.	MATERIAL	SQUARE EDGES LEFT	SQUARE EDGES RIGHT	SURFACE	INDUSTRY PACKING IN BOXES OF 100 PCS.	A MM	B MM	C MM	MATERIALE MM	PIN MM	SCREW	APPROX. WEIGHT KGS / PC.	
	STEEL FIXED STEEL PIN			GALVANIZED									
61474	2	3	4	87	2	90	58.5	51	2,5	8	4,0	0,18	



## IPA No. 61474

# FITTING INSTRUCTIONS

SCHÜCO ALU INSIDE NORDIC:

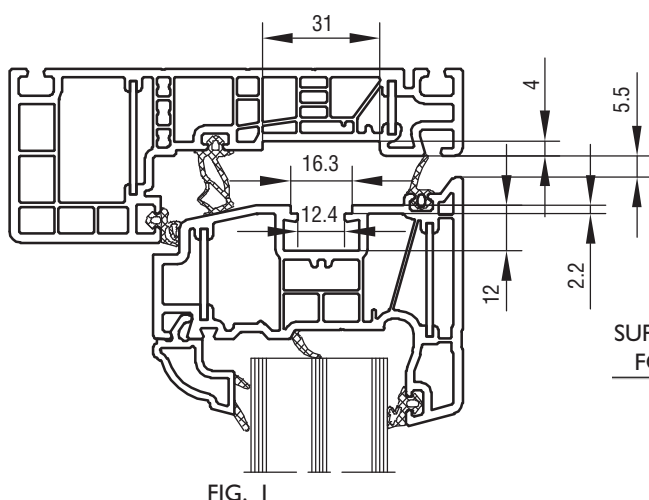


FIG. 1

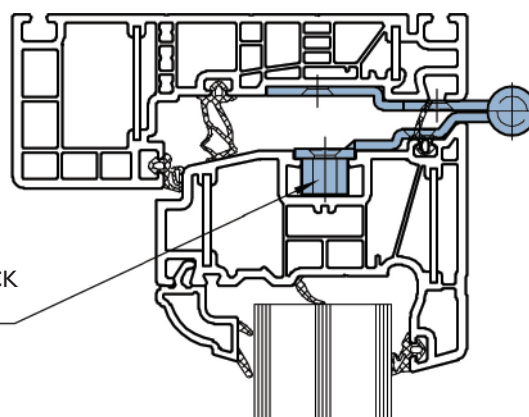


FIG. 2

USE SCREW NO. 4.0.

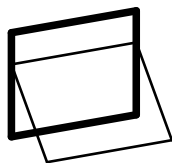
### MAINTENANCE:

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 23 - 24.





# CANOPY STAY WITH FRICTION IPA No. 62475



ORDERING NO.					A MM	B MM	SCREW	APPROX. WEIGHT KG / SET
IPA NO.	MATERIAL	W/O SPECIFICATION	SURFACE	STANDARD PACKING IN BOXES OF 5 SETS				
	STEEL		ELECTROPLATED					
62475	1	0	21	1	38,5	138	4,0	0,28

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



# IPA No. 62475 FITTING INSTRUCTIONS

SCHÜCO ALU INSIDE NORDIC:

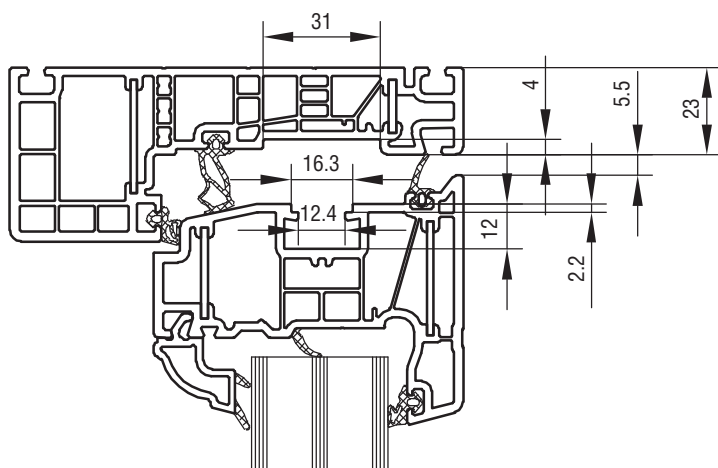


FIG. 1

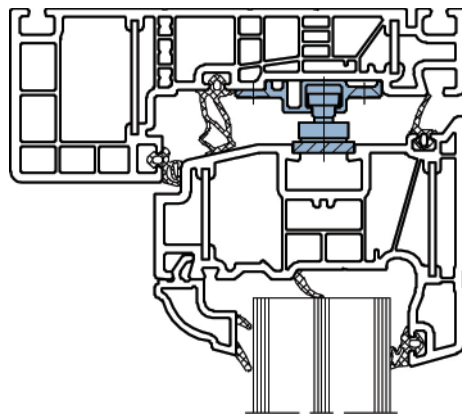


FIG. 2

IPA NO.	62475
MAX. SASH WEIGHT KGS	20
MAX. SASH HEIGHT MM	314
SCREW NO.	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 SCREWS.
2. OPEN THE FITTING AND PUSH THE SASH INTO ITS PLACE BY INSERTING IT BETWEEN THE FITTING PARTS, GUIDED BY THE GROOVES IN THE SASH, TILL THE SASH HITS THE STOPS OF THE FITTING. THIS LEAVES 5,5 MM BETWEEN SASH AND FRAME. 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.

