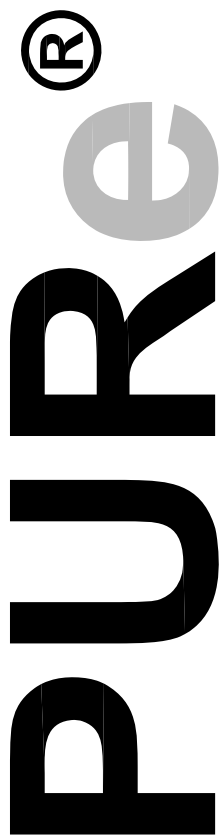


PUR^e® Tilt Turn - Open In

Product Manual 2015



Introduction

The Company

Senior Architectural Systems are a group of companies based in the United Kingdom who operate through a network of regional Service Centres.

Its' operations include the main business of stockholding in both systemized and standard aluminium extrusions. Mill finish, anodised (natural and bronze), and powder coated sections are all available, along with all of the necessary accessories for manufacture. The incorporation of new or modified sections, system compatible, is carried out when required.

The emphasis is on service to our clients, with response speed being very much of the essence. Deliveries are made on dedicated vehicles in our own livery, into all areas of the country on a regular basis - collections can be easily arranged for direct release (ex. works) to our clients' instructions. Short notice collections can also be arranged in the event of the occasional, and inevitable 'emergency'.

The Product Range

Available from Senior Architectural Systems include:-

The PURe product range comprising: Casement, Tilt Turn Open In, Overswing, Inline Sliding Door, Lift & Slide Doors And Folding Sliding Doors.

Also available from Senior Architectural Systems include: -

Curtain Wall, Casements, Tilt Turn Open In, Reversible Overswing, Hor/Vert Pivot, Mid-Rise Commercial Windows, Patent Glazing, Sub Frame, Standard Angles and Rectangular Tubes, Residential Windows, Commercial Doors, Residential Doors, Patio Doors and Secondary Glazing.

Also available from Senior Hybrid Systems include: -

The HYBRID product range comprising: Casement, Tilt Turn Open In, Reversible Overswing, Residential Doors - Open In / Open Out, Lift and Slide Door, Folding Sliding Door, and a Curtain Wall system.

Quality Assurance

We are committed to the aims of ISO 9001 Quality Assurance.

In the event of questions or queries concerning the contents of this manual or any other product on offer from Senior Architectural Systems, please do not hesitate to contact your Regional Service Centre:

Senior Architectural Systems Head Office	01709 772600
Senior Architectural Systems Scotland	01506 407640
Senior Architectural Systems South	01633 277880

Senior Architectural Systems operate a policy of continuing development and reserve the right to amend and improve their products without notification. Every effort will however be made to ensure that up-dates are circulated to our clients for information as deemed necessary.

All items contained in this manual are subject to our normal terms and conditions, a copy of which is available on request. Whilst we make every effort to ensure the accuracy of the drawings and measurements contained in this manual, we neither warrant nor guarantee the accuracy and you should undertake your own measurements and not place any reliance on or act in consequence of the contents herein.

Scope

This specification covers the materials, sections and accessories generally available from stock through the Senior Architectural Systems group of companies. It illustrates typical recommendations for the fabrication of our PUR_e Tilt Turn - Open In window system. The sections and fittings described in this manual are not definitive or exclusive in application but show typical assemblies using standard materials and accessories.

Identical main line extrusions are used for both single and dual colour finishes.

These details are suitable for installations in both new buildings and re-furbishments.

Construction

PUR_e Tilt Turn – Open In window system is constructed using mitred and mechanical or crimped corners, with support chevrons and cleats. Integral transoms and mullions are fitted by scribing the ends and screw fixing into shear blocks secured to the outer frames.

A proprietary sealant to protect against water entry should be used on all metal-to-metal joints and cleat insertion points at assembly.

Vents are designed to be inserted directly into the outer frames using tilt turn mechanisms or butt hinges.

At all times good working practices should be employed.

Accessories

All accessories shown in this manual are deemed to be both typical, and suitable for, the installations intended. They are generally standard items which carry with them the manufacturers guarantees and are components which are held in stock unless informed otherwise by * in this manual.

Testing

A PUR_e Tilt Turn – Open In window 1500 x 1500 130kgs maximum was tested in accordance with: BS6375: Part 1, Part 2 and Part 3:2009 for Weathering & Performance achieving the following:

Air Permeability	600 Pa (class 4)
Water Tightness	600 Pa
Wind Resistance	2400 Pa

PAS24:2012 Enhanced Security

Materials

Extruded aluminium is Aluminium Alloy 6063.T6 to BS EN 755 part 9:2008.

Polyamide thermal barriers PA66 GF25

Anodising: i) Natural (Silver) anodised to BS3987, 1991. and ii) Anolok Bronze Colour 547 anodised to BS3987, 1991. Anodising is to a minimum of 25 microns (AA25).

Powder Coating is to BS EN 12206-1:2004.

Gasketry is manufactured in accordance with BS3734.

Glazing

Note: All Glazing should be carried out to the recommendations of BS6262.

IGU's from 28mm to 50mm may be installed into this window system subject to profile selection – see glazing tables.

Glazing is individually inserted into a fully rebated and prepared opening. Retained in position with beads, captive gaskets to the frame/vent rebates, with wedge gaskets (internal) to assist with security, or external when security is not an issue.

Site Installation

Site fixing of finished frames should take into account all applicable standards with regard to both the method employed and safe working practices.

Frame fixings should be suitable for the purpose given site conditions and materials into which the installation is to be made. If in doubt, please check with your fixings supplier regarding type and method to be used.

Size Limitations

Size limitations for each type of window vary. The following schedule is an indication of the PUR_e Tilt Turn – Open In window system capabilities.

Vent Sizes	W	x	H
CHRONO (max 130kgs)			
Tilt and Turn Minimum	601	x	600
Tilt and Turn Maximum	*1500	x	*1500
INVISION (max 170kgs)			
Tilt and Turn Minimum	671	x	600
Tilt and Turn Maximum	*1500	x	*1500
Side Hung (max 85kgs)	1000	x	*1500
Bottom Hung (max 85kgs)	*1500	x	1000

*If larger sizes are required - Please refer to gearing limitations pages within the manual and contact Seniors Technical Department.

Multi-lights: all mullions and transoms over 1200mm high or wide should be checked for lxx value stability to loadings provided by the specifier, or to BS6399 part 2:1997

The above schedule is based on nominal test results and assumes that adequate care regarding the location and exposure of the window is taken by the fabricator.

Due regard should be given to the maximum recommended sizes, as published by the hardware manufacturers.

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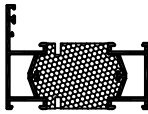
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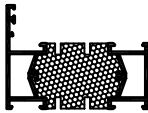
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Section Identification

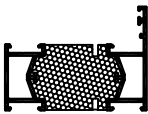
Frames



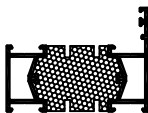
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Glaze In Frame



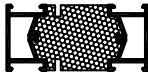
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PUR001002G
Glaze Out Frame



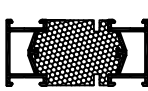
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Glaze Out Frame



PUR001001G
Glaze In Multi Frame



PUR001001GG
Glaze In Multi Frame

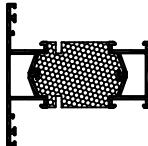


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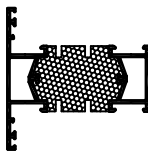


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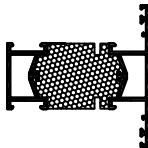
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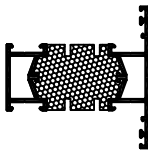
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Glaze In Mullion/Transom



PUR003001GG
Glaze In Mullion/Transom

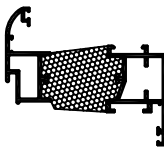


PUR001003G
Glaze Out Mullion/Transom

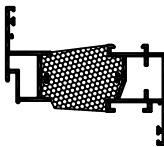


PUR001003GG
Glaze Out Mullion/Transom

Vents



PUR006008
Radius Tilt Turn Vent



PUR007008
Flat Tilt Turn Vent

Beads



PUR011
Bead



PUR012
Bead



PUR013
Bead



PUR014
Bead



PUR015
Bead



PUR016
Bead



PUR017
Bead



PUR018
Bead



PUR050
Bead

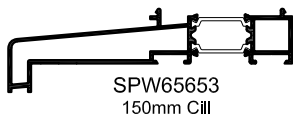


PUR049
Bead

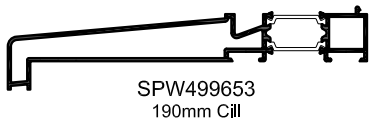


PUR038
Rebate Bead

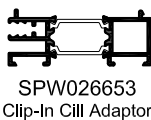
Ancilliaries



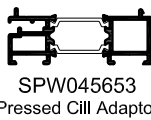
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150mm Cill



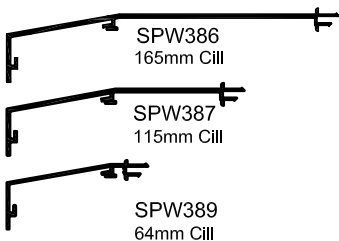
SPW499653
190mm Cill



SPW026653
Clip-In Cill Adaptor



SPW045653
Pressed Cill Adaptor



SPW386
165mm Cill



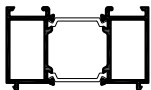
SPW387
115mm Cill



SPW389
64mm Cill



SPW65353
25mm Add-On



SPW6024024
40mm Add-On



SPW035035
28mm Trickle Vent Adaptor



SAE25X4
Georgian Bar



SXTW216
Drip Bar



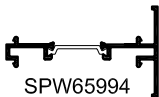
PUR046
Coupler Channel



SPW65959
Coupling Section



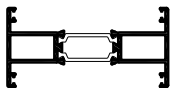
SPW69494
H Coupler



SPW65994
T Coupler



SPW629358
Reinforced Coupling Section



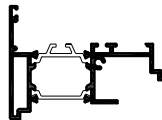
SPW025025
H Coupler



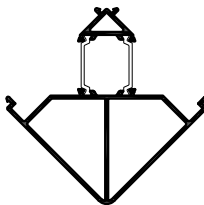
PUR034
Add-On Cap



PUR033
Add-On Reinforcing Bar



PUR023024
Double Opening Vent Adaptor



SPW047048
Corner Post



PUR028
Curtain Wall Adaptor

Manual Update

Page No	Update Description	Date	By	App'd
PUR _e .E.224	Now CHRONO Tilt Turn Top Hinge Positioning	02.15	GF	MW
PUR _e .E.225	Was PUR _e .E.224	02.15	GF	MW
PUR _e .E.226	Was PUR _e .E.225	02.15	GF	MW
PUR _e .E.227	Was PUR _e .E.226	02.15	GF	MW
PUR _e .E.228	Was PUR _e .E.227	02.15	GF	MW
PUR _e .E.229	Was PUR _e .E.228	02.15	GF	MW
PUR _e .E.230	Was PUR _e .E.229	02.15	GF	MW
PUR _e .E.231	Was PUR _e .E.230	02.15	GF	MW
PUR _e .E.232	Was PUR _e .E.231	02.15	GF	MW
PUR _e .E.233	Was PUR _e .E.232	02.15	GF	MW
PUR _e .E.234	Was PUR _e .E.233	02.15	GF	MW
PUR _e .E.235	Was PUR _e .E.234	02.15	GF	MW
PUR _e .E.236	Was PUR _e .E.235	02.15	GF	MW
PUR _e .E.237	Was PUR _e .E.236	02.15	GF	MW
PUR _e .E.238	New Page Blank	02.15	GF	MW
PUR _e .2.ix	SPW025025, SPW026653, SPW045653, SPW386, SPW387, SPW389, SPW047048 & PUR045 Added	01.16	ACC	AP
PUR _e .A.2201	Section Ref Amended	10.15	ACC	AP
PUR _e .B.212	PUR045 Added	10.15	ACC	AP
PUR _e .B.213	SPW025025, SPW026653, SPW045653, SPW386, SPW387, And SPW389 Added	01.16	ACC	AP
PUR _e .B.214	New Page SPW047048	10.15	ACC	AP
PUR _e .C.201	SFSPS0845 Corrected To SFSPS1045	10.15	ACC	AP
PUR _e .C.202	SWFS & SP3745 Coupler Gaskets Added	10.15	ACC	AP
PUR _e .C.211	New Page. Tooling Jigs	10.15	ACC	AP
PUR _e .C.212	New Page. Blank	10.15	ACC	AP
PUR _e .D.212	Clip-In & Pressed Cill Details Added	10.15	ACC	AP
PUR _e .E.204	SFSPS0845 Corrected To SFSPS1045	10.15	ACC	AP
PUR _e .E.208	Legend Amended	10.15	ACC	AP
PUR _e .E.209	Legend Amended	10.15	ACC	AP
PUR _e .E.210	Legend Amended	10.15	ACC	AP
PUR _e .E.211	Legend Amended	10.15	ACC	AP
PUR _e .E.212	Legend Amended And Off-Set Handle Equation Amended	10.15	ACC	AP
PUR _e .E.213	Legend Amended And Off-Set Handle Equation Amended	10.15	ACC	AP
PUR _e .E.214	Legend Amended	10.15	ACC	AP
PUR _e .E.215	Legend Amended	10.15	ACC	AP
PUR _e .E.216	Legend Amended	10.15	ACC	AP
PUR _e .E.217	Legend Amended	10.15	ACC	AP
PUR _e .E.218	Legend Amended	10.15	ACC	AP
PUR _e .E.219	Legend Amended	10.15	ACC	AP
PUR _e .E.220	Legend Amended And Off-Set Handle Equation Amended	10.15	ACC	AP
PUR _e .E.221	Legend Amended And Off-Set Handle Equation Amended	10.15	ACC	AP

Page No	Update Description	Date	By	App'd
PURe.E.230	Trickle Vent Adaptor Part Code Changed To SPW035035	01.16	ACC	AP
PURe.E.236	New Detail H Coupler With Captive Gasket Added	01.16	ACC	AP
	New Coupler Channel PUR045 & Coupling Gasket SP3745 Added			
PURe.E.237	New Detail H Coupler With Captive Gasket & Add-On	01.16	ACC	AP
	Reinforcing Added			
PURe.E.238	Insert Vent - Curtain Walling Detail Moved To This Page,	10.15	ACC	AP
	Was Previously Page PURe.E.236			
PURe.E.239	Add-On Reinforcing Detail Moved To This New Page, Was	10.15	ACC	AP
	Previously Page PURe.E.237			
PURe.E.240	New Page SPW047048 Added	01.16	ACC	AP
PURe.F.201	Silicone Notes Added. Fixed Light Gasketry Reversed	10.15	ACC	AP
PURe.F.202	Silicone Notes Added. Fixed Light Gasketry Reversed	10.15	ACC	AP
PURe.E.208	Width Option W = 1401 - 1700 added (see also PURe.E.210)	02.16	GF	AP
PURe.2.viii	PUR049 And PUR050 Beads Added	05.16	ACC	AP
PURe.B.208	PUR049 And PUR050 Beads Added	05.16	ACC	AP
PURe.C.206	PUR049 And PUR050 Beads Added	05.16	ACC	AP
PURe.C.207	PUR049 And PUR050 Beads Added	05.16	ACC	AP
PURe.F.201	New Glazing Option Page Added	05.16	ACC	AP
PURe.F.202	New Glazing Option Page Added	05.16	ACC	AP
PURe.F.203	New Glazing Option Page Added	05.16	ACC	AP
PURe.F.204	New Glazing Option Page Added	05.16	ACC	AP
PURe.F.205	New Glazing Bead Cutting Sizes Page Added	05.16	ACC	AP
PURe.F.206	New Glazing Bead Cutting Sizes Page Added	05.16	ACC	AP
PURe.F.207	Was Page PURe.F.201	05.16	ACC	AP
PURe.F.208	Was Page PURe.F.202	05.16	ACC	AP
PURe.F.209	Was Page PURe.F.203	05.16	ACC	AP
PURe.F.210	Was Page PURe.F.204	05.16	ACC	AP
PURe.C.212	Punch Tooling SF52PC01 & PURPT15 Added	12.16	GF	AP
PURe.C.213	New Page Added - Punch Tooling PURPT16	12.16	GF	AP
PURe.C.214	New Page Added - Blank	12.16	GF	AP
PURe.D.207-212	Drainage Punch Tool Notations Added	12.16	GF	AP
PURe.E.202	TPJ02 Drilling Jig And Notation Added	12.16	GF	AP
PURe.E.203	Holes For Corner Cleat Punch Tool Notation Added	12.16	GF	AP
PURe.E.204	TPJ02 Drilling Jig And Notation Added	12.16	GF	AP
PURe.A pages	Beads Updated	01.18	GF	AP
PURe.B.208	Beads Updated	01.18	GF	AP
PURe.E.205	Rebate Bead Now PUR038	01.18	GF	AP
PURe.E.205	External Glazed Added With Silicone Seal Noted	02.18	GF	AP
PURe.C.211	TPSH33 Hand Puch Tool Added	04.18	ACC	AP
PURe.2.ii	PURe Product Group Updated	06.18	ACC	AP
PURe.C.204	Re-Drawn	06.18	ACC	AP
PURe.C.205	New Spindle Drive Handles and Lockcase Added	06.18	ACC	AP

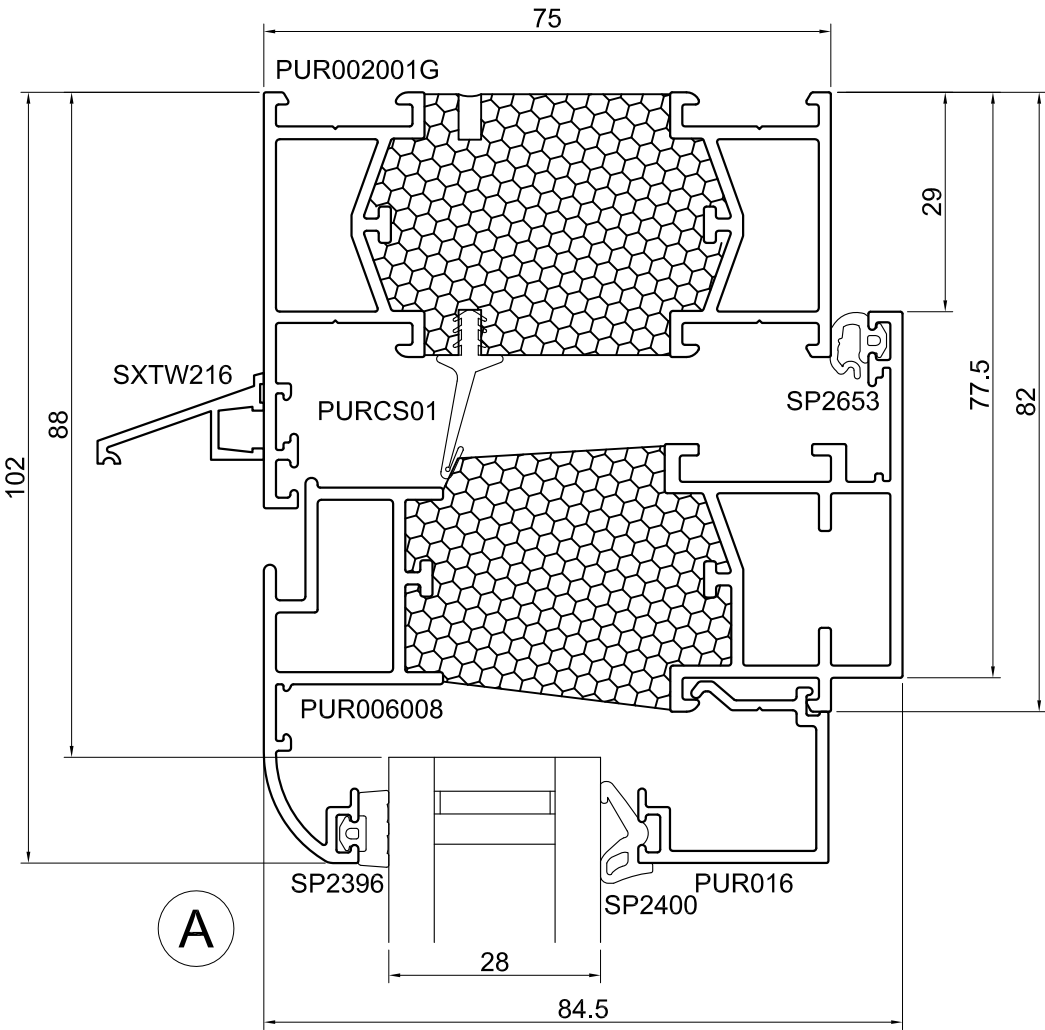
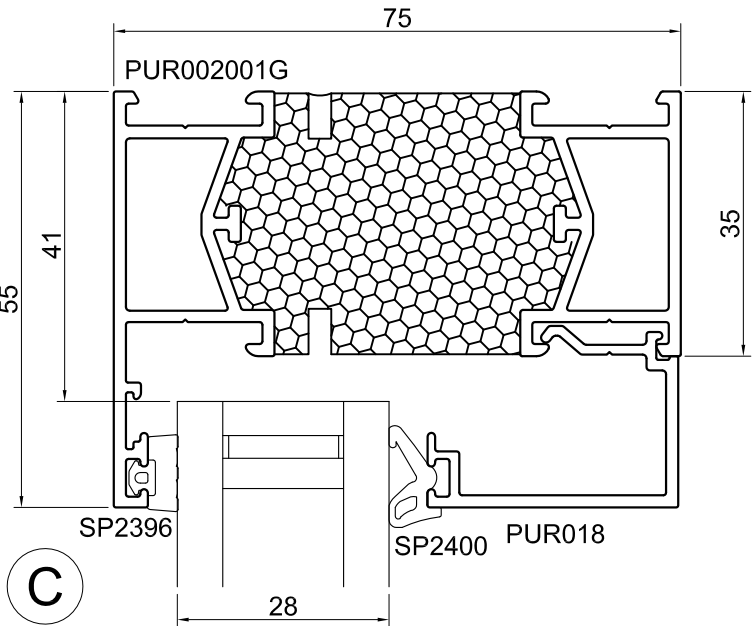
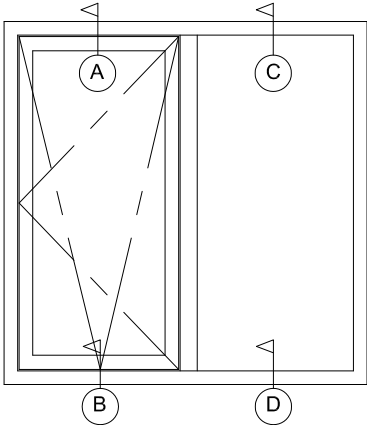
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PUR_e Tilt Turn - Open In

PURe.2.MU.iv

06.18

[illegible]

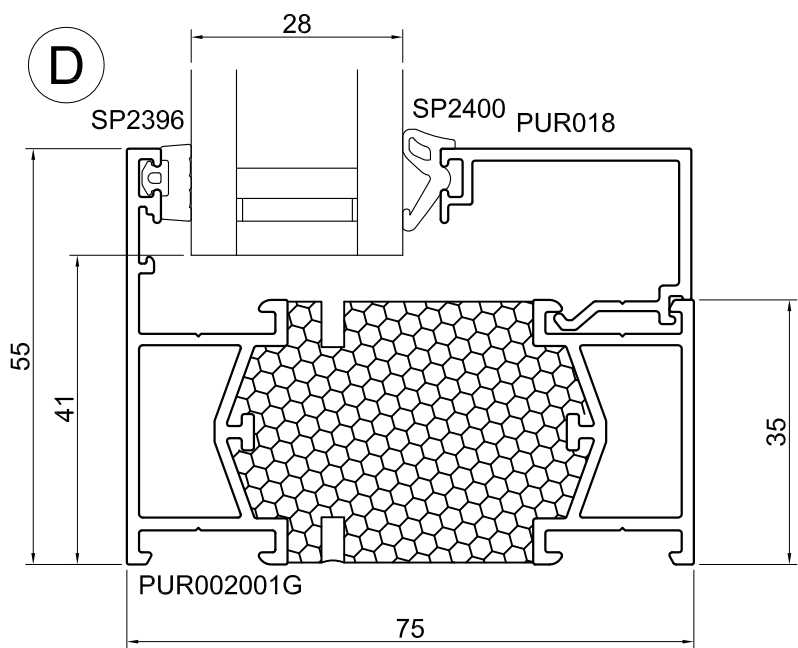
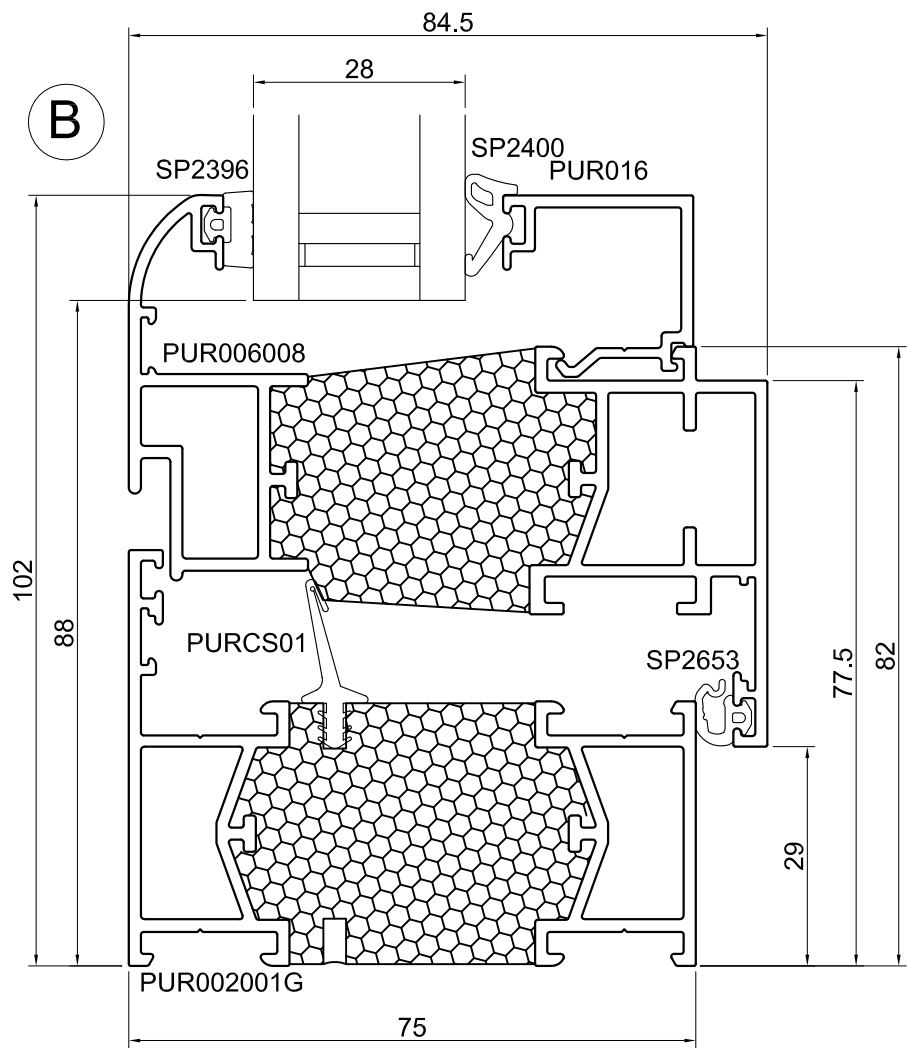


