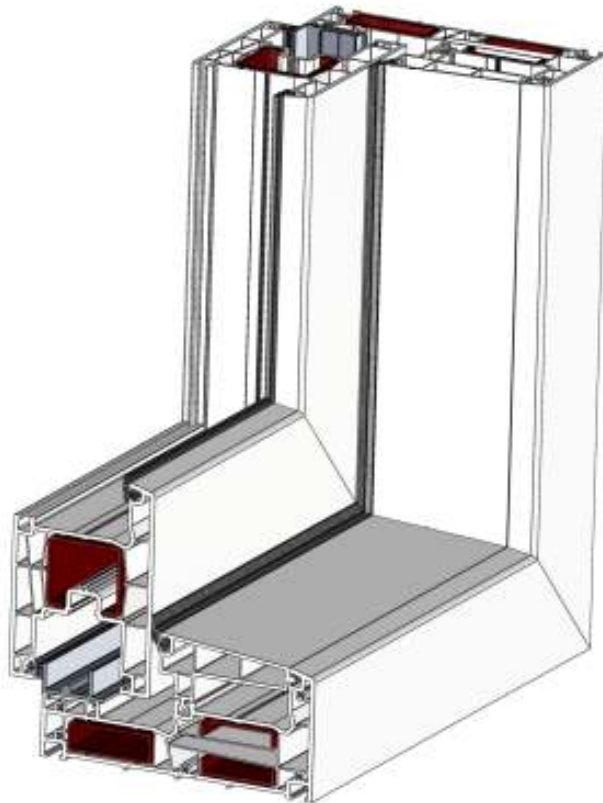




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# TECHNICAL CATALOGUE

## Technical Informations



### TECHNICAL INFORMATION

FRAME DEPTH	147 mm
FRAME OUTSIDE HEIGHT	66 mm
SASH DEPTH	76 mm
SASH OUTSIDE HEIGHT	107 mm
GLASS THICKNESS MINIMUM	24 mm
GLASS THICKNESS MAXIMUM	50 mm
NUMBER OF CHAMBER	5

### GENERAL INFORMATION

Designed new generation insulated Inova PVC sliding that you have a perspective that will make you forget all the sliding system applications you have seen so far. Inova new generation insulated sliding provides high insulation and sealing performance together with its new design, it will provide you with a wider living area.

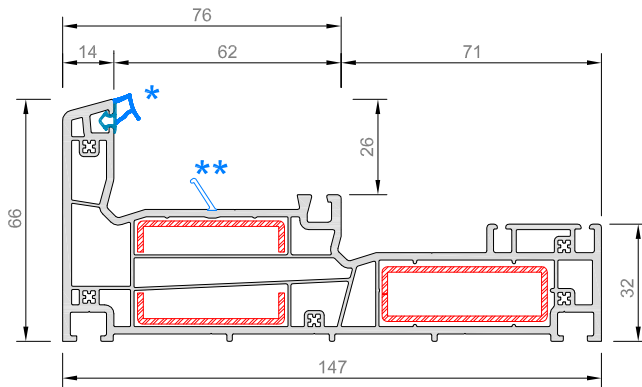
While designing the Inova sliding system, every detail of all sliding systems was examined. *This new product to be designed is easy to manufacture and it can be easily installed, useful, has high sealing values and high wind resistance targeted to be.* New generation insulated Inova PVC sliding is designed with Considering these goals, the experience gained from international experiences in accordance and international standards. With the imported hardware accessories specially designed for this product, wing opening and closing functions are provided to be easy and comfortable. It also provides positive controlled equal (balanced) closing movement to the sash with the help of peripheral locking points. Thanks to the comfortable use of the handle, even on heavy sash, it has the opportunity to open easily without the sash being lifted up. Inova sliding door and window applications provide you maximum visibility with its aesthetic and stylish design. It has rich lamination foil color alternatives that will adapt to any decoration in architectural projects.

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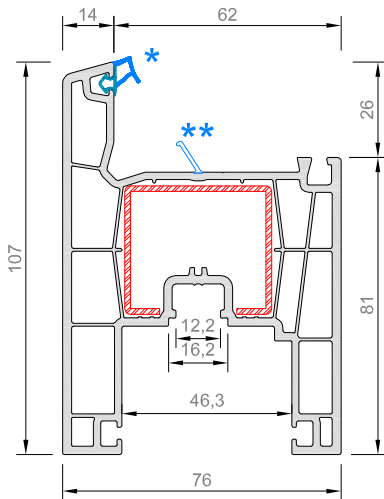
Note

1471E FRAME



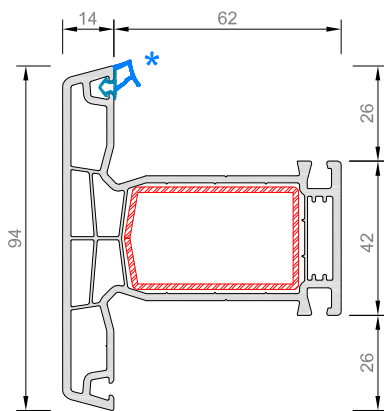
Product Code	Ix (cm <sup>4</sup> )	Iy (cm <sup>4</sup> )	Type	S (mm)
DS01091-1	0,032	1,32		1,25
DS01091-2	0,038	1,54		1,5
DS01091-3	0,047	1,94		2,0
DS01089-1K	0,57	3,32		1,25
DS01089-2K	0,65	3,87		1,5
DS01089-3K	0,79	4,89		2,0

1472E SASH

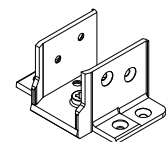


Product Code	Ix (cm <sup>4</sup> )	Iy (cm <sup>4</sup> )	Type	S (mm)
DS01092-1	2,65	4,24		1,25
DS01092-2	3,09	4,97		1,5
DS01092-3	3,90	6,33		2,0

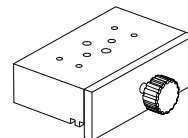
7636AE MULLION



Product Code	Ix (cm <sup>4</sup> )	Iy (cm <sup>4</sup> )	Type	S (mm)
DS01093-1K	2,35	5,14		1,25
DS01093-2K	2,75	6,05		1,5
DS01093-3K	3,48	7,73		2,0



OB01028



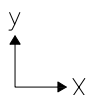
SB01005

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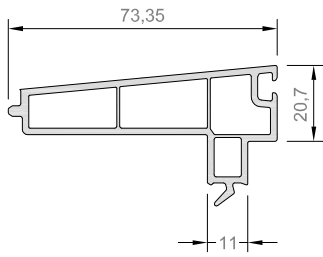
\* Black / Grey Gasket \*\*Optional middle gasket

Scale 1:2

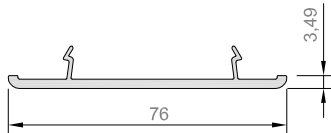
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## 1473 FIX FRAME COVER

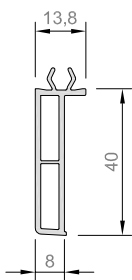


## 1474 SASH COVER



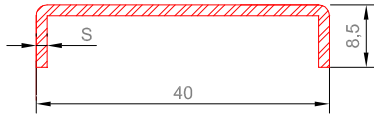
## AUXILIARY PROFILES

### 7278 MASK

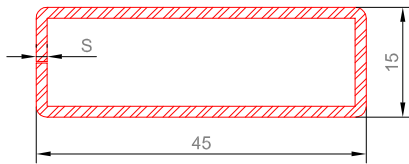


FOR MAIN PROFILES

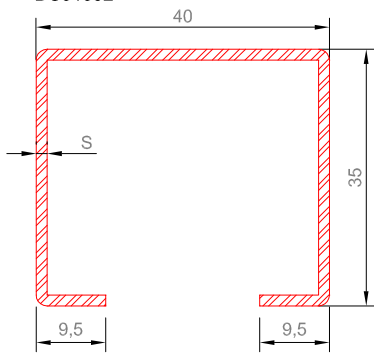
DS01091



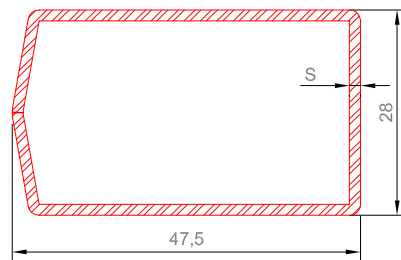
DS01089-K



DS01092



DS01093-K



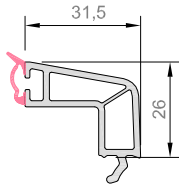
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Scale 1:2

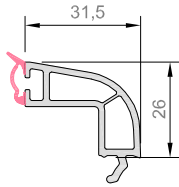
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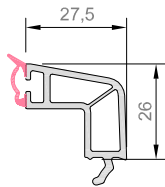
# INOVA SLIDING / Glazing Beads



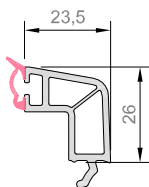
DOUBLE GLAZING BEAD 24 mm  
7651



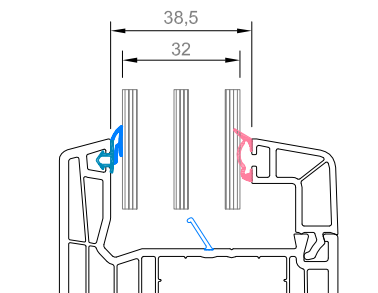
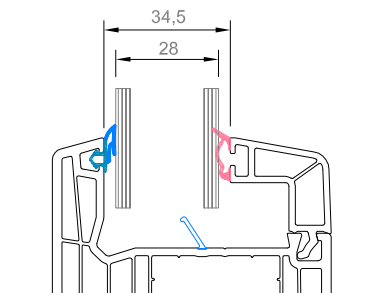
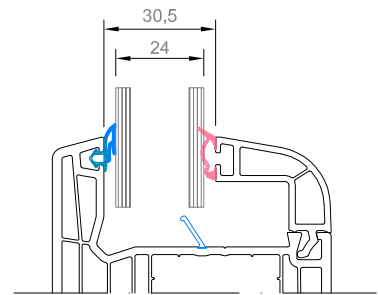
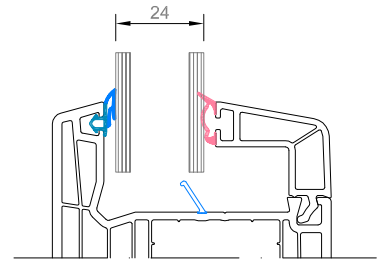
DOUBLE GLAZING BEAD 24 mm  
7652