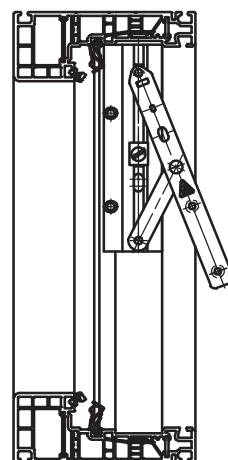


FIG. 3

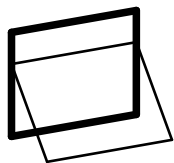
## MAINTENANCE:

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 23 - 24.



# ADJUSTABLE CANOPY STAY WITH FRICTION

## IPA No. 62486, 62487 & 62489



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							
62486	1	0	21	-	2	38,5	299	4,0	0,60	
62487	1	0	21	-	2	38,5	489	4,0	0,84	
62489	1	0	21	1	-	38,5	747	4,0	1,22	

- VERTICALLY ADJUSTABLE  $\pm 1.5$  MM
- CONCEALED FITTINGS
- ADJUSTABLE FRICTION
- ANODIZED ALUMINIUM RAILS
- THE MOVEMENT OF THE FITTING ENSURES MAXIMUM SEALING

FIRE-ESCAPE OPENING:  
PLEASE SEE [WWW.IPAFITTINGS.COM/RESCUE](http://WWW.IPAFITTINGS.COM/RESCUE)



# IPA No. 62486-87 & 62489 FITTING INSTRUCTIONS

SCHÜCO ALU  
INSIDE NORDIC:

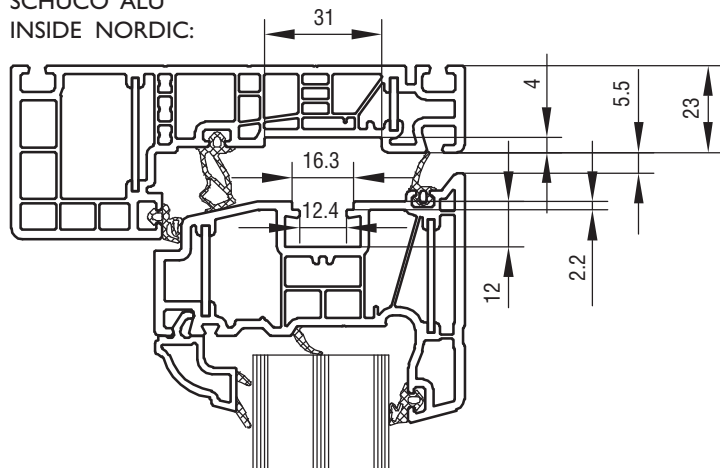


FIG. 1

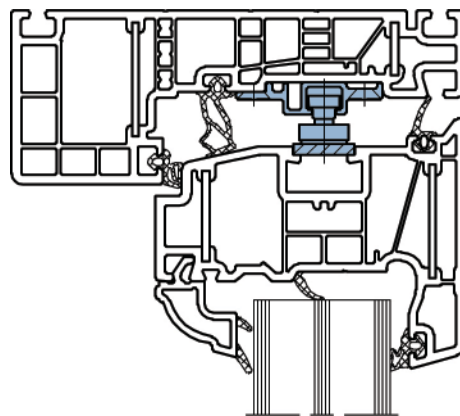


FIG. 2  
VERTICAL PLAN

IPA NO	62486	62487	62489
MAX. SASH WEIGHT KGS	40	50	70
MAX. FRAME HEIGHT MM	854	1354	1554
SCREW NO.	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 SCREWS.

2. OPEN THE FITTING AND PUSH THE SASH INTO ITS PLACE BY INSERTING IT BETWEEN THE FITTING PARTS, GUIDED BY THE GROOVES IN THE SASH, TILL THE SASH HITS THE STOPS OF THE FITTING. THIS LEAVES 5,5 MM BETWEEN SASH AND FRAME. FASTEN THE FITTING STARTING WITH THE SCREW IN THE STOP BRACKET.

FINALLY FASTEN THE STOP PLATE IN THE ALURAIL.

62487: FOR MAXIMUM FIRE-ESCAPE OPENING, MOUNT THE STOP PLATE THROUGH THE UPPER SCREW HOLE IN THE STOP PLATE. IF THE BOTTOM SCREW HOLE IS USED, THEN THE FIRE-ESCAPE OPENING IS REDUCED, BUT THE FITTING WILL CARRY UP TO 60 KGS.

62489: FOR MAXIMUM FIRE-ESCAPE OPENING, MOUNT THE STOP PLATE THROUGH THE UPPER SCREW HOLE IN THE STOP PLATE. IF THE MIDDLE OR LOWER SCREW HOLES IN THE STOP PLATE ARE USED THE FIRE-ESCAPE OPENING WILL BE REDUCED, BUT THE WEIGHT LIMIT IS RAISED.  
MIDDLE SCREW HOLE: MAX. 85 KGS. - LOWER SCREW HOLE: MAX. 100 KGS.

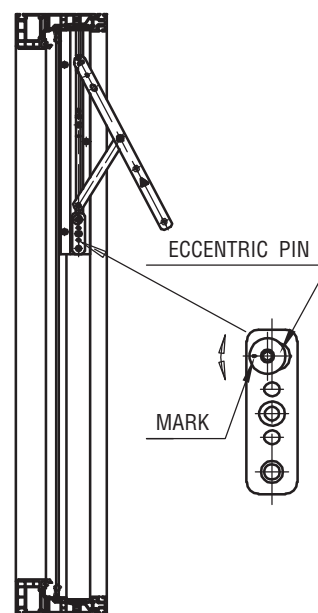


FIG. 3

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  $\pm 1.5$  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 PIN. ON DELIVERY THE MARK ON THE ECCENTRIC PIN IS IN A HORIZONTAL POSITION INDICATING THE 0-POSITION. WHEN THE MARK IS IN VERTICAL POSITION IN EITHER LEFT OR RIGHT SIDE, THE FITTING IS ADJUSTED TO IT'S MAX OF  $\pm 1.5$  MM. AFTER THE ADJUSTMENT THE MOUNTING SCREWS IN THE BOTTOM OF EACH SIDE ARE FASTENED.