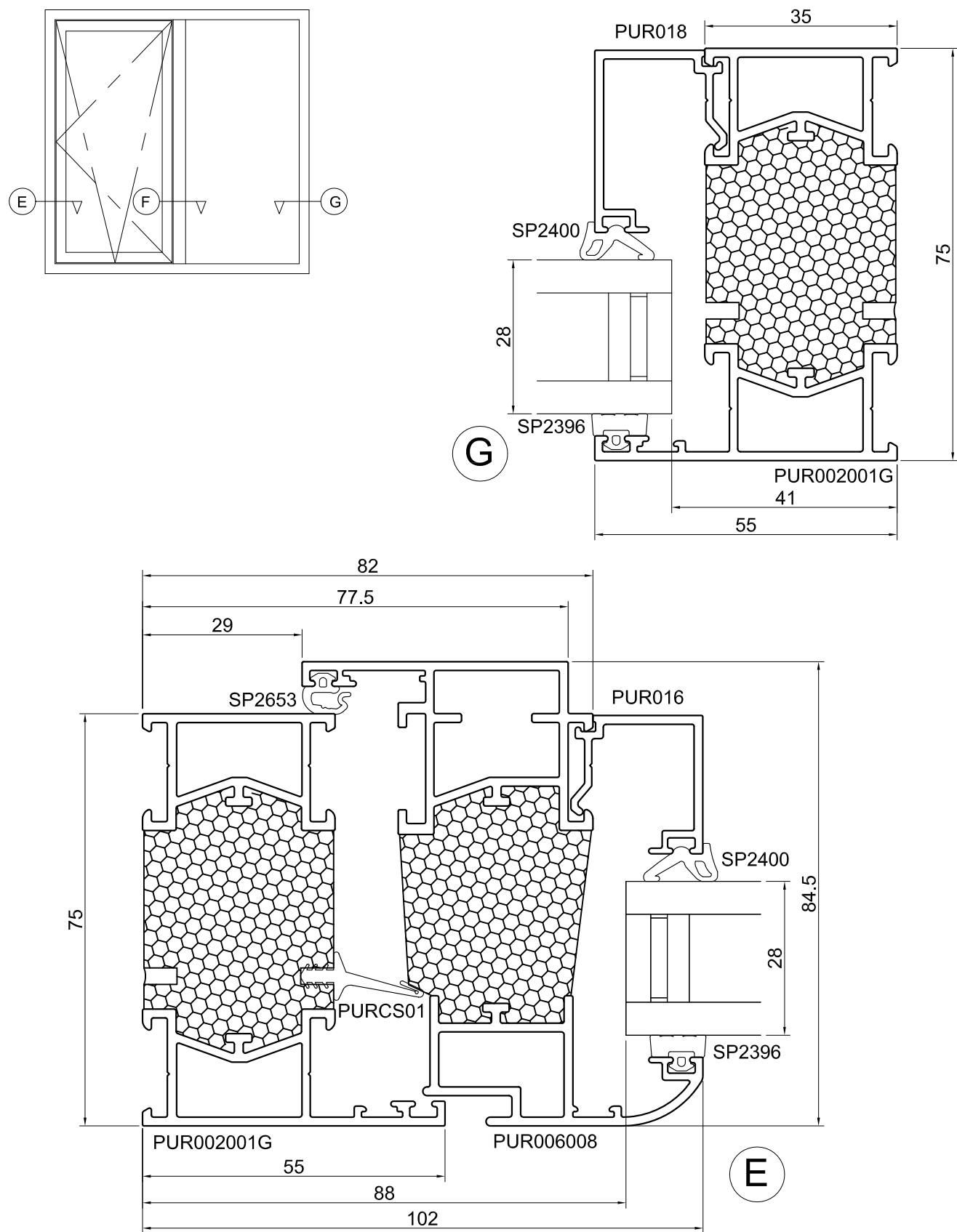
PURe Tilt Turn - Open In

PURe.A.2102

Vertical Cross Sections - Cill

01.18



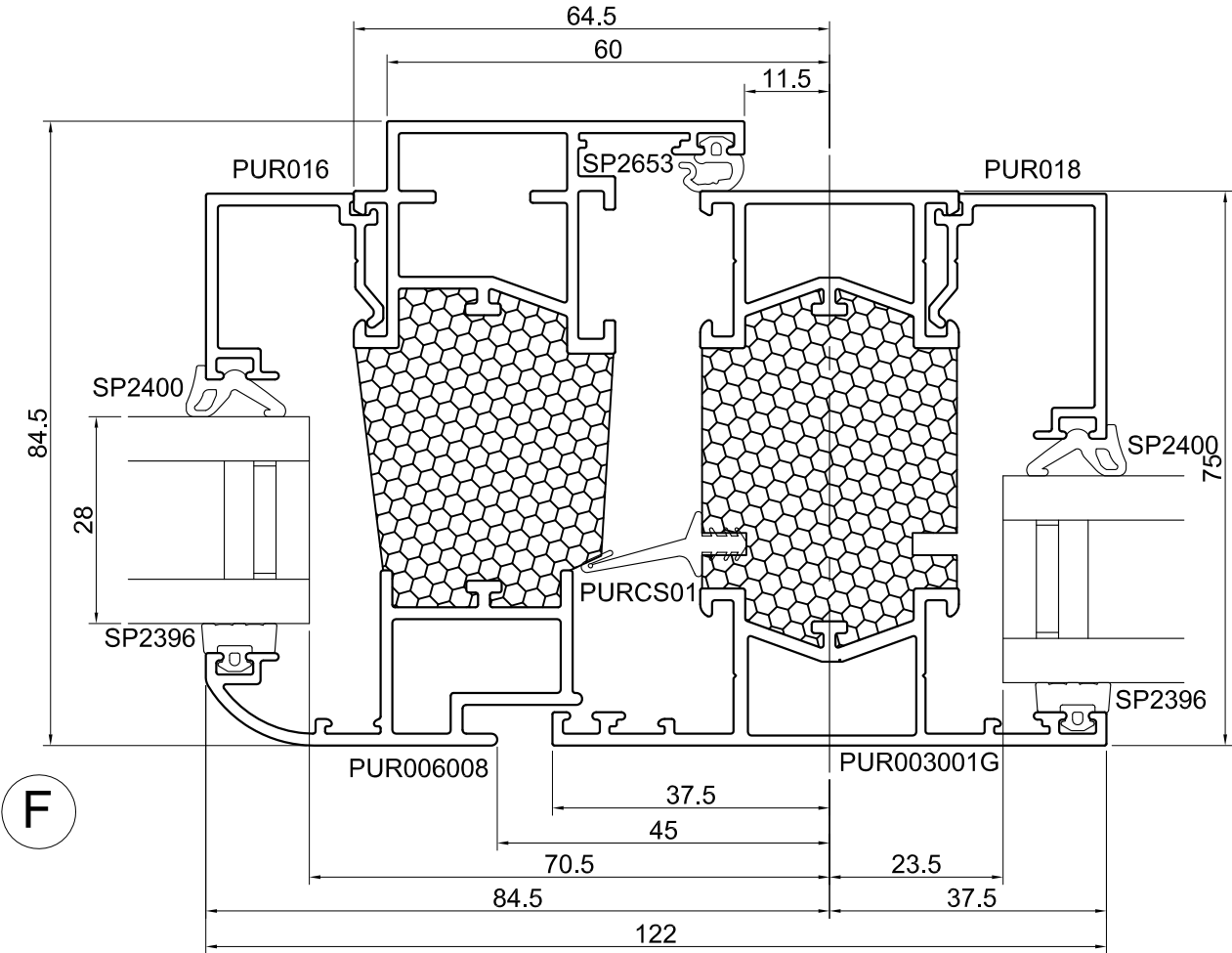


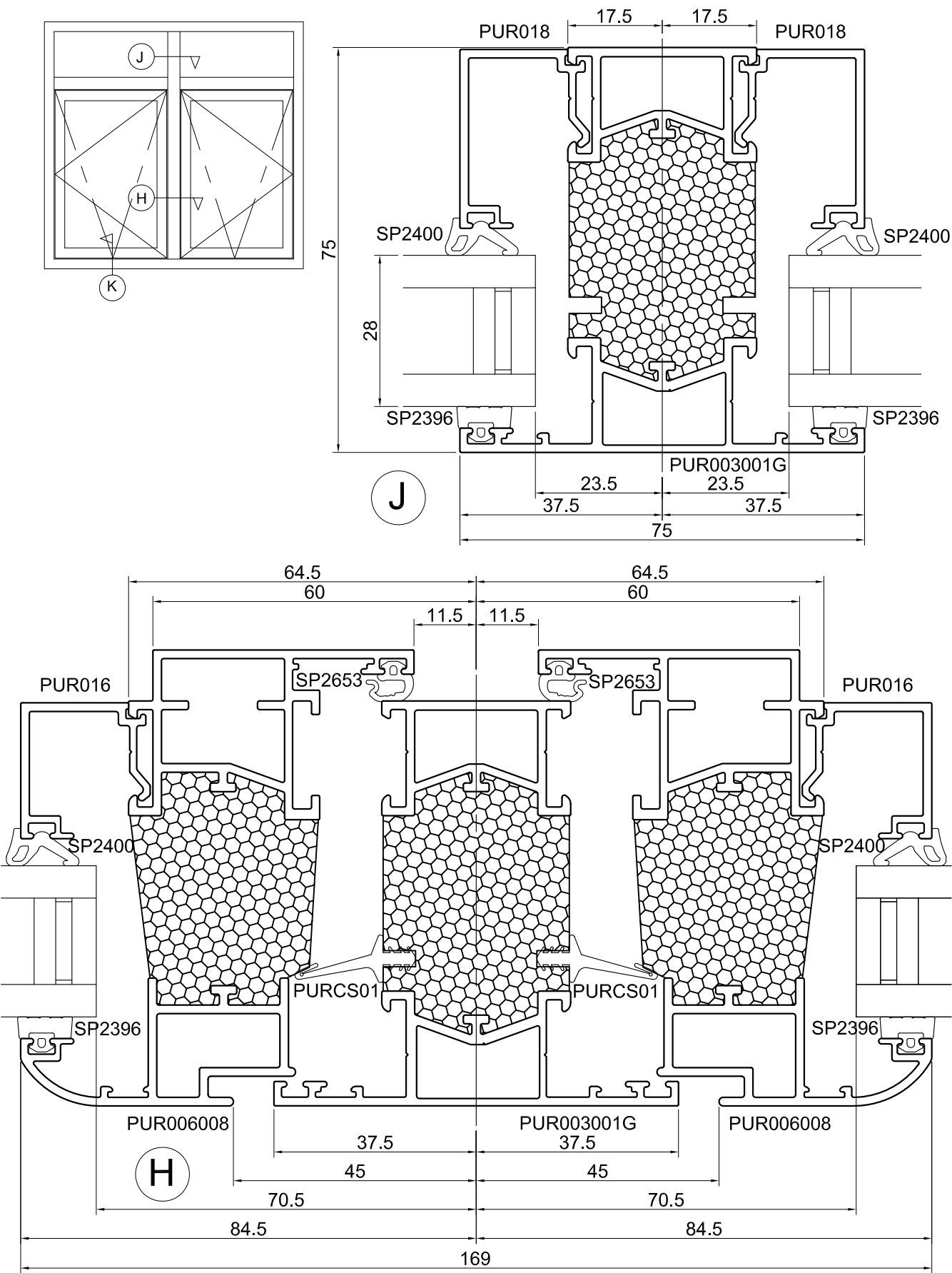
PURe Tilt Turn - Open In

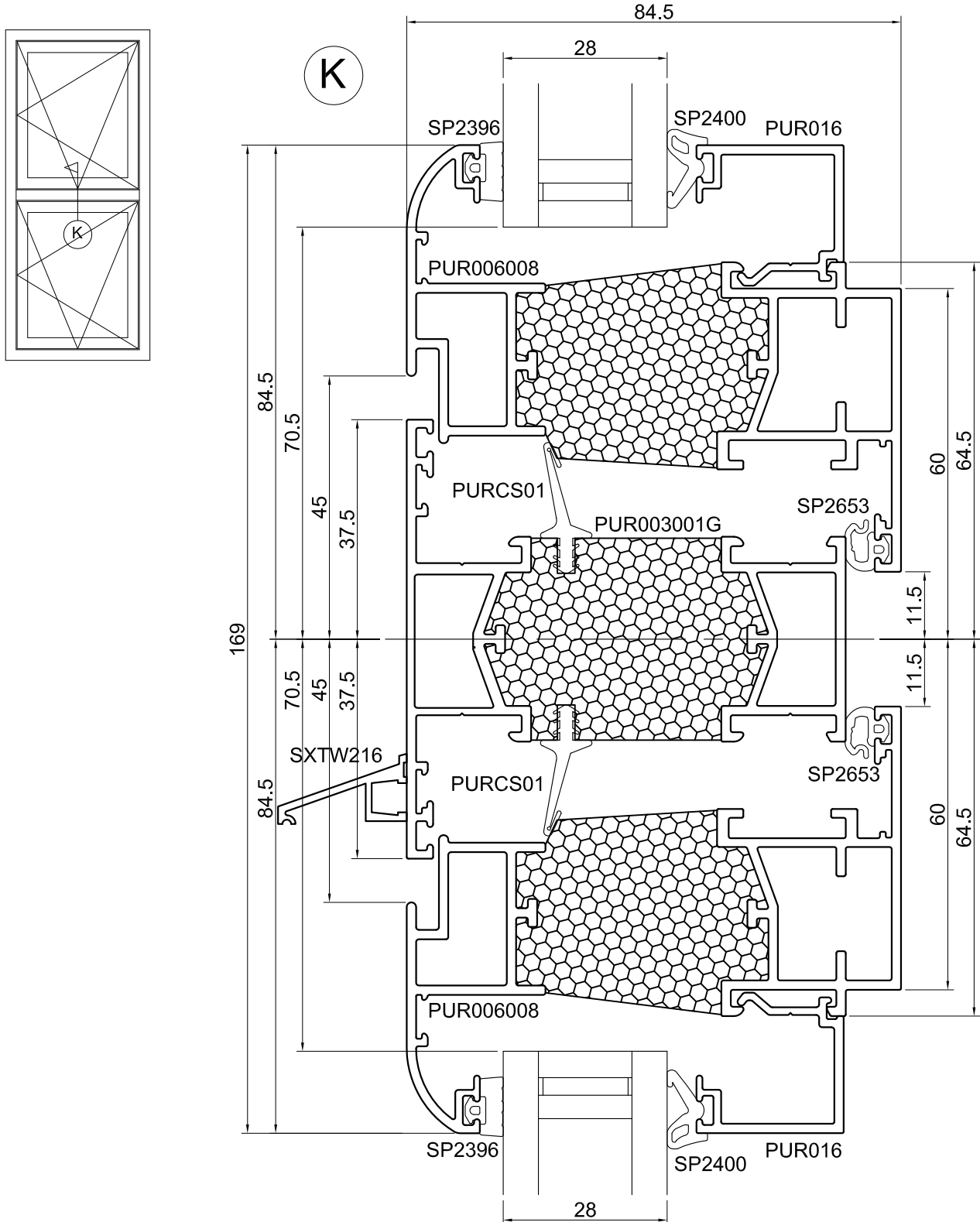
PURe.A.2104

Horizontal Cross Section - Mullion

01.18

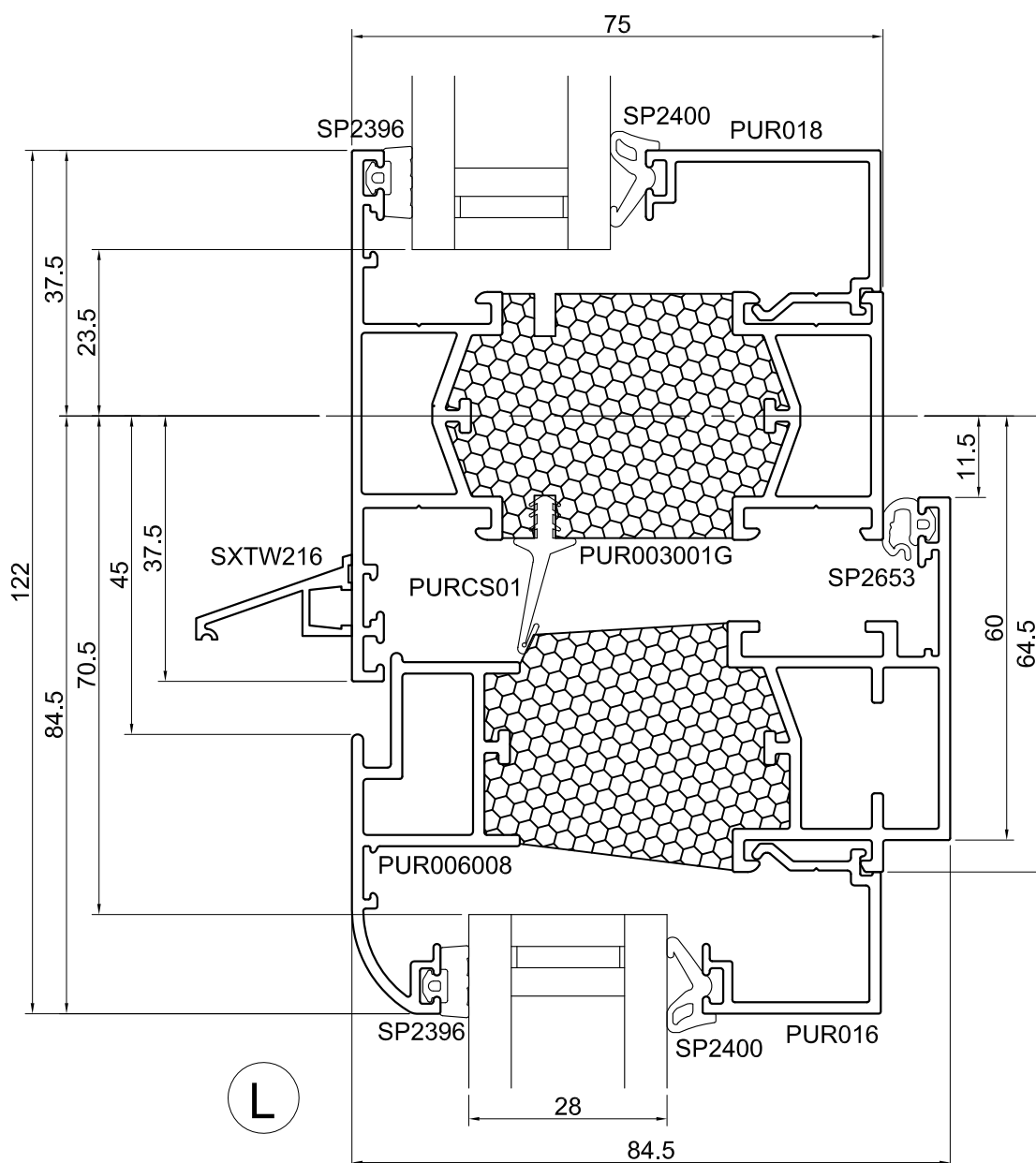






01.18

Vertical Cross Section - Transom

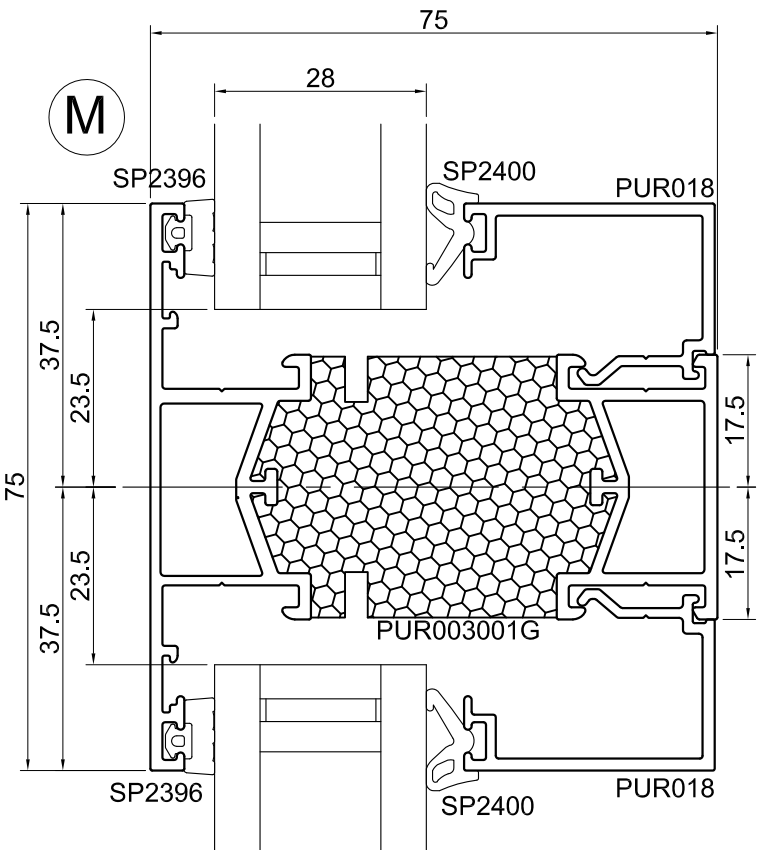
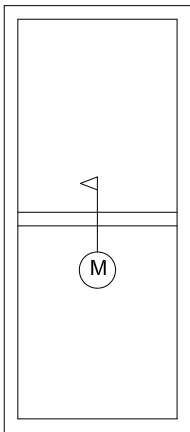


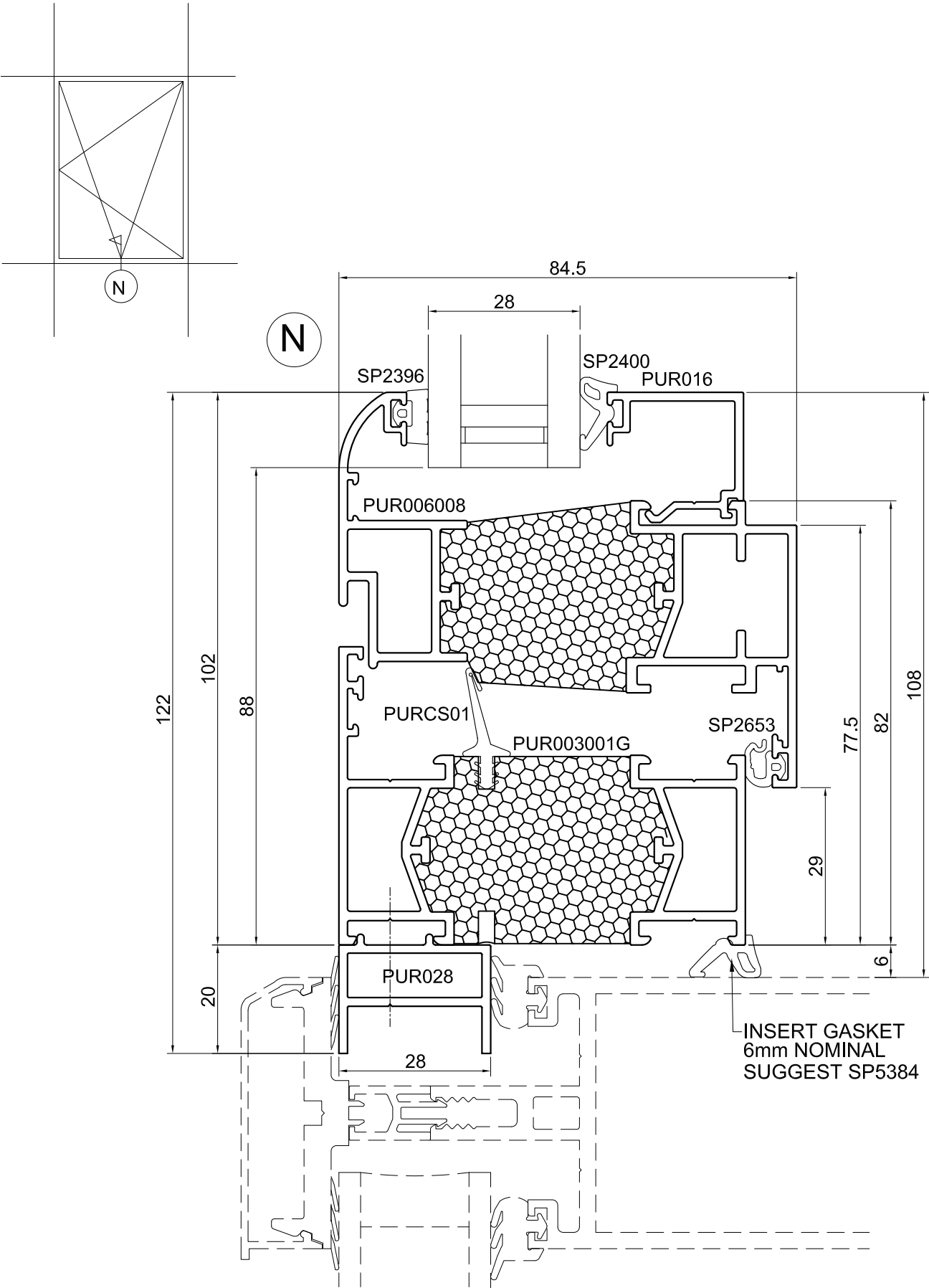
PUR_e Tilt Turn - Open In

PUR_e.A.2108

Vertical Cross Section - Fixed Light Transom

01.18



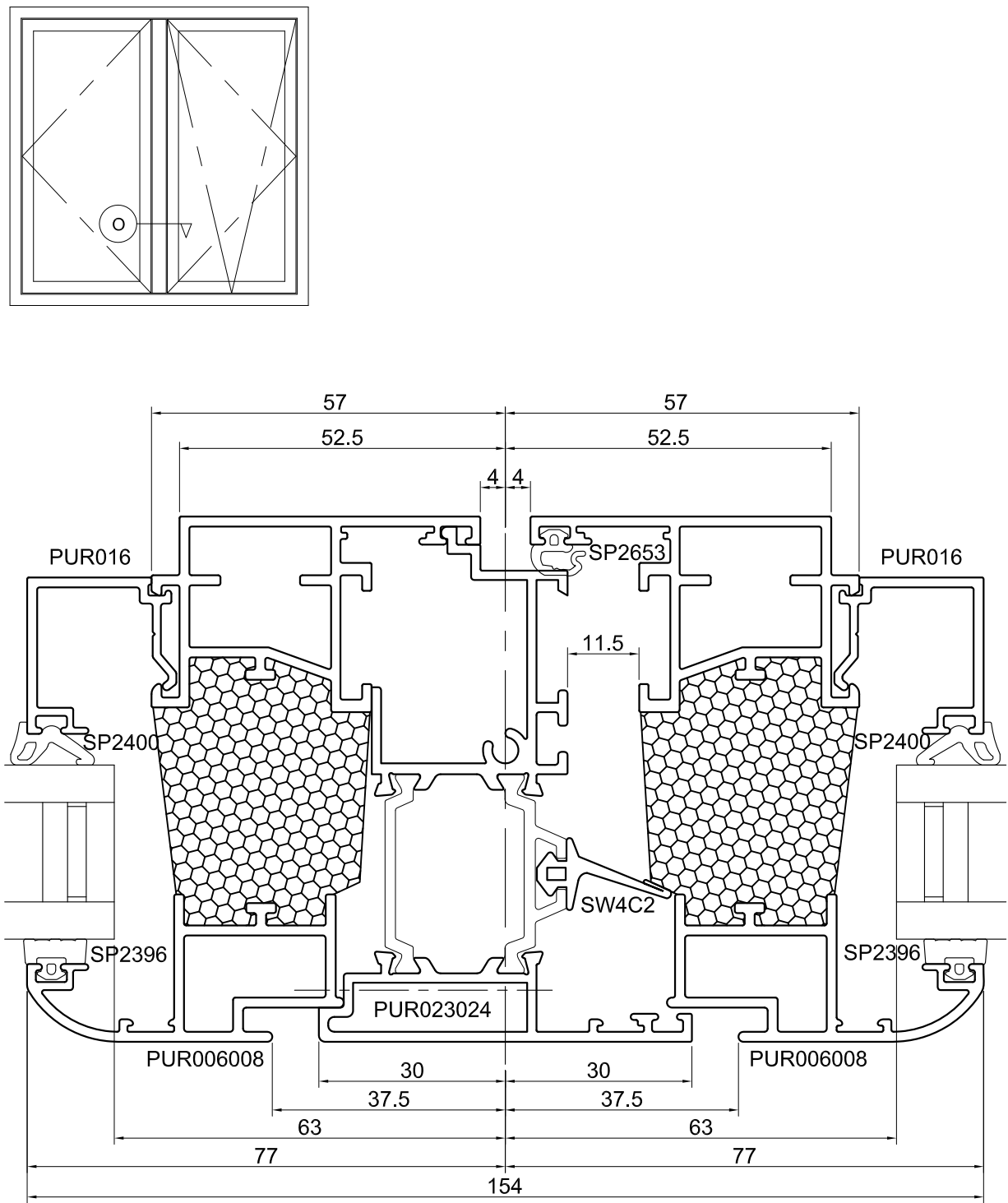


PURe Tilt Turn - Open In

PURe.A.2110

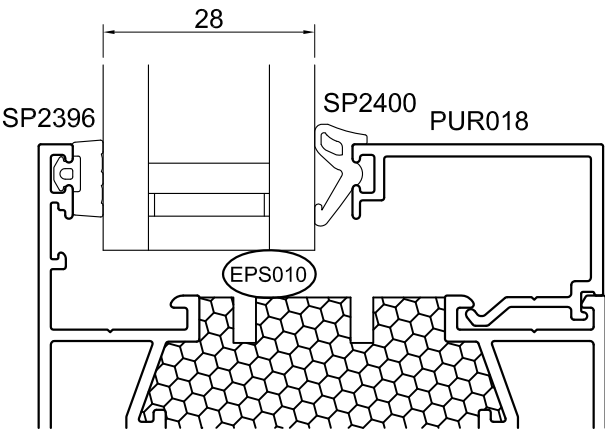
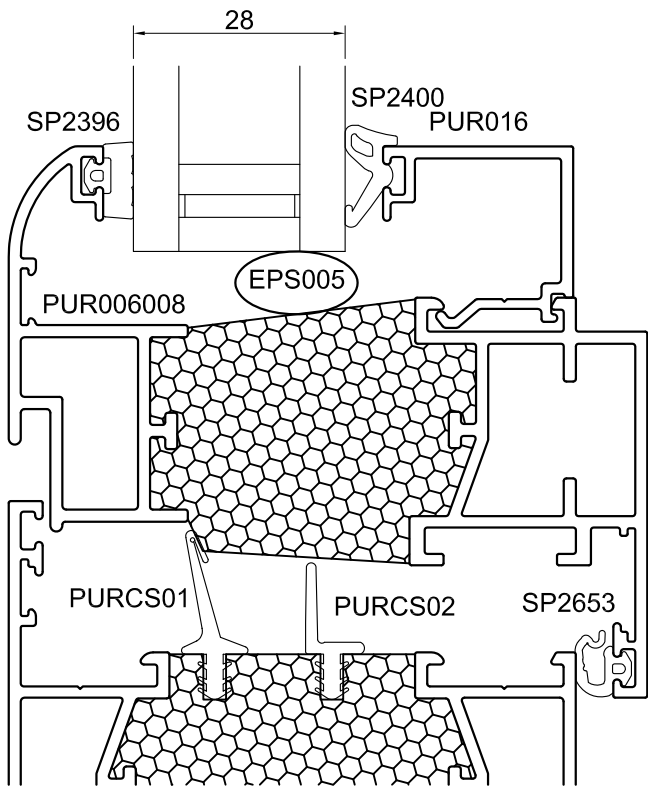
Horizontal Cross Section - Double Opening Radius Vent

01.18



PURe Tilt Turn - Open In

Vertical Cross Sections - Thermal Improvement

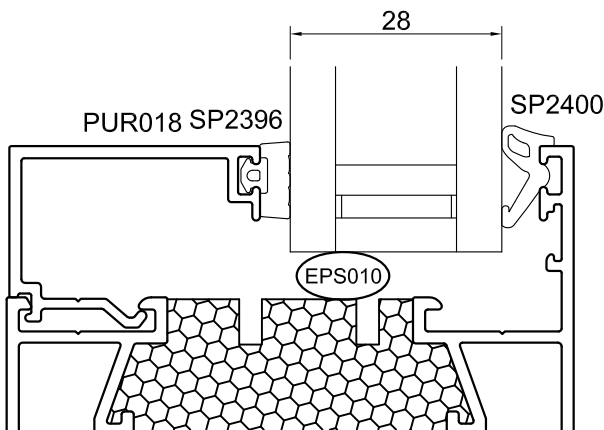


PUR_e Tilt Turn - Open In

PUR_e.A.2112

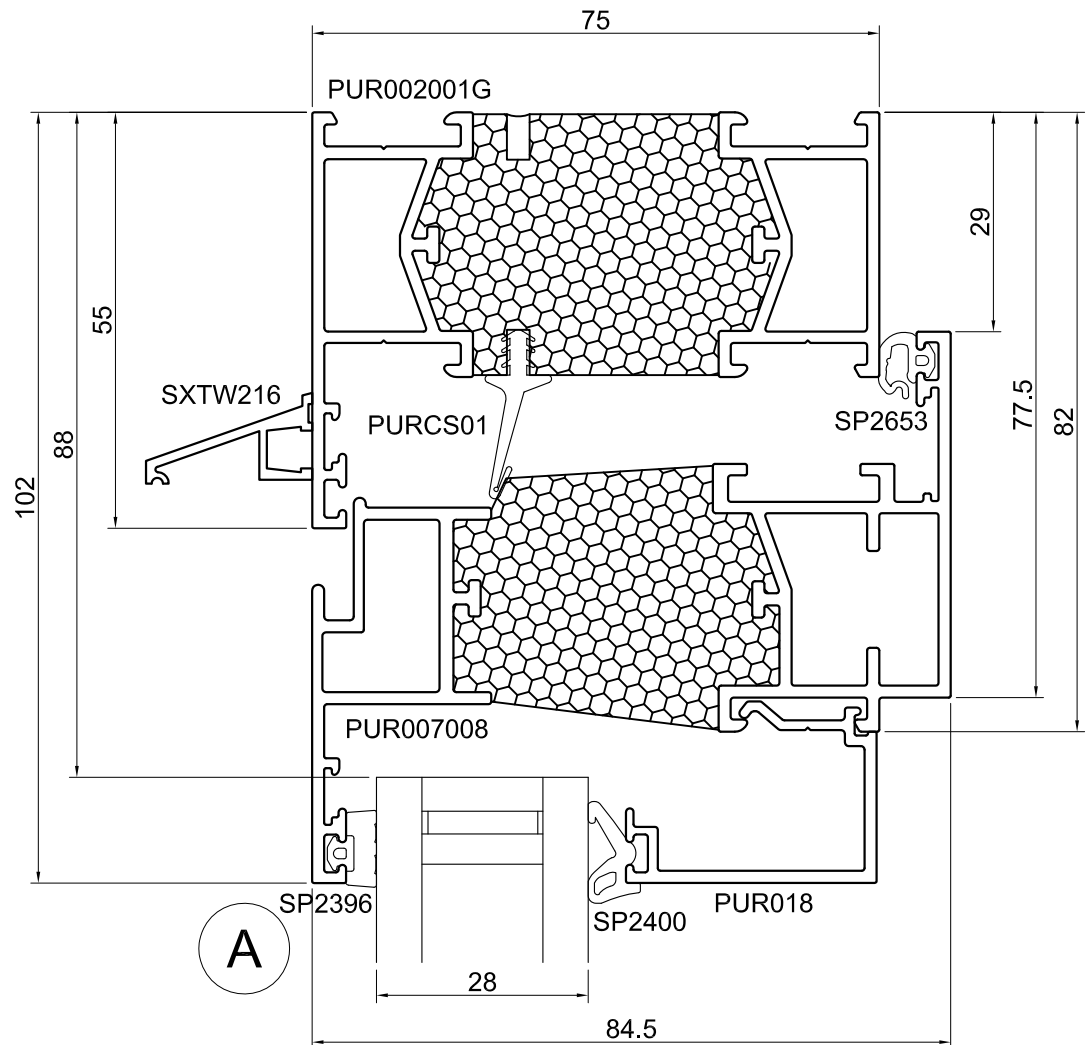
Vertical Cross Section - Thermal Improvement

01.18



01.18

Vertical Cross Sections - Head

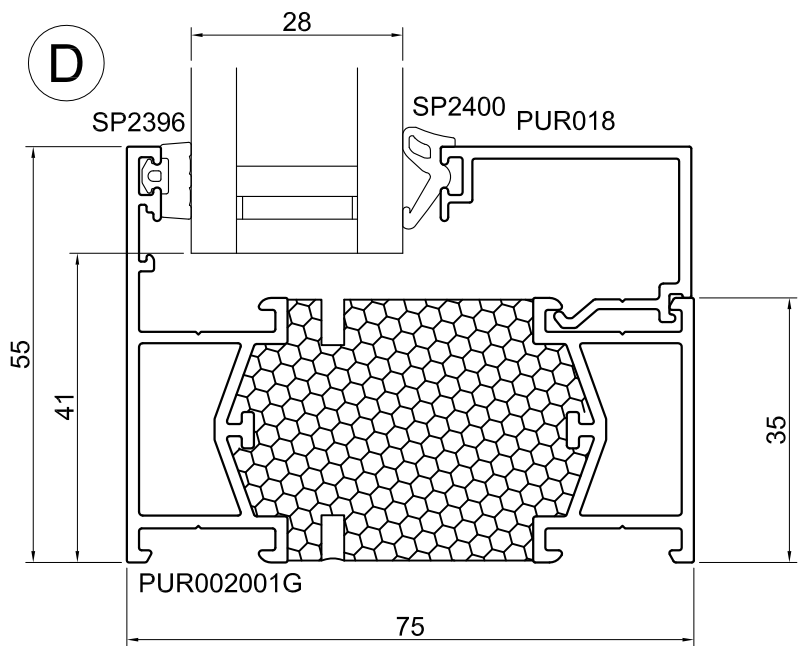
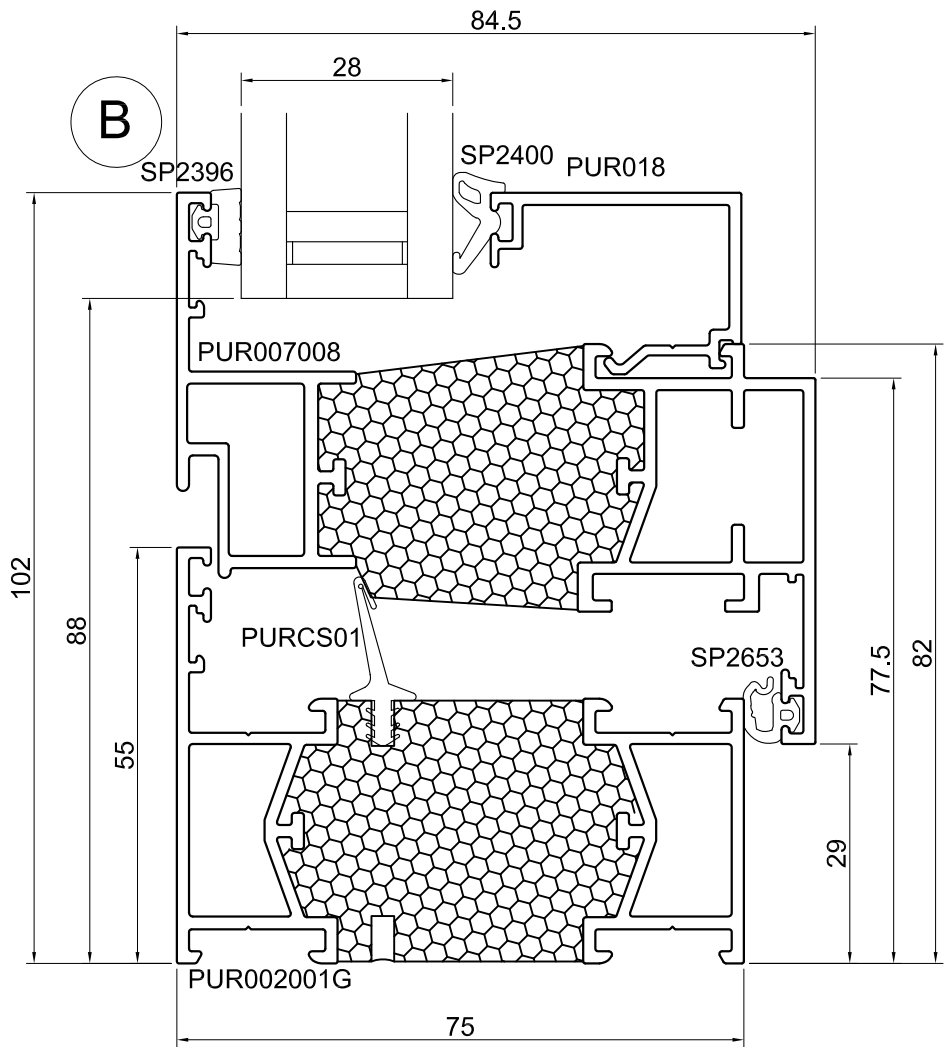