DOUBLE GLAZING BEAD 28 mm  
7653

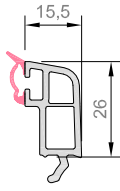


TRIPLE GLAZING BEAD 32 mm  
7654

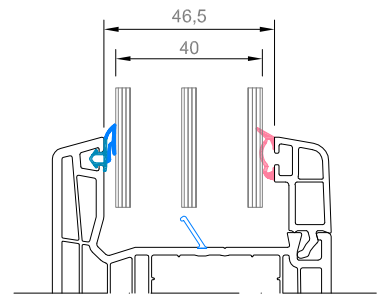


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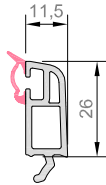




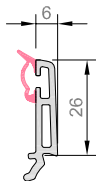
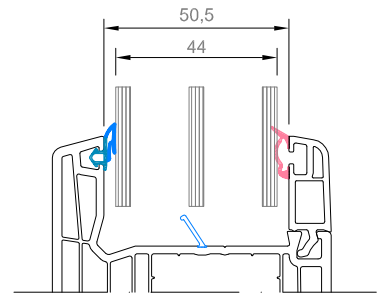
TRIPLE GLAZING BEAD 40 mm  
7655



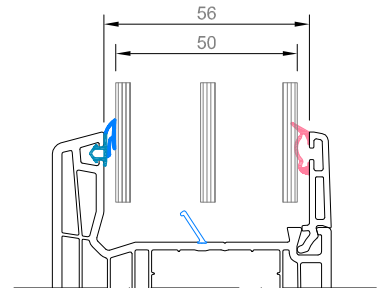
3.  
2



TRIPLE GLAZING BEAD 44 mm  
7656

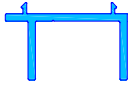


TRIPLE GLAZING BEAD 50 mm  
7657



## ALUMINIUM PROFILES

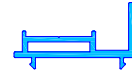
A016689  
1471E- FRAME  
TOP GUIDE



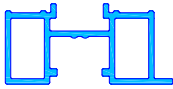
A016690  
1471E FRAME UNDER  
GUIDE- RAIL



A016691  
1471E FRAME  
ESPAGNOLETTE GUIDE



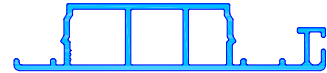
A016692  
1472E SASH ESPAGNOLETTE  
EXTENSION



A017031  
1471E FRAME BOTTOM  
WET AREA COVER



A017270  
1472E SASH VERTICAL  
ALUMINIUM COVER



4.  
1

## GASKETS

CC01022  
COVER GASKET EPDM



CC01015  
SASH GASKET EPDM



CC01009N  
FRAME GASKET EPDM



TPV GLAZING GASKET



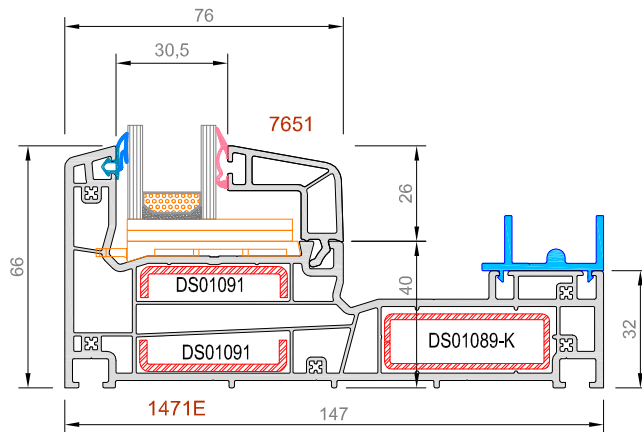
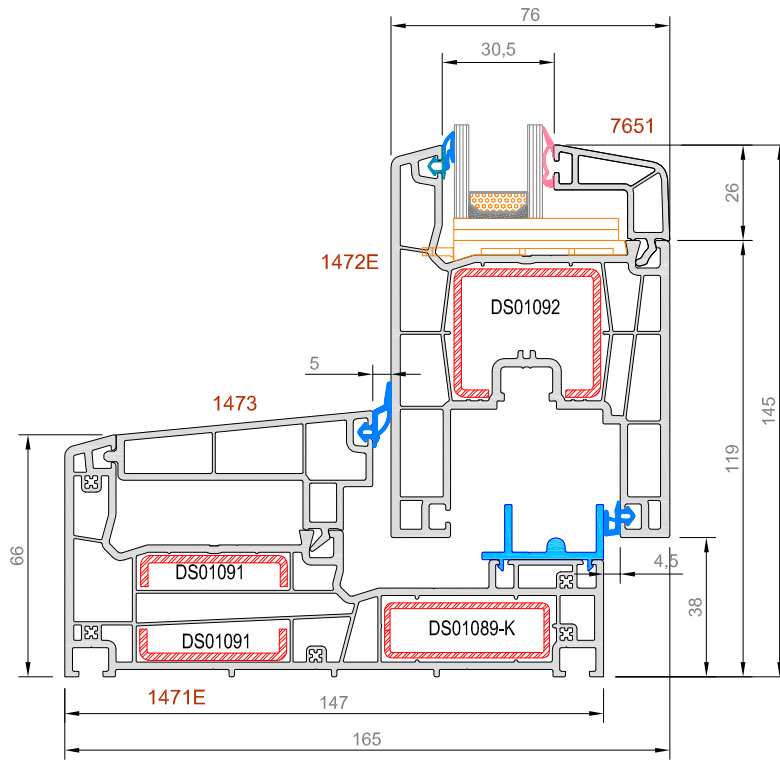
# INOVA SLIDING / Production Chart

Inova Sliding Production Chart

PROFILE CODE	PROFILE PICTURE	CUTTING ANGLE (45°/90°)	MATERIAL	DESCRIPTION
1471E			PVC	Frame
DS01091			STEEL	Frame Reinforcement
DS01089			STEEL	Frame Reinforcement
1472E			PVC	Sash
DS01092			STEEL	Sash Reinforcement
7636AE			PVC	Mullion
DS01093			STEEL	Mullion Reinforcement
1473			PVC	Fix Frame Cover
7651			PVC	24mm Double Glazing Bead
A016689			ALUMINIUM	Top Guide
A016690			ALUMINIUM	Under Rail
A016691			ALUMINIUM	Espagnolette Inova Locking Plate Guide
A016692			ALUMINIUM	Espagnolette Extension
A017031			ALUMINIUM	Bottom Wet Area Cover Profile
1474			PVC	Sash Cover Profile
A017270			ALUMINIUM	1472E Inova Sliding Sash Vertical Cover Profile

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# INOVA SLIDING / Section Details

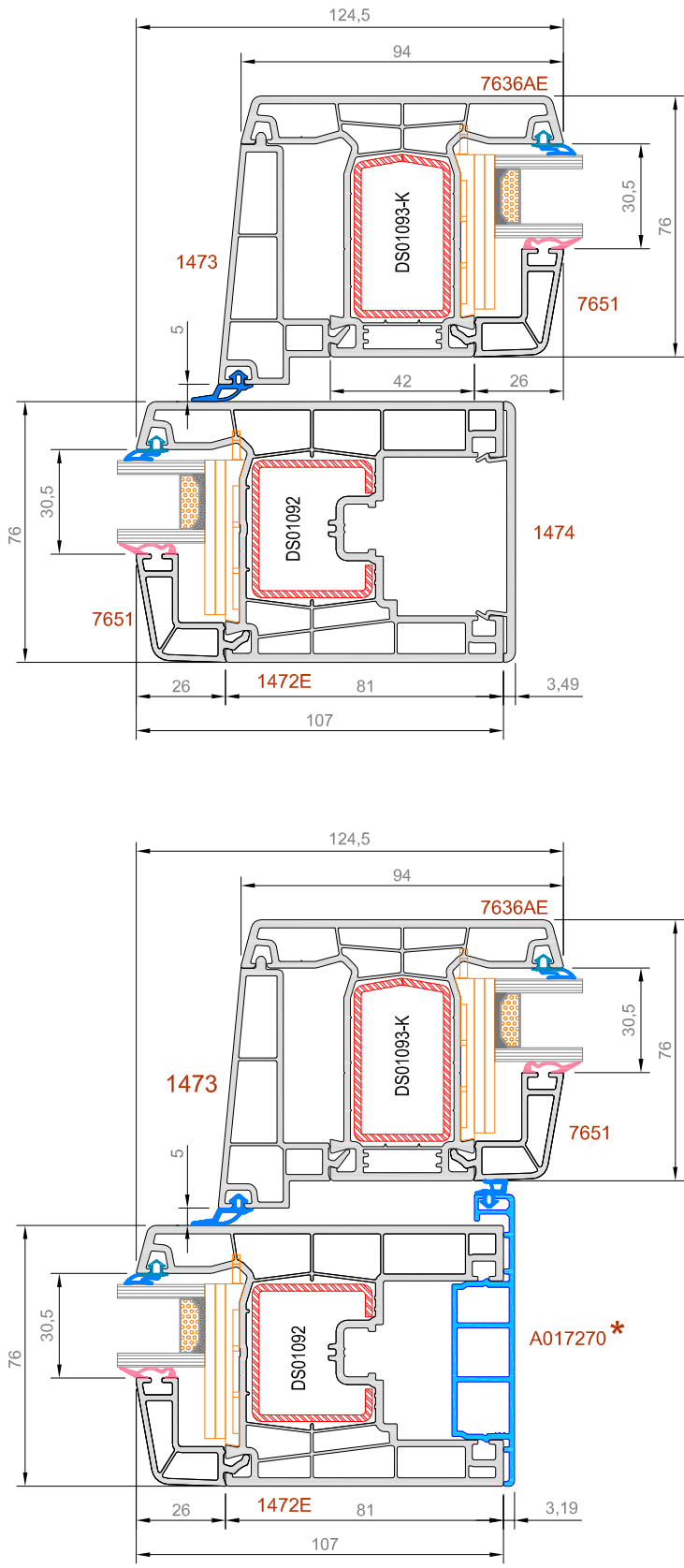


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Scale 1:2

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# INOVA SLIDING / Section Details



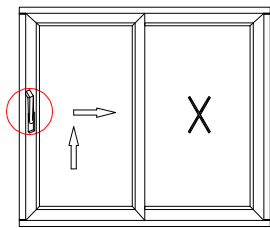
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\* Aluminum sash cover profile is optional.