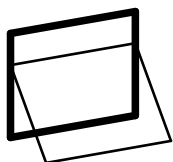
## MAINTENANCE:

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 23 - 24.



# ADJUSTABLE CANOPY STAY WITH ADJUSTABLE FRICTION

## IPA No. 62488



ORDERING NO.					A MM	B MM	SCREW	APPROX. WEIGHT KG / SET
IPA NO.	MATERIAL	W/O SPECIFICATION	SURFACE	STANDARD PACKING IN BOXES OF 5 SETS				
	STEEL		ELECTROPLATED					
62488	1	0	21	1	38,5	505	4,0	0,86

- VERTICALLY ADJUSTABLE  $\pm 1.5$  MM
- CONCEALED FITTINGS
- ADJUSTABLE DOUBLE FRICTION
- ANODIZED ALUMINIUM RAILS
- THE MOVEMENT OF THE FITTING ENSURES MAXIMUM SEALING
- THE MOVEMENT OF THE FITTING ENSURES BETTER FIRE-ESCAPE OPENING

FIRE-ESCAPE OPENING:  
PLEASE SEE [WWW.IPAFITTINGS.COM/RESCUE](http://WWW.IPAFITTINGS.COM/RESCUE)



# IPA No. 62488 FITTING INSTRUCTIONS

SCHÜCO ALU  
INSIDE NORDIC:

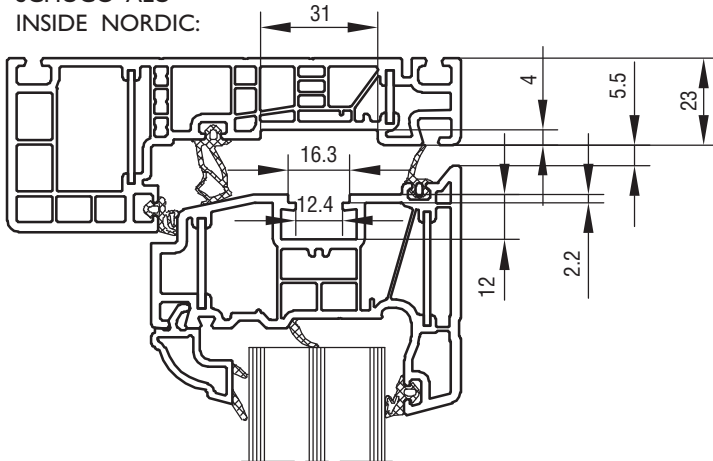


FIG. 1

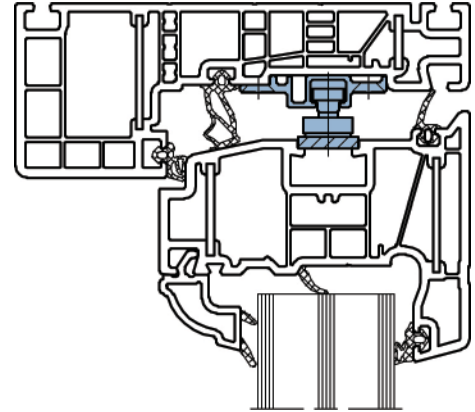


FIG. 2

VERTICAL PLAN

IPA NO.	62488
MAX. SASH WEIGHT KGS	50
MAX. FRAME HEIGHT MM	1154
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 SCREWS.
2. OPEN THE FITTING AND 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. THIS LEAVES 5,5 MM BETWEEN SASH AND FRAME. 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 MAKE SURE, THAT THE TOP GLIDER MOVES FIRST 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  $\pm 1.5$  MM UP OR DOWN. BEFORE ANY ADJUSTMENT THE MOUNTING SCREWS IN THE BOTTOM IN EACH SIDE OF THE FRAME HAVE TO BE LOOSENEED. THEN ADJUST BY USING A TORX-20 KEY TO TURN THE ECCENTRIC PIN. ON DELIVERY THE MARK ON THE ECCENTRIC PIN IS IN A HORIZONTAL POSITION INDICATING THE 0-POSITION. WHEN THE MARK IS IN VERTICAL POSITION IN EITHER LEFT OR RIGHT SIDE, THE FITTING IS ADJUSTED TO IT'S MAX OF  $\pm 1.5$  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 23 - 24.