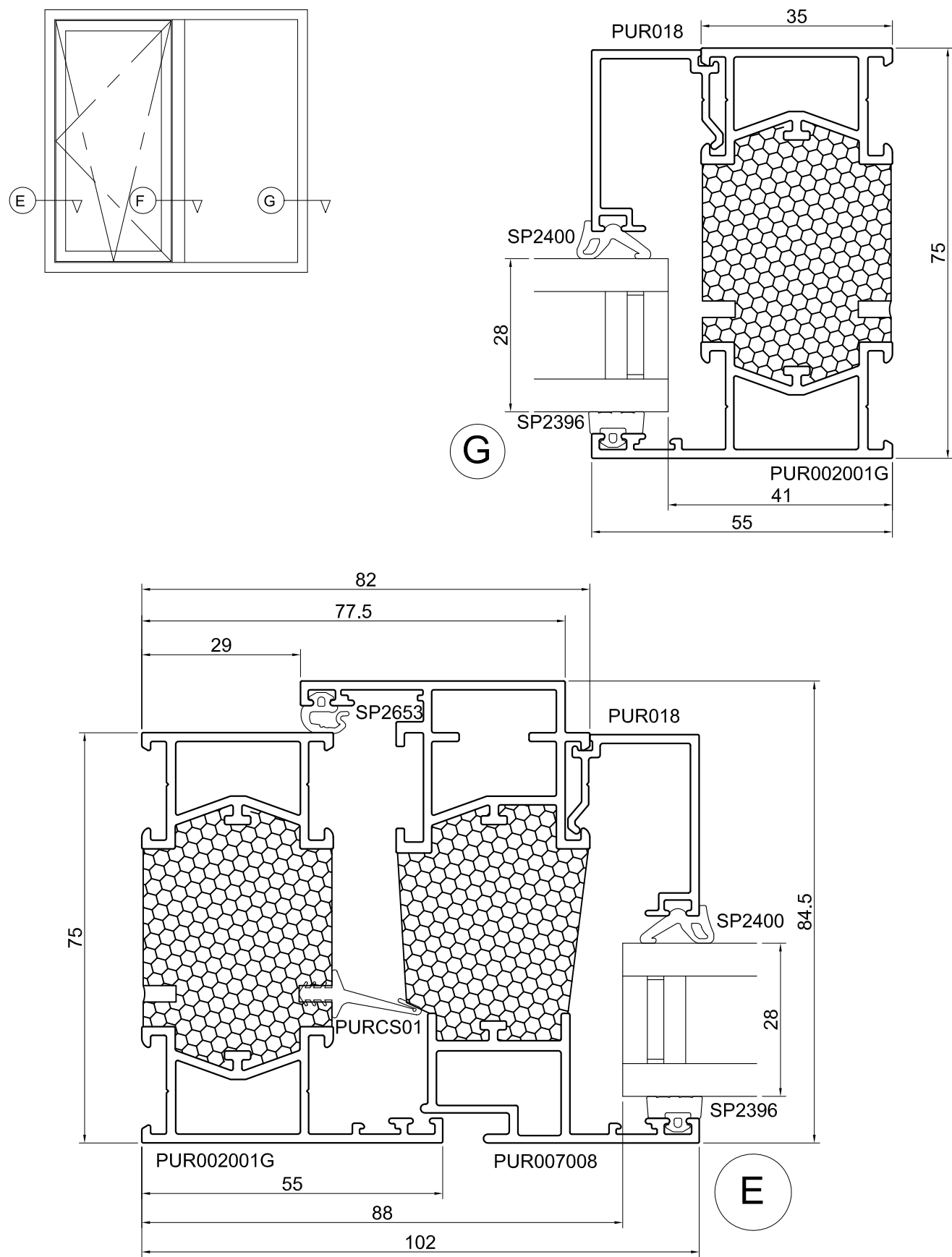
PURe Tilt Turn - Open In

PURe.A.2202

Vertical Cross Sections - Cill

01.18



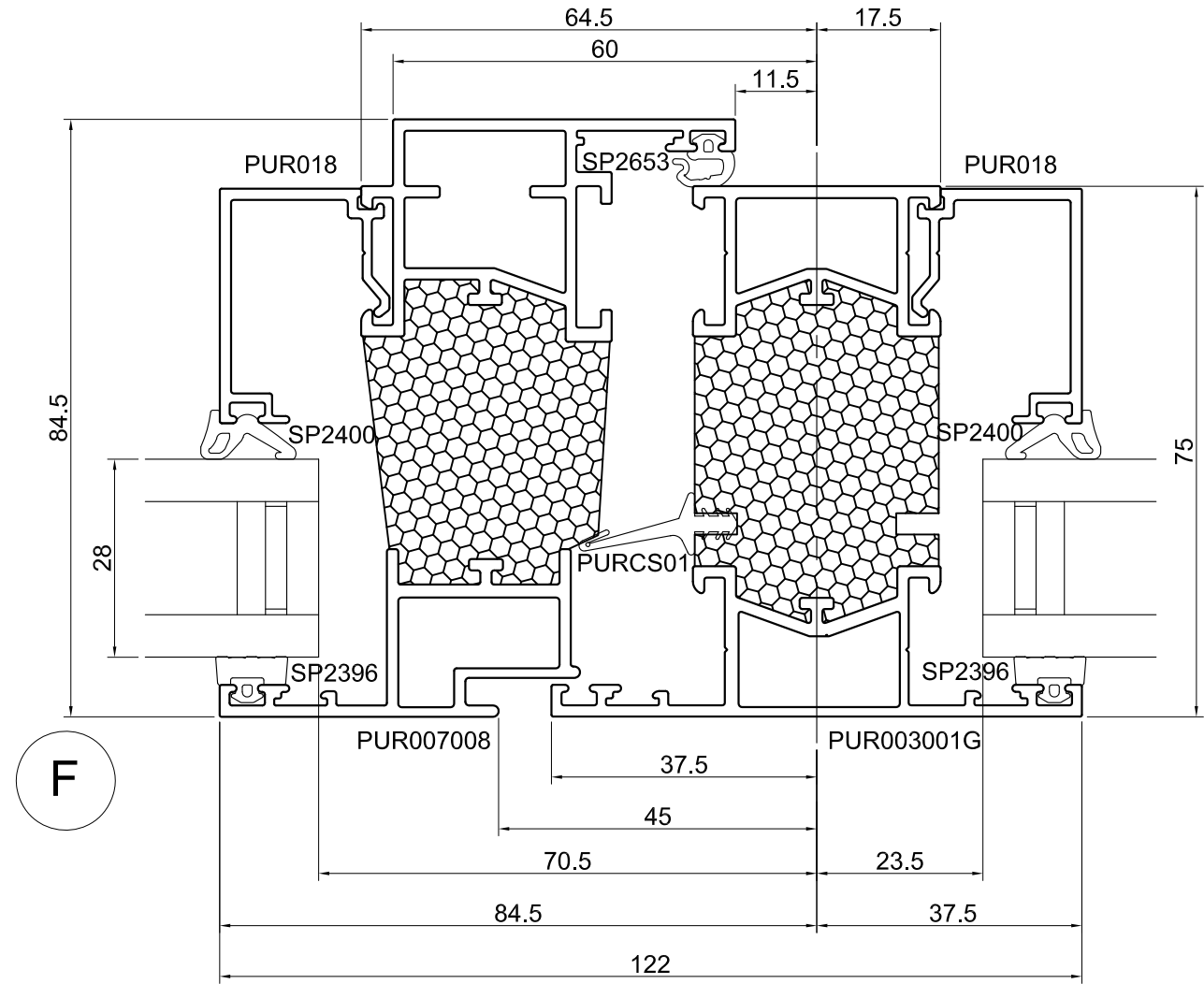


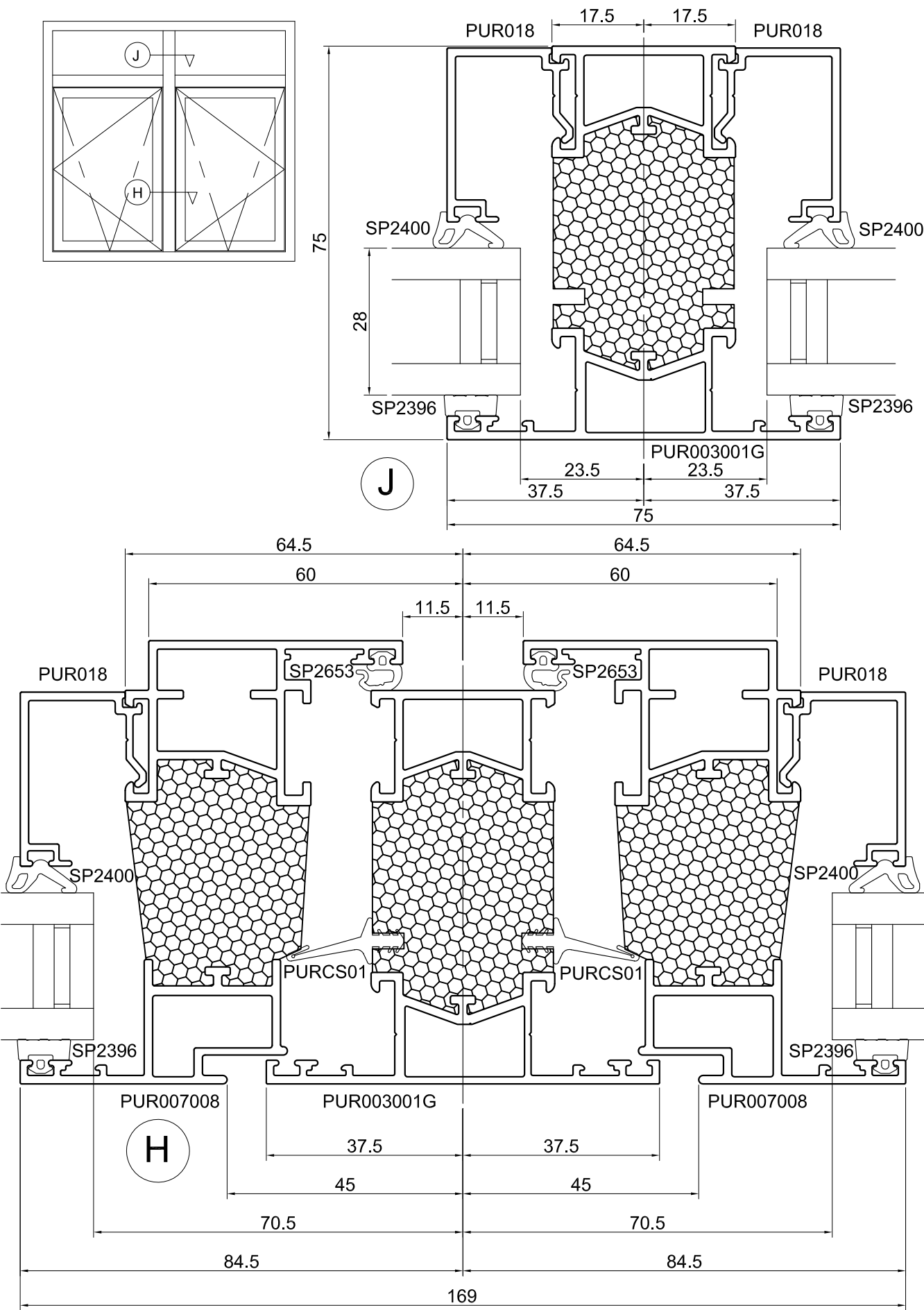
PURe Tilt Turn - Open In

PURe.A.2204

Horizontal Cross Section - Mullion

01.18



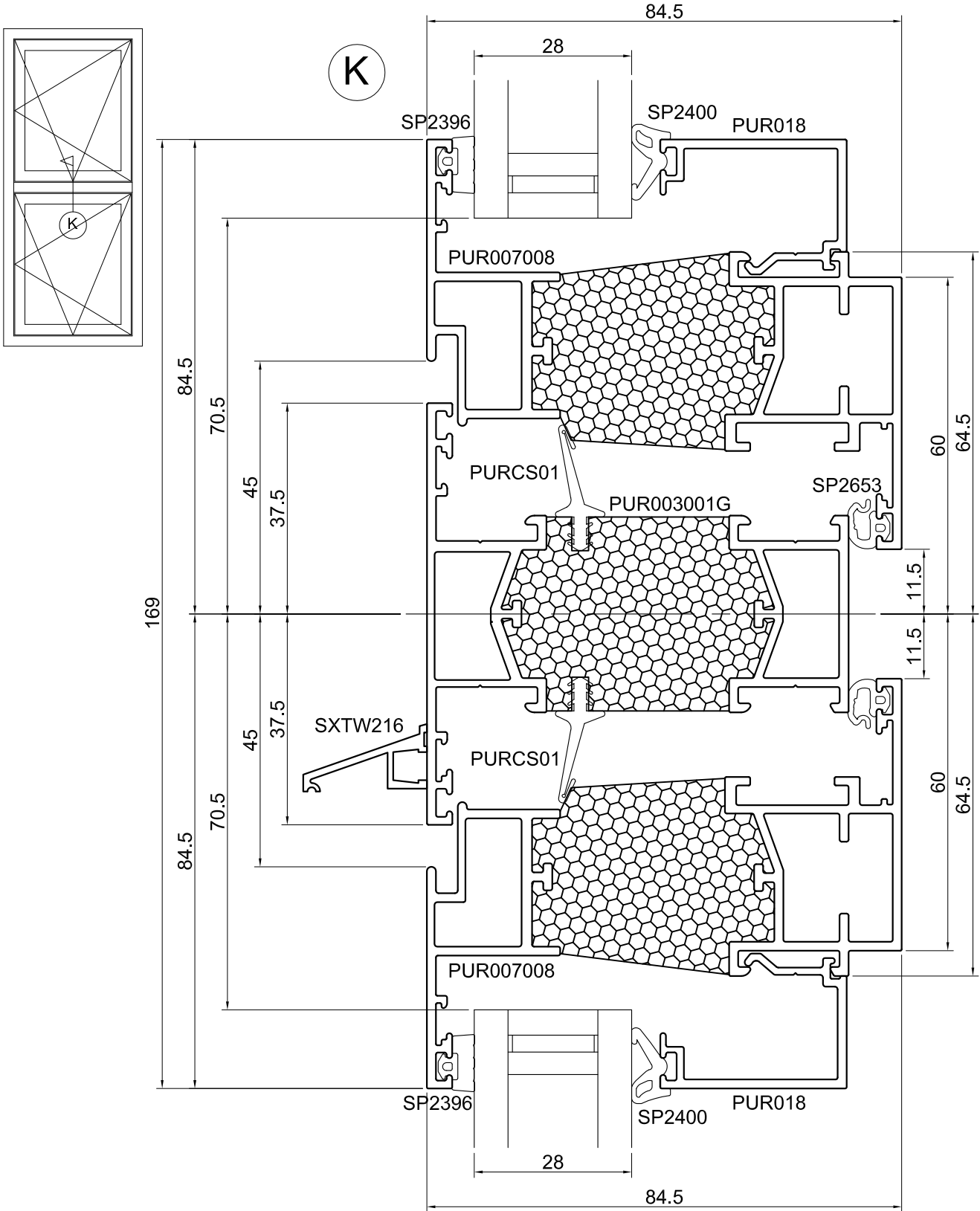


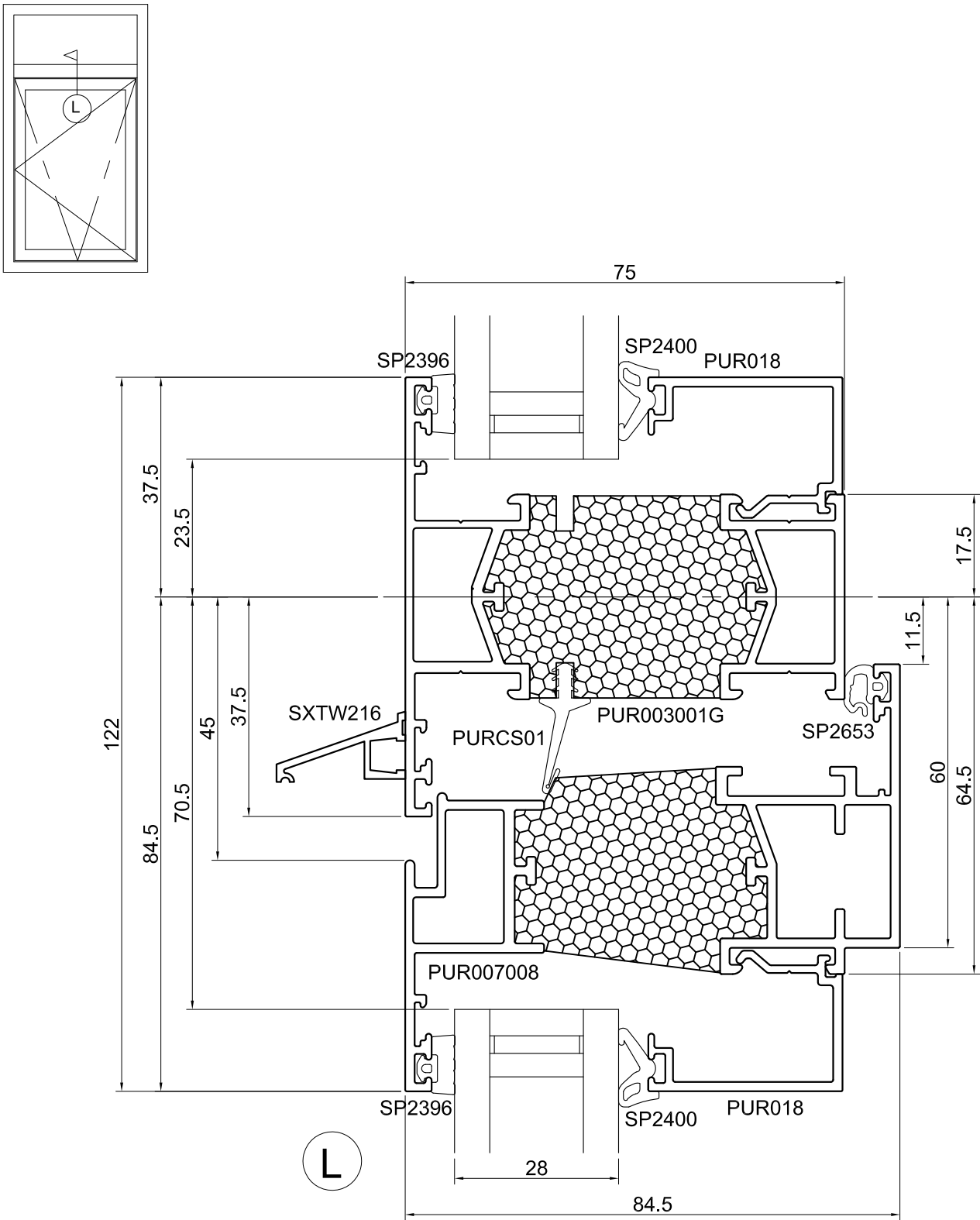
PUR_e Tilt Turn - Open In

PUR_e.A.2206

Vertical Cross Section - Transom

01.18



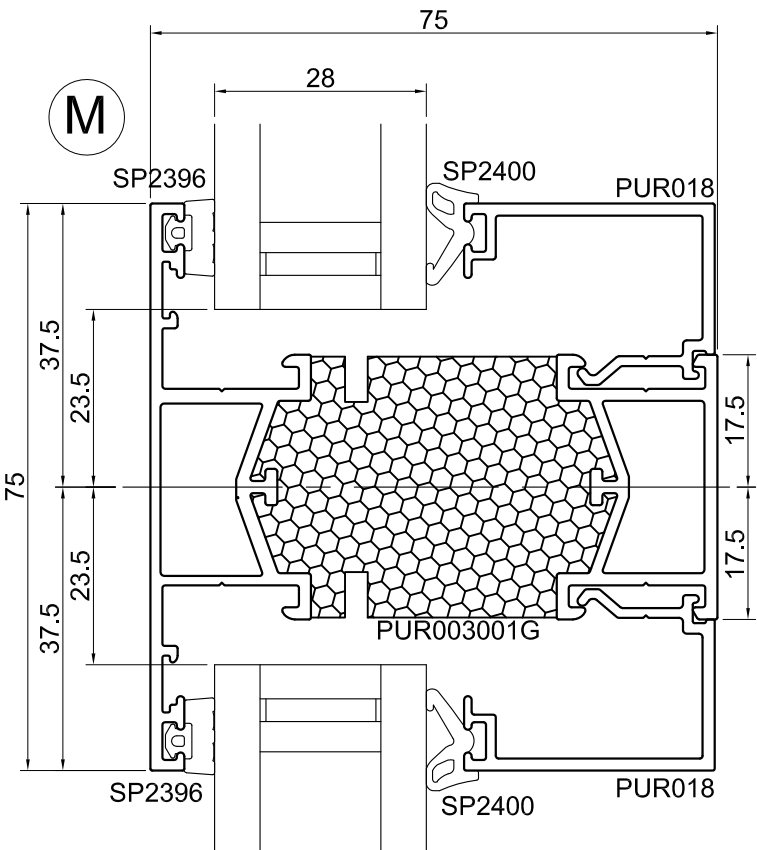
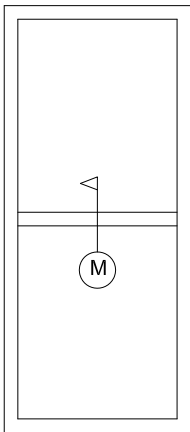


PUR_e Tilt Turn - Open In

PUR_e.A.2208

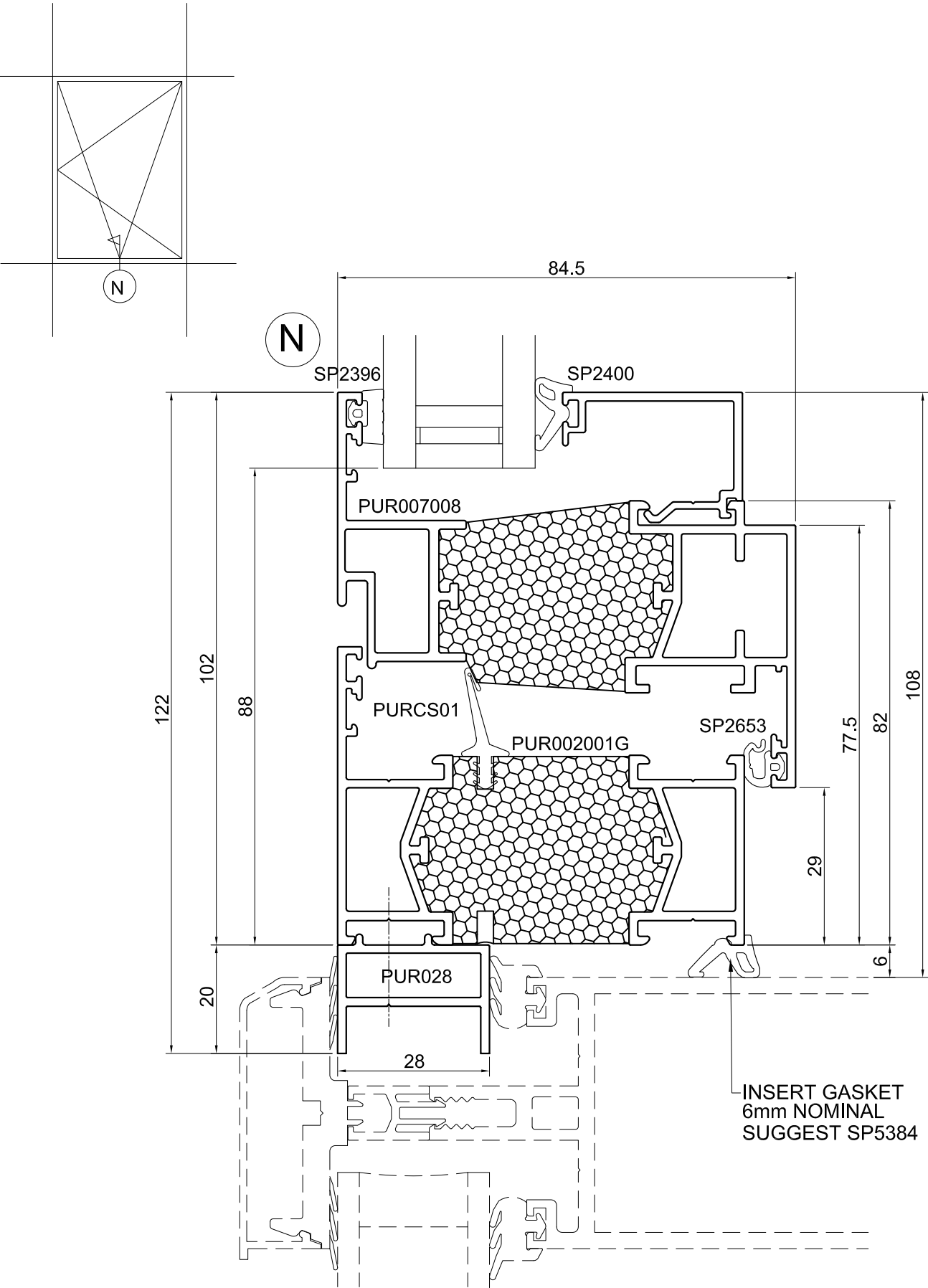
Vertical Cross Section - Fixed Light Transom

01.18



PURe Tilt Turn - Open In

Vertical Cross Section - Curtain Wall Adaptor

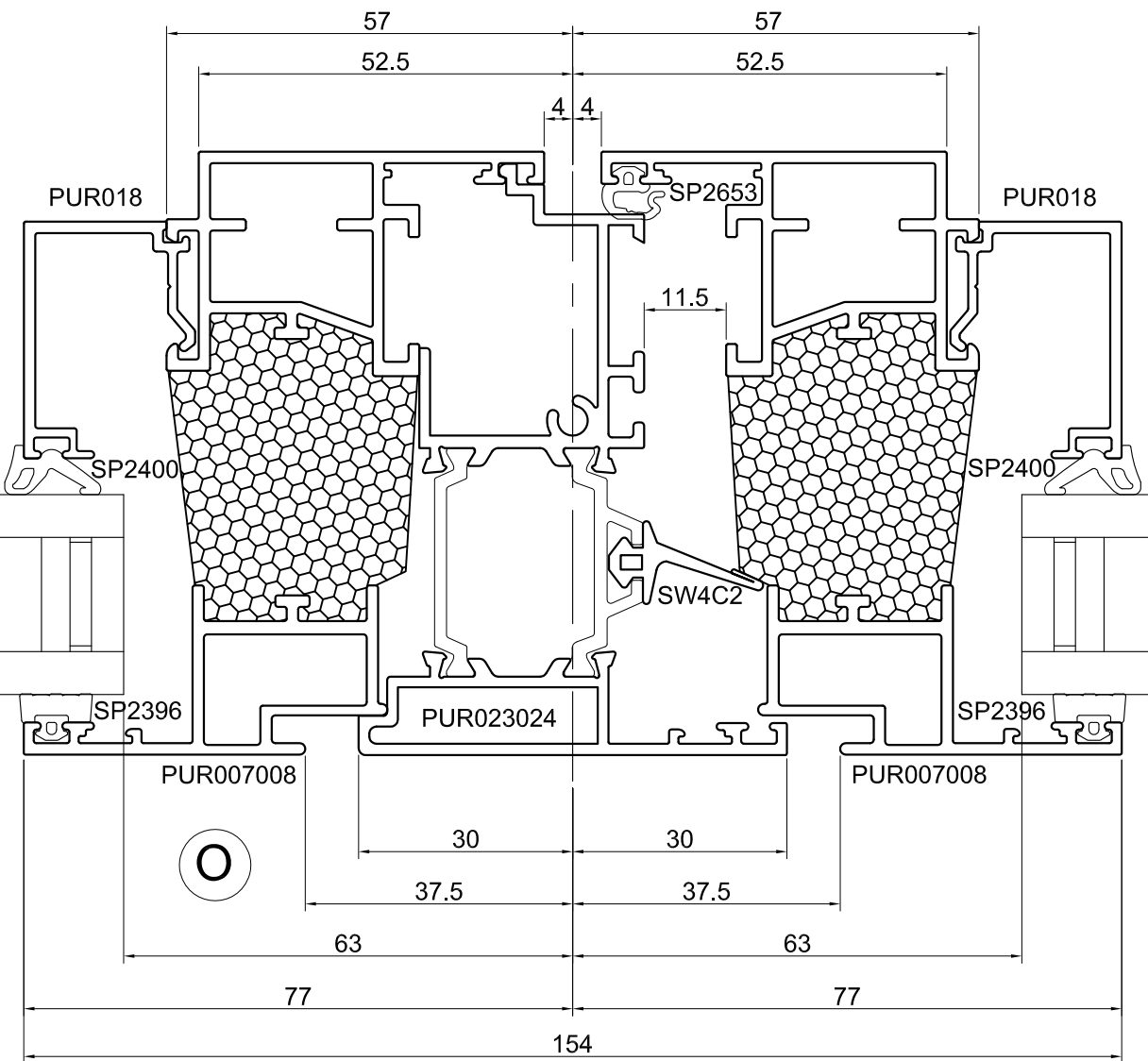
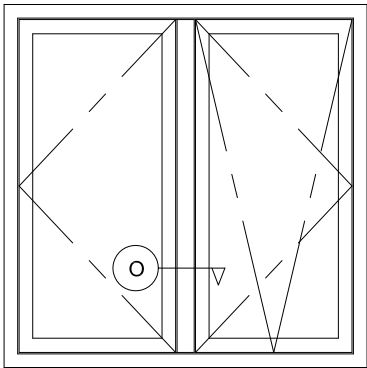


PURe Tilt Turn - Open In

PURe.A.2210

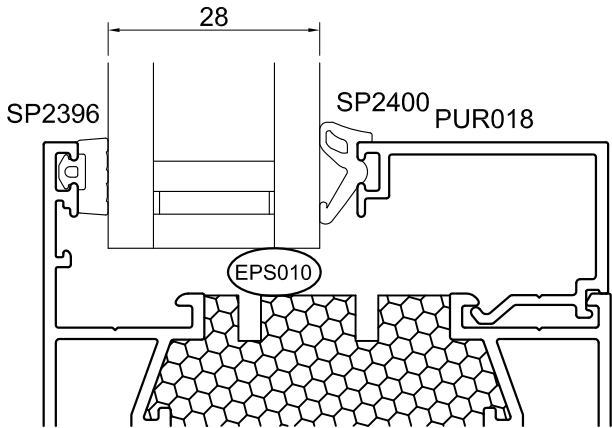
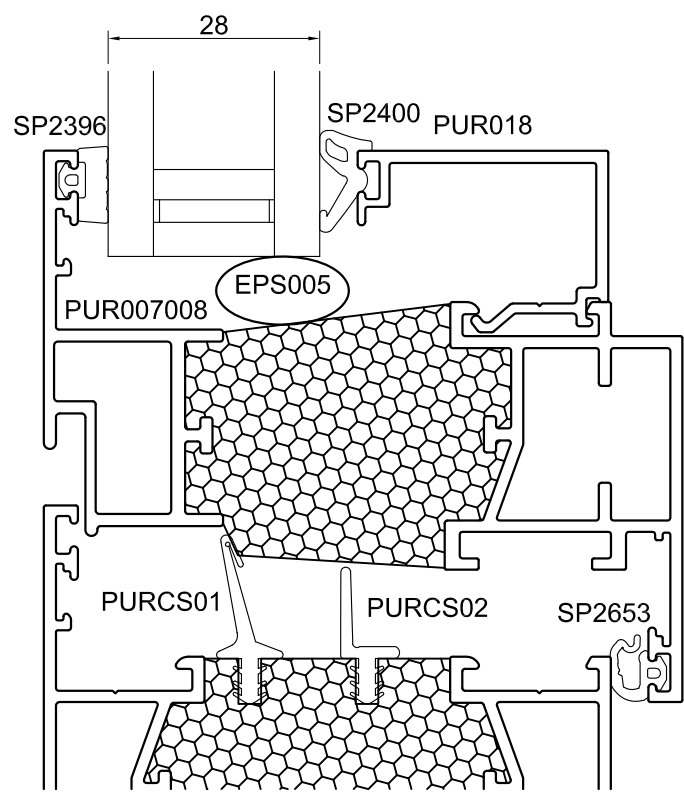
Horizontal Cross Section - Double Opening Vent