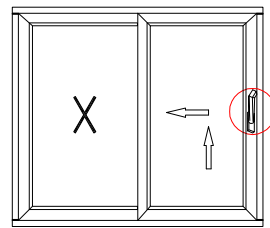
Scale 1:2

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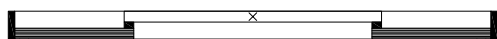
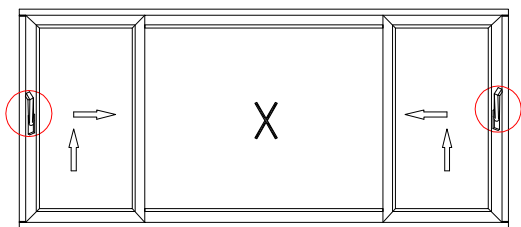
# INOVA SLIDING / Sash Dimensions



LEFT OPEN



RIGHT OPEN

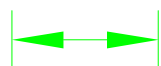


LEFT OPEN

RIGHT OPEN

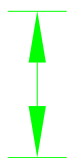
7.  
1

## SLIDING SASH DIMENSIONS AND WEIGHTS



SASH WORKING WIDTH  
(Espagnolette is a measure of channel width.)

710 - 1500 mm



SASH WORKING HEIGHT  
(Espagnolette is channel height measurement.)

600 - 2500 mm



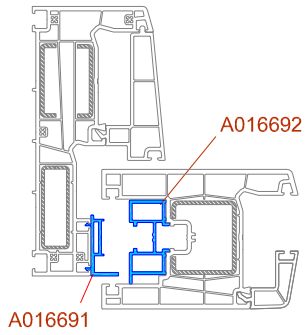
MAX SASH WEIGHT

max. 200 kg

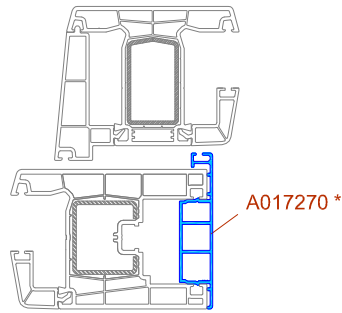


GLAZING WEIGHT

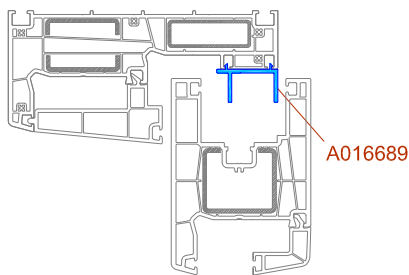
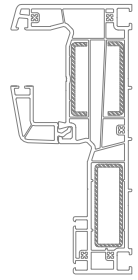
max. 60 kg/m<sup>2</sup>



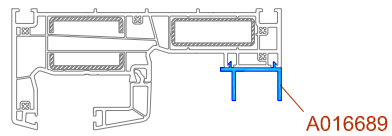
AA-Detail



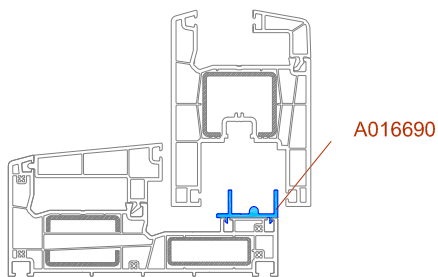
BB-Detail



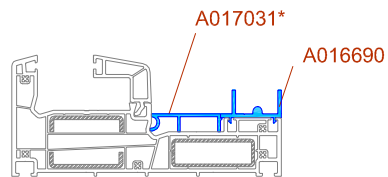
CC-Detail



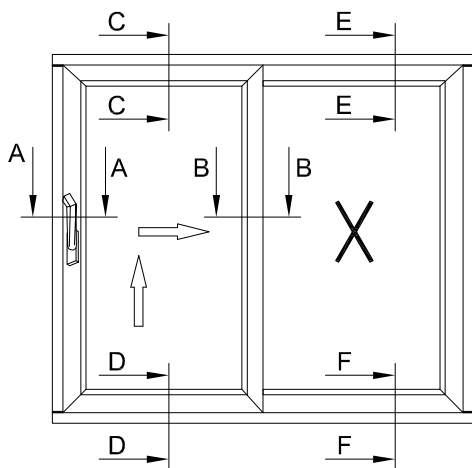
EE-Detail



DD-Detail



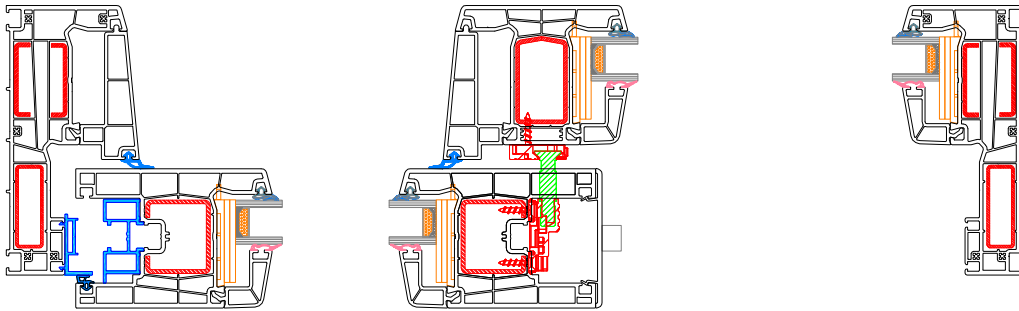
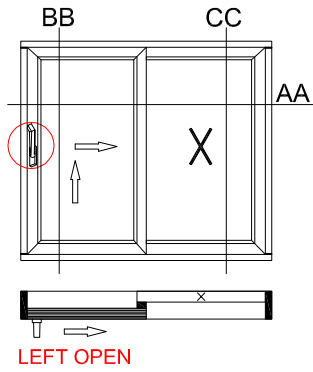
FF-Detail



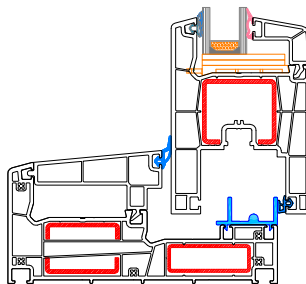
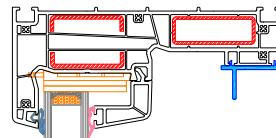
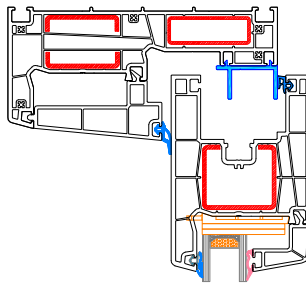
LEFT OPEN

# INOVA SLIDING / Direction Applications

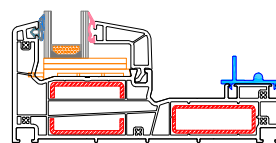
Moving / Fix Application



AA- Detail



BB- Detail

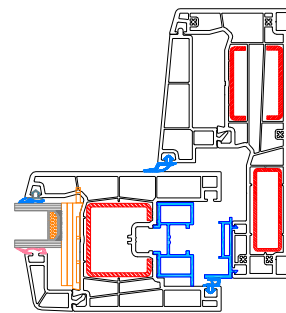
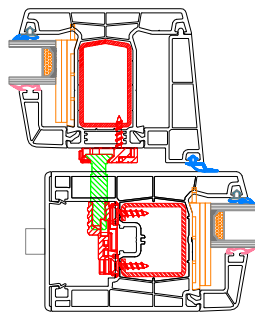
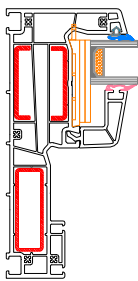
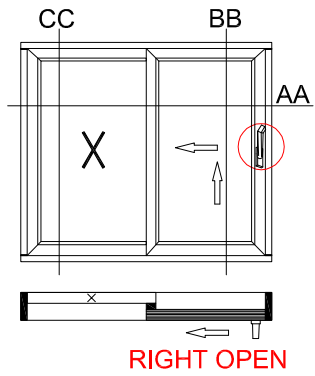


CC- Detail

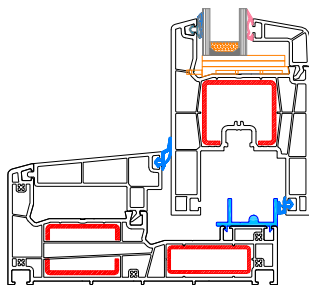
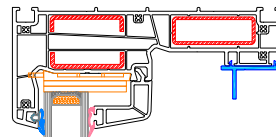
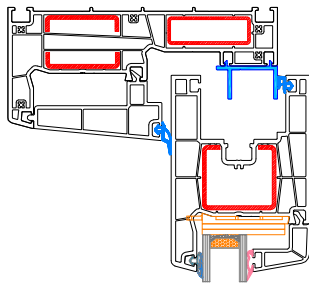