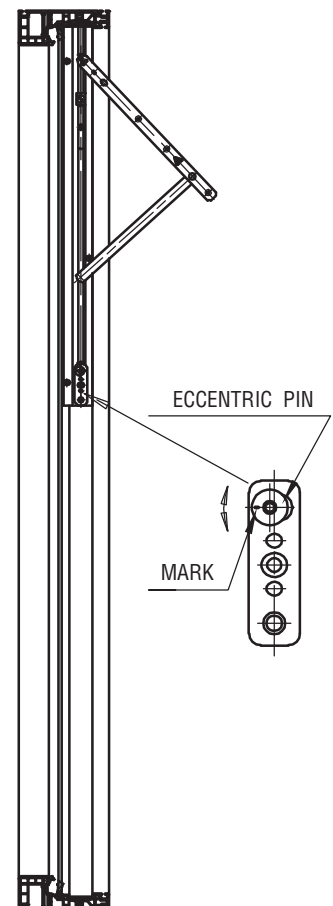
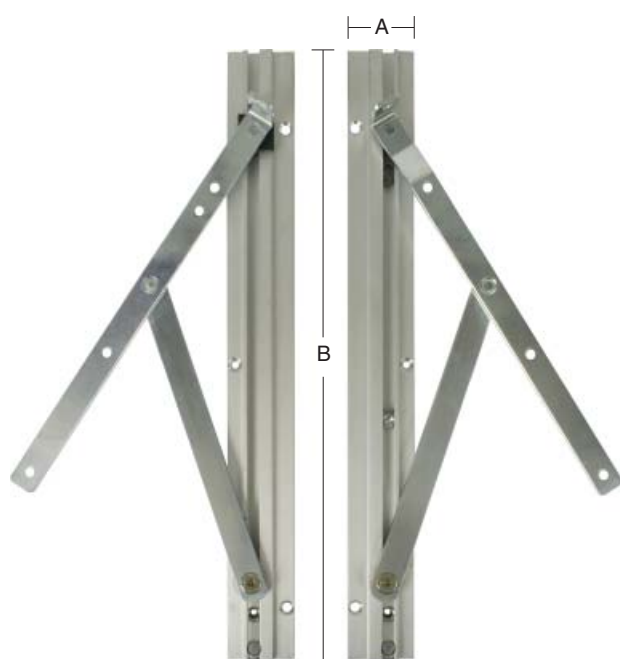
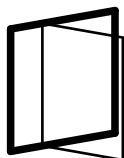


FIG. 3



# SIDE SWING WINDOW 90° WITH FRICTION IPA No. 62496-97 - Adjustable



ORDERING NO.									
IPA NO.	MATERIAL	LEFT	RIGHT	SURFACE	STANDARD PACKING IN BOXES OF 5 SETS	A MM	B MM	SCREW	APPROX. WEIGHT KG / SET
	STEEL			ELECTROPLATED					
62496	1	7	8	21	1	38,5	229,5	4,0	0,40
62497	1	7	8	21	1	38,5	350,5	4,0	0,63

- HORIZONTAL ADJUSTABLE  $\pm 1.5$  MM
- CONVENIENT FOR CLEANING
- OPENS UP TO 90°
- MAXIMUM VENTILATION
- CONCEALED FITTINGS
- ANODIZED ALUMINIUM RAILS
- OPENS CLEAR FROM CURTAINS AND WINDOW FRAME

FIRE-ESCAPE OPENING:  
PLEASE SEE [WWW.IPAFITTINGS.COM/RESCUE](http://WWW.IPAFITTINGS.COM/RESCUE)