01.18



PURe Tilt Turn - Open In

Vertical Cross Sections - Thermal Improvement

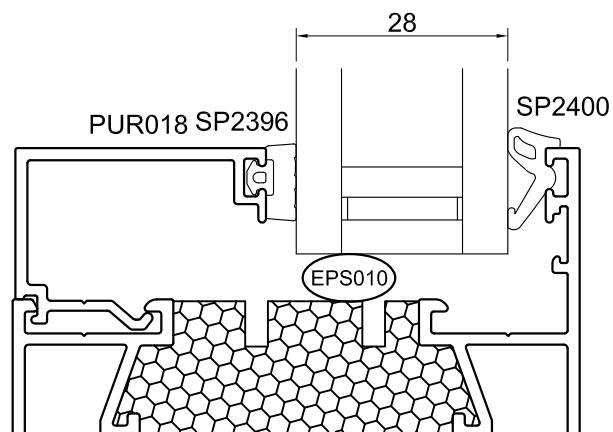


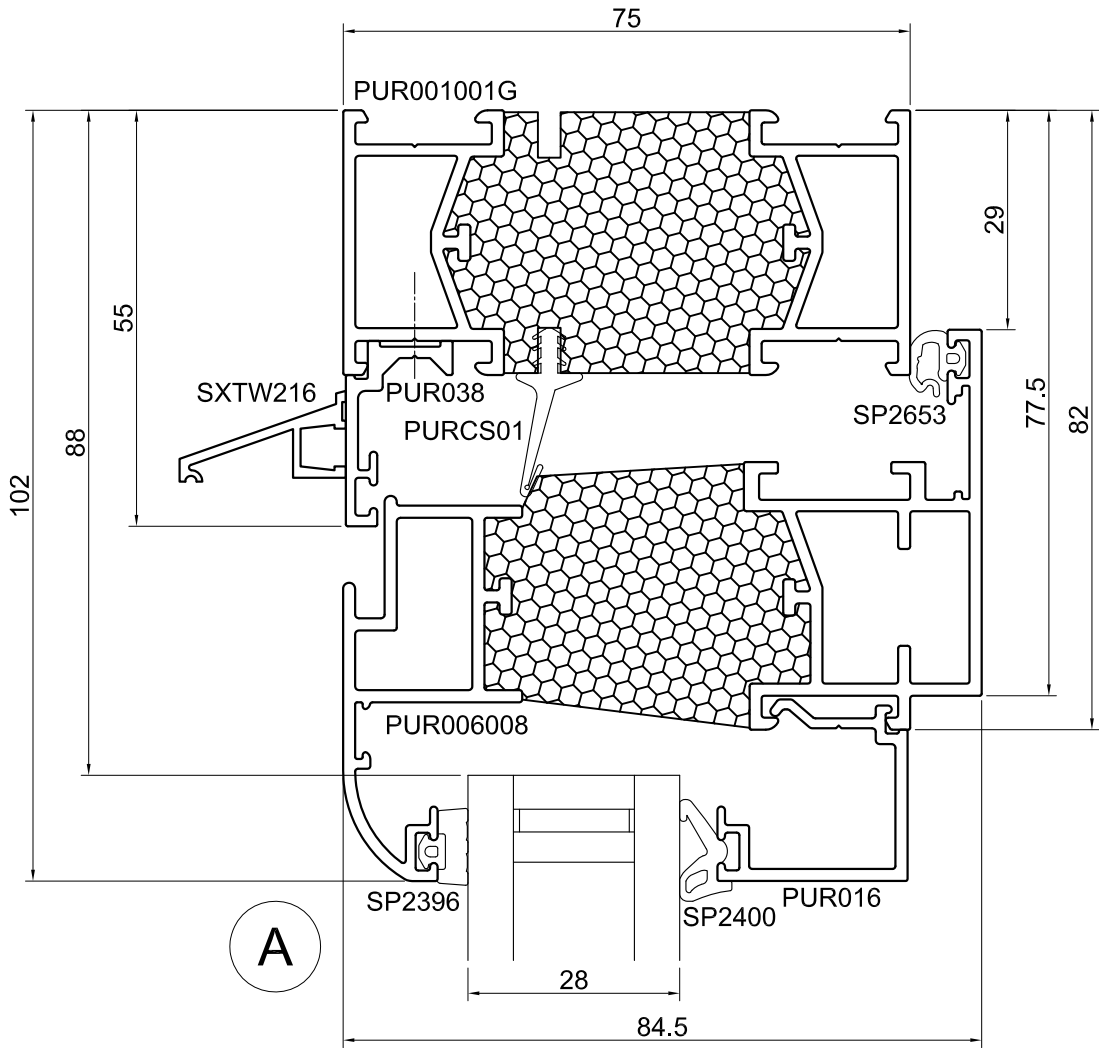
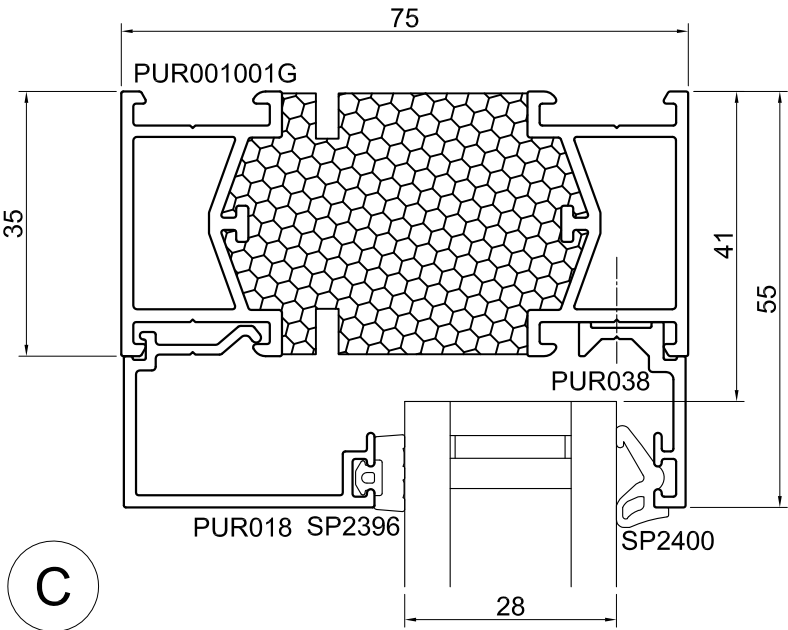
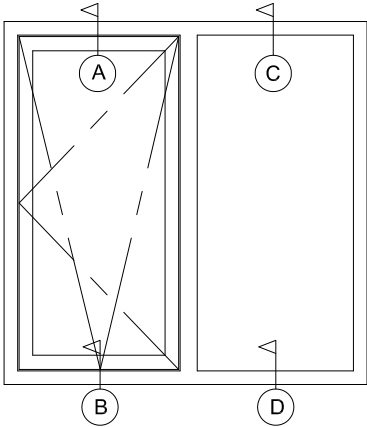
PUR_e Tilt Turn - Open In

PUR_e.A.2212

Vertical Cross Section - Thermal Improvement

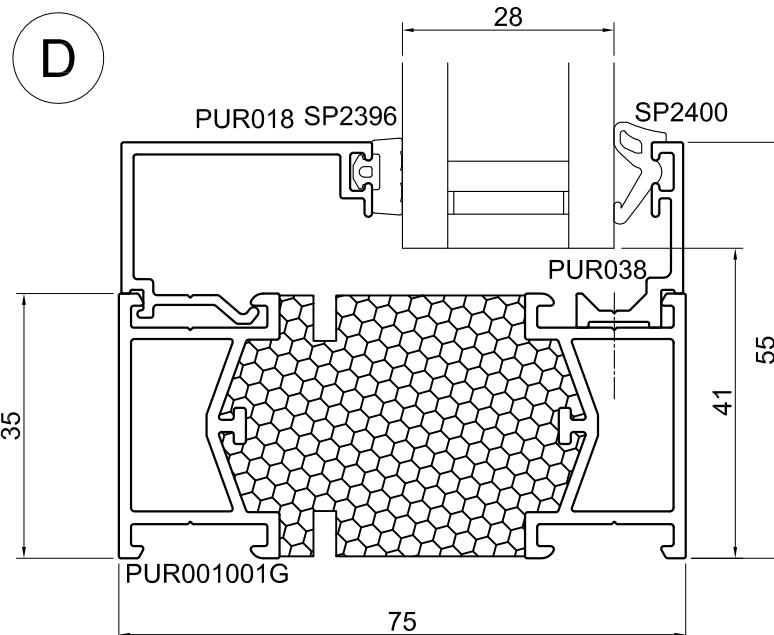
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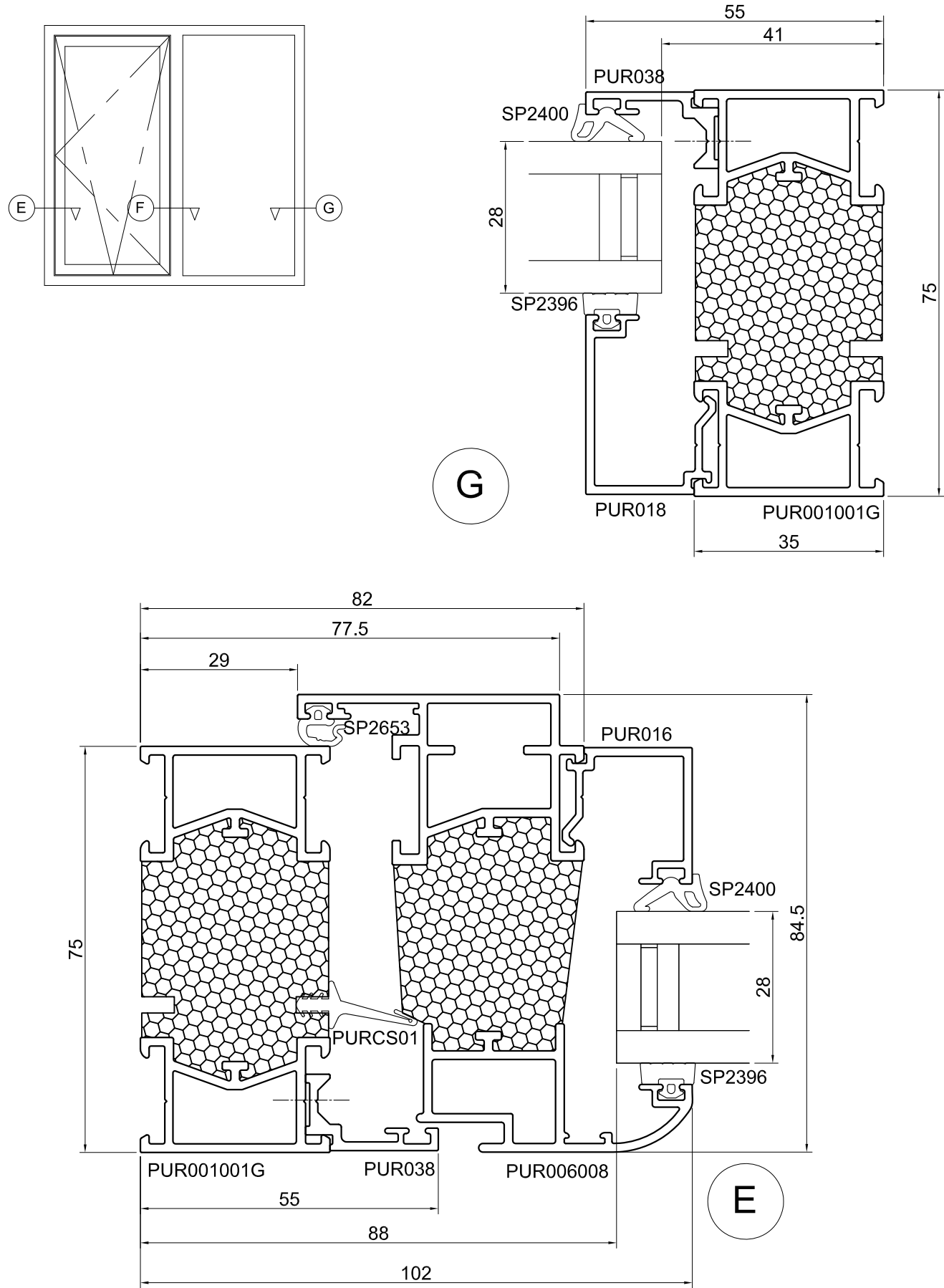




Vertical Cross Section - Cill

01.18



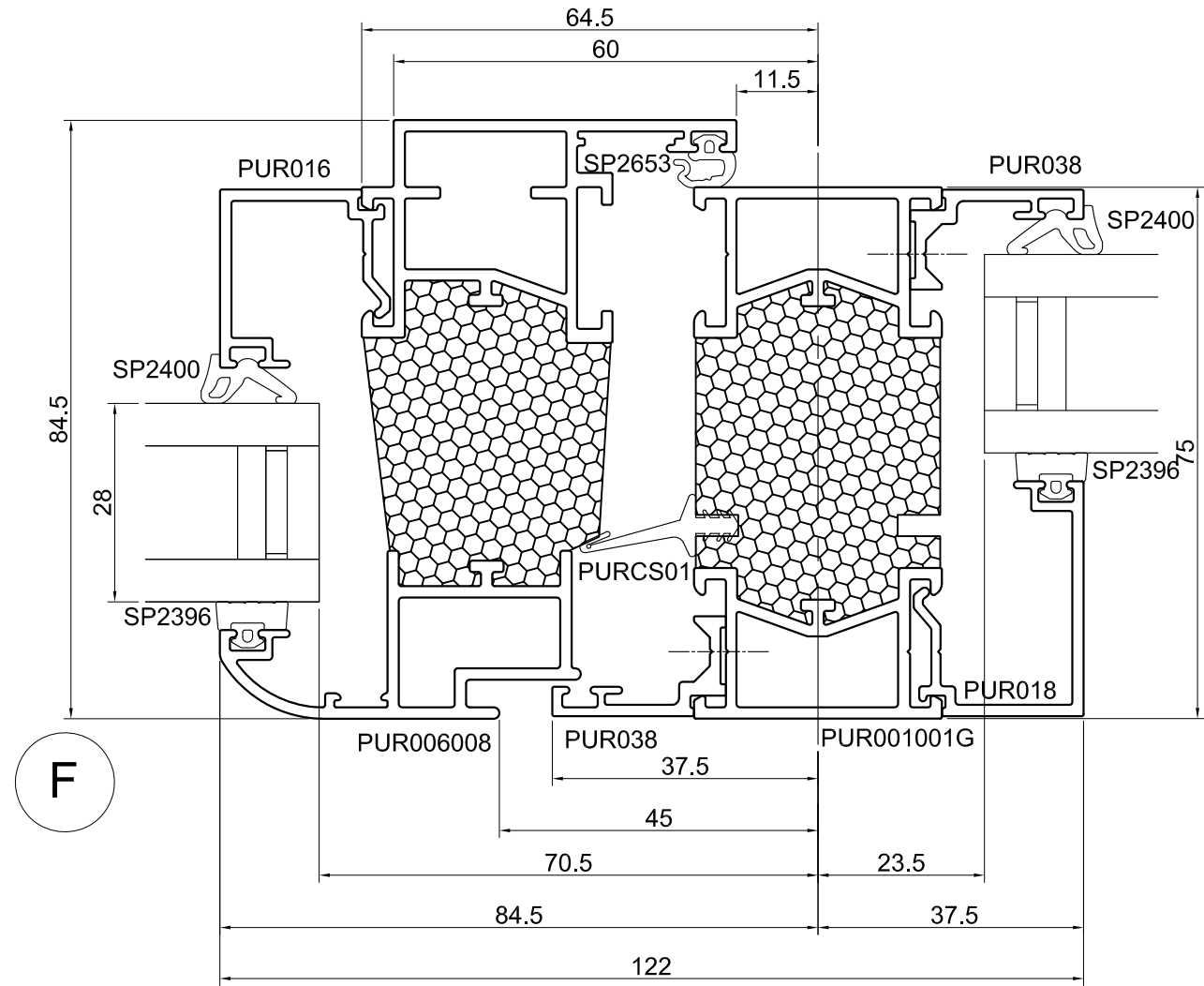


PUR_e Tilt Turn - Open In

PUR_e.A.2304

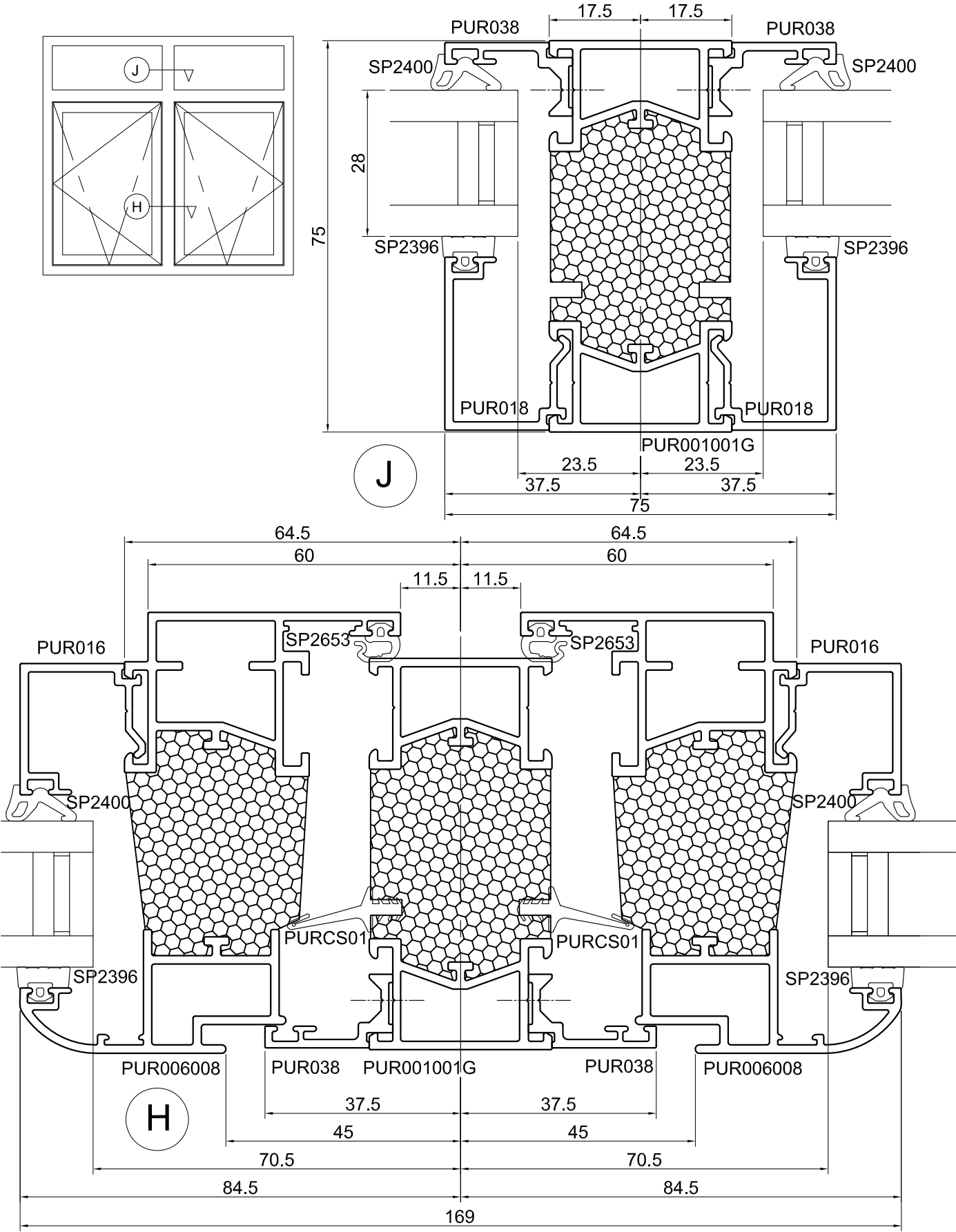
Horizontal Cross Section - Mullion

01.18



PURe Tilt Turn - Open In

Horizontal Cross Section - Mullion

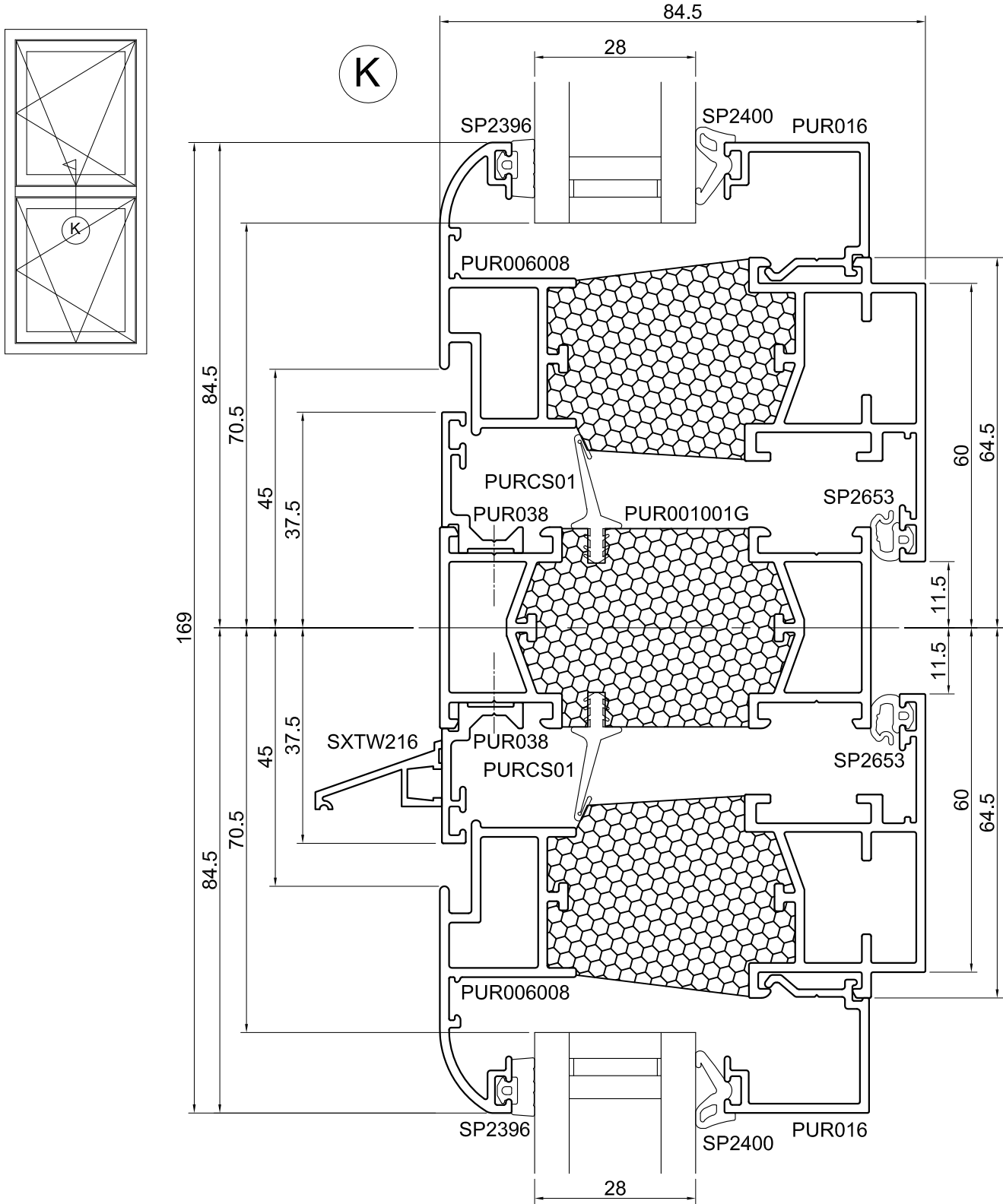


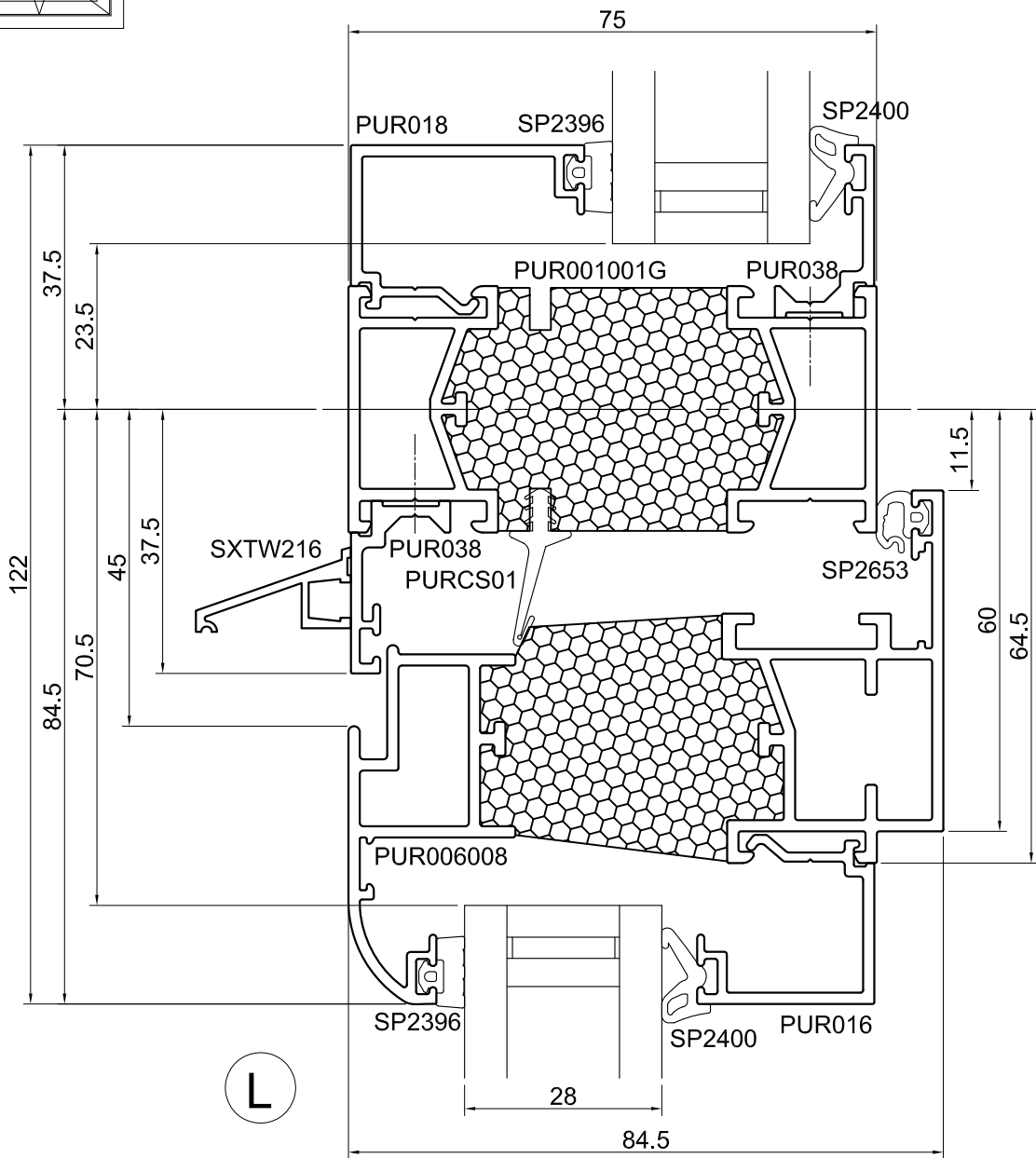
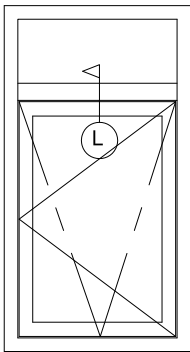
PUR_e Tilt Turn - Open In

PUR_e.A.2306

Vertical Cross Section - Transom

01.18



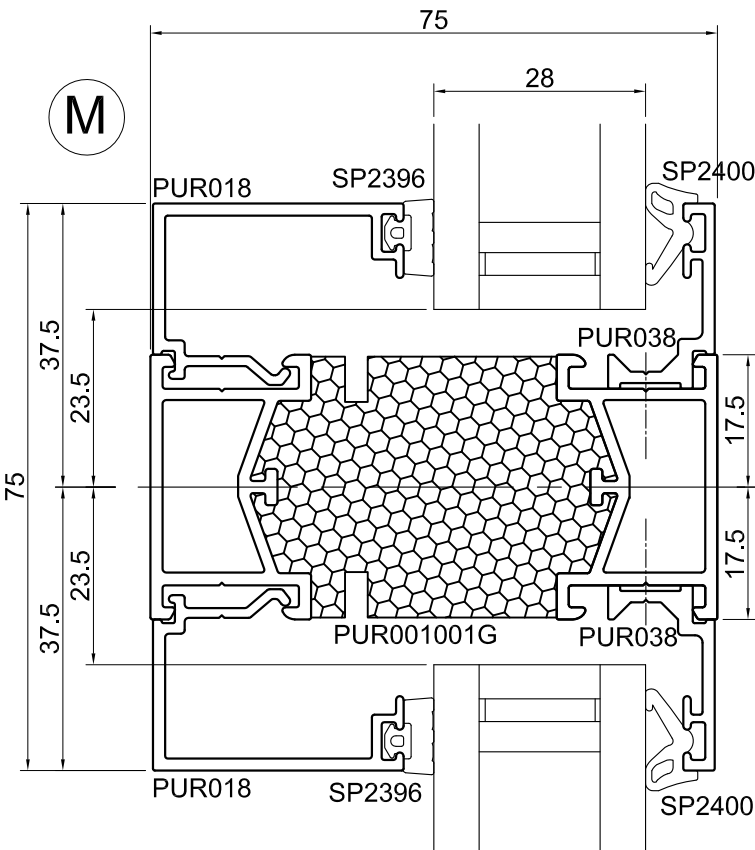
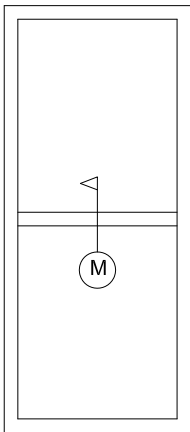


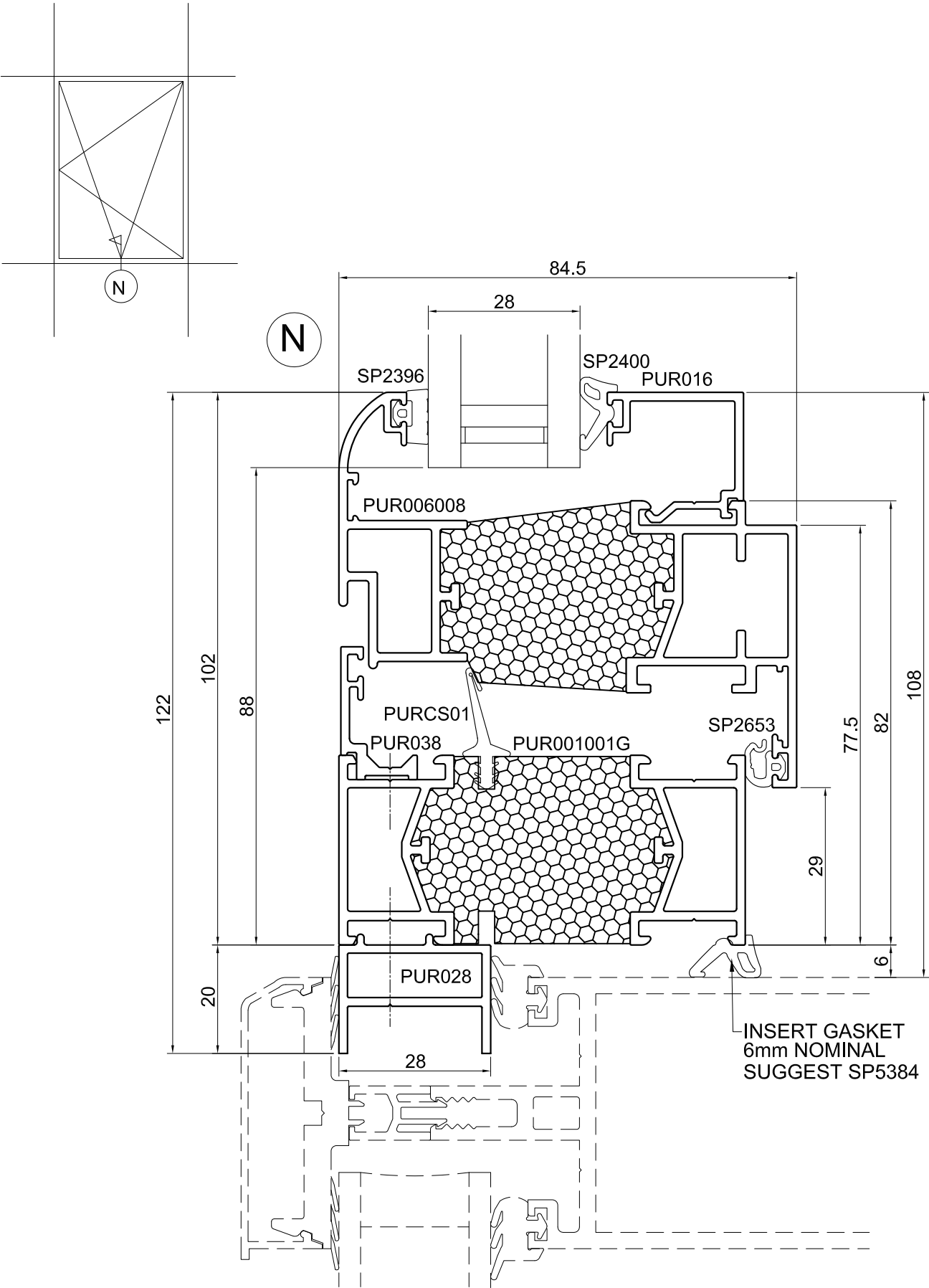
PUR_e Tilt Turn - Open In

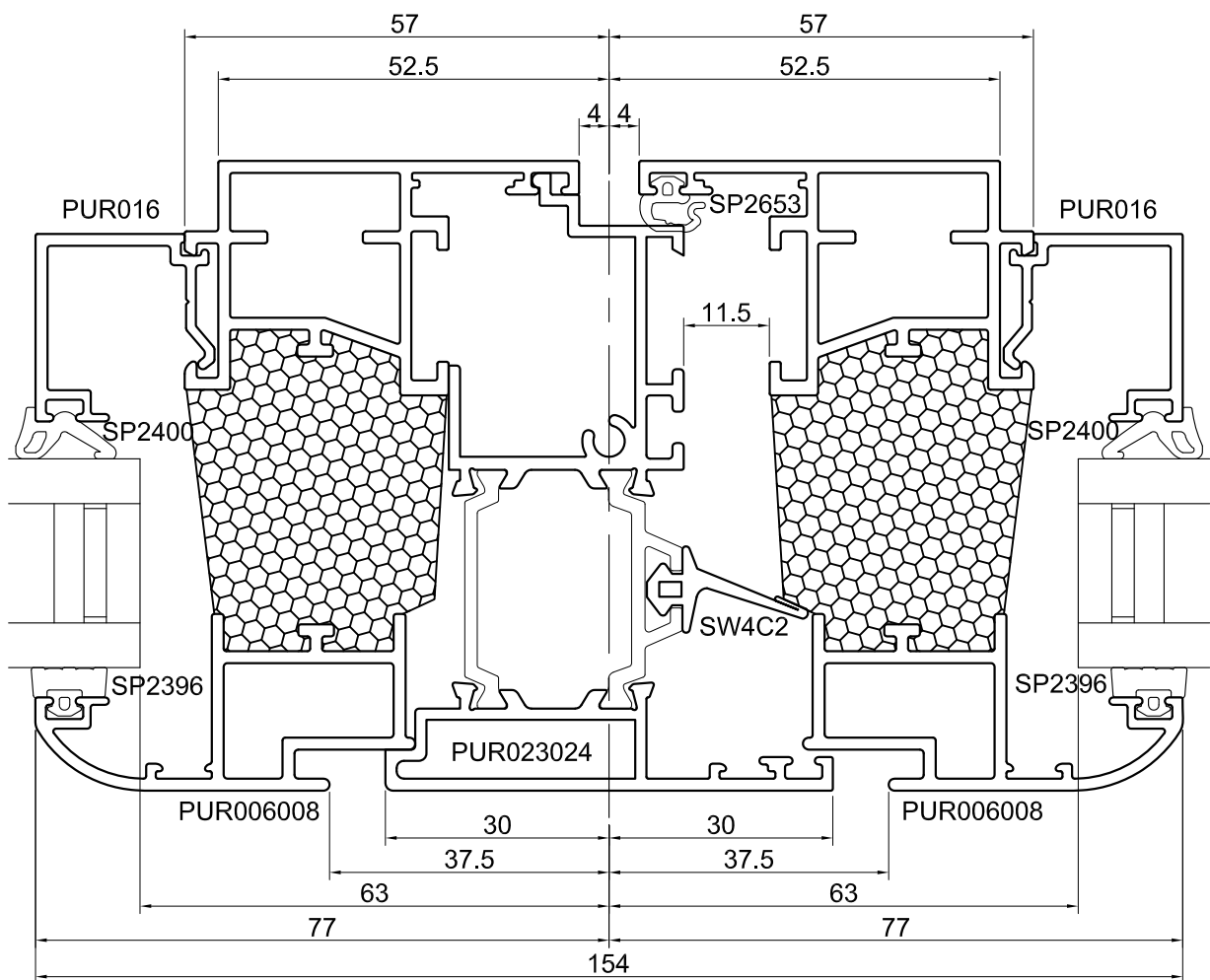
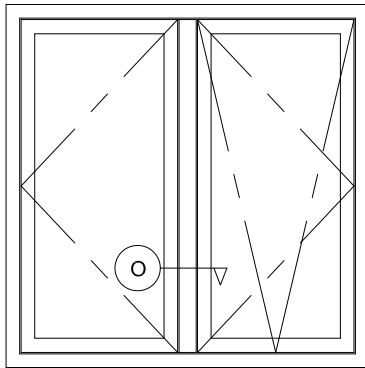
PUR_e.A.2308