# INOVA SLIDING / Direction Applications

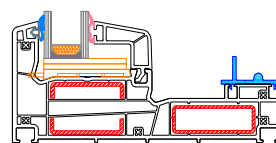
Moving / Fix Application



AA- Detail



BB- Detail



CC- Detail

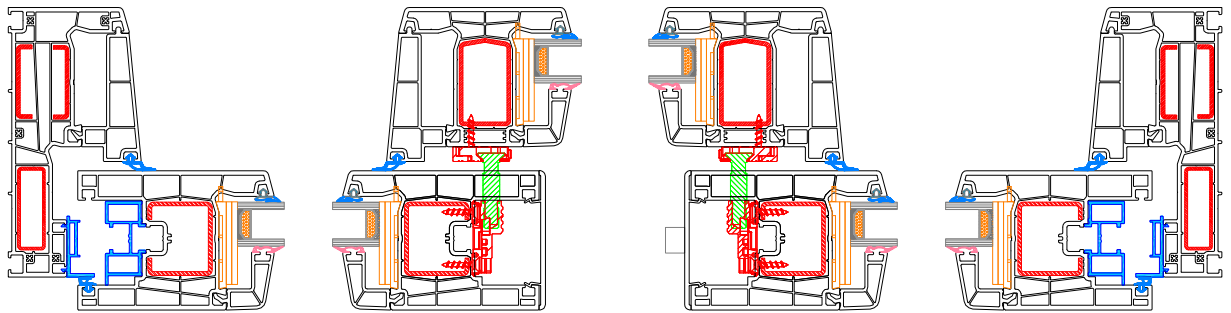
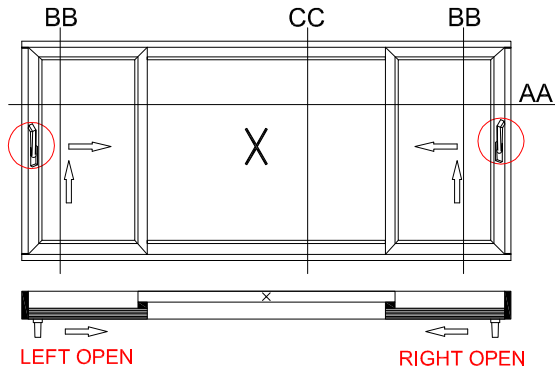
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Scale 1:4

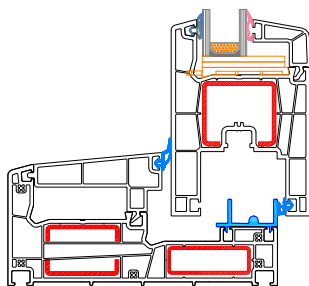
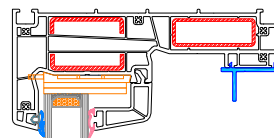
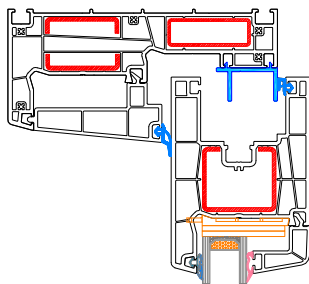
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# INOVA SLIDING / Direction Applications

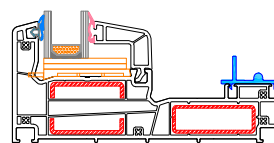
Moving / Fix / Moving Application



AA- Detail



BB- Detail



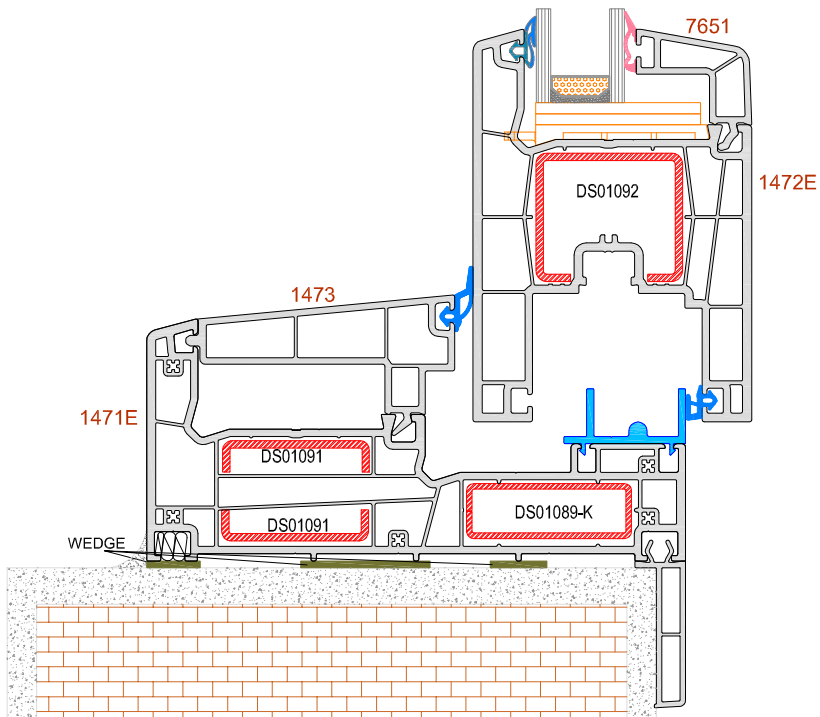
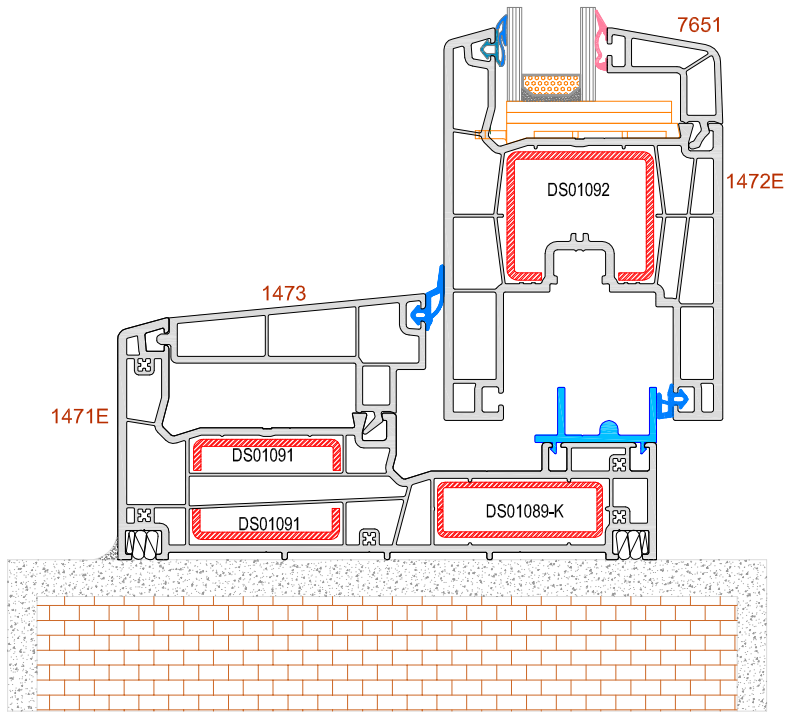
CC- Detail




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Scale 1:4

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# INOVA SLIDING / Montage Section Applications



-  WEDGE
-  IMPERMEABILITY COMPONENT (SILICONE, PUTTY)
-  INSULATION MATERIAL (STRYROFOAM, GLASS WOOL, FOAM AND CORK, FLEXIBLE SWELLING BAND)