# IPA No. 62496-97 FITTING INSTRUCTIONS

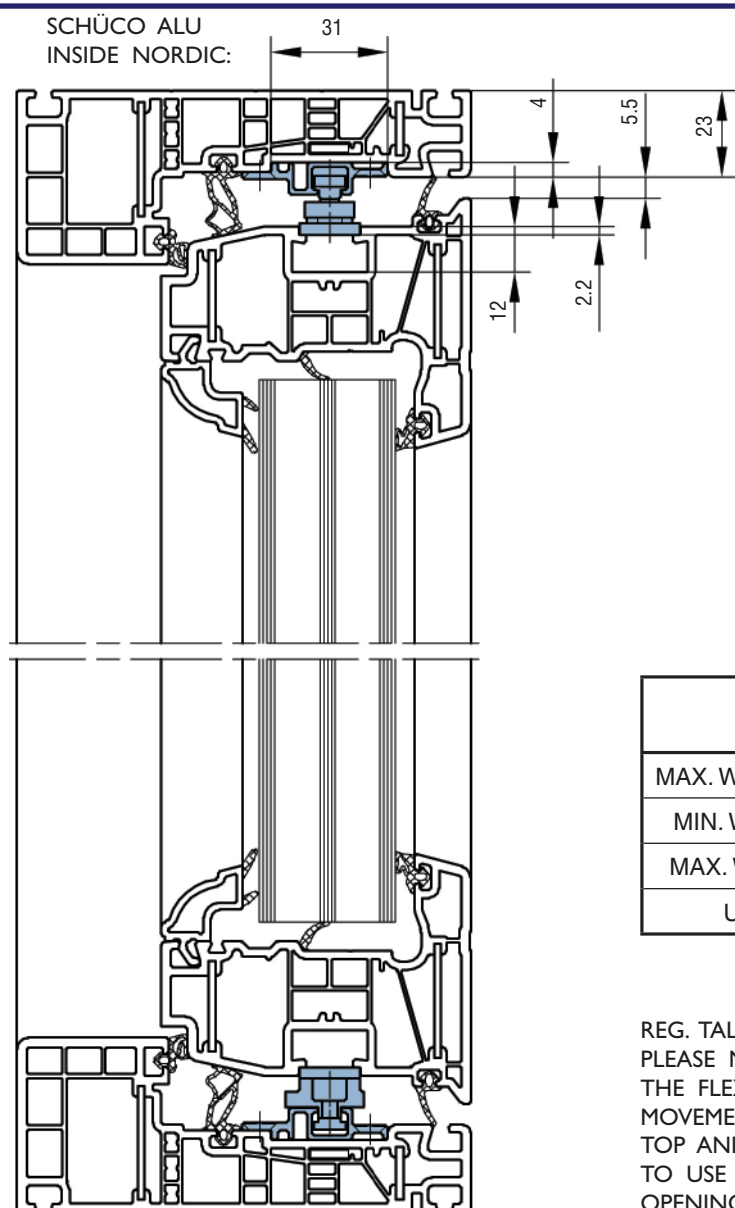


FIG. 1  
VERTICAL PLAN

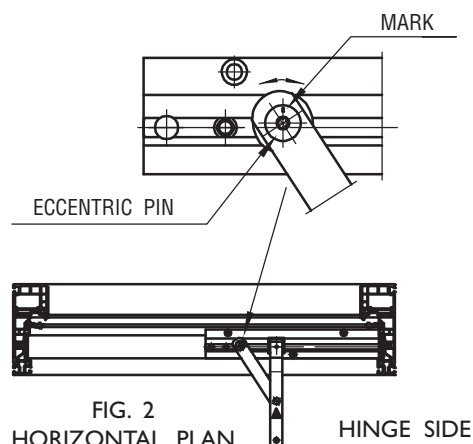


FIG. 2  
HORIZONTAL PLAN

FITTING SHOWN IN FRAME CILL

RIGHT HAND ILLUSTRATION

IPA NO.	62496	62497
MAX. WEIGHT OF SASH KGS	20	40
MIN. WIDTH OF SASH MM	215	342
MAX. WIDTH OF SASH MM	336	842
USE SCREW NO.	4.0	4.0

FIG. 3

REG. TALL AND NARROW WINDOWS:  
PLEASE NOTICE THAT ON TALL AND NARROW SASHES THE FLEXIBILITY OF THE MATERIAL MAY EFFECT THE MOVEMENT OF THE FITTING'S SLIDING ELEMENTS IN TOP AND BOTTOM. THEREFORE IT CAN BE NECESSARY TO USE BOTH HANDS TO STABILIZE THE SASH WHEN OPENING THE WINDOW.  
THESE FITTINGS ARE NOT SUITABLE FOR DOOR HEIGHT WINDOWS.

## FITTING:

1. THE FITTING SHOULD BE POSITIONED IN THE GROOVES IN TOP AND BOTTOM OF FRAME AGAINST THE SIDE FRAME AND FASTENED (FIGURE 1 AND 2).
2. OPEN THE FITTING AND PUSH THE WINDOW SASH INTO POSITION BETWEEN THE 2 FITTING PARTS AGAINST THE ANGLE AND FASTEN THE SCREWS. START WITH THE SCREW IN THE ANGLE.
3. THE OPENING BETWEEN SASH AND FRAME CAN BE ADJUSTED BY MEANS OF THE ECCENTRIC PIN - USE A TORX-20 KEY. ON DELIVERY THE ADJUSTMENT IS IN NEUTRAL POSITION, SEE THE MARK ON THE PIN. THE PIN CAN BE TURNED 90° TO EITHER SIDE, WHICH GIVES AN ADJUSTMENT OF  $\pm 0.5$  MM.

## MAINTENANCE:

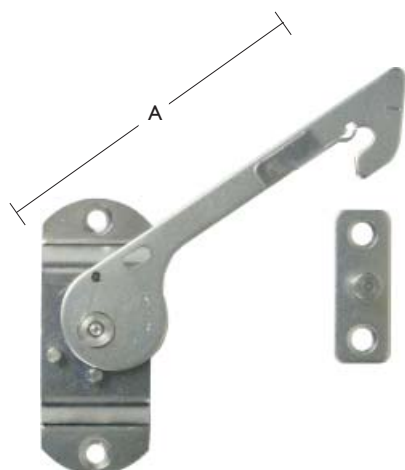
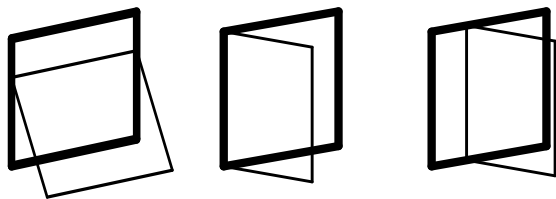
THE FITTINGS ARE NOT TO BE PAINTED. TEST THE OPERATION FROM TIME TO TIME. WHEN FITTING - LUBRICATE THE PIVOT/MOVABLE METAL PARTS OF THE MECHANISM WHILE ACTIVATING REPEATEDLY. HEREAFTER LUBRICATE MINIMUM TWICE A YEAR. DO NOT LUBRICATE THE ALUMINIUM RAILS. SEE ALSO INSTRUCTIONS ON PAGE 23 - 24.





# SAFETY CATCH

## IPA No. 62436



1 SET  
RIGHT

ORDERING NO.								
IPA NO.	MATERIAL			SURFACE	INDUSTRY PACKING IN BOXES OF 25 SETS	A MM	SCREW	APPROX. WEIGHT KG / SET
	STEEL			ELECTROPLATED				
62436	1	7	8	21	2	92	4,0	0,08