Vertical Cross Section - Fixed Light Transom

01.18



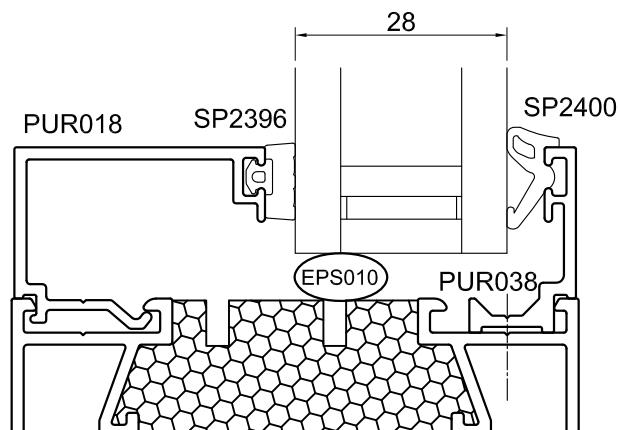
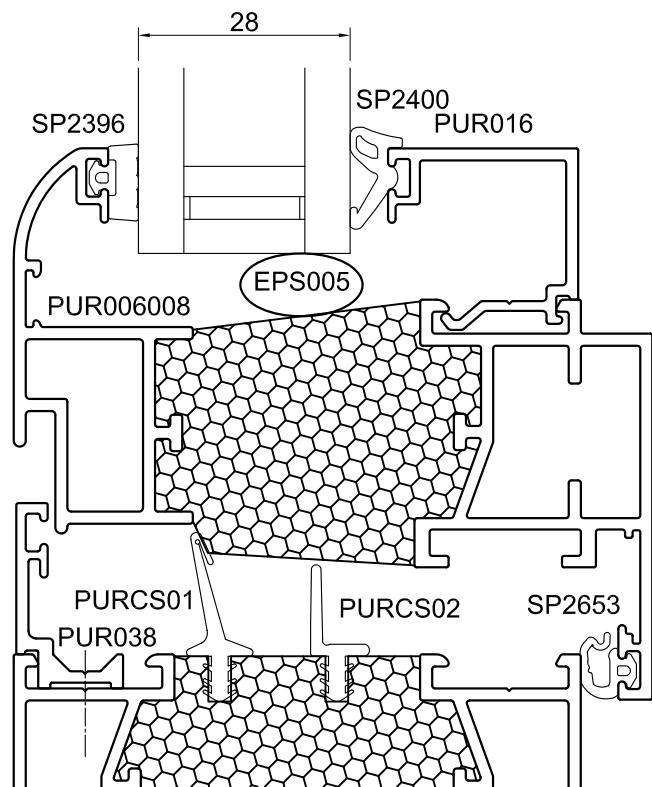




○

PURe Tilt Turn - Open In

Vertical Cross Sections - Thermal Improvement

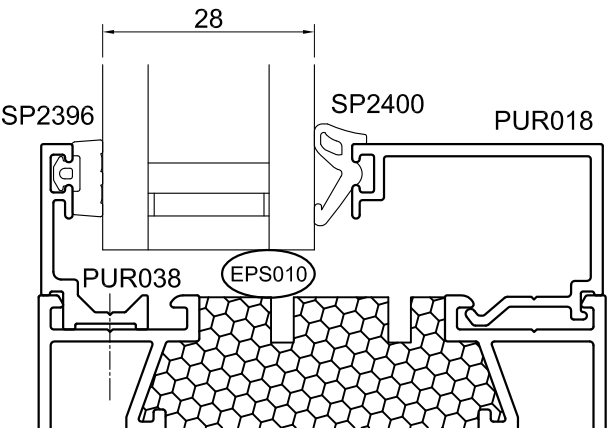


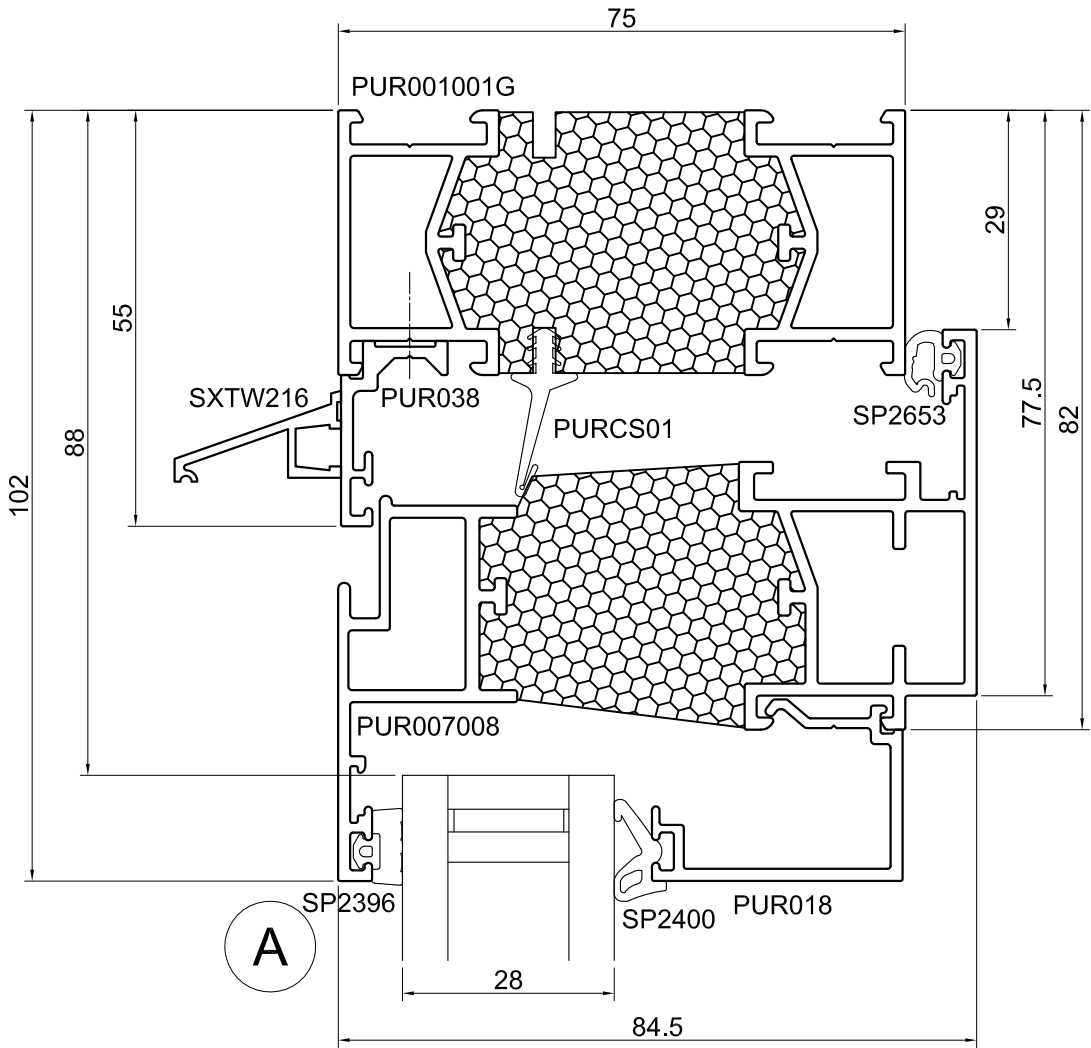
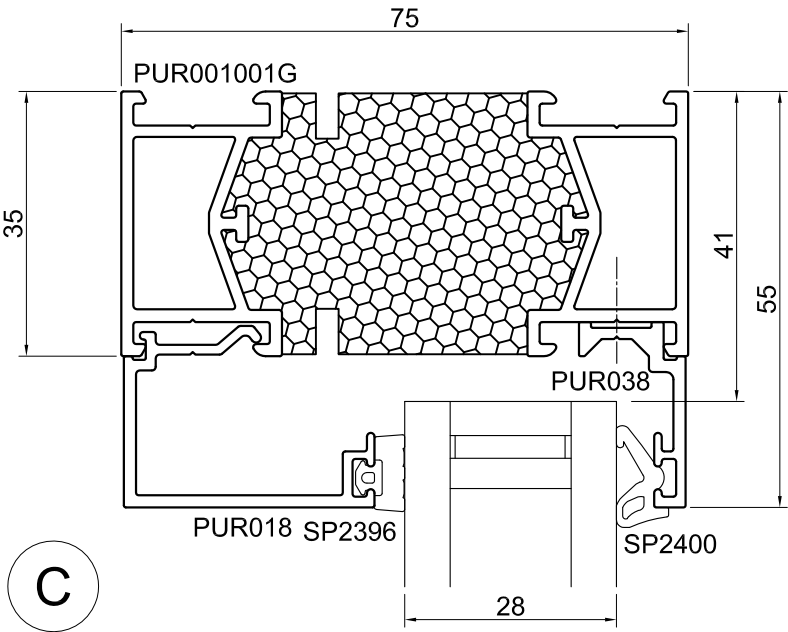
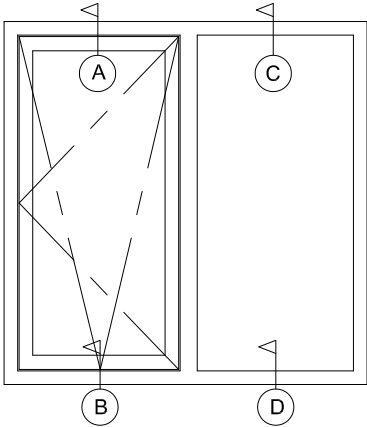
PURe Tilt Turn - Open In

Vertical Cross Section - Thermal Improvement

PURe.A.2312

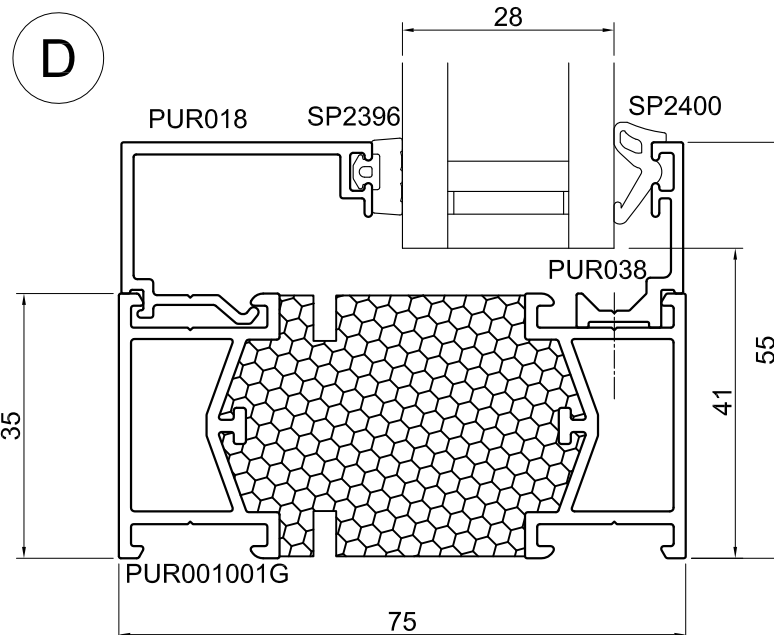
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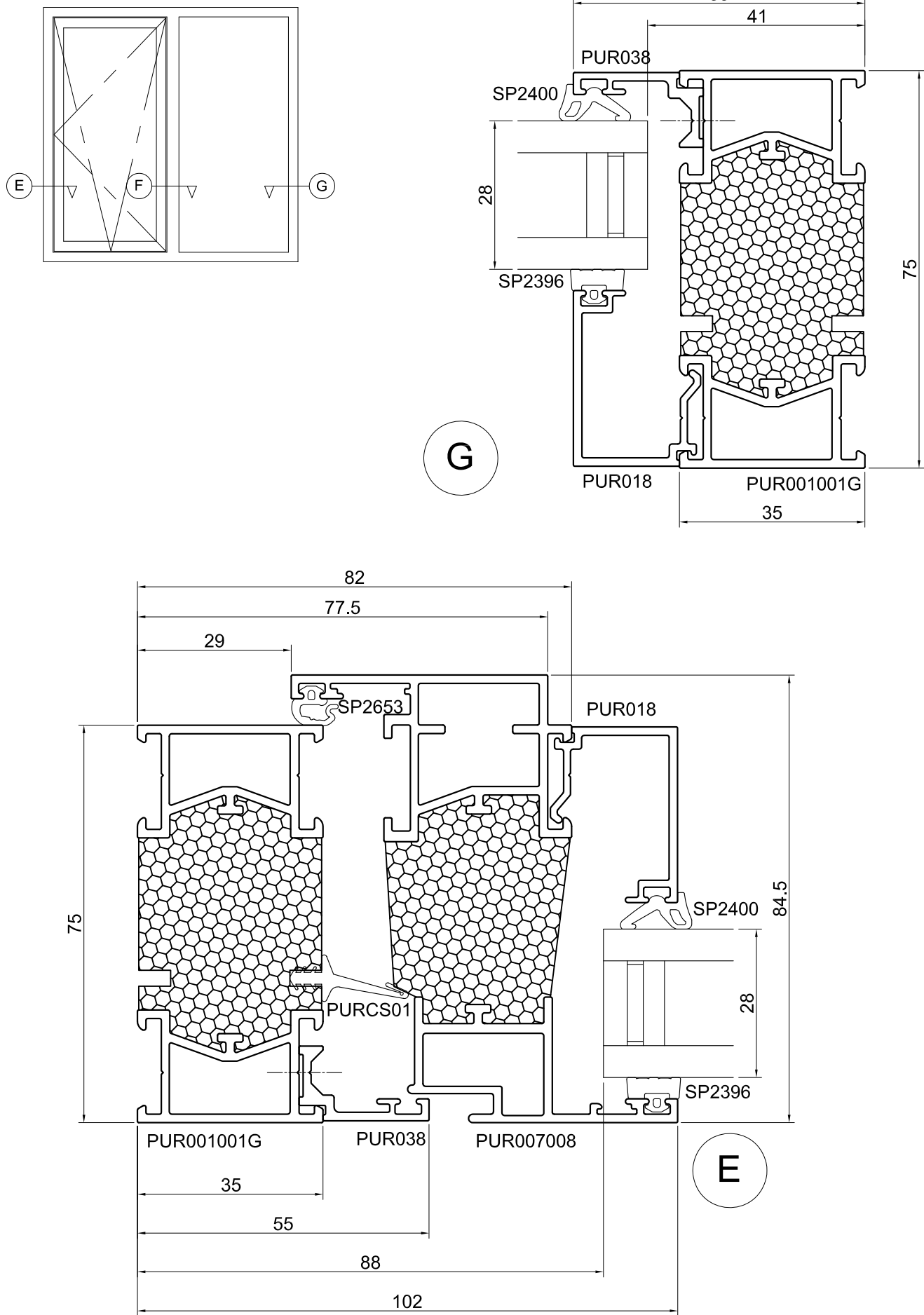




Vertical Cross Section - Cill

01.18



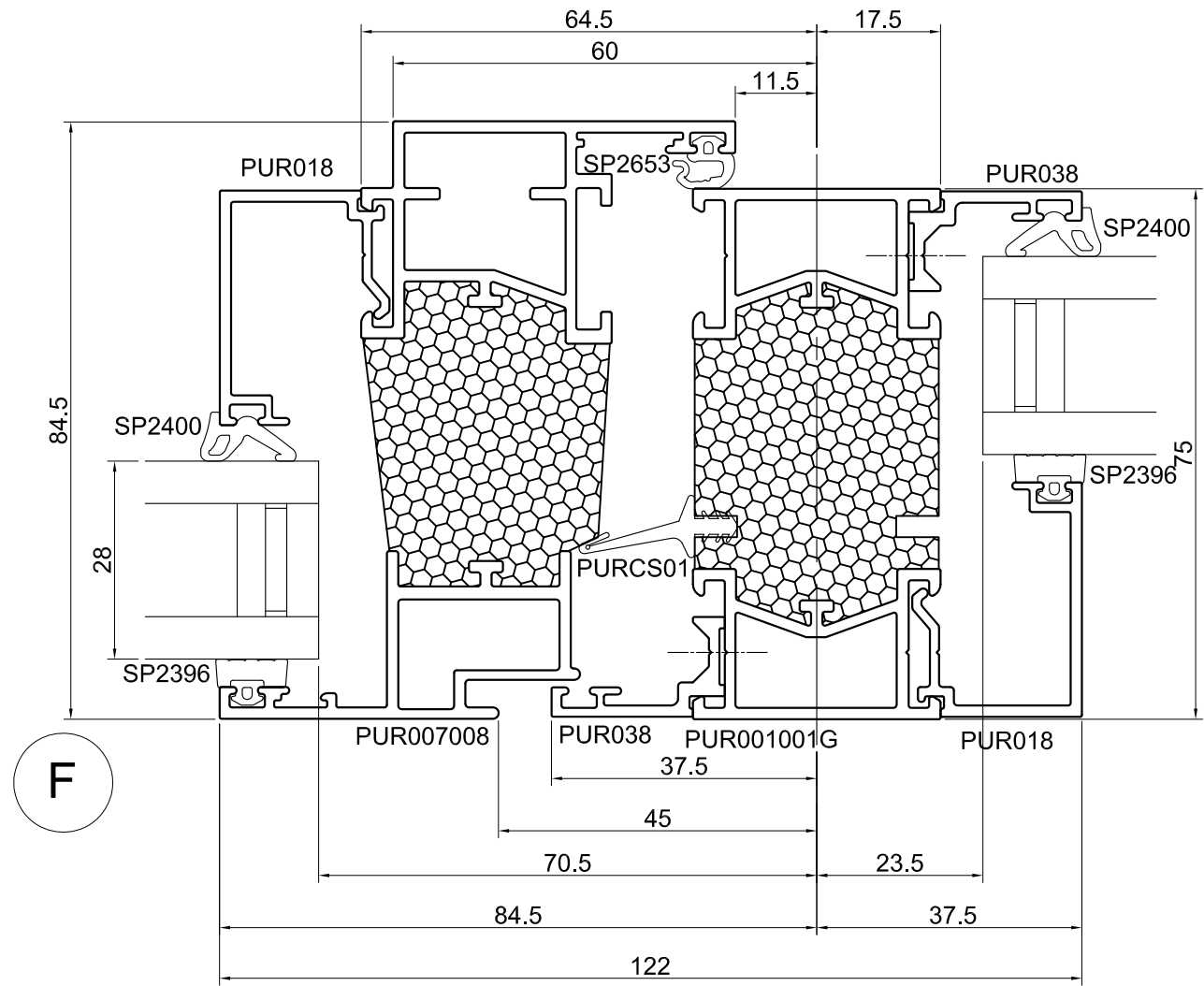


PURe Tilt Turn - Open In

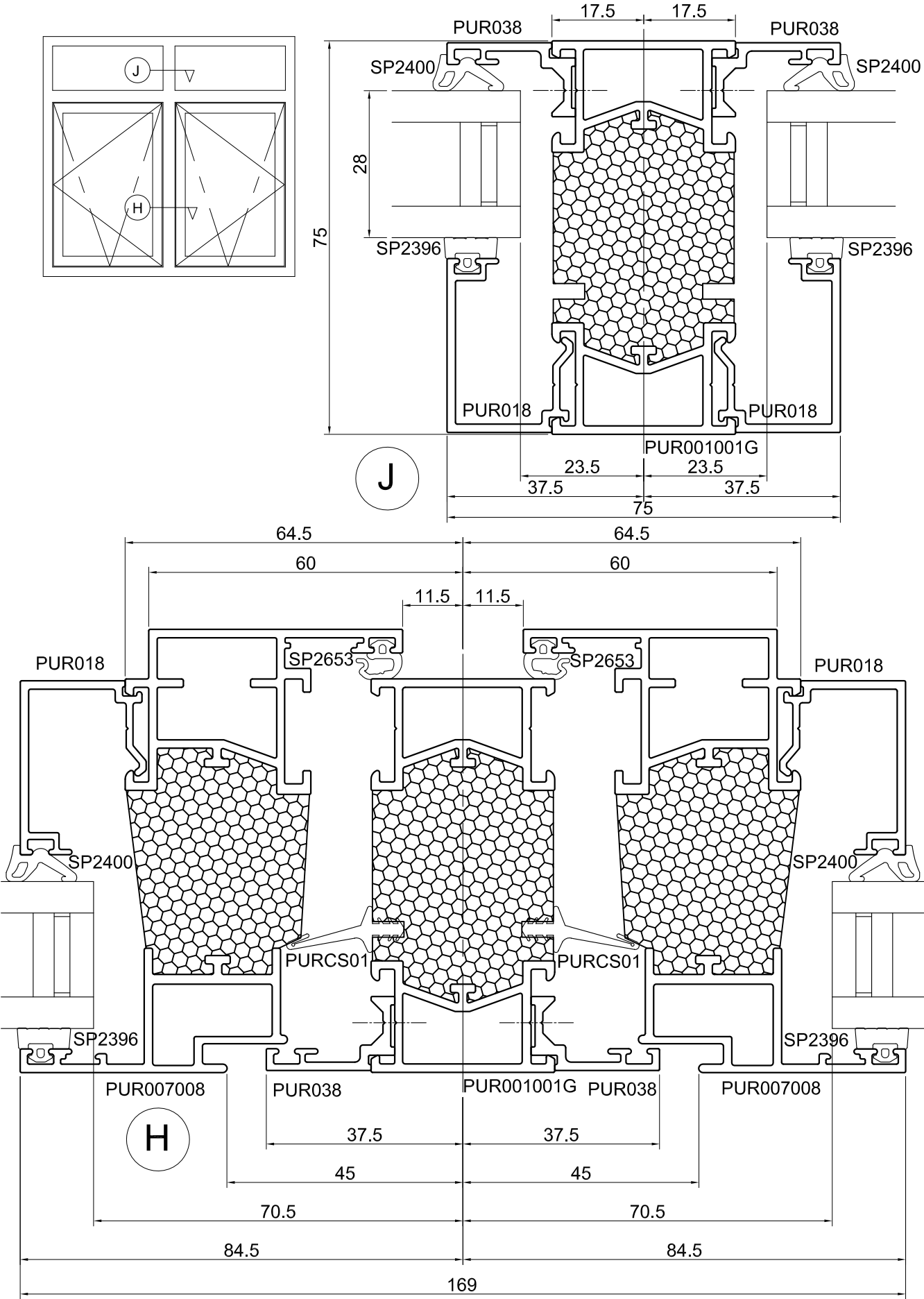
PURe.A.2404

Horizontal Cross Section - Mullion

01.18



Horizontal Cross Section - Mullion

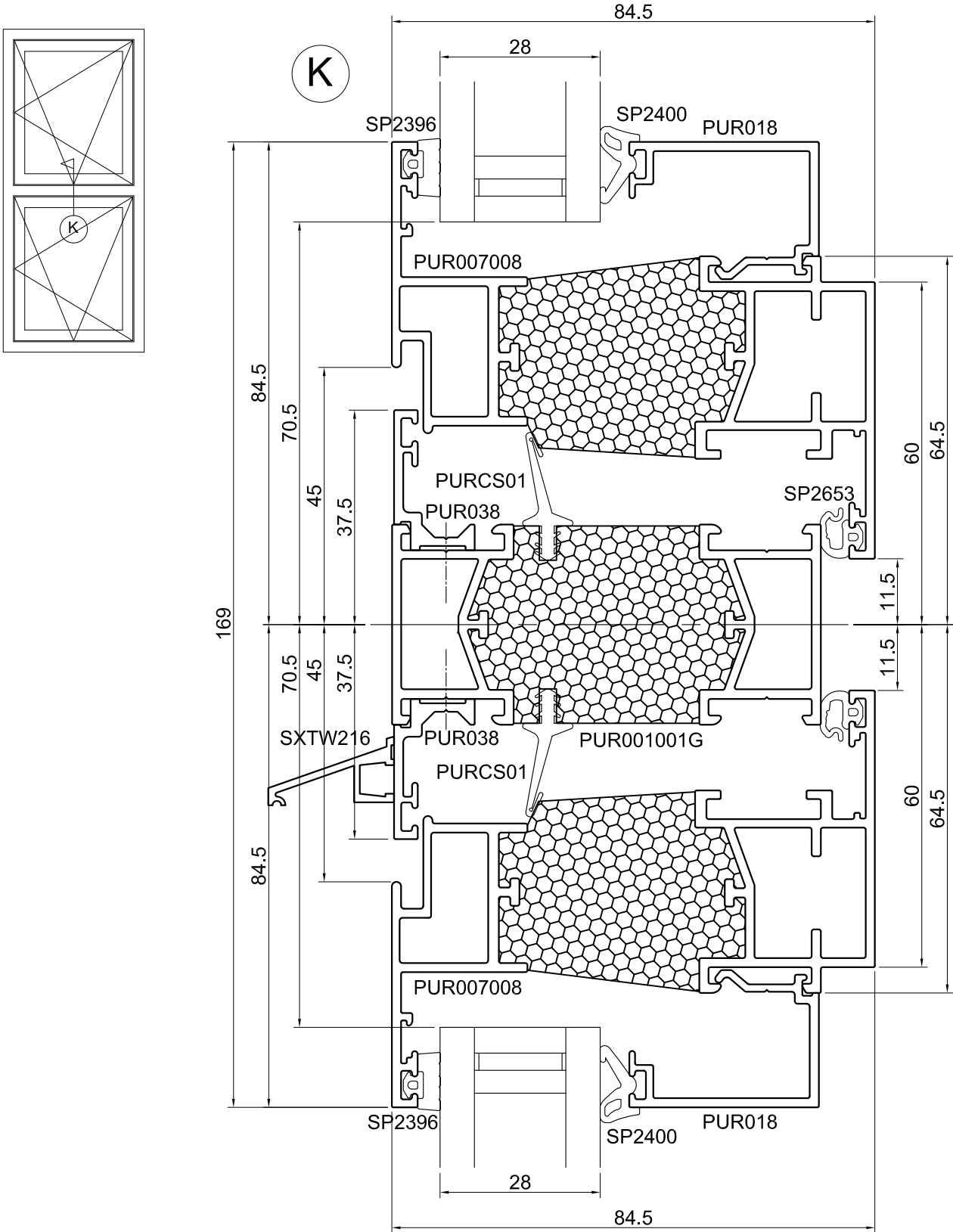


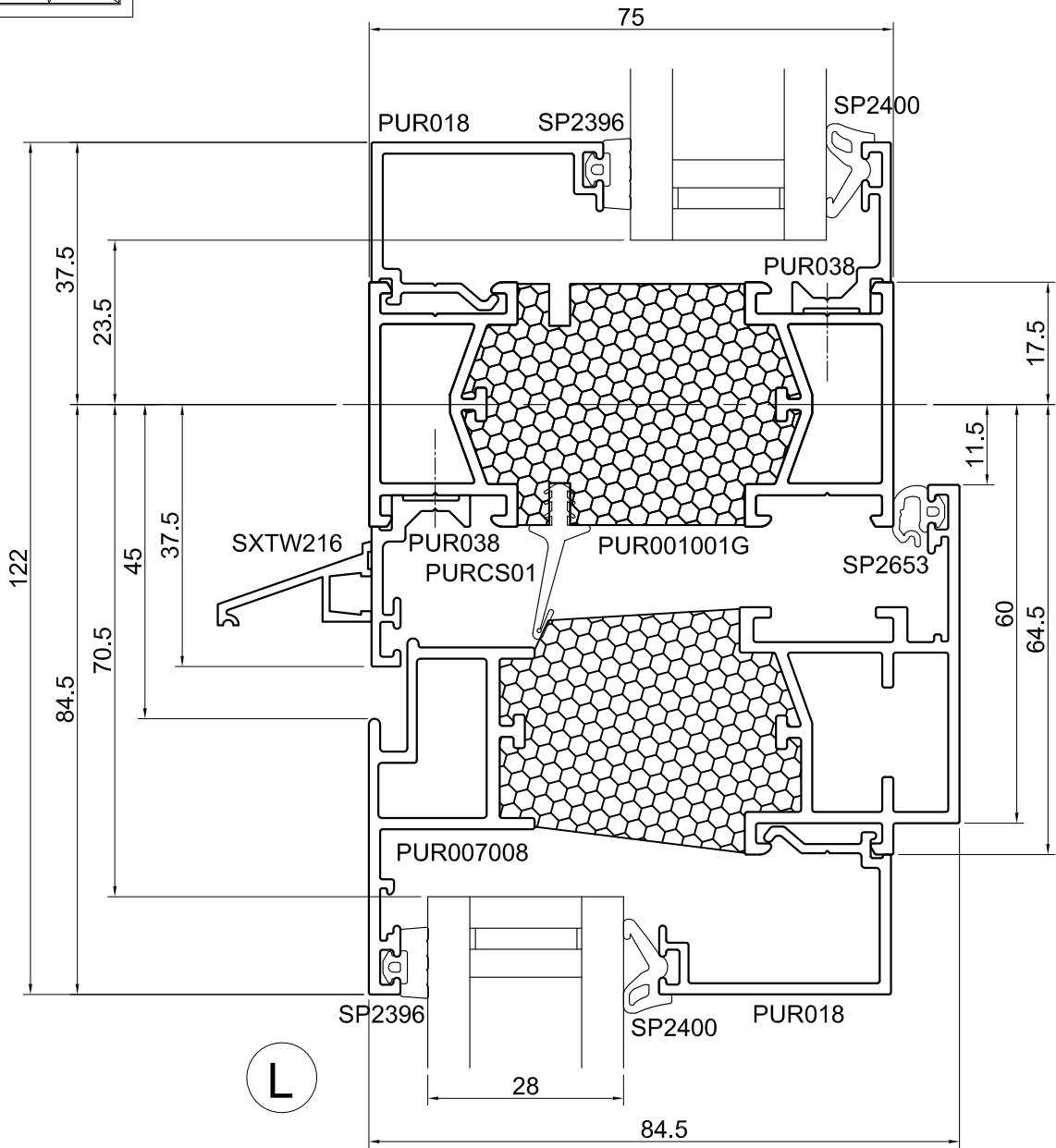
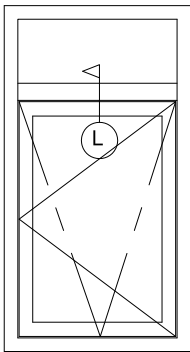
PUR_e Tilt Turn - Open In

PUR_e.A.2406

Vertical Cross Section - Transom

01.18



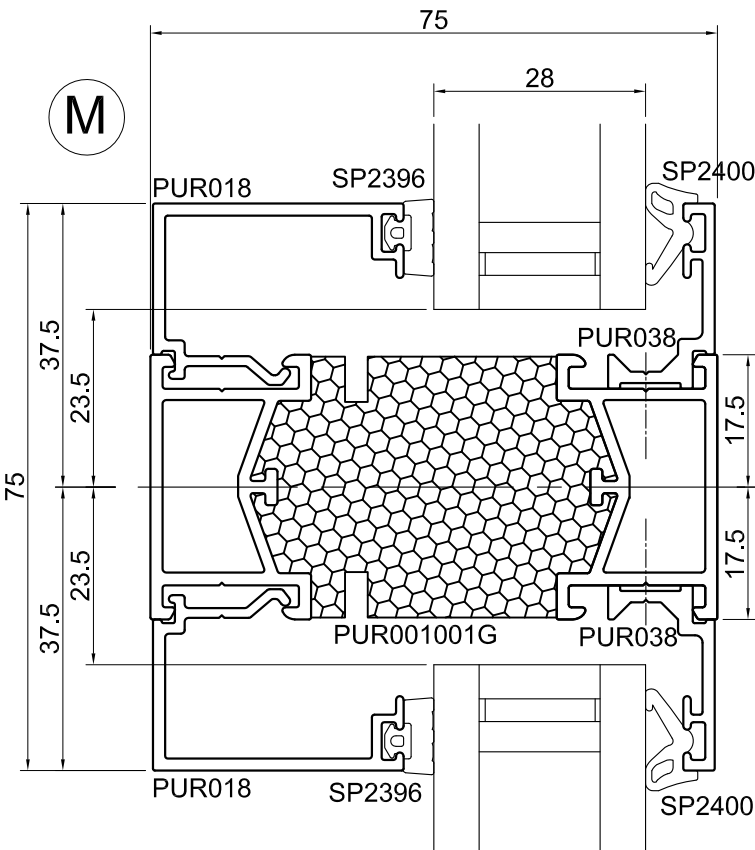
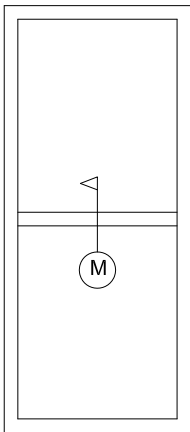