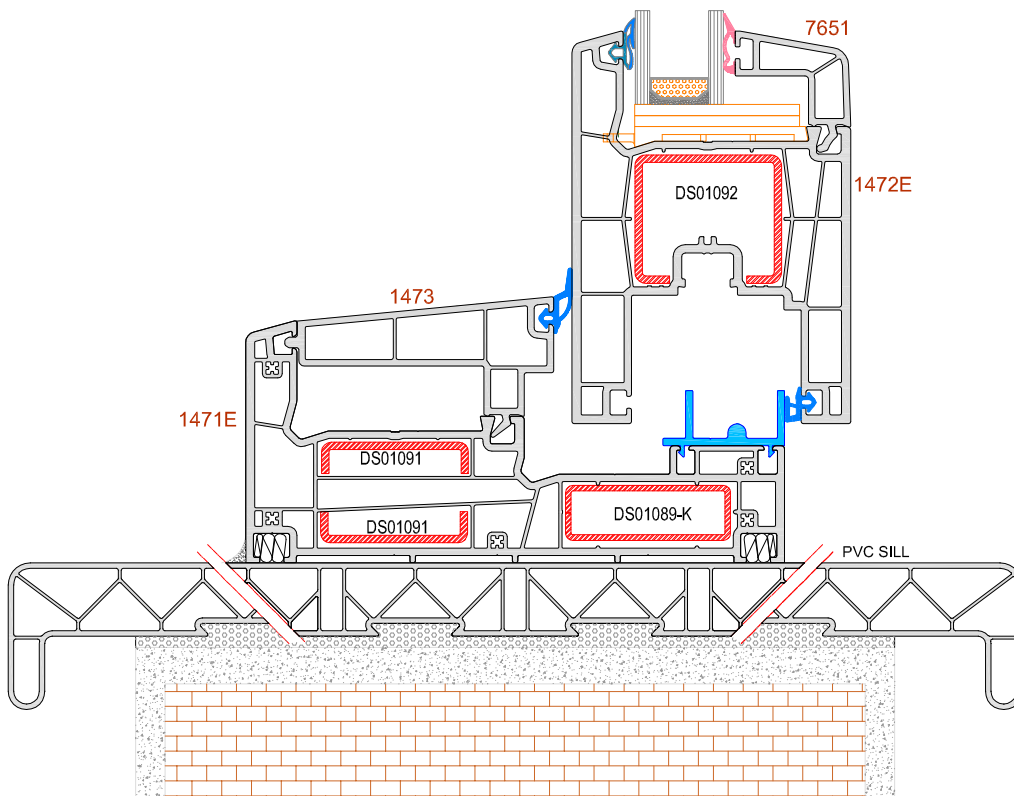
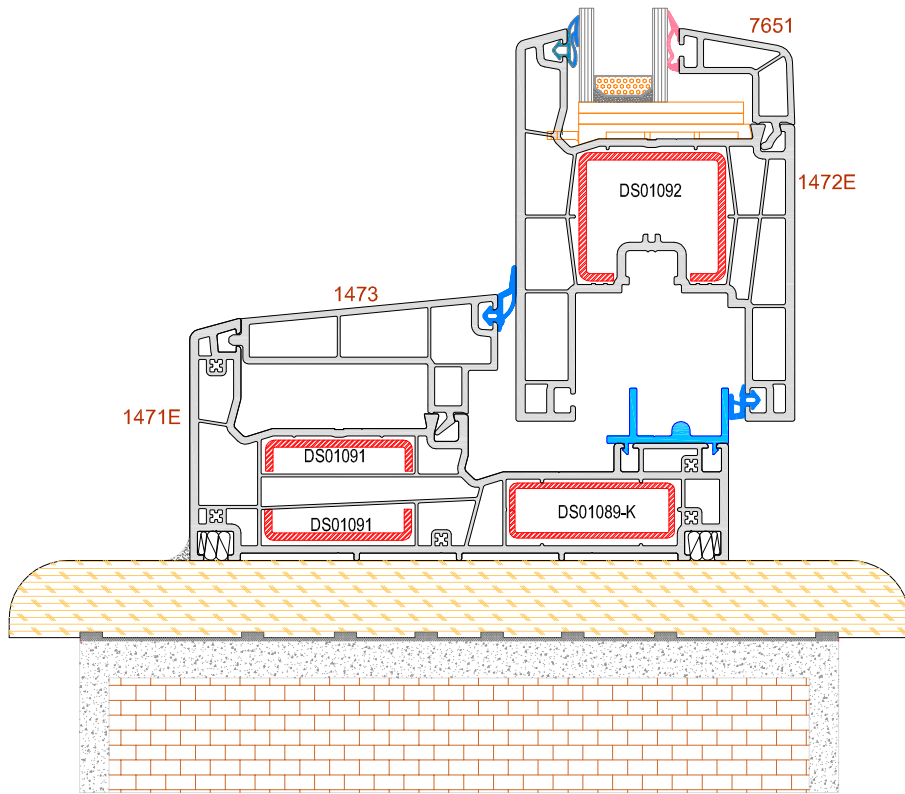
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Scale 1:2

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10.  
1

# INOVA SLIDING / Montage Section Applications



-  IMPERMEABILITY COMPONENT (SILICONE, PUTTY)
-  INSULATION MATERIAL (STRYROFOAM, GLASS WOOL, FOAM AND CORK, FLEXIBLE SWELLING BAND)

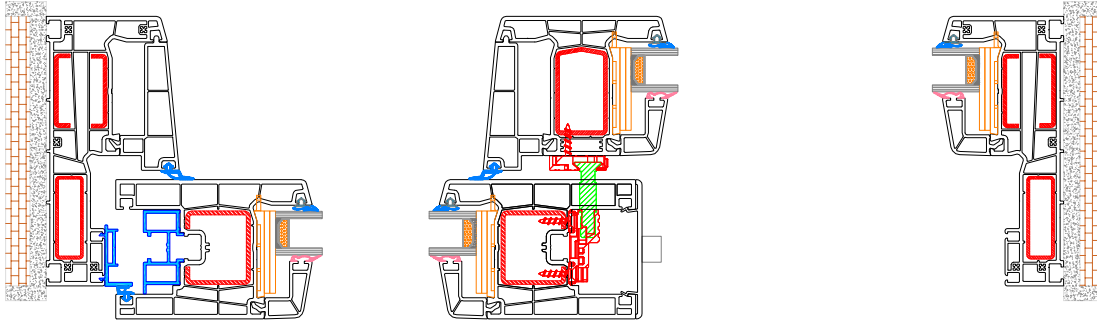
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Scale 1:2

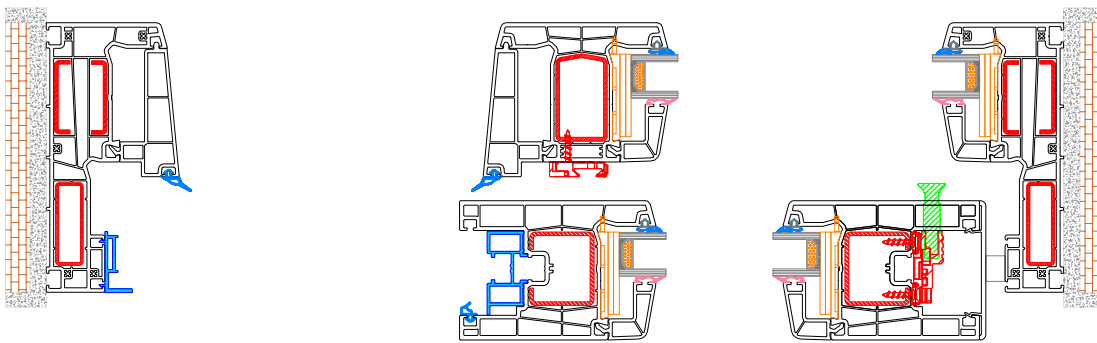
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# INOVA SLIDING / Montage Applications

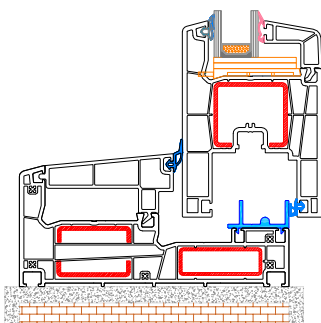
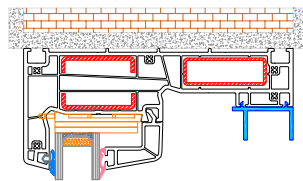
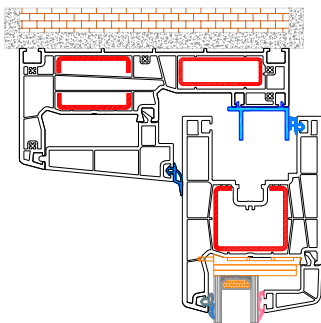
Moving / Fix Application (Left Open)



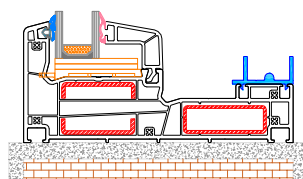
AA- Detail (Closed Situation)



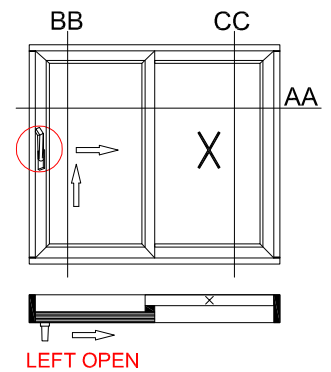
AA- Detail (Open Situation)



BB- Detail



CC- Detail



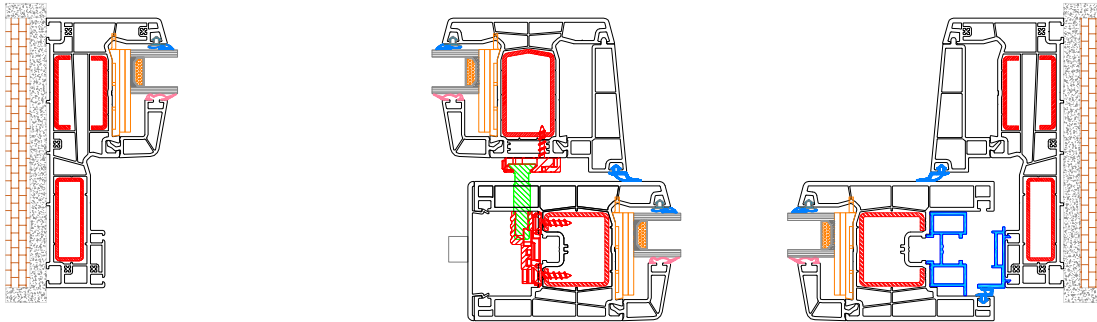
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Scale 1:4

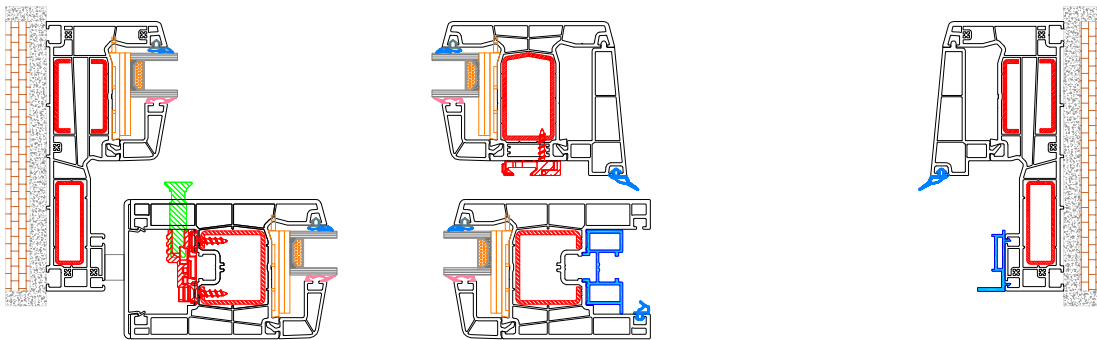
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# INOVA SLIDING / Montage Applications