# IPA No. 62436 FITTING INSTRUCTIONS

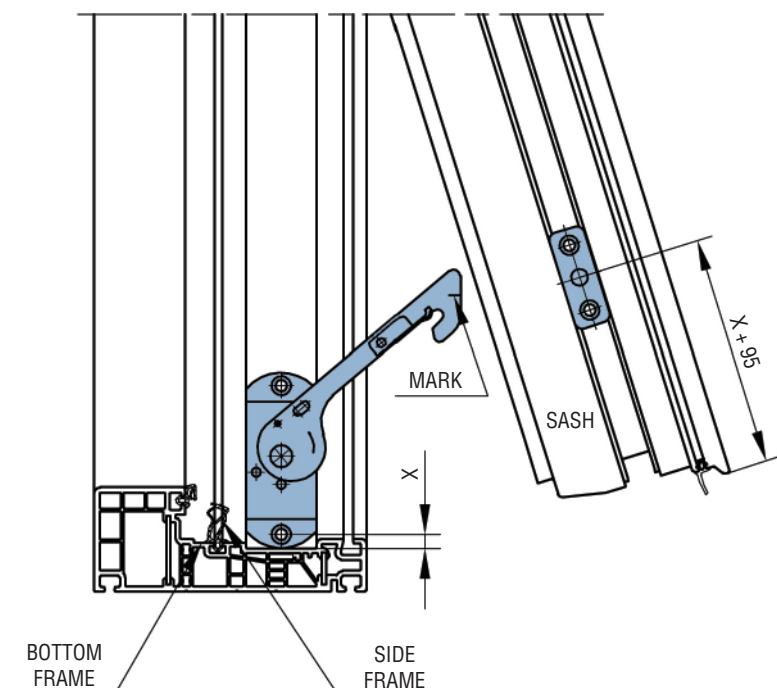


FIG. 1  
RIGHT HAND ILLUSTRATION  
(SEEN FROM THE OUTSIDE)

SCHÜCO ALU INSIDE NORDIC:

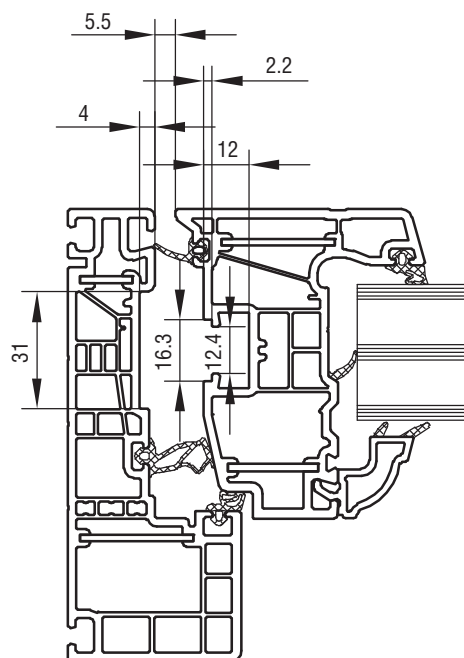


FIG. 2

THE FITTING CAN BE USED ON BOTH SIDEHUNG/SIDE SWING AS WELL AS TOPHUNG/CANOPY STAY WINDOWS. ON TOPHUNG/CANOPY STAY 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/SIDE SWING WINDOWS THE RESTRICTOR IS PLACED IN BOTTOM FRAME ON THE OPPOSITE SIDE OF THE HINGES/FITTINGS AND THE RECEIVER IS PLACED ACCORDINGLY IN THE BOTTOM SASH.

X-DIMENSION IS OPTIONAL. BY USING LARGER X-DIMENSION THE OPENING WILL BE EXTENDED.

**IMPORTANT:** THE RECEIVER MUST BE MOUNTED SO THAT THE PIN HITS THE MARK ON THE RESTRICTOR ARM WHEN CLOSING THE WINDOW. 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 IN THE DIRECTION OF THE ARROW AS YOU OPEN THE WINDOW.
4. WHEN THE WINDOW IS CLOSED THE RESTRICTOR RE-ENGAGES AUTOMATICALLY.

USE SCREW NO. 4.0

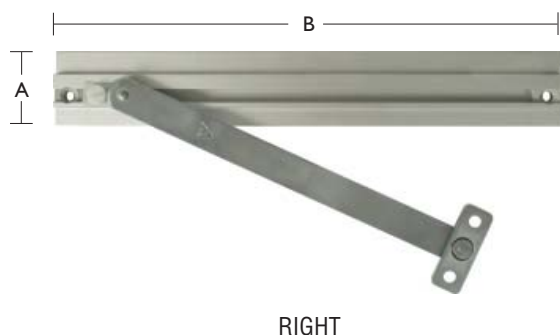
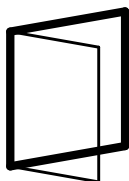
## MAINTENANCE:

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 23 - 24.



# FRICTION STAY for windows

## IPA No. 62427



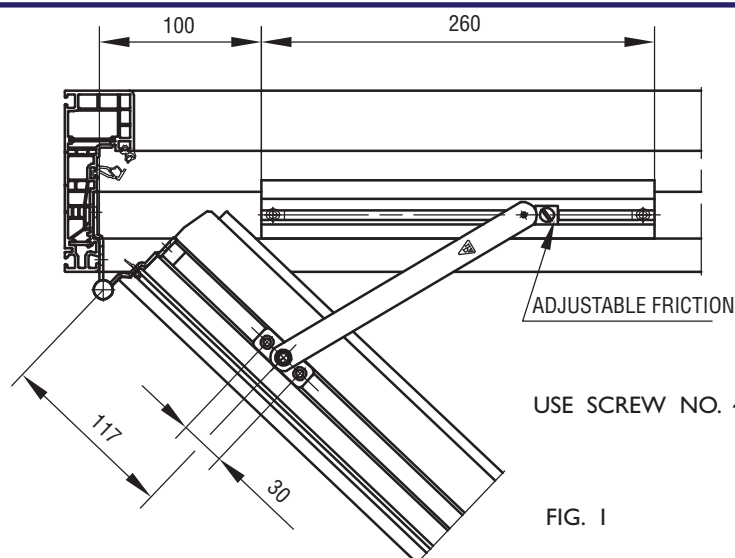
ORDERING NO.										
IPA NO.	MATERIAL			SURFACE		A MM	B MM	MATERIAL MM	SCREW	APPROX. WEIGHT KG / PC.
	STEEL			ELECTROPLATED	STANDARD PACKING IN BOXES OF 25 PIECES					
62427	1	7	8	21	1	38,5	260	17 X 3	4,0	0,08