PURe Tilt Turn - Open In

PURe.A.2408

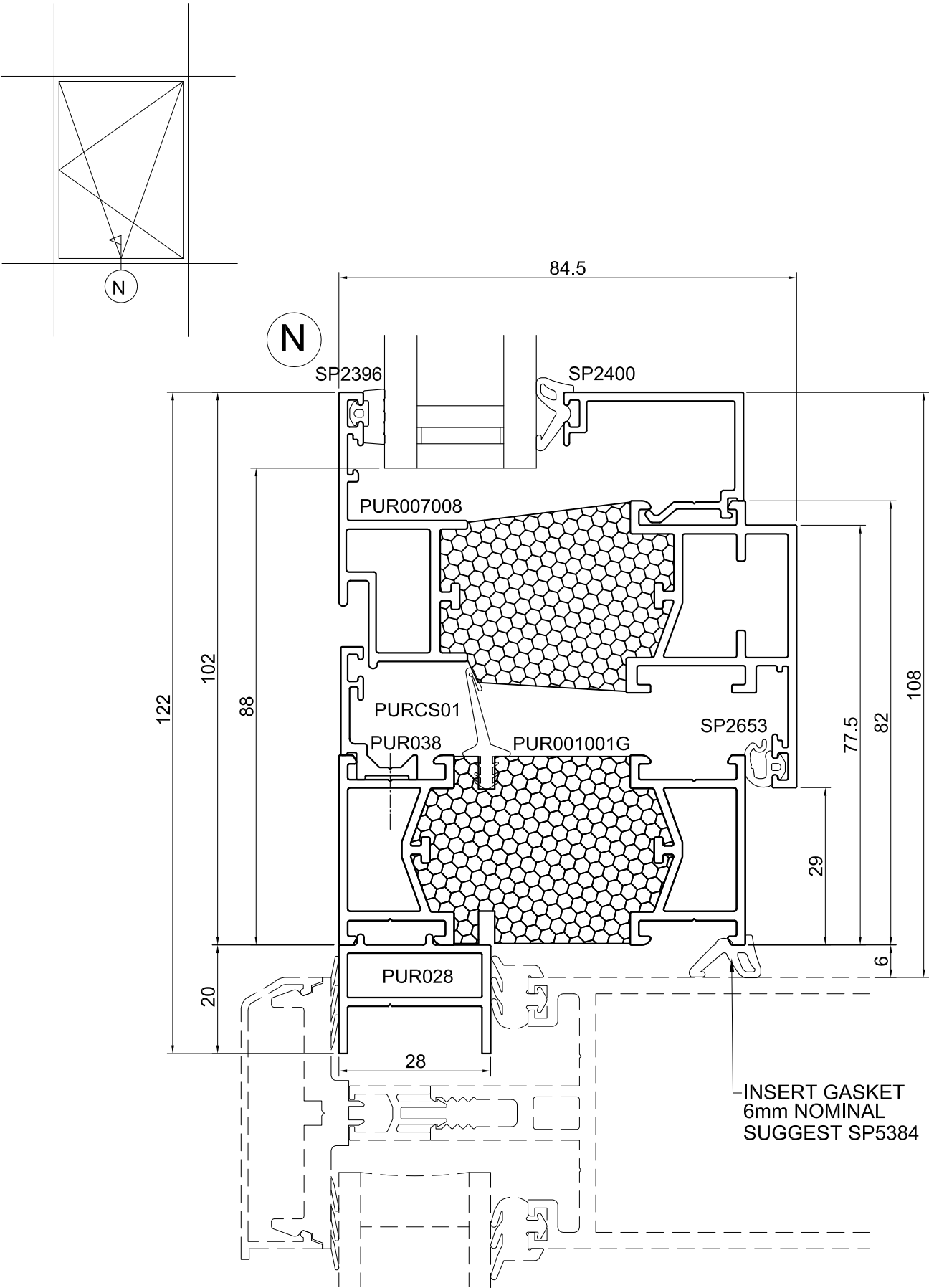
Vertical Cross Section - Fixed Light Transom

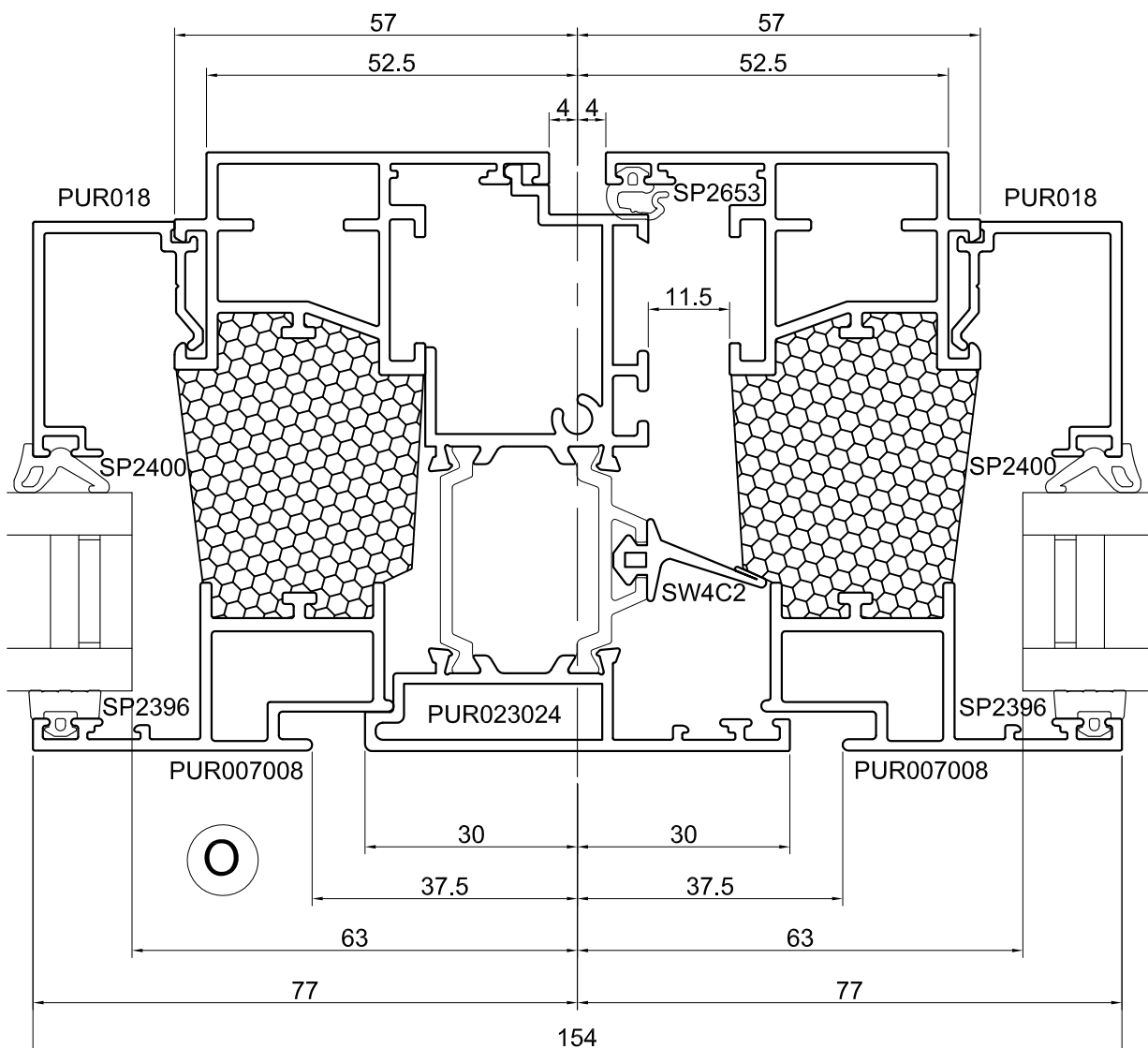
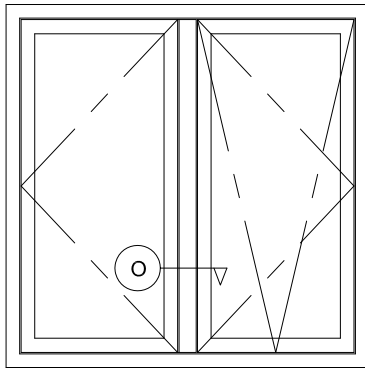
01.18



PURe Tilt Turn - Open In

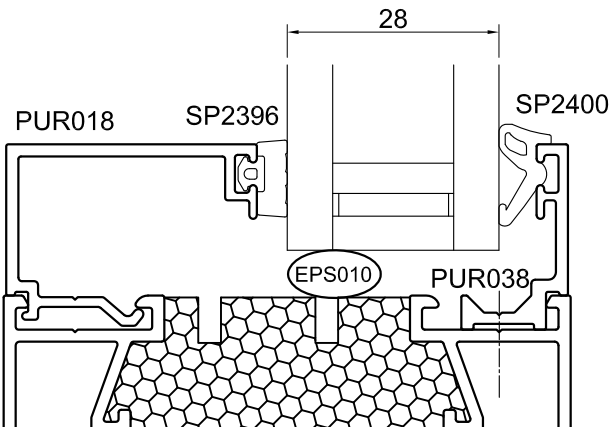
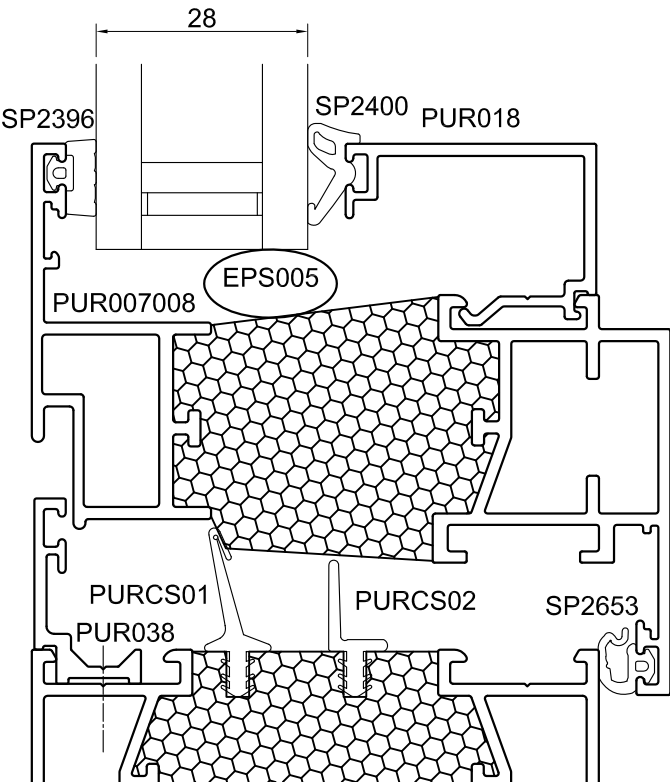
Vertical Cross Section - Curtain Wall Adaptor





PURe Tilt Turn - Open In

Vertical Cross Sections - Thermal Improvement

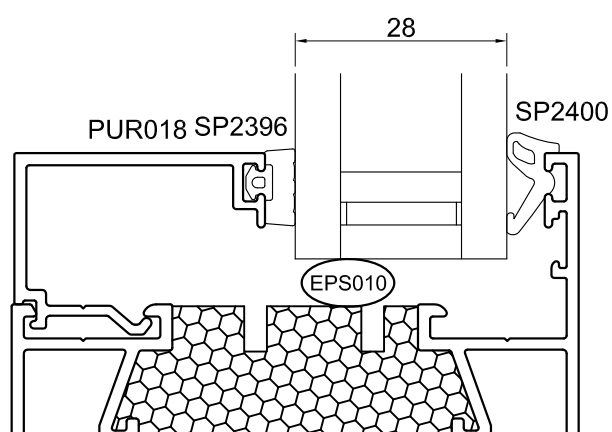


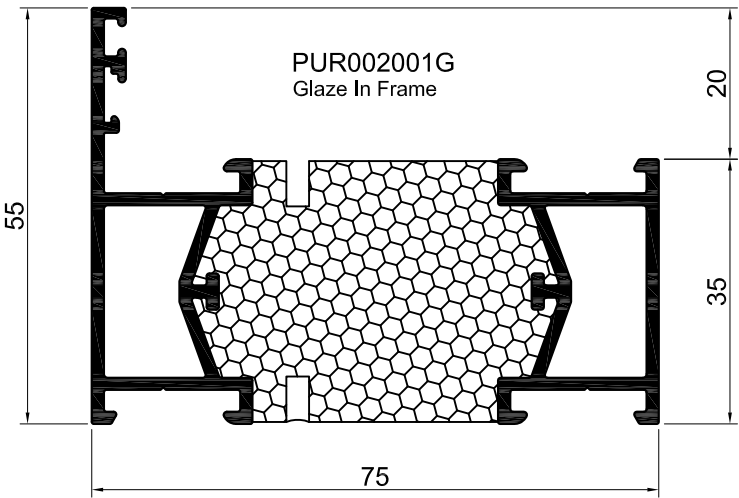
PUR_e Tilt Turn - Open In

Vertical Cross Section - Thermal Improvement

PUR_e.A.2412

01.18





Glaze In Frame

ALUMINIUM OUTER
ALUMINIUM INNER



CHEVRON

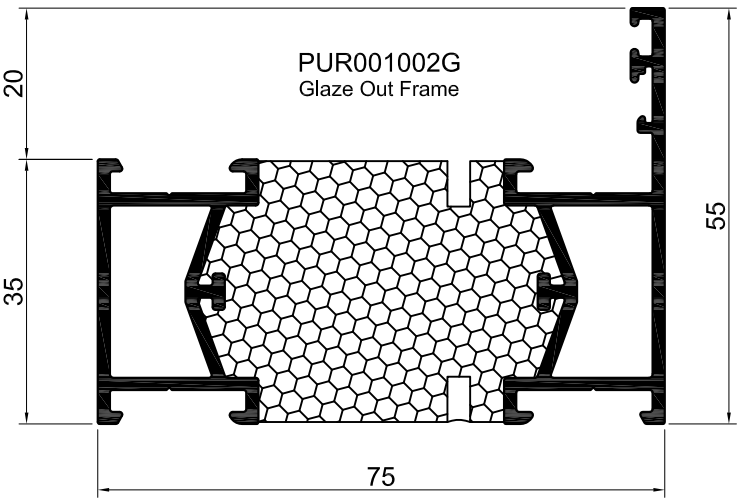


lxx
l yy

PUR002
PUR001

PV52
PH52
SW4CH7

2No PUR021CT
Or
2No PUR021CT
+ 8No SFSCS0408
37.0334cm⁴
7.5938cm⁴



Glaze Out Frame

ALUMINIUM OUTER
ALUMINIUM INNER



CHEVRON



lxx
l yy

PUR001
PUR002

PV52
PH52
SW4CH7

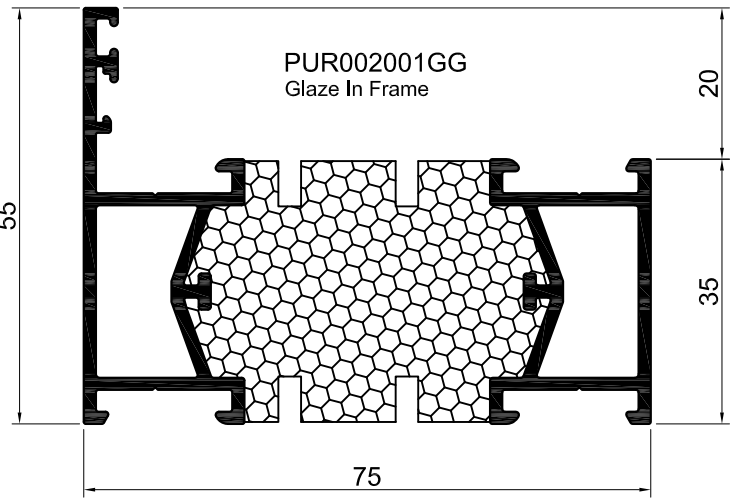
2No PUR021CT
Or
2No PUR021CT
+ 8No SFSCS0408
37.0334cm⁴
7.5938cm⁴

PUR_e Tilt Turn - Open In

PUR_e.B.202

Section Identification

02.15



Glaze In Frame

ALUMINIUM OUTER
ALUMINIUM INNER

CHEVRON



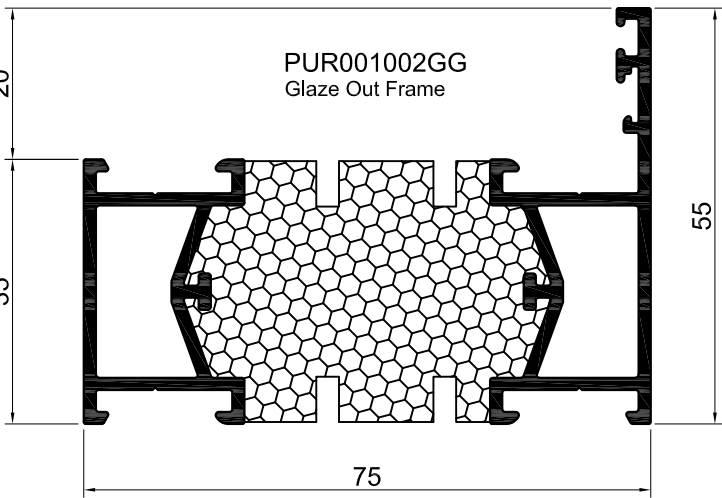
Ixx
Iyy

PUR002
PUR001

PV52
PH52
SW4CH7

2No PUR021CT
Or
2No PUR021CT
+ 8No SFSCS0408

37.0334cm⁴
7.5938cm⁴



Glaze Out Frame

ALUMINIUM OUTER
ALUMINIUM INNER

CHEVRON



Ixx
Iyy

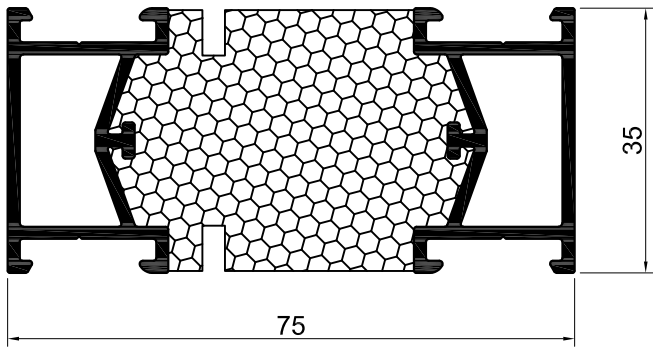
PUR001
PUR002

PV52
PH52
SW4CH7

2No PUR021CT
Or
2No PUR021CT
+ 8No SFSCS0408

37.0334cm⁴
7.5938cm⁴

PUR001001G
Glaze In Multi Frame



Glaze In Multi Frame

ALUMINIUM OUTER
ALUMINIUM INNER



PUR001
PUR001

PV52
PH52
SW4CH7

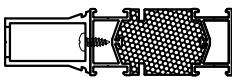
2No PUR021CT
Or
2No PUR021CT
+ 8No SFSCS0408

IF TRANSOM



2No PUR020CT
Or
2No PUR009CT

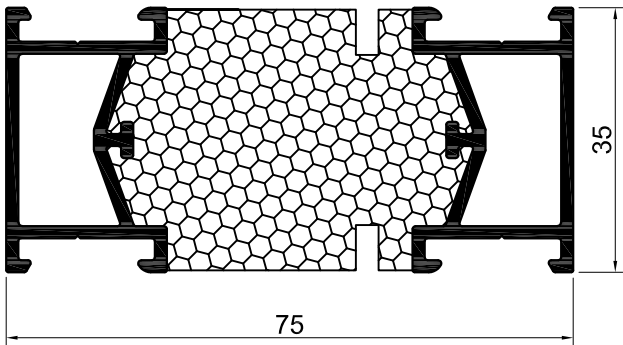
31.7263cm⁴
4.6080cm⁴



PUR033 + PUR001001G

Ixx ← 104.2795cm⁴
Iyy ↑ 8.5332cm⁴

PUR001001G
Glaze Out Multi Frame



Glaze Out Multi Frame

ALUMINIUM OUTER
ALUMINIUM INNER



PUR001
PUR001

PV52
PH52
SW4CH7

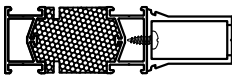
2No PUR021CT
Or
2No PUR021CT
+ 8No SFSCS0408

IF TRANSOM



2No PUR020CT
Or
2No PUR009CT

31.7263cm⁴
4.6080cm⁴



PUR001001+PUR033G

Ixx ← 104.2795cm⁴
Iyy ↑ 8.5332cm⁴

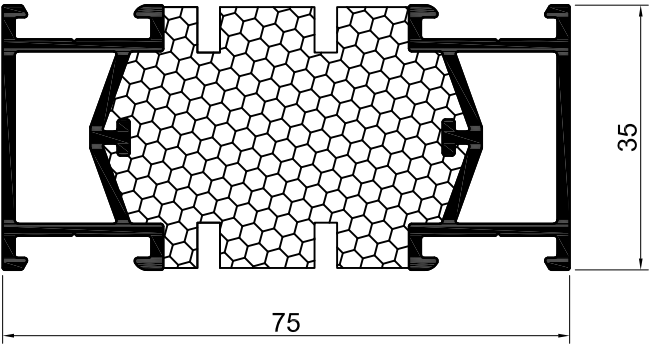
PUR_e Tilt Turn - Open In

PUR_e.B.204

Section Identification

02.15

PUR001001GG
Glaze In Multi Frame



Glaze In Multi Frame

ALUMINIUM OUTER
ALUMINIUM INNER



PUR001
PUR001

PV52
PH52
SW4CH7

2No PUR021CT
Or
2No PUR021CT
+ 8No SFSCS0408

IF TRANSOM



2No PUR020CT
Or
2No PUR009CT

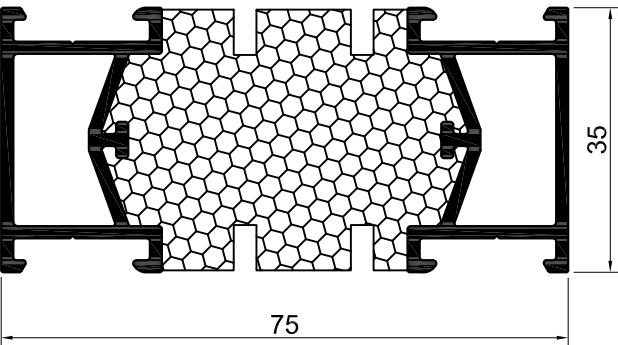
31.7263cm⁴
4.6080cm⁴



PUR033 + PUR001001GG

Ixx ← 104.2795cm⁴
Iyy ↑ 8.5332cm⁴

PUR001001GG
Glaze Out Multi Frame



Glaze Out Multi Frame

ALUMINIUM OUTER
ALUMINIUM INNER



PUR001
PUR001

PV52
PH52
SW4CH7

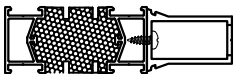
2No PUR021CT
Or
2No PUR021CT
+ 8No SFSCS0408

IF TRANSOM



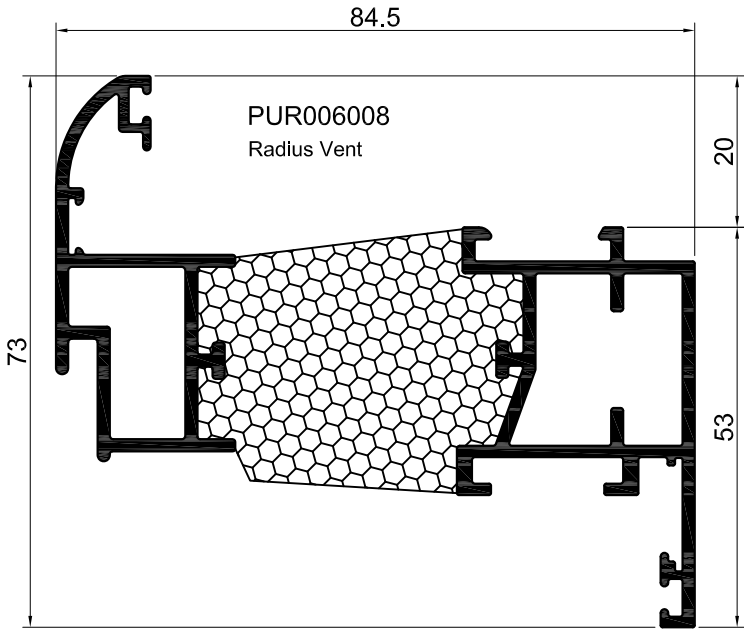
2No PUR020CT
Or
2No PUR009CT

31.7263cm⁴
4.6080cm⁴



PUR001001GG+PUR033

Ixx ← 104.2795cm⁴
Iyy ↑ 8.5332cm⁴



Radius Vent

ALUMINIUM OUTER
ALUMINIUM INNER



CHEVRON OUTER

CHEVRON INNER



Ixx ←
Iyy ↑

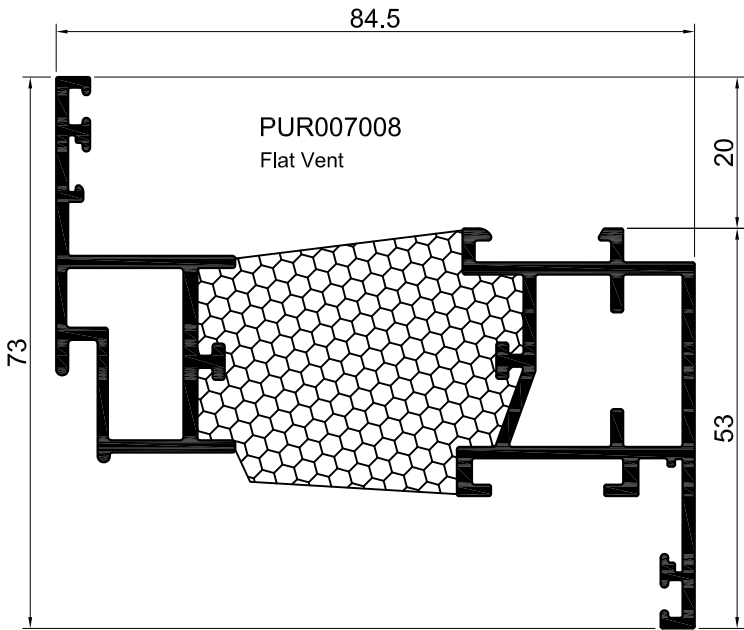
PUR006
PUR008

PV54
PH54
SW4CH7

SW4CH15

2No PUR021CT
Or
2No PUR021CT
+ 8No SFSCS0408

54,1757cm⁴
9,4224cm⁴



Flat Vent

ALUMINIUM OUTER
ALUMINIUM INNER



CHEVRON OUTER
CHEVRON INNER



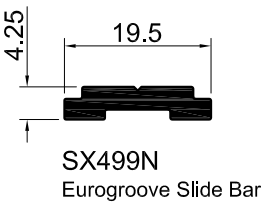
Ixx ←
Iyy ↑

PUR007
PUR008

PV54
PH54
SW4CH7
SW4CH15

2No PUR021CT
Or
2No PUR021CT
+ 8No SFSCS0408

53.3789cm⁴
8.7155cm⁴

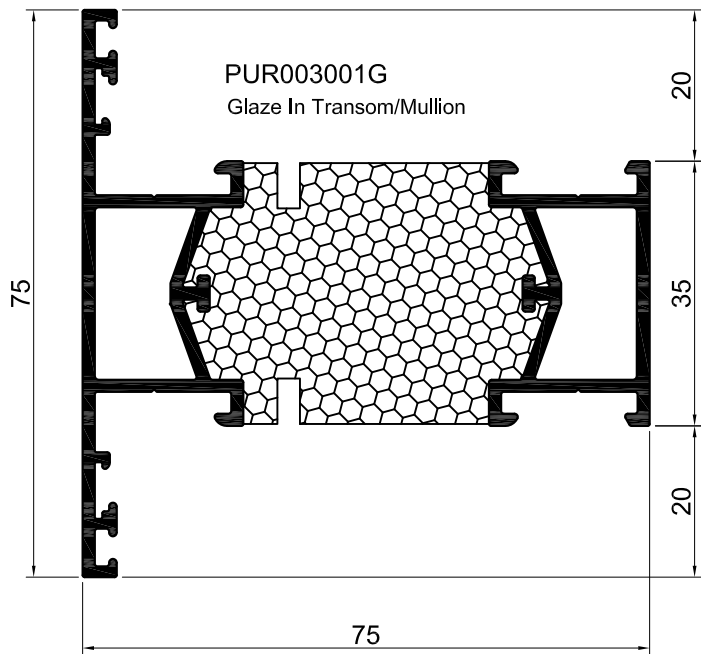


PUR_e Tilt Turn - Open In

PUR_e.B.206

Section Identification

02.15



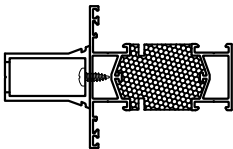
Glaze In Transom/Mullion

ALUMINIUM OUTER
ALUMINIUM INNER

PUR003
PUR001



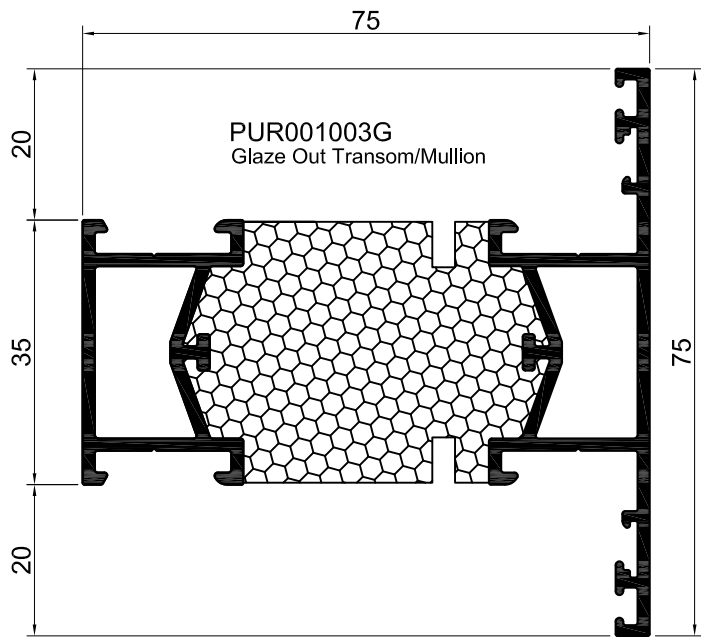
2No PUR020CT
Or
2No PUR009CT
41.1943cm⁴
12.5758cm⁴



PUR033 + PUR003001G

Ixx
Iyy

104.8183cm⁴
16.4998cm⁴



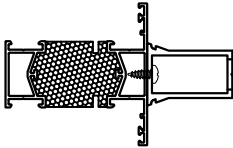
Glaze Out Transom/Mullion

ALUMINIUM OUTER
ALUMINIUM INNER

PUR001
PUR003



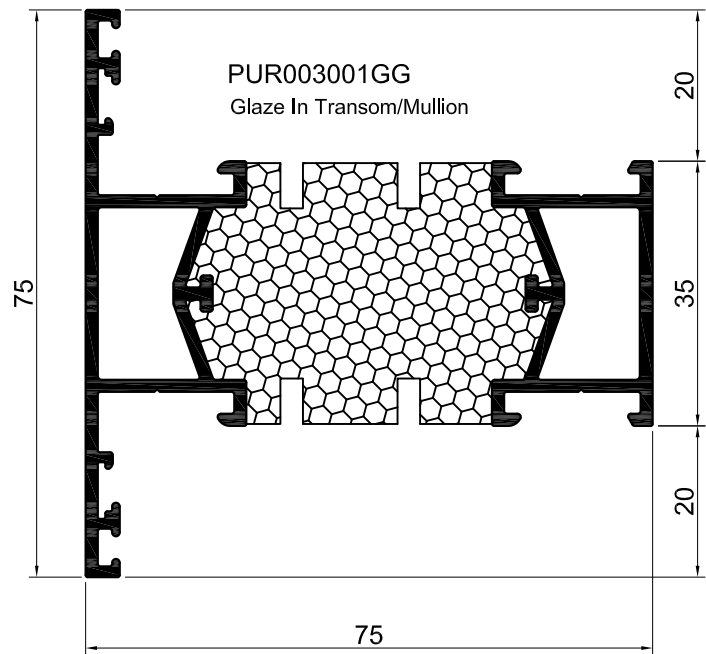
2No PUR020CT
Or
2No PUR009CT
41.1943cm⁴
12.5758cm⁴