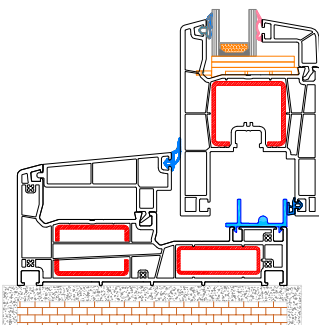
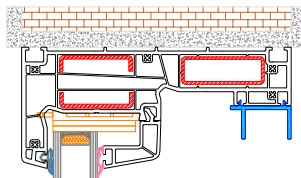
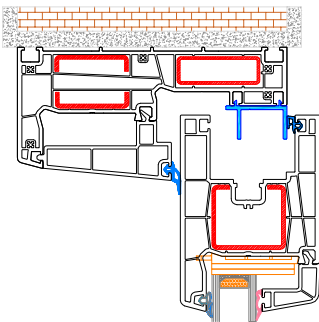
Moving / Fix Application (Right Open)



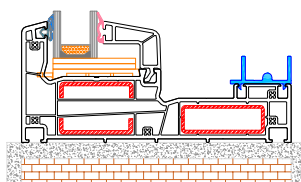
AA- Detail (Closed Situation)



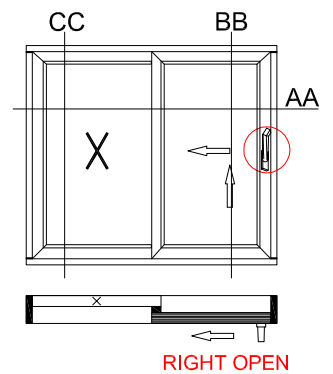
AA- Detail (Open Situation)



BB- Detail



CC- Detail



RIGHT OPEN

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Scale 1:4

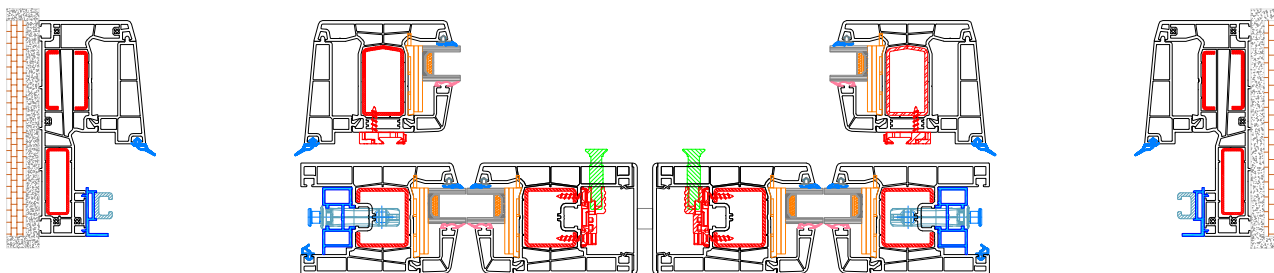
TK - 2020.07

# INOVA SLIDING / Montage Applications

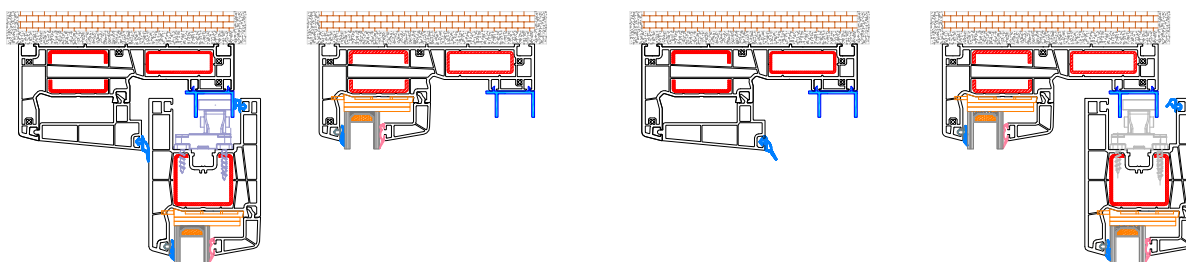
Moving / Fix / Moving Application



AA- Detail (Closed Situation)

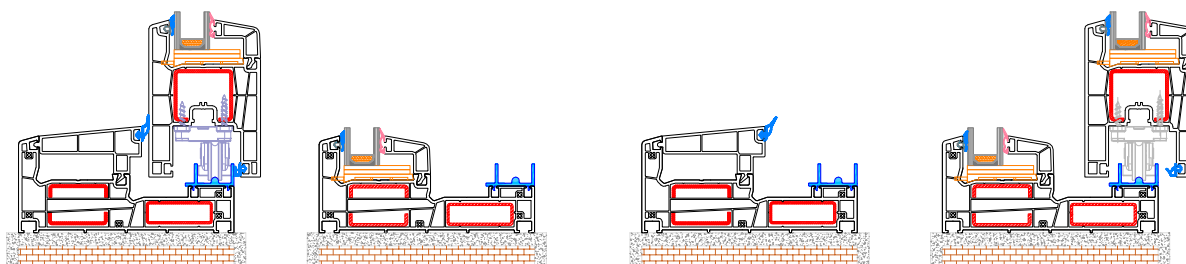


AA- Detail (Open Situation)



Closed Situation

Open Situation

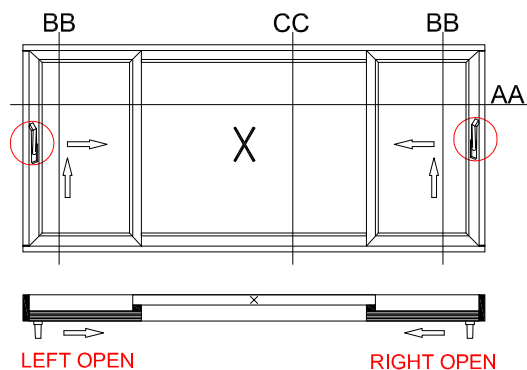


BB- Detail

CC- Detail

BB- Detail

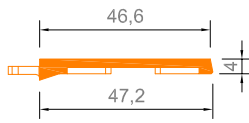
CC- Detail



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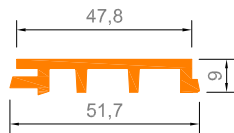
# INOVA SLIDING / Glass Wedge Application

TT01017



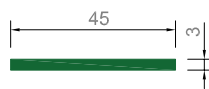
Glass Wedge 76mm without middle gasket profiles (frame-sash-mullion)

TT01018



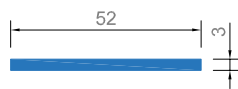
Glass Wedge for 76mm Sash Profile (Coex Gasket)

TT01021



3x45x100mm Glass Wedge

TT01022



3x52x100mm Glass Wedge (for 50mm glazing bead)

TT01023

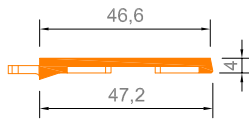


10x46x100mm Glass Wedge (for 50mm glazing bead)



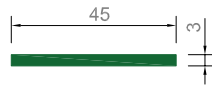
# INOVA SLIDING / Glass Wedge Application

## Inova Sliding Glass Wedge Application



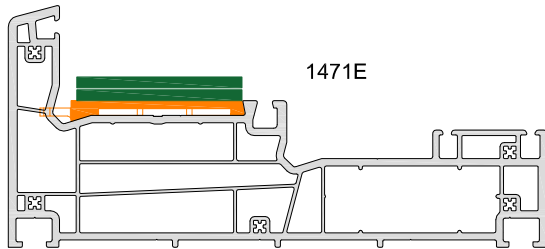
TT01017

Glass Wedge 76mm without middle gasket profiles (frame-sash-mullion)

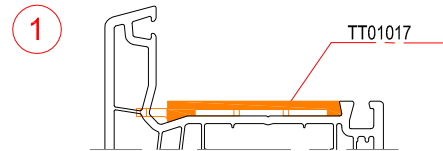


TT01021

3x45x100mm Glass Wedge

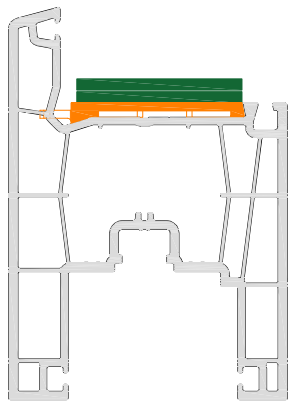


1471E

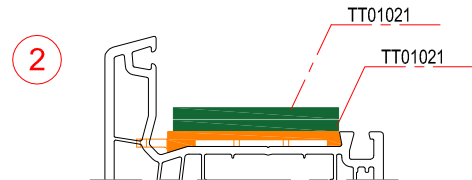


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TT01017



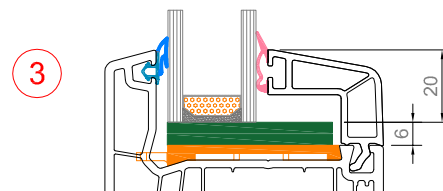
1472E



2

TT01021

TT01021



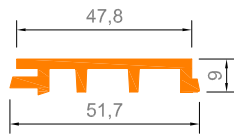
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20

6

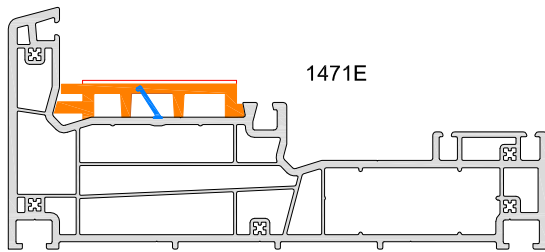
# INOVA SLIDING / Glass Wedge Application