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

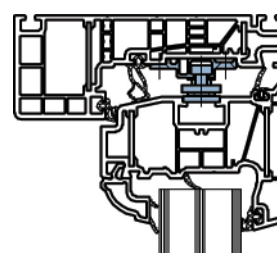
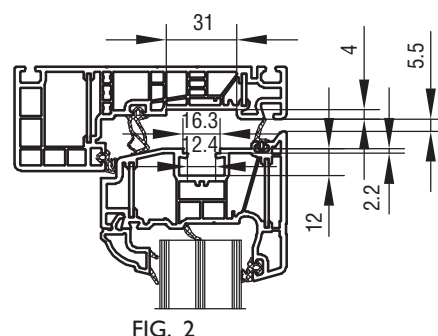


## IPA No. 61474

# FITTING INSTRUCTIONS



SCHÜCO ALU INSIDE NORDIC:



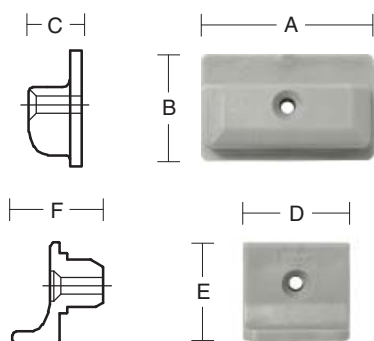
### MAINTENANCE:

THE FITTING IS 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 23 - 24.

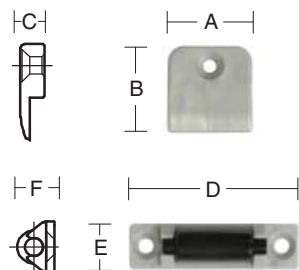
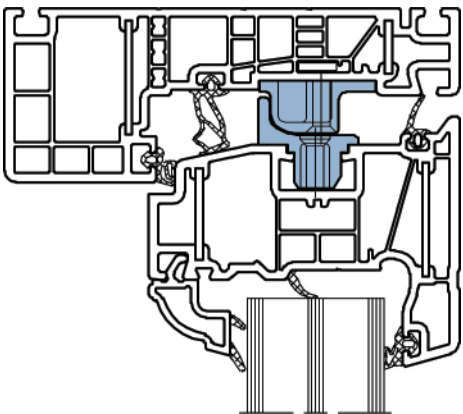


# ACCESSORIES

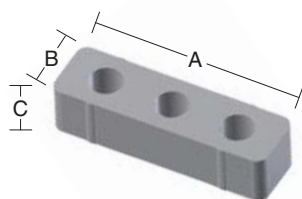
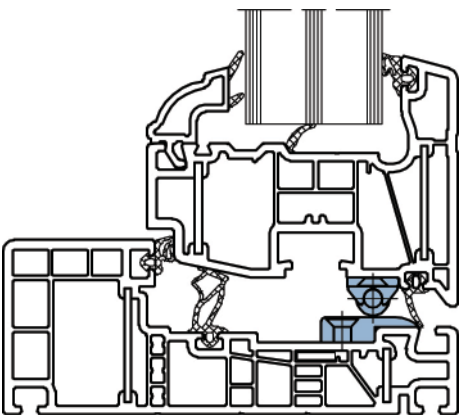
## IPA No. 62422, 62426 & 62433



**62422**  
LOCKING BLOCK



**62426**  
ROLLER BLOCK

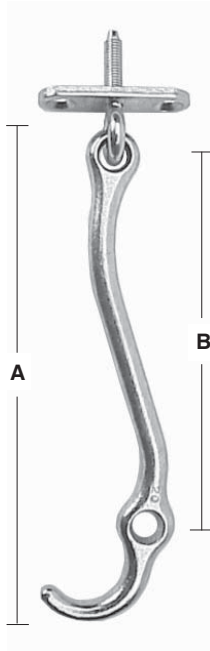


**62433**  
SUPPORT BLOCK FOR SCREWS

ORDERING NO.														
IPA NO.	MATERIAL	W/O SPECIFICATION	SURFACE		STANDARD PACKING IN BOXES OF 100 PIECES	INDUSTRY PACKING IN BOXES OF 100 PIECES	A MM	B MM	C MM	D MM	E MM	F MM	SCREW	APPROX. WEIGHT KG / 100 PIECES.
	PLASTIC		GREY	WHITE										
62422	0	0	00	-	1	-	50	30,5	14	29,5	26,5	24	4,0	1,6
62426	0	0	00	-	1	-	25	25,5	6,5	50	13,5	10	4,0	0,6
62433	9	0	-	56	-	2	42	12,5	9,5	-	-	-	-	0,4

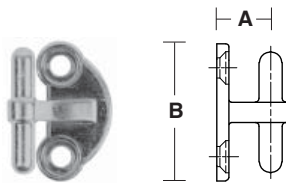


# CASEMENT HOOKS & CASEMENT FASTENERS



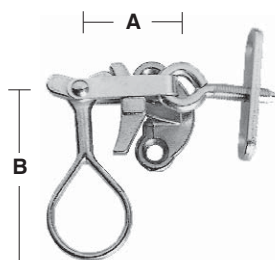
21371

ORDERING NO.									
IPA NO.	MATERIAL	W/O SPECIFICATION	SURFACE		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					
21371	0	0	06	21	2	130	95	6	6,0



21382

ORDERING NO.										
IPA NO.	MATERIAL	SURFACE		STANDARD PACKING IN BOXES OF 50 PIECES	INDUSTRY PACKING IN BOXES OF 500 PIECES	A MM	B MM	PIN MM	SCREW	APPROX. WEIGHT KG / 100 PIECES
	STEEL	W/O SPECIFICATION	ELECTROPLATED / WHITE							
21382	1	0	-	21	1	13,3	34	5,6	3,5	0,75
	1	0	06	-	2					