PUR001003G+PUR033

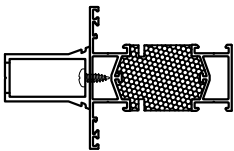
Ixx
Iyy

104.8183cm⁴
16.4998cm⁴



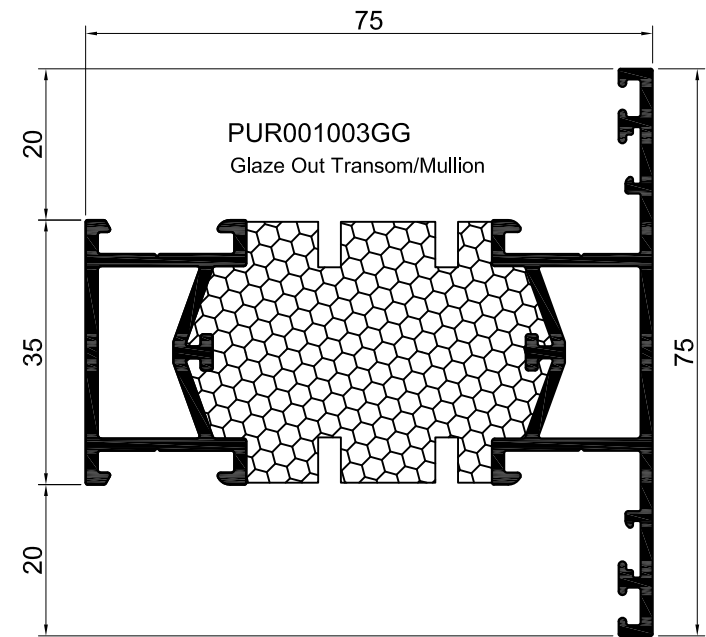
Glaze In Transom/Mullion

ALUMINIUM OUTER	PUR003
ALUMINIUM INNER	PUR001
	2No PUR020CT
	Or
	2No PUR009CT
Ixx	41.1943cm ⁴
Iyy	12.5758cm ⁴



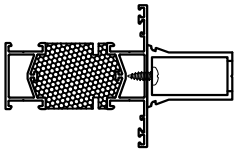
PUR033 + PUR003001GG

Ixx	104.8183cm ⁴
Iyy	16.4998cm ⁴



Glaze In Transom/Mullion

ALUMINIUM OUTER	PUR001
ALUMINIUM INNER	PUR003
	2No PUR020CT
	Or
	2No PUR009CT
Ixx	41.1943cm ⁴
Iyy	12.5758cm ⁴



PUR003001GG+PUR033

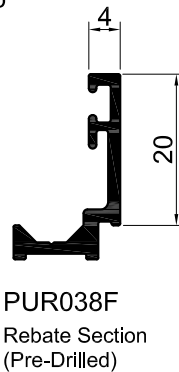
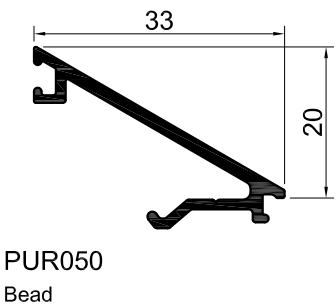
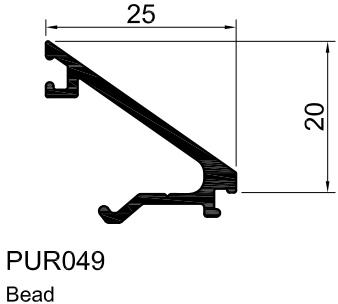
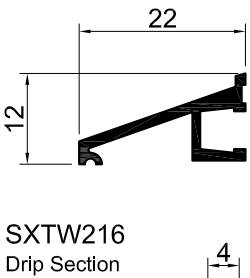
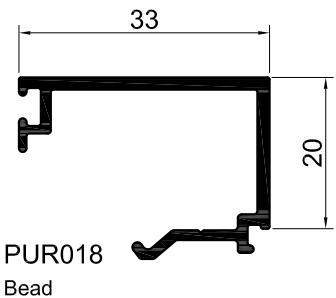
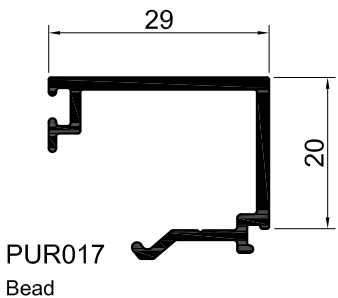
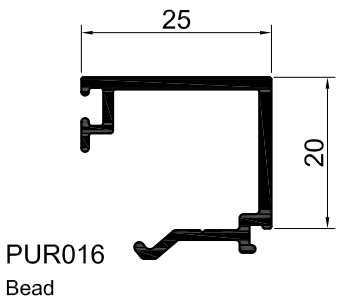
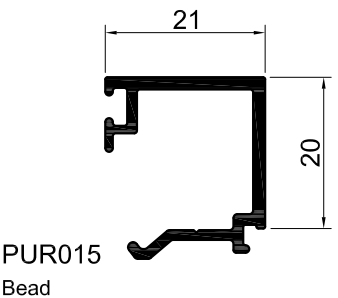
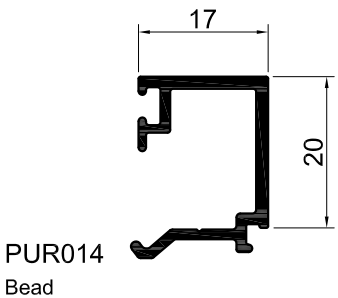
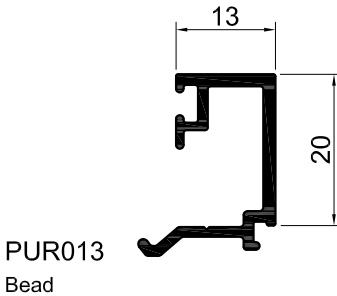
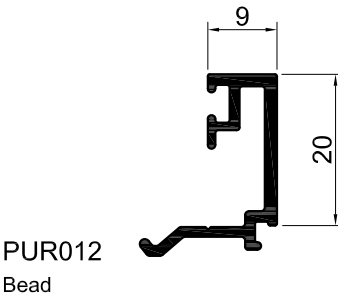
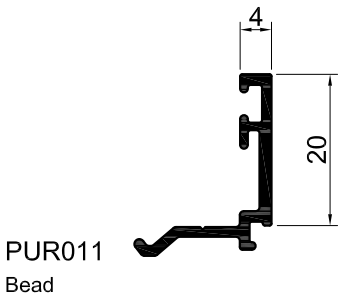
Ixx	104.8183cm ⁴
Iyy	16.4998cm ⁴

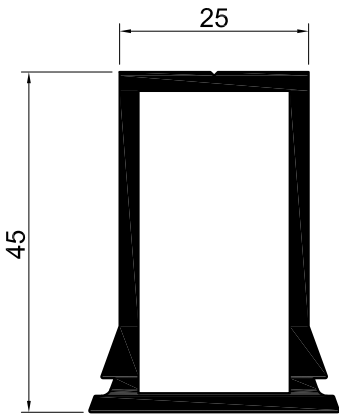
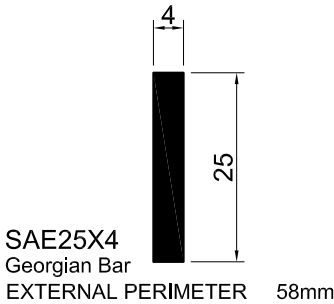
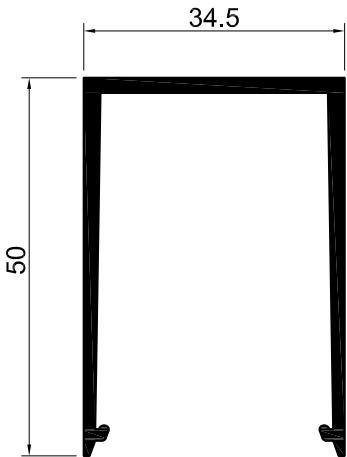
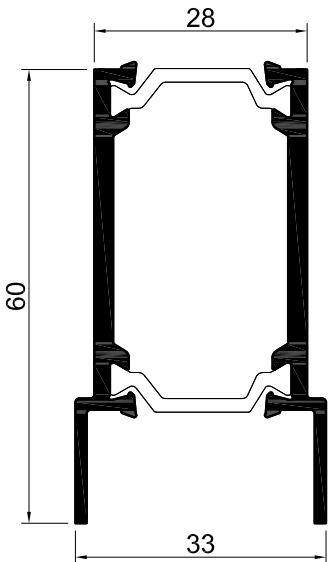
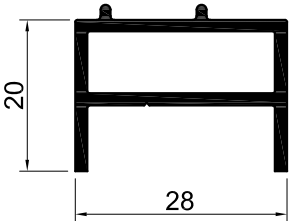
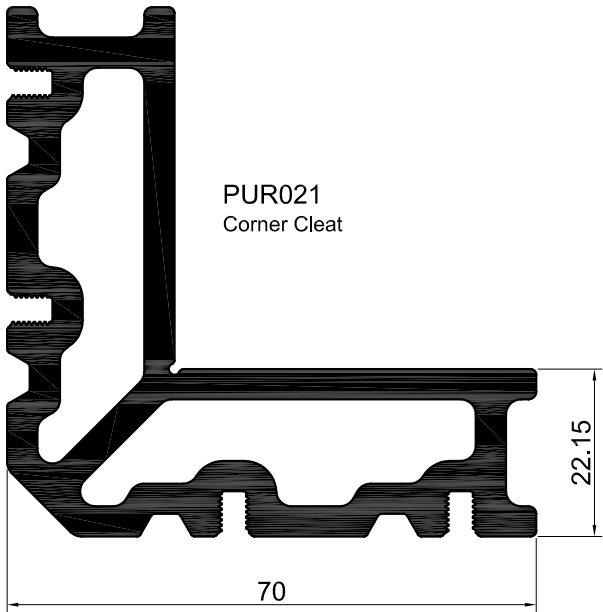
PURe Tilt Turn - Open In

PURe.B.208

Section Identification

01.18





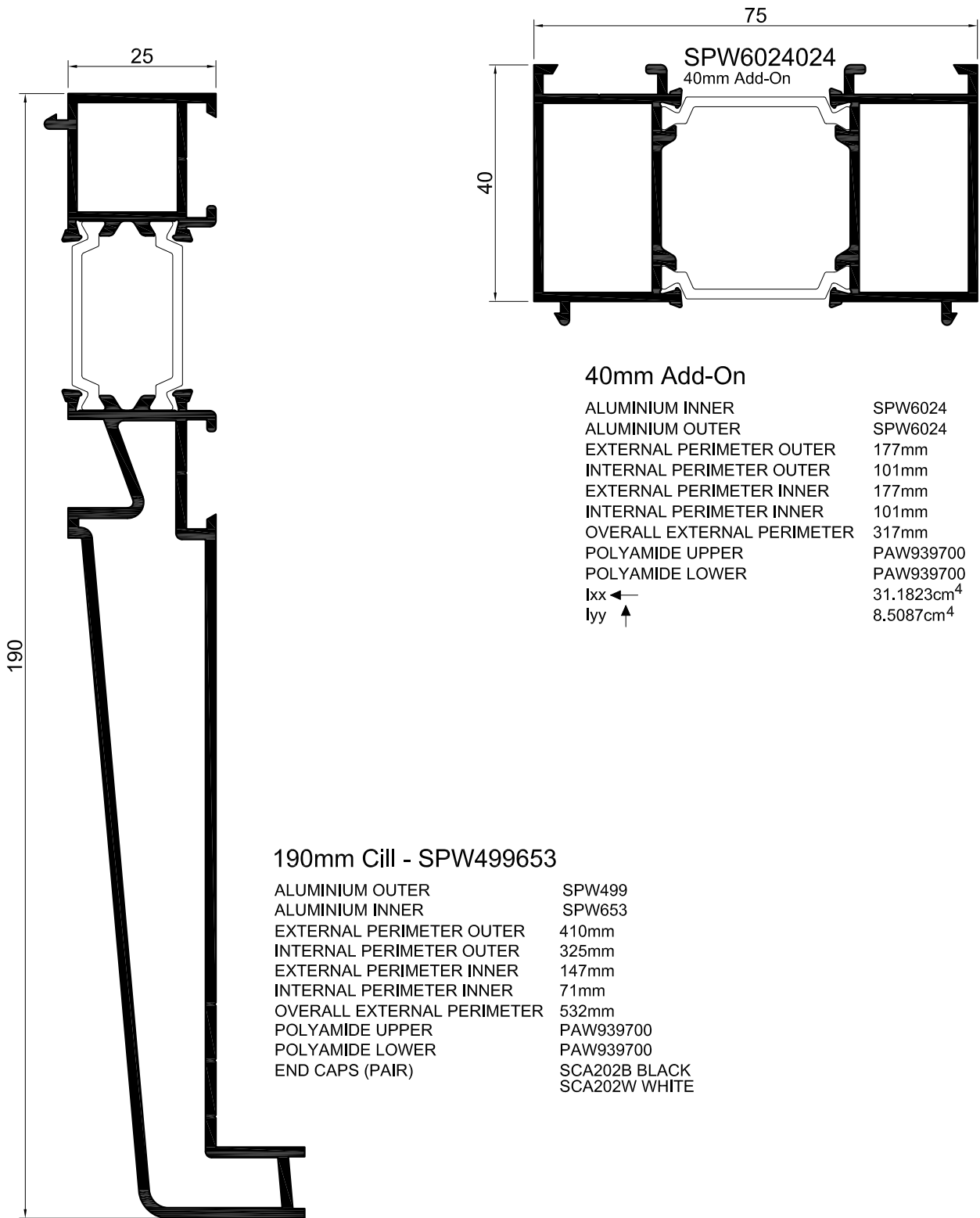
Ixx ↑ 9.5302cm⁴
Iyy ← 3.9239cm⁴

PUR_e Tilt Turn - Open In

PUR_e.B.210

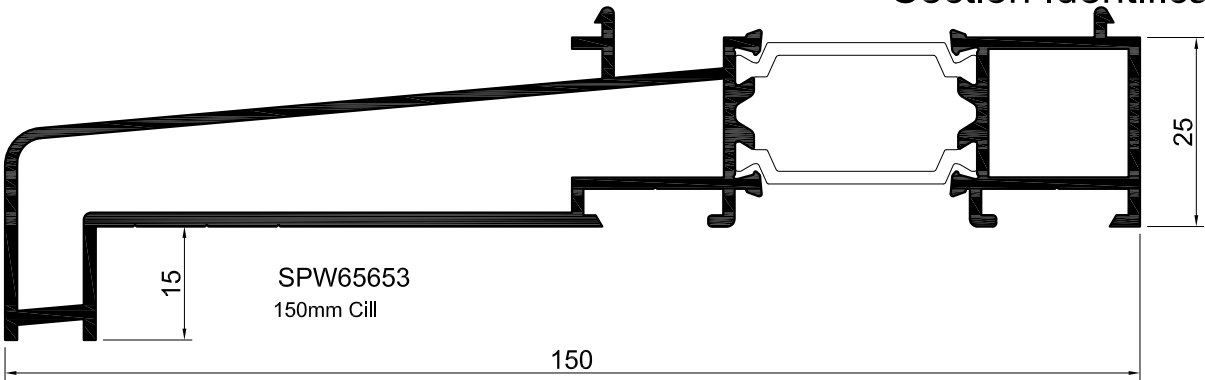
Section Identification

01.18



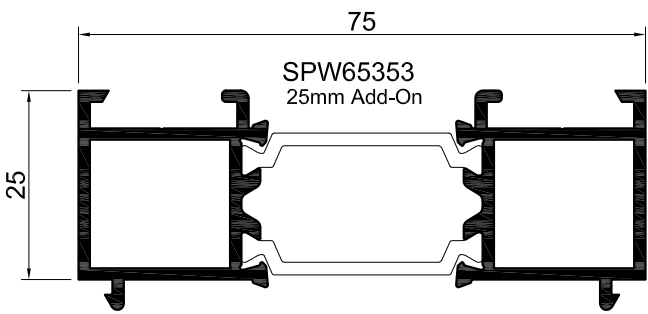
PURe Tilt Turn - Open In

Section Identification



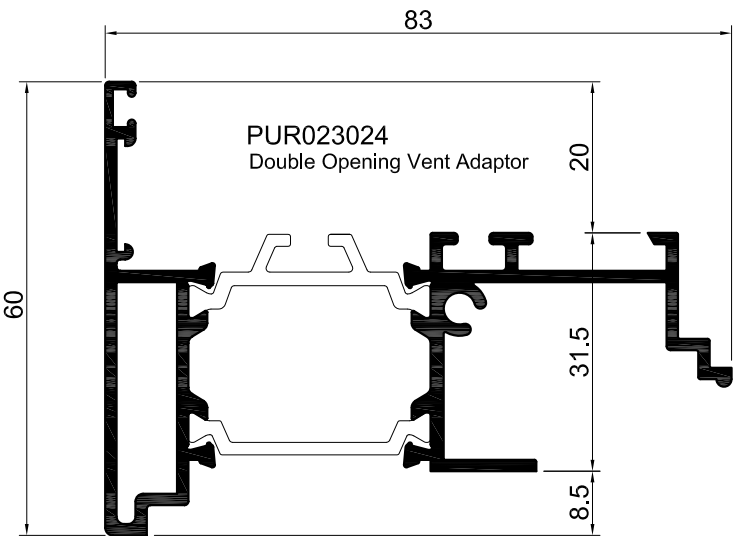
150mm Cill

ALUMINIUM OUTER	SPW656
ALUMINIUM INNER	SPW653
EXTERNAL PERIMETER OUTER	342mm
INTERNAL PERIMETER OUTER	238mm
EXTERNAL PERIMETER INNER	147mm
INTERNAL PERIMETER INNER	71mm
OVERALL EXTERNAL PERIMETER	460mm
POLYAMIDE UPPER	PAW939700
POLYAMIDE LOWER	PAW939700
END CAPS (PAIR)	SCA201B (Black) Or SCA201W (White)



25mm Add-On

ALUMINIUM OUTER	SPW653
ALUMINIUM INNER	SPW653
EXTERNAL PERIMETER OUTER	147mm
INTERNAL PERIMETER OUTER	71mm
EXTERNAL PERIMETER INNER	147mm
INTERNAL PERIMETER INNER	71mm
OVERALL EXTERNAL PERIMETER	265mm
POLYAMIDE UPPER	PAW939700
POLYAMIDE LOWER	PAW939700
Ixx	24.4084cm ⁴
Iyy	2.5396cm ⁴



Double Opening Vent Adaptor

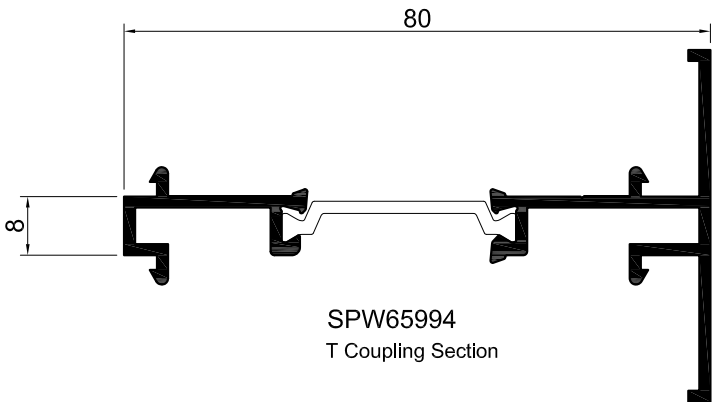
ALUMINIUM OUTER	PUR023
ALUMINIUM INNER	PUR024
EXTERNAL PERIMETER OUTER	189mm
INTERNAL PERIMETER OUTER	79mm
EXTERNAL PERIMETER INNER	266mm
OVERALL EXTERNAL PERIMETER	424mm
POLYAMIDE UPPER	PAW289100
POLYAMIDE LOWER	PAW939700
END CAPS	SPM601 (Black Only)
Ixx	30.1439cm ⁴
Iyy	7.3107cm ⁴

PURe Tilt Turn - Open In

PURe.B.212

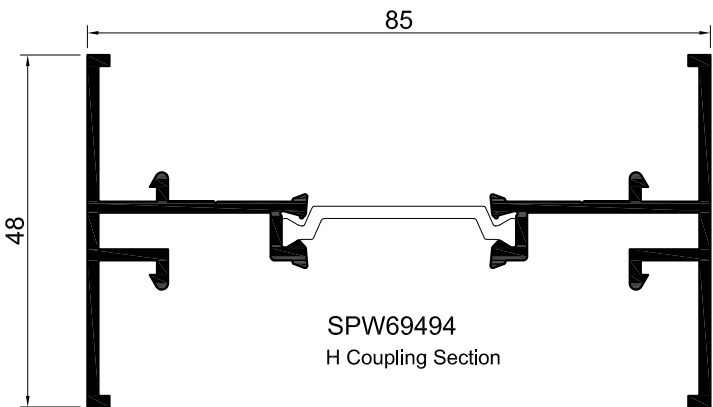
Section Identification

10.15



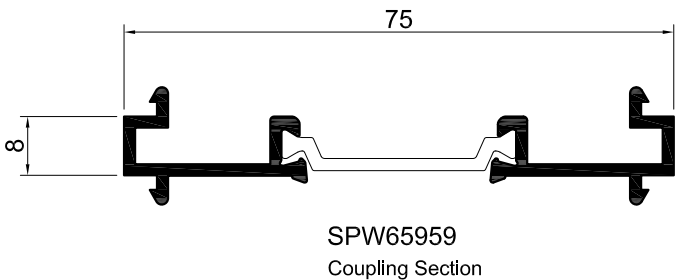
T Coupling Section

ALUMINIUM INNER	SPW694
ALUMINIUM OUTER	SPW659
EXTERNAL PERIMETER INNER	229mm
EXTERNAL PERIMETER OUTER	130mm
OVERALL EXTERNAL PERIMETER	382mm
POLYAMIDE	PAW939700
Ixx	22.2960cm ⁴
Iyy	1.8482cm ⁴



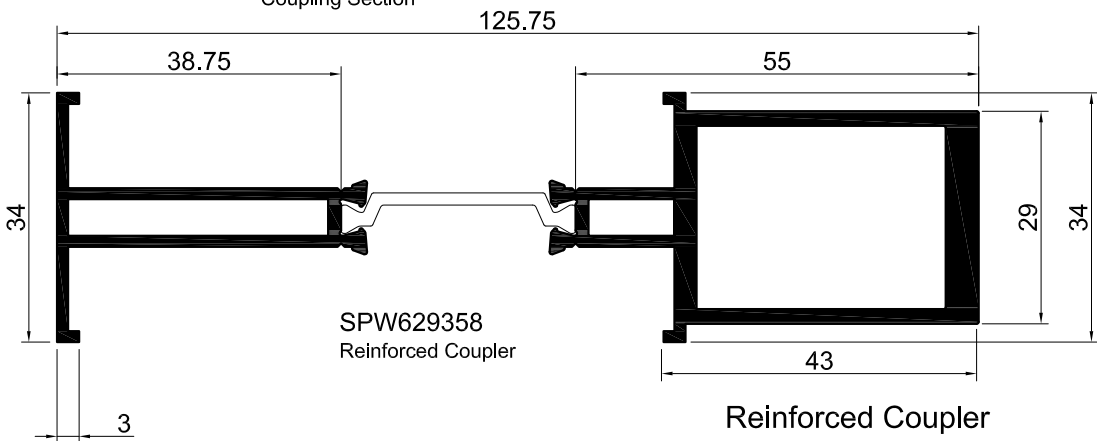
H Coupling Section

ALUMINIUM INNER	SPW694
ALUMINIUM OUTER	SPW694
EXTERNAL PERIMETER INNER	229mm
EXTERNAL PERIMETER OUTER	229mm
OVERALL EXTERNAL PERIMETER	471mm
POLYAMIDE	PAW939700
Ixx	40.6309cm ⁴
Iyy	3.4880cm ⁴



Coupling Section

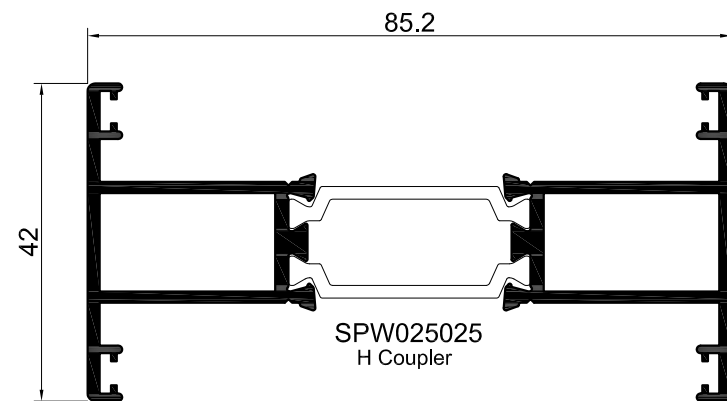
ALUMINIUM INNER	SPW659
ALUMINIUM OUTER	SPW659
EXTERNAL PERIMETER INNER	130mm
EXTERNAL PERIMETER OUTER	130mm
OVERALL EXTERNAL PERIMETER	270mm
POLYAMIDE	PAW939700
Ixx	12.8731cm ⁴
Iyy	0.2103cm ⁴



Reinforced Coupler

ALUMINIUM OUTER	SPW629
ALUMINIUM INNER	SPW358
EXTERNAL PERIMETER OUTER	171mm
INTERNAL PERIMETER OUTER	81mm
EXTERNAL PERIMETER INNER	203mm
INTERNAL PERIMETER INNER	118mm
OVERALL EXTERNAL PERIMETER	290mm
POLYAMIDE UPPER	PAW939700
Ixx	113.3932cm ⁴
Iyy	5.1255cm ⁴

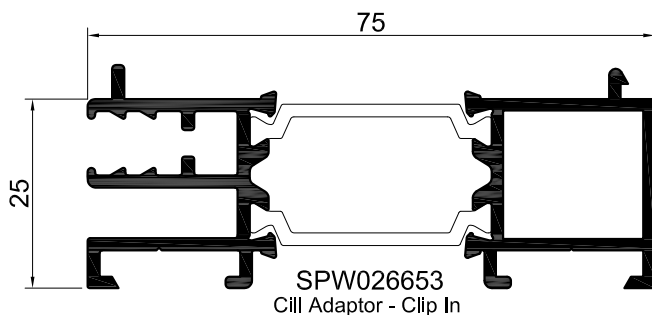




H Coupler

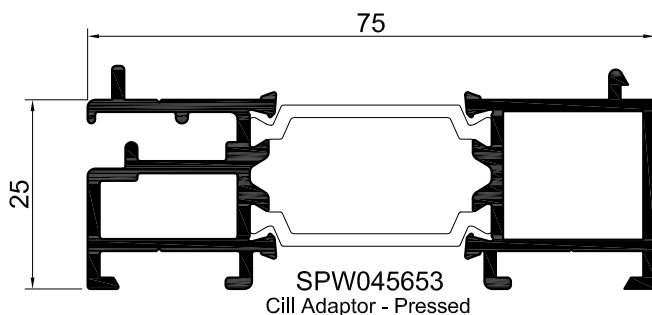
ALUMINIUM OUTER	SPW025
ALUMINIUM INNER	SPW025
EXTERNAL PERIMETER OUTER	191mm
INTERNAL PERIMETER OUTER	72mm
EXTERNAL PERIMETER INNER	191mm
INTERNAL PERIMETER INNER	72mm
OVERALL EXTERNAL PERIMETER	320mm
POLYAMIDE UPPER	PAW939700
POLYAMIDE LOWER	PAW939700
GASKET	SWFS

Ixx	←	43.1572cm ⁴
Iyy	↑	3.8721cm ⁴



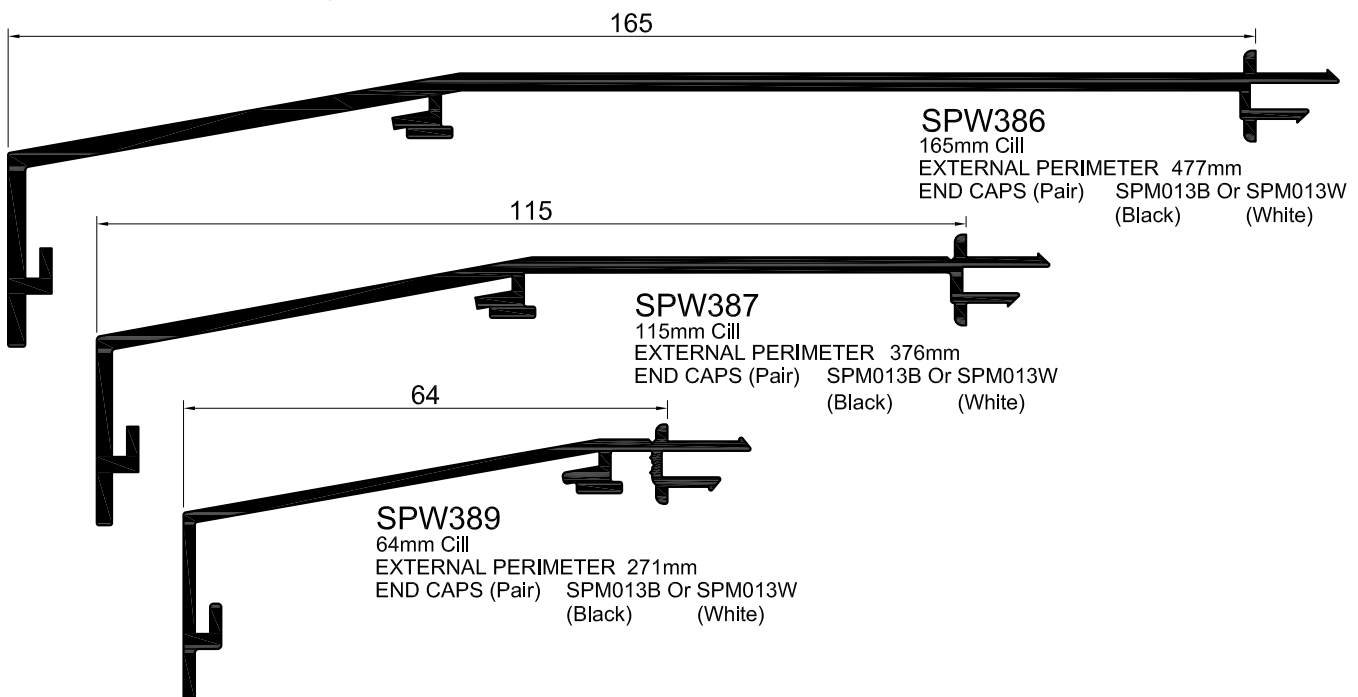
Cill Adaptor - Clip In

ALUMINIUM OUTER	SPW026
ALUMINIUM INNER	SPW653
EXTERNAL PERIMETER OUTER	239mm
EXTERNAL PERIMETER INNER	147mm
INTERNAL PERIMETER INNER	70mm
OVERALL EXTERNAL PERIMETER	308mm
POLYAMIDE UPPER	PAW939700
POLYAMIDE LOWER	PAW939700



Cill Adaptor - Pressed Cill

ALUMINIUM OUTER	SPW045
ALUMINIUM INNER	SPW653
EXTERNAL PERIMETER OUTER	239mm
INTERNAL PERIMETER OUTER	54mm
EXTERNAL PERIMETER INNER	147mm
INTERNAL PERIMETER INNER	70mm
OVERALL EXTERNAL PERIMETER	262mm
POLYAMIDE UPPER	PAW939700
POLYAMIDE LOWER	PAW939700



PUR_e Tilt Turn - Open In

PUR_e.B.214

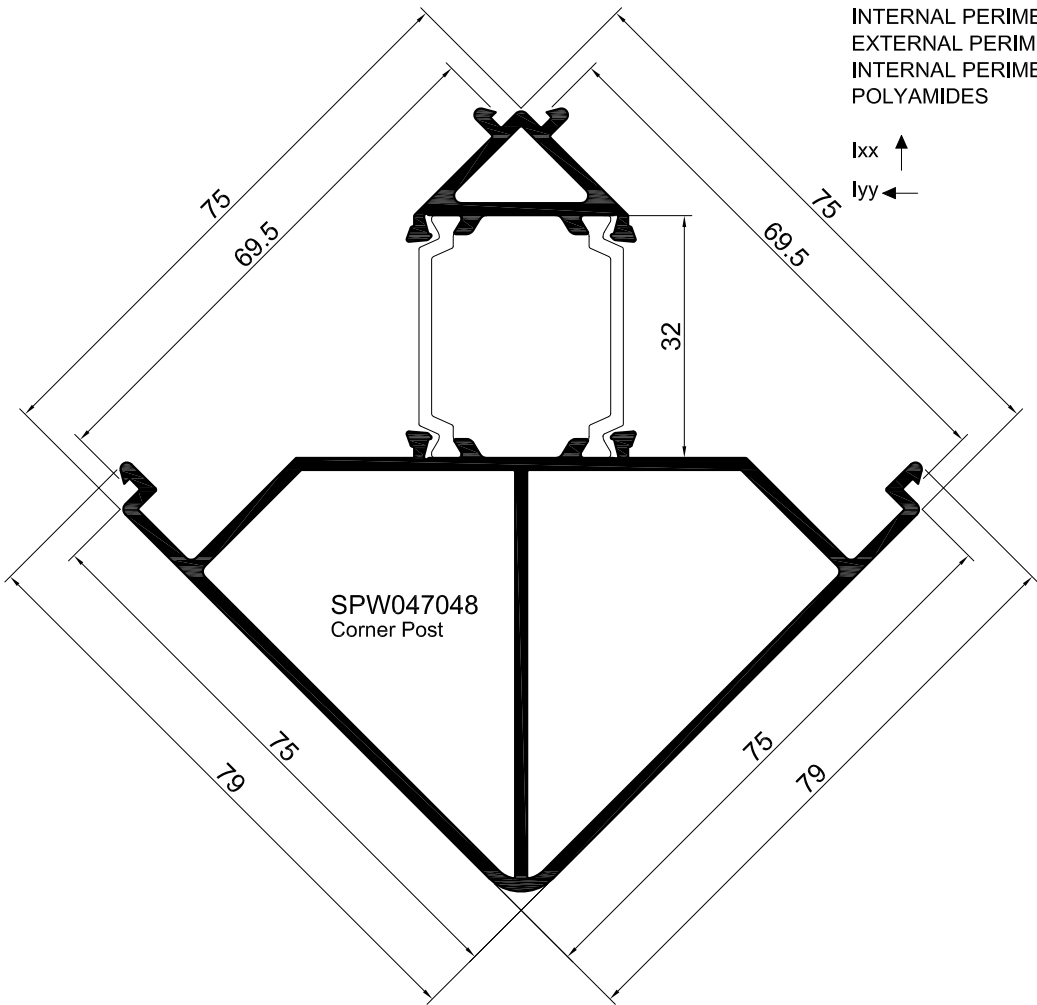
Section Identification

01.16

Corner Post

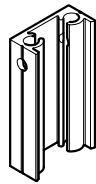
ALUMINIUM OUTER	SPW047
ALUMINIUM INNER	SPW048
EXTERNAL PERIMETER OUTER	330mm
INTERNAL PERIMETER OUTER	318mm
EXTERNAL PERIMETER INNER	113mm
INTERNAL PERIMETER INNER	45mm
POLYAMIDES	PAW939700

Ixx	40.5814cm ⁴
Iyy	52.2866cm ⁴

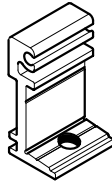




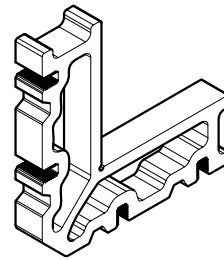
SFSPS1212
No12 x 12mm P/Hd
Stainless Steel
S/Tapping Screw



PUR020CT
Cut Screwport Cleat



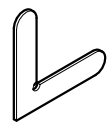
PUR009CT
Cut Shear Block



PUR021CT
Cleat - Crimp



SW4CH15
15mm Chevron



SW4CH7
7mm Chevron



SFSPS1045
No10 x 45mm PH
S/Tapping Screw



SFSGM0505
M5 x 5mm Grub
Sk Hd Screw



SFSCM0408
M4 x 8mm Csk
Stainless Steel
Skt Hd Screw



SFSPS41
No8 x 10mm P/Hd
Stainless Steel
S/Tapping Screw



SFSPS06
No8 x 25mm P/Hd
Stainless Steel
S/Tapping Screw



SFSPS1045
No10 x 45mm P/Hd
Stainless Steel
S/Tapping Screw



SFSCS03
No8 x 12mm Csk
Stainless Steel
S/Tapping Screw



SFSCS0819
No8 x 19mm Csk
Stainless Steel
S/Tapping Screw



SFSCS850
No8 x 50mm Csk
Stainless Steel
S/Tapping Screw



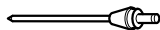
SFSPS28
No8 x 12mm P/Hd
Stainless Steel
S/Tapping Screw



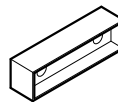
SFSCS0832
No8 x 32mm Csk
Stainless Steel
S/Tapping Screw



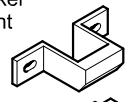
SFSCS1065
No10 x 65mm Csk
Stainless Steel
S/Tapping Screw



SWWBS
Weatherbar Stud Rivet
for SXTW216



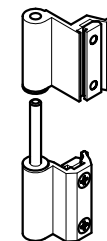
SWFCP
5mm Nylon Packer
for SWFC to Vent



SWFC
Finger Catch



SW4D
Drain Hole Cover Black
SW4DW
Drain Hole Cover White



HNGOINM
Open In Hinge Mill
HNGOINN
Open In Hinge Natural
HNGOINA
Open In Hinge Bronze
HNGOINB
Open In Hinge Black P/C

For use with sections PUR001001,
PUR002001, PUR006008 and
PUR007008.