## Inova Sliding Glass Wedge Application

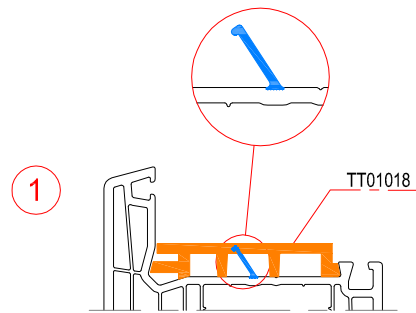


TT01018

Glass Wedge for 76mm Sash Profile (Coex Gasket)

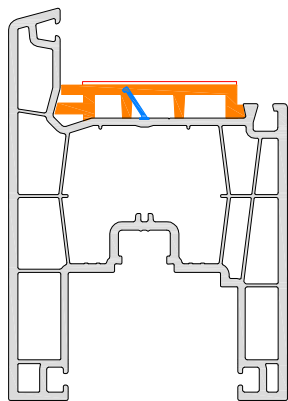


1471E

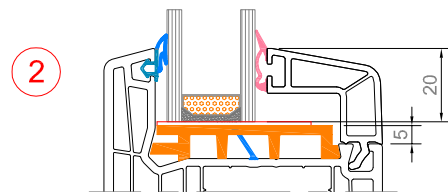


1

TT01018



1472E



2

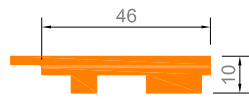
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5

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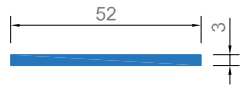
# INOVA SLIDING / Glass Wedge Application

## Inova Sliding Glass Wedge Application



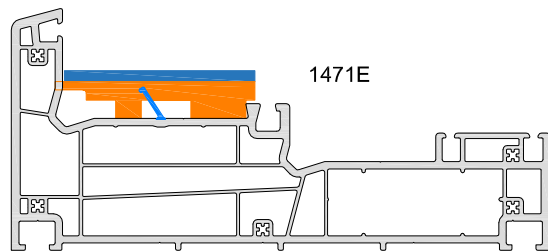
TT01023

10x46x100mm Glass Wedge (for 50mm glazing bead)

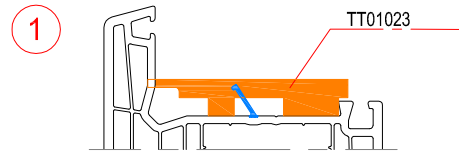


TT01022

3x52x100mm Glass Wedge (for 50mm glazing bead)

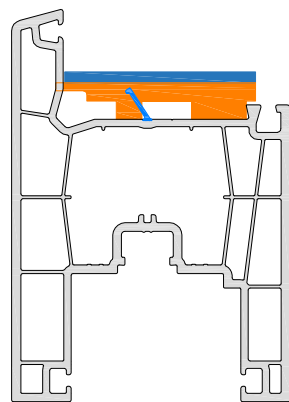


1471E

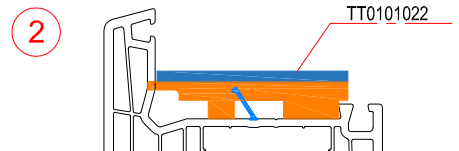


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TT01023

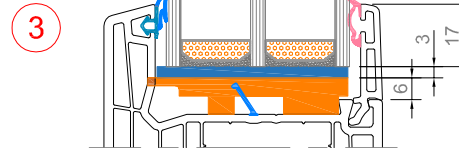


1472E



2

TT01022

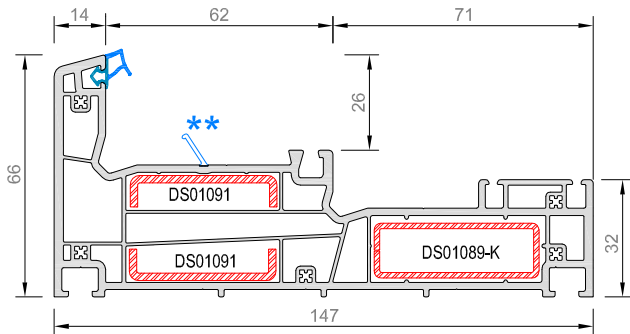


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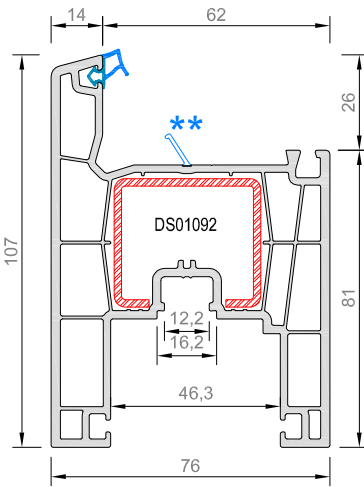
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# INOVA SLIDING / Profil General Chart

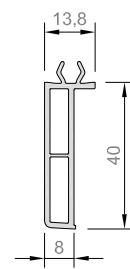
1471E Frame



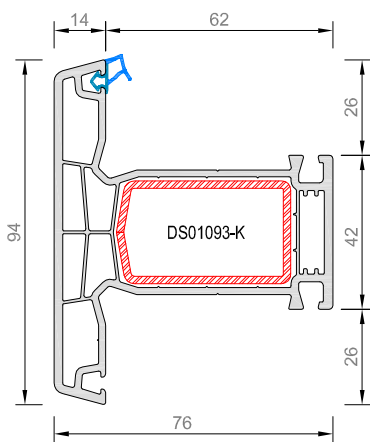
1472E Sash



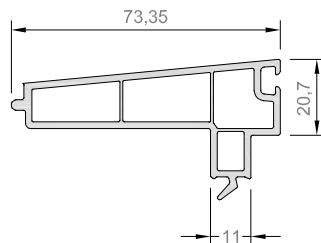
7278 Mask



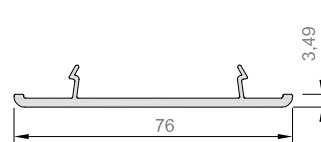
7636AE Mullion



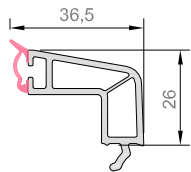
1473 Fix Frame Cover



1474 Sash Cover



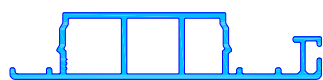
7651 - Double Glazing Bead - 24mm



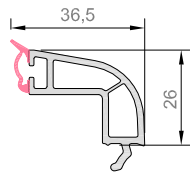
A016689  
1471E-Inova Sliding Frame Top Guide



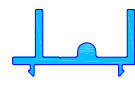
A017270  
1472E Inova Sliding Sash Vertical Aluminum Cover



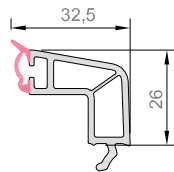
7652 - Double Glazing Bead - 24mm



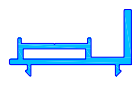
A016690  
1471E Inova Sliding Frame Under Guide-Rail



7653 - Double Glazing Bead - 28mm



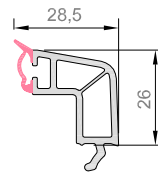
A016691  
1471E Inova Sliding Frame Espagnolette Guide



CC01015  
Sash Gasket EPDM



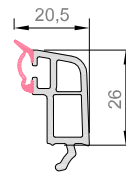
7654 - Triple Glazing Bead - 32mm



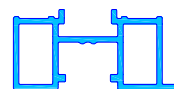
CC01009N  
Glazing Gasket EPDM



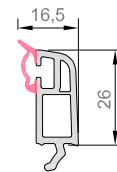
7655 - Triple Glazing Bead - 40mm



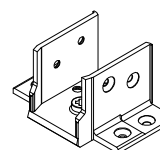
A016692  
1472E Inova Sliding Sash Espagnolette Extension



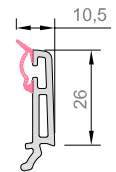
7656 - Triple Glazing Bead - 44mm



OB01028  
Connector



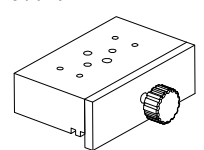
7657 - Triple Glazing Bead - 50mm



A017031  
1471E Frame Bottom Wet Area Cover



SB01005  
Mullion Connector Template Without Middle Gasket



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\*\*  
Optional middle gasket

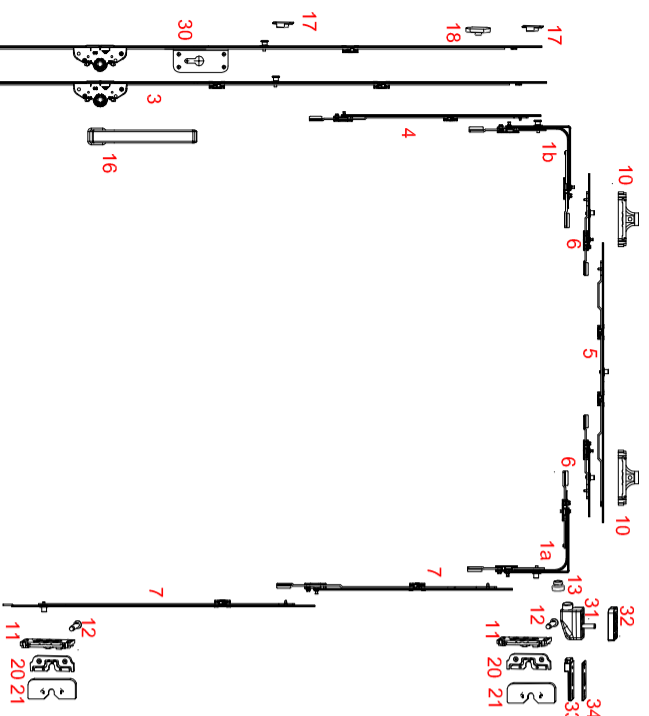
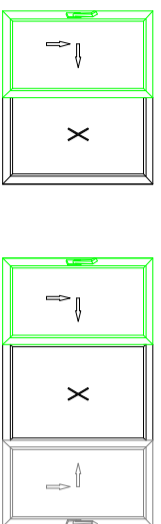
Scale 1:2 / 1:1