21396

ORDERING NO.										
IPA NO.	MATERIAL			SURFACE		INDUSTRY PACKING IN BOXES OF 500 PIECES	A MM	B MM	SCREW	APPROX. WEIGHT KG / 100 PIECES
	STEEL	W/O SPECIFICATION	ELECTROPLATED / WHITE	ELECTROPLATED						
21396	1	0	06	21	2	24	50	3,5	5,0	



# FITTING INSTRUCTIONS

## IPA NO. 21371 + 21382

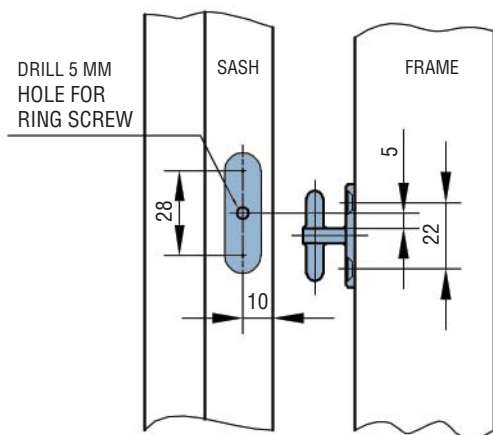


FIG. 1  
IPA NO. 21382

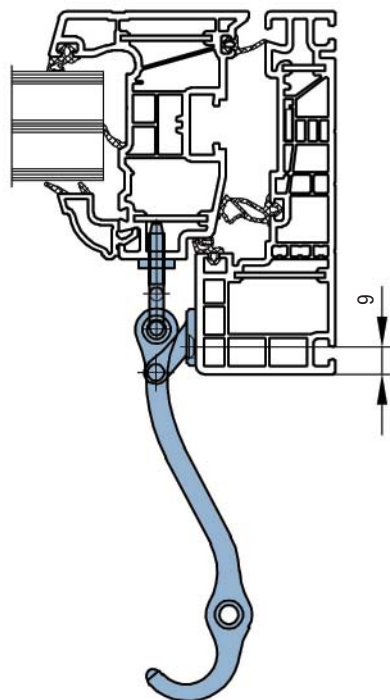
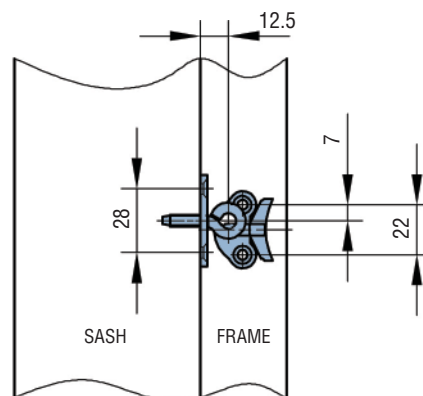
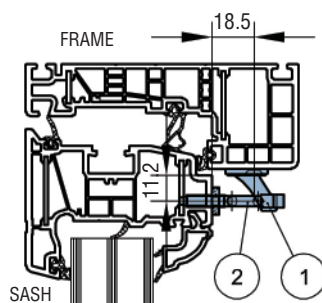
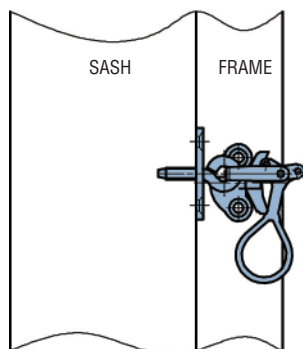


FIG. 2  
IPA NO. 21371 WITH 21382

## IPA NO. 21396



### FITTING:

1. MOUNT THE RECEIVER ① IN THE WANTED HEIGHT ON THE SIDE FRAME.

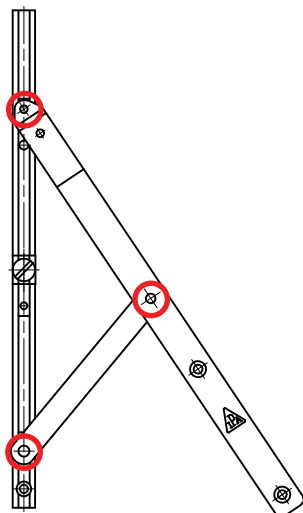
2. FOR CASEMENT FASTENERS WITH SCREW PLATE ② MEASURE PRECISELY ON THE SASH AND PRE-DRILL FOR THE RING SCREW. MARK UP THE 2 SCREW HOLES ON THE SCREW PLATE AND FASTEN THE CASEMENT FASTENER.



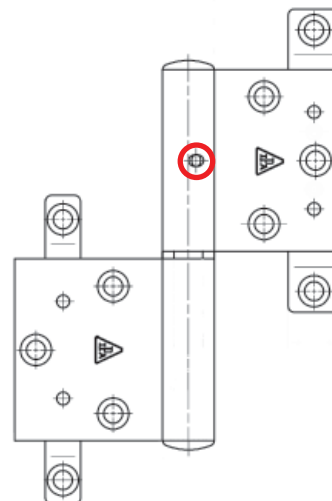
# MAINTENANCE

## LUBRICATION INSTRUCTIONS

CANOPY STAYS



HINGES



**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.

**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.

Continues.....



# MAINTENANCE

## LUBRICATION INSTRUCTIONS

**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 measures take place as soon as possible.

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





## NOTES

[illegible]

## NOTES

[illegible]





## **A/S J. PETERSENS BESLAGFABRIK**

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