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Note

# INOVA SLIDING / Accessory Application Chart

Accessory Application Detail (Disassembly) / Left Open



No	Asas Cod./Asas Description
1a	RT01199 NT Corner 1 V
1b	RT01200 NT Corner 1 E
3	RT01211 Inova KSR Espagnolette 690/263 40mm 600-800 RT01212 Inova KSR Espagnolette 890/413 40mm 801-1000 RT01213 Inova KSR Espagnolette 1090/513 40mm 1001-1200 1V RT01214 Inova KSR Espagnolette 1290/563 40mm 1201-1600 1V RT01215 Inova KSR Espagnolette 1690/563 40mm 1601-1800 1V RT01193 Inova KSR Espagnolette 1890/1000 40mm 1801-2400 2V RT01209 Inova KSR Espagnolette 2290/1000 40mm 2401-2500 2V
4	RT01090 Espagnolette Extension CL200 CON
5	RT01194 Espagnolette Extension CL400 CON RT01206 Bottom-Top Horizontal 710-760 1V RT01196 Bottom-Top Horizontal 761-860 RT01151 Bottom-Top Horizontal 861-1060 RT01182 Bottom-Top Horizontal 1061-1260 1E RT01197 Bottom-Top Horizontal 1261-1460 1E RT01210 Bottom-Top Horizontal 1461-1500 1E
6	RT01195 Bottom-Top Extension CL130 1E RT01009 Extension CL600 1E RT01090 Espagnolette Extension CL200 CON RT01205 Espagnolette Extension CL200 1E CON RT01194 Espagnolette Extension CL400 CON RT01037 Extension CL600 1E CON
7	RT01184 Inova Wheel L RT01203 Inova Guide L RT01204 Inova Rear Sash Locking L RT01188 Inova Rear Sash Locking Pin RT01191 Inova Rear Stopper
11	RT01183 Pato Aversa Handle White 43mm - Imported (Optional) RT01217 Pato Aversa Handle Anodised Brown 43mm-Imported (Optional) RT01152 Pato Aversa Handle Silver 43mm - Imported (Optional) RT01218 Pato Aversa Handle Champagne 43mm - Imported (Optional) RT01219 Pato Aversa Handle Bronze 43mm - Imported (Optional) RT01220 Pato Aversa Handle Titan 43mm - Imported (Optional) RT01221 Pato Aversa Handle Dark Brown 43mm - Imported (Optional) RT01091 Pato SX Handle White 43mm - TR RT01222 Pato SX Handle Silver 43mm - TR RT01223 Pato SX Handle Bronze 43mm - TR RT01224 Pato SX Handle Dark Brown 43mm - TR
12	RT01189 Inova Locking Plate RT01192 Inova Front Stopper RT01190 Inova Wrong Application Locking Plate RT01187 Inova Rear Locking Plate RT01187 Inova Rear Locking Plate (Optional)
13	RT01259 Inova KSR K.ESP. 1890/1000 40MM 1801-2400 (Barrel Lock.) RT01261 Inova KSR K.ESP. 1890/1000 40MM 2401-2500 (Barrel Lock.)
14	RT01225 Inova Rear Sash Big Stopper (Optional) RT01227 Inova Rear Sash Big Stopper Bottom Plate (Optional) RT01229 Inova Wheel Stopper (Optional) RT01230 Inova Rear Sash Big Stopper Bottom Plate (Optional) Inova Rail Cleaning Brush (Optional)
15	RT01226 Wheel ve Guide Template RT01226 Rear Sash Locking Template RT01227 Rear Locking Template RT01229 Locking Plate Template RT01230 Allen - V Locking

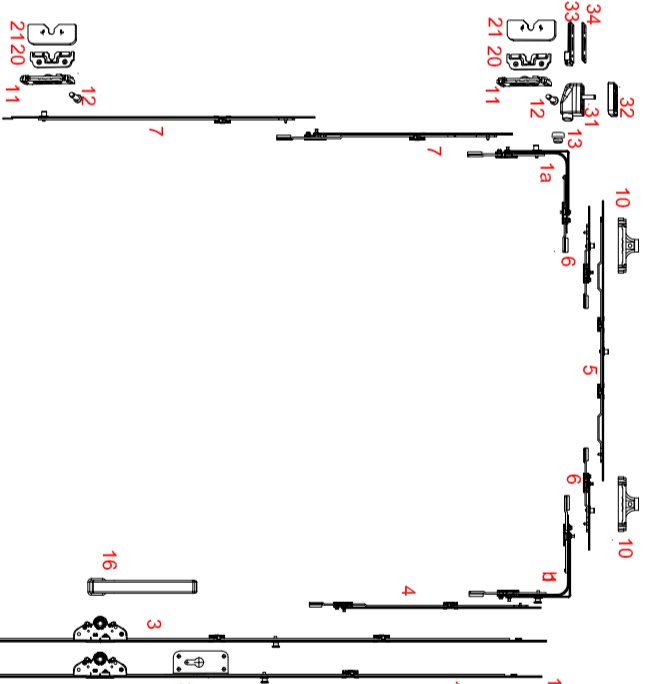
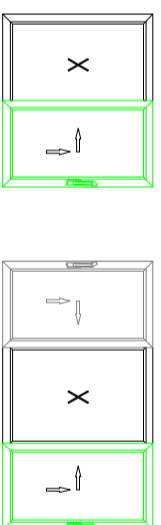
### STOPPER FOR MOVING / FIX / MOVING (3 SECTION)

No	Asas Cod./Asas Description
-	RT01303 800196 Inova Rail Stopper (3 Section)
-	RT01304 800197 Inova Rail Stopper Base (3 Section)

### INOVA TEMPLATES

No	Asas Cod./Asas Description
-	RT01225 Wheel ve Guide Template
-	RT01226 Rear Sash Locking Template
-	RT01227 Rear Locking Template
-	RT01229 Locking Plate Template
-	RT01230 Allen - V Locking

Accessory Application Detail (Disassembly) / Right Open



No	Asas Cod./Asas Description
1a	RT01199 NT Corner 1 V
1b	RT01200 NT Corner 1 E
3	RT01211 Inova KSR Espagnolette 690/263 40mm 600-800 RT01212 Inova KSR Espagnolette 890/413 40mm 801-1000 RT01213 Inova KSR Espagnolette 1090/513 40mm 1001-1200 1V RT01214 Inova KSR Espagnolette 1290/563 40mm 1201-1600 1V RT01215 Inova KSR Espagnolette 1690/563 40mm 1601-1800 1V RT01193 Inova KSR Espagnolette 1890/1000 40mm 1801-2400 2V RT01209 Inova KSR Espagnolette 2290/1000 40mm 2401-2500 2V
4	RT01090 Espagnolette Extension CL200 CON
5	RT01194 Espagnolette Extension CL400 CON RT01206 Bottom-Top Horizontal 710-760 1V RT01196 Bottom-Top Horizontal 761-860 RT01151 Bottom-Top Horizontal 861-1060 RT01182 Bottom-Top Horizontal 1061-1260 1E RT01197 Bottom-Top Horizontal 1261-1460 1E RT01210 Bottom-Top Horizontal 1461-1500 1E
6	RT01195 Bottom-Top Extension CL130 1E RT01009 Extension CL600 1E RT01090 Espagnolette Extension CL200 CON RT01205 Espagnolette Extension CL200 1E CON RT01194 Espagnolette Extension CL400 CON RT01037 Extension CL600 1E CON
7	RT01184 Inova Wheel R RT01185 Inova Guide R RT01186 Inova Rear Sash Locking R RT01188 Inova Rear Sash Locking Pin RT01191 Inova Rear Stopper
11	RT01183 Pato Aversa Handle White 43mm - Imported (Optional) RT01217 Pato Aversa Handle Elokcal Kaitve 43mm - Imported (Optional) RT01152 Pato Aversa Handle Silver 43mm - Imported (Optional) RT01218 Pato Aversa Handle Champagne 43mm - Imported (Optional) RT01219 Pato Aversa Handle Bronze 43mm - Imported (Optional) RT01220 Pato Aversa Handle Titan 43mm - Imported (Optional) RT01221 Pato Aversa Handle Dark Brown 43mm - Imported (Optional) RT01091 Pato SX Handle White 43mm - TR RT01222 Pato SX Handle Silver 43mm - TR RT01223 Pato SX Handle Bronze 43mm - TR RT01224 Pato SX Handle Dark Brown 43mm - TR
12	RT01189 Inova Locking Plate RT01192 Inova Front Stopper RT01190 Inova Wrong Application Locking Plate RT01187 Inova Rear Locking Plate RT01187 Inova Rear Locking Plate (Optional)
13	RT01259 Inova KSR K.ESP. 1890/1000 40MM 1801-2400 (Barrel Lock.) RT01261 Inova KSR K.ESP. 1890/1000 40MM 2401-2500 (Barrel Lock.)
14	RT01225 Inova Rear Sash Big Stopper (Optional) RT01227 Inova Rear Sash Big Stopper Bottom Plate (Optional) RT01229 Inova Wheel Stopper (Optional) RT01230 Inova Rear Sash Big Stopper Bottom Plate (Optional) Inova Rail Cleaning Brush (Optional)
15	RT01226 Wheel ve Guide Template RT01226 Rear Sash Locking Template RT01227 Rear Locking Template RT01229 Locking Plate Template RT01230 Allen - V Locking

### STOPPER FOR MOVING / FIX / MOVING (3 SECTION)

No	Asas Cod./Asas Description
-	RT01303 800196 Inova Rail Stopper (3 Section)
-	RT01304 800197 Inova Rail Stopper Base (3 Section)

### INOVA TEMPLATES

No	Asas Cod./Asas Description
-	RT01225 Wheel ve Guide Template
-	RT01226 Rear Sash Locking Template
-	RT01227 Rear Locking Template
-	RT01229 Locking Plate Template
-	RT01230 Allen - V Locking