SCA202W

Cill End Caps Pair White
For SPW499653

SCA202B

Cill End Caps Pair Black
For SPW499653

SCA201B

Cill End Caps Pair Black
For SPW65653

SCA201W

Cill End Caps Pair White
For SPW65653

SPM601

Double Opening
Vent End Cap

SPWLUG

Fixing Lug

3COS0073

Cosmopur 819
Aluminium Glue

PA25032

Coupling Bar @ 850mm SAA

PA25042

Coupling Bar @ 1000mm SAA

PA25052

Coupling Bar @ 1200mm SAA

PA25152

Tandem Eye SAA,
End Caps and Screws

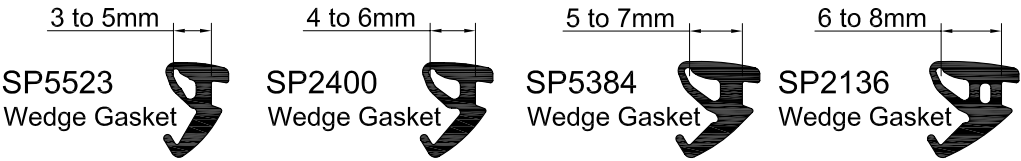
PURe Tilt Turn - Open In

PURe.C.202

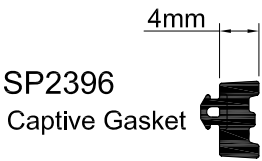
10.15

Accessories

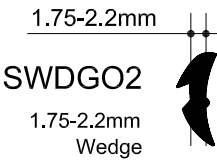
Wedge Gasket



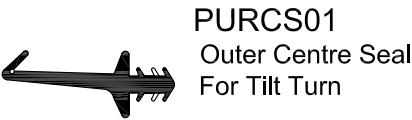
Captive Gasket



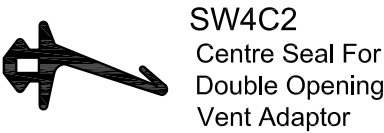
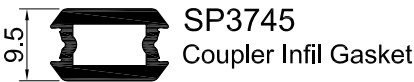
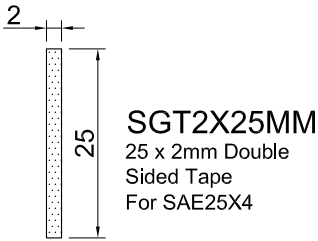
Coupler Gasket



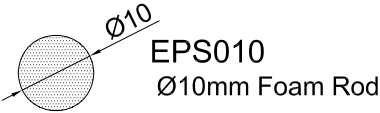
Weathering

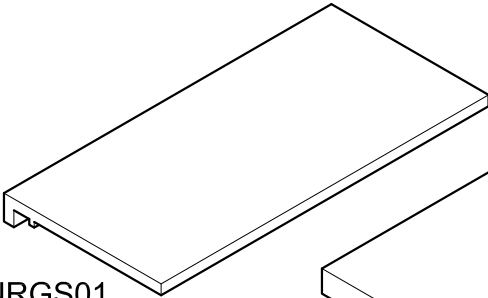


Plant on Georgian Bar

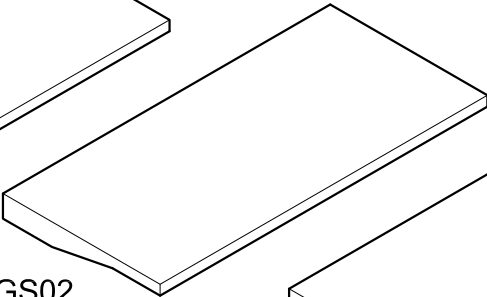


Thermal Improvement

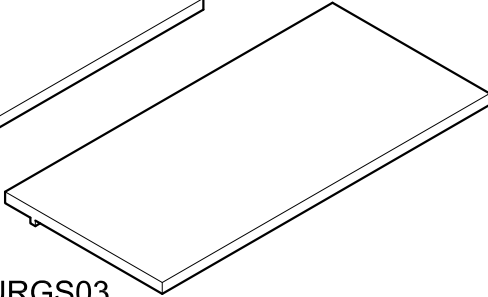




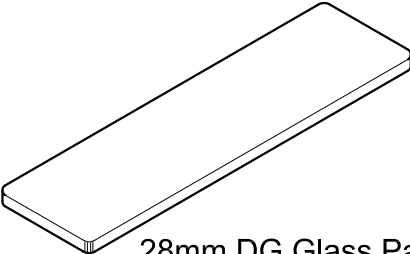
PURGS01
Frame
100mm Glass Support



PURGS02
Tilt Turn / Open In Vent
100mm Glass Support

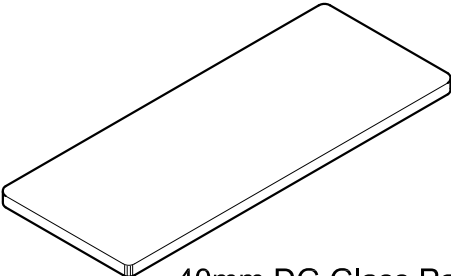


PURGS03
Multi Frame
100mm Glass Support



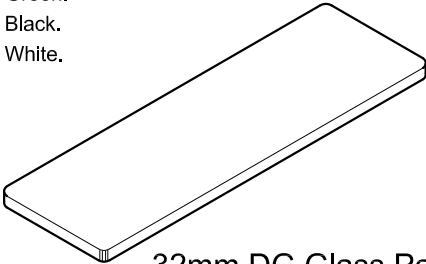
28mm DG Glass Packs

- SGP28x1mm 28mm x 100mm DG Glass Packer @ 1mm thick, Green.
- SGP28x2mm 28mm x 100mm DG Glass Packer @ 2mm thick, Black.
- SGP28x3mm 28mm x 100mm DG Glass Packer @ 3mm thick, White.



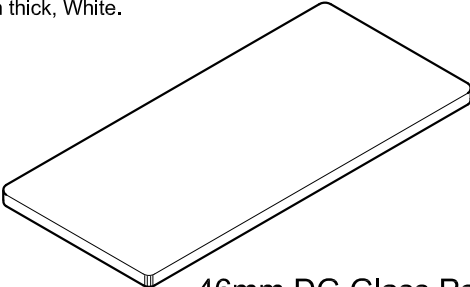
40mm DG Glass Packs

- SGP40x2mm 40mm x 100mm DG Glass Packer @ 2mm thick, Black.
- SGP40x3mm 40mm x 100mm DG Glass Packer @ 3mm thick, White.



32mm DG Glass Packs

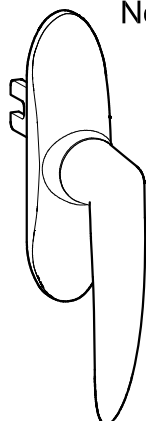
- SGP32x2mm 32mm x 100mm DG Glass Packer @ 2mm thick, Black.
- SGP32x3mm 32mm x 100mm DG Glass Packer @ 3mm thick, White.



46mm DG Glass Packs

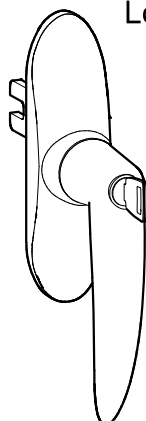
- SGP46x2mm 46mm x 100mm DG Glass Packer @ 2mm thick, Black.
- SGP46x3mm 46mm x 100mm DG Glass Packer @ 3mm thick, White.

Fork Drive
Non Locking



SO3000659SN
Handle Non Locking - Natural
SO3000659SW
Handle Non Locking - White
SO3000659SB
Handle Non Locking - Black

Fork Drive
Locking



SO31300659SRCYLN
Handle Locking RH - Natural
SO31300659SRCYLW
Handle Locking RH - White
SO31300659SRCYLB
Handle Locking RH - Black
SO31300659SLCYLN
Handle Locking LH - Natural
SO31300659SLCYLW
Handle Locking LH - White
SO31300659SLCYLB
Handle Locking LH - Black

Note: Handling Viewed Internal



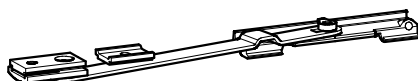
SO200006596
Cover to restrict handle to 90°
Tilt Only



SO3546
Handle Stiffener

FOR CHRONO TILT TURN GEARING
SEE SECTION E

FOR INVISION TILT TURN GEARING
SEE SECTION E



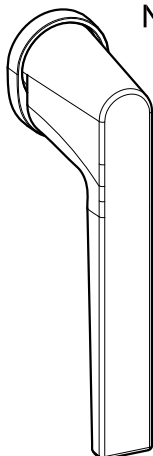
Limiting Device
Restrictor

SO35140901
For Vent Size 500-650mm

SO35140902
For Vent Size 651-1300mm

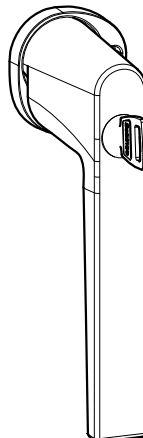
SO35140903
For Vent Size 1301-1700mm

Spindle Drive
Non Locking



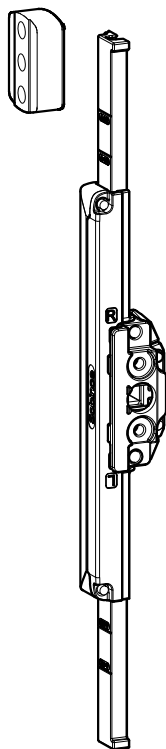
SO30000674SN
Handle Non Locking - Natural
SO30000674SW
Handle Non Locking - White
SO30000674SB
Handle Non Locking - Black

Spindle Drive
Locking



SO31000673SRCYLN
Handle Locking RH - Natural
SO31000673SRCYLW
Handle Locking RH - White
SO31000673SRCYLB
Handle Locking RH - Black
SO31000673SLCYLN
Handle Locking LH - Natural
SO31000673SLCYLW
Handle Locking LH - White
SO31000673SLCYLB
Handle Locking LH - Black

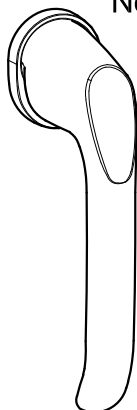
Note: Handling Viewed Internal



SO35300720

Security Lockcase Comprising:
1No 30340-632-1
1No 35000-720

Spindle Drive
Non Locking



SO30000671SN
Handle Non Locking - Natural
SO30000671SW
Handle Non Locking - White
SO30000671SB
Handle Non Locking - Black

Spindle Drive
Locking



SO31000670SRCYLN
Handle Locking RH - Natural
SO31000670SRCYLW
Handle Locking RH - White
SO31000670SRCYLB
Handle Locking RH - Black
SO31000670SLCYLN
Handle Locking LH - Natural
SO31000670SLCYLW
Handle Locking LH - White
SO31000670SLCYLB
Handle Locking LH - Black

Note: Handling Viewed Internal

PUR_e Tilt Turn - Open In

PUR_e.C.206

Accessories

05.16

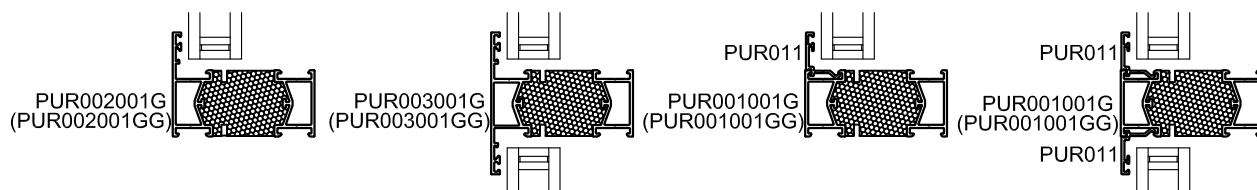


TABLE G1: 'Glazed In' PUR_e Standard & Multi Frame

IGU Thickness(mm)	Glazing Space(mm)	Bead Reference		Captive External	Wedge Internal	Standard Glass Support	Multi Glass Support
		Vertical	Horizontal				
28.0	37.0	PUR018	PUR018	SP2396	SP2400	PURGS01	PURGS03
		PUR050	PUR018	SP2396	SP2400	PURGS01	PURGS03
		PUR050	PUR050	SP2396	SP2400	PURGS01	PURGS03
30.0	41.0	PUR017	PUR017	SP2396	SP2136	PURGS01	PURGS03
32.0	41.0	PUR017	PUR017	SP2396	SP2400	PURGS01	PURGS03
34.0	45.0	PUR016	PUR016	SP2396	SP2136	PURGS01	PURGS03
36.0	45.0	PUR016	PUR016	SP2396	SP2400	PURGS01	PURGS03
38.0	49.0	PUR015	PUR015	SP2396	SP2136	PURGS01	PURGS03
40.0	49.0	PUR015	PUR015	SP2396	SP2400	PURGS01	PURGS03
42.0	53.0	PUR014	PUR014	SP2396	SP2136	PURGS01	PURGS03
44.0	53.0	PUR014	PUR014	SP2396	SP2400	PURGS01	PURGS03
46.0	57.0	PUR013	PUR013	SP2396	SP2136	PURGS01	PURGS03
48.0	57.0	PUR013	PUR013	SP2396	SP2400	PURGS01	PURGS03
50.0	61.0	PUR012	PUR012	SP2396	SP2136	PURGS01	PURGS03

Check Hardware Suitability When Using Heavy Glazing Panels

NOTE: SIZES ARE NOMINAL, THE CHOICE OF WEDGE GASKET
MAY NEED TO BE ALTERED TO ACCOMMODATE TOLERANCE
IN EXTRUSIONS & GLASS UNITS.

NOTE: FOR THERMAL IMPROVEMENT - SEE ALSO PAGES PUR_e.C.209 & PUR_e.C.210

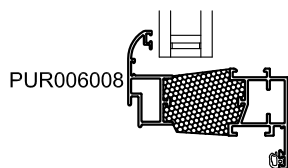


TABLE G3: 'Glazed In' PURe Radius Vent

IGU Thickness(mm)	Glazing Space(mm)	Bead Reference		Captive External	Wedge Internal	Glass Support
		Vertical	Horizontal			
28.0	37.0	PUR016	PUR016	SP2396	SP2400	PURGS04
		PUR049	PUR016	SP2396	SP2400	PURGS04
		PUR049	PUR049	SP2396	SP2400	PURGS04
30.0	41.0	PUR015	PUR015	SP2396	SP2136	PURGS04
32.0	41.0	PUR015	PUR015	SP2396	SP2400	PURGS04
34.0	45.0	PUR014	PUR014	SP2396	SP2136	PURGS04
36.0	45.0	PUR014	PUR014	SP2396	SP2400	PURGS04
38.0	49.0	PUR013	PUR013	SP2396	SP2136	PURGS04
40.0	49.0	PUR013	PUR013	SP2396	SP2400	PURGS04
42.0	53.0	PUR012	PUR012	SP2396	SP2136	PURGS04
44.0	53.0	PUR012	PUR012	SP2396	SP2400	PURGS04
46.0	58.0	PUR011	PUR011	SP2396	SP2136	PURGS04
48.0	58.0	PUR011	PUR011	SP2396	SP2401	PURGS04

Check Hardware Suitability When Using Heavy Glazing Panels

NOTE: SIZES ARE NOMINAL, THE CHOICE OF WEDGE GASKET
MAY NEED TO BE ALTERED TO ACCOMMODATE TOLERANCE
IN EXTRUSIONS & GLASS UNITS.

NOTE: FOR THERMAL IMPROVEMENT - SEE ALSO PAGES PURe.C.209 & PURe.C.210

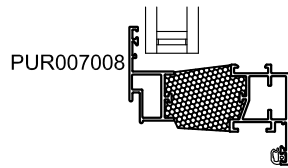


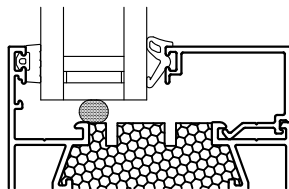
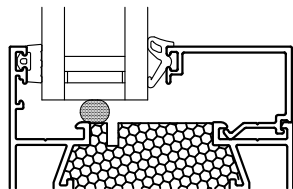
TABLE G4: 'Glazed In' PUR_e.Flat Vent

IGU Thickness(mm)	Glazing Space(mm)	Bead Reference Internal	Captive External	Wedge Internal	Glass Support
28.0	37.0	PUR018	SP2396	SP2400	PURGS02
30.0	41.0	PUR017	SP2396	SP2136	PURGS02
32.0	41.0	PUR017	SP2396	SP2400	PURGS02
34.0	45.0	PUR016	SP2396	SP2136	PURGS02
36.0	45.0	PUR016	SP2396	SP2400	PURGS02
38.0	49.0	PUR015	SP2396	SP2136	PURGS02
40.0	49.0	PUR015	SP2396	SP2400	PURGS02
42.0	53.0	PUR014	SP2396	SP2136	PURGS02
44.0	53.0	PUR014	SP2396	SP2400	PURGS02
46.0	57.0	PUR013	SP2396	SP2136	PURGS02
48.0	57.0	PUR013	SP2396	SP2400	PURGS02
50.0	61.0	PUR012	SP2396	SP2136	PURGS02

Check Hardware Suitability When Using Heavy Glazing Panels

NOTE: SIZES ARE NOMINAL, THE CHOICE OF WEDGE GASKET
MAY NEED TO BE ALTERED TO ACCOMMODATE TOLERANCE
IN EXTRUSIONS & GLASS UNITS.

NOTE: FOR THERMAL IMPROVEMENT - SEE ALSO PAGES PUR_e.C.209 & PUR_e.C.210



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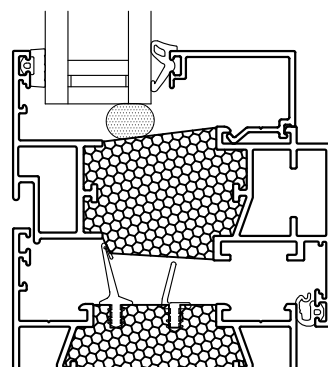
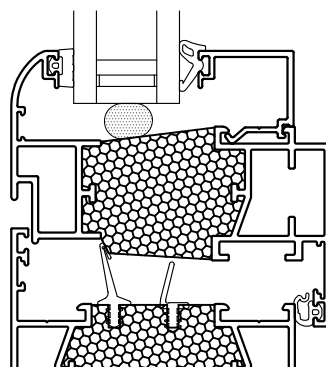
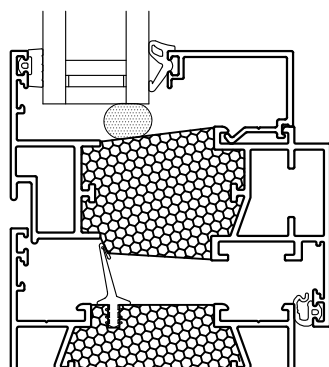
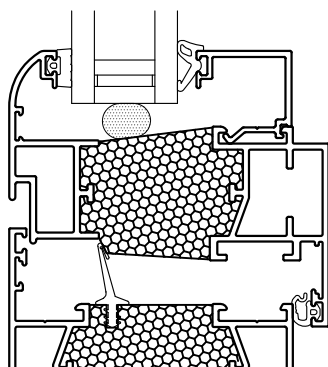
OR

4

5

OR

6



- | | |
|---|--|
| 1 | 'G' FRAMING WITH EPS010 FOAM ROD |
| 2 | 'GG' FRAMING WITH EPS010 FOAM ROD |
| 3 | 'G' FRAMING AND RADIUS VENT WITH EPS005 FOAM ROD |
| 4 | 'G' FRAMING AND FLAT VENT WITH EPS005 FOAM ROD |
| 5 | 'GG' FRAMING WITH PURCS02 CENTRE BAFFLE AND RADIUS VENT WITH EPS005 FOAM ROD |
| 6 | 'GG' FRAMING WITH PURCS02 CENTRE BAFFLE AND FLAT VENT WITH EPS005 FOAM ROD |

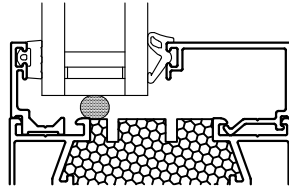
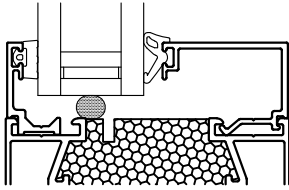
NOTE: TO BE READ IN CONJUNCTION WITH PAGES PURe.C.205 TO PURe.C.208

PUR_e Tilt Turn - Open In

PUR_e.C.210

Accessories - Multi Frame - Improved Thermal Options

06.18



7

8

+

+

9

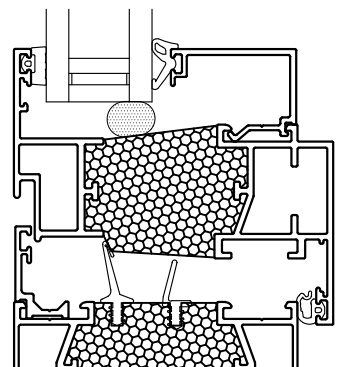
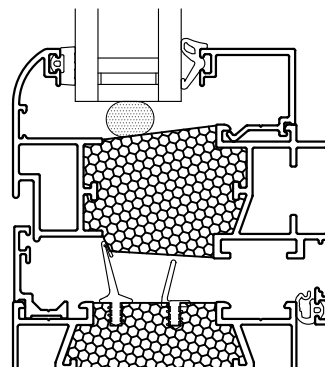
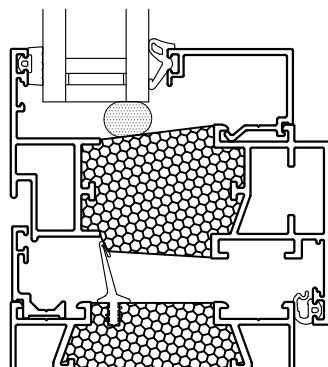
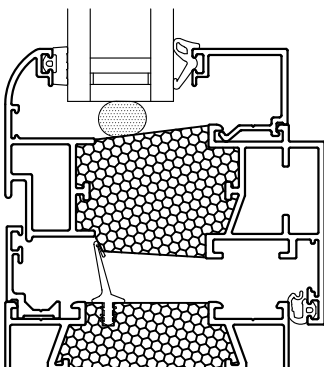
OR

10

11

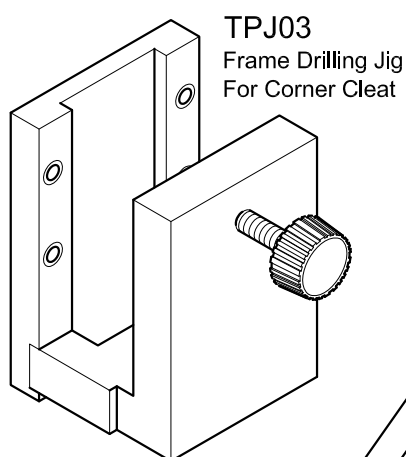
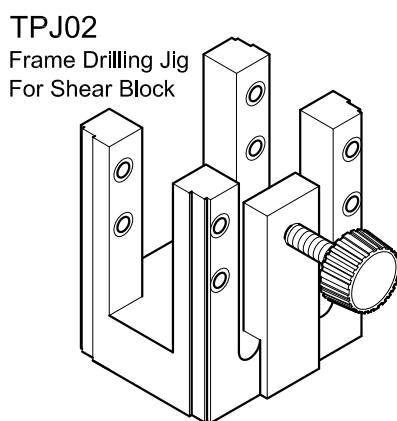
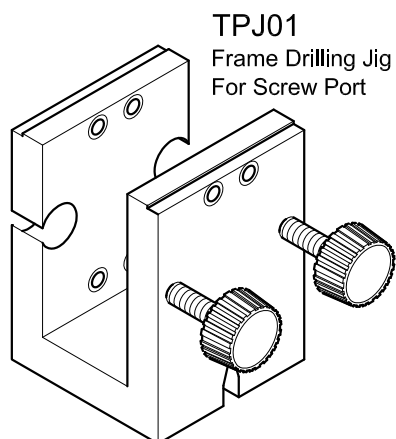
OR

12

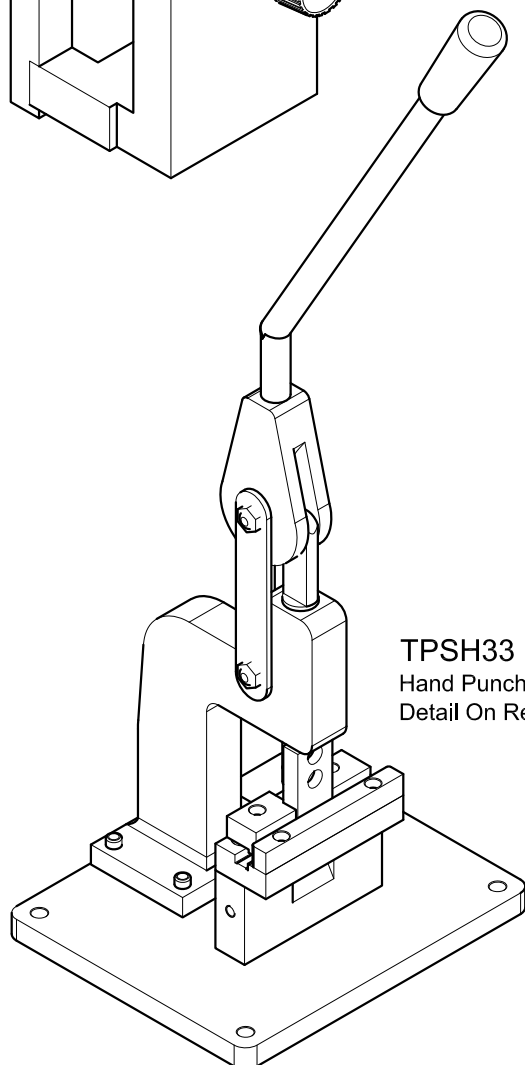
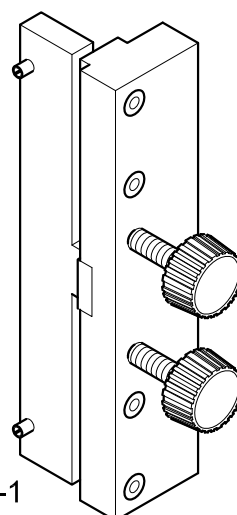
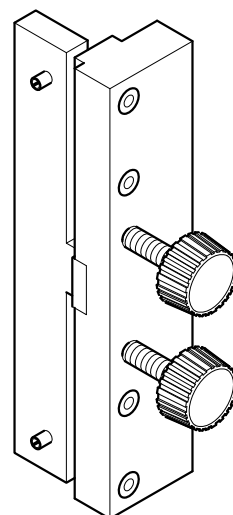


- | | |
|----|--|
| 7 | 'G' MULTI FRAMING WITH EPS010 FOAM ROD |
| 8 | 'GG' MULTI FRAMING WITH EPS010 FOAM ROD |
| 9 | 'G' MULTI FRAMING AND RADIUS VENT WITH EPS005 FOAM ROD |
| 10 | 'G' MULTI FRAMING AND FLAT VENT WITH EPS005 FOAM ROD |
| 11 | 'GG' MULTI FRAMING WITH PURCS02 CENTRE BAFFLE AND RADIUS VENT WITH EPS005 FOAM ROD |
| 12 | 'GG' MULTI FRAMING WITH PURCS02 CENTRE BAFFLE AND FLAT VENT WITH EPS005 FOAM ROD |

NOTE: TO BE READ IN CONJUNCTION WITH PAGES PUR_e.C.205 TO PUR_e.C.208



TPJ05-2
Vent Drilling Jig
For Inner Corner Cleat

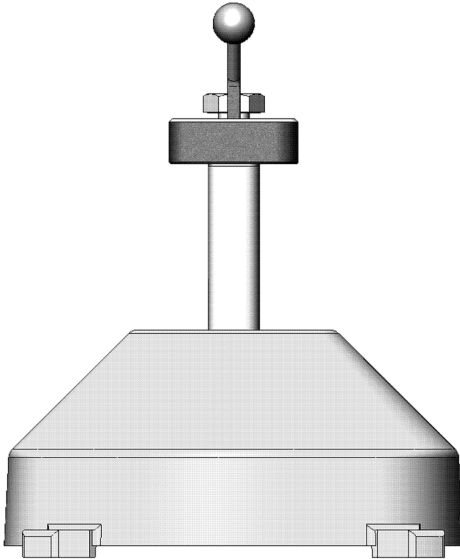


Accessories

12.16

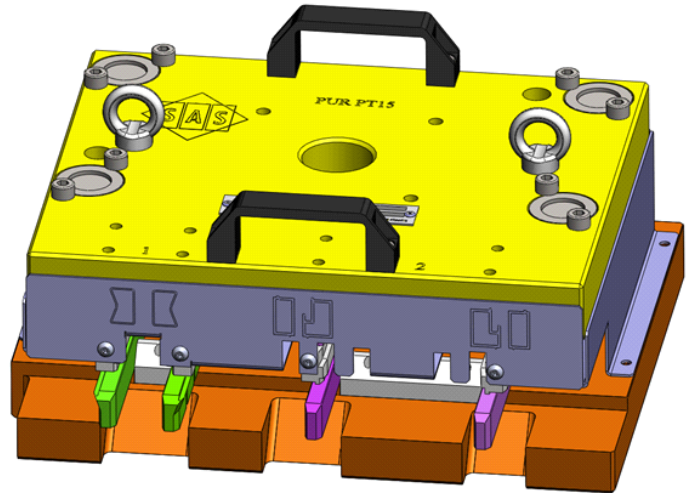
SF52PC01

Pneumatic Cylinder For Tooling
See Tooling Manual for Available Operations

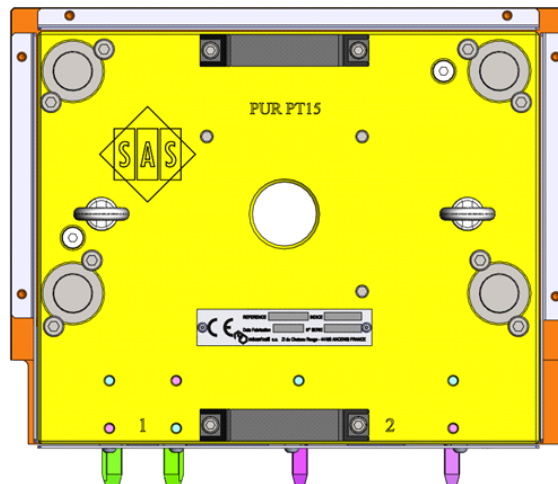


PURPT15

Pneumatic Punch Tool Head
See Tooling Manual for Available Operations

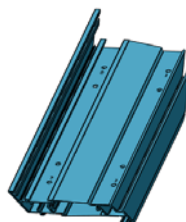


PURPT15 STATION LAYOUT



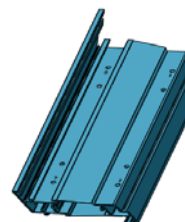
STATION 1

PUR001001 Preparation
PUR001002 Preparation
PUR006008 Preparation
PUR007008 Preparation



STATION 2

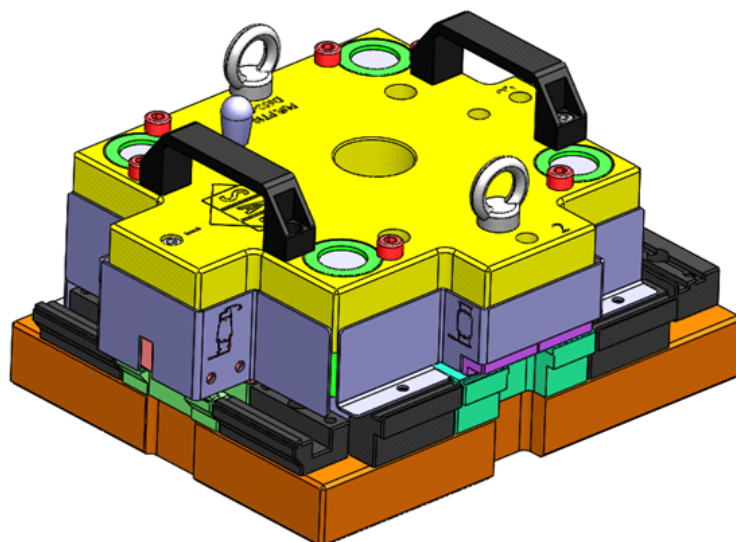
PUR001001 Preparation
PUR001002 Preparation
PUR006008 Preparation
PUR007008 Preparation



PURPT16

Pneumatic Punch Tool Head

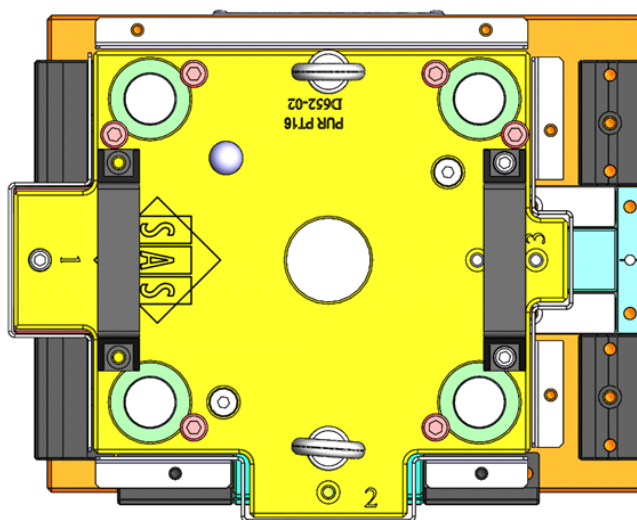
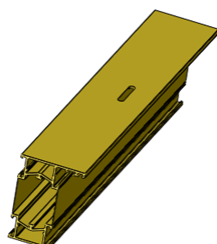
See Tooling Manual for Available Operations



PURPT16 STATION LAYOUT

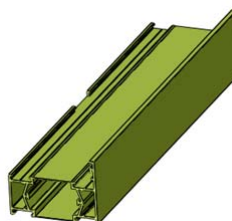
STATION 1

PUR002001 Preparation
PUR003001 Preparation
PUR006008 Preparation
PUR007008 Preparation



STATION 2

PUR001001 Preparation
PUR001002 Preparation
PUR001003 Preparation



STATION 3

PUR011 Preparation
PUR012 Preparation
PUR013 Preparation
PUR014 Preparation
PUR015 Preparation
PUR016 Preparation
PUR017 Preparation
PUR018 Preparation



PUR_e Tilt Turn - Open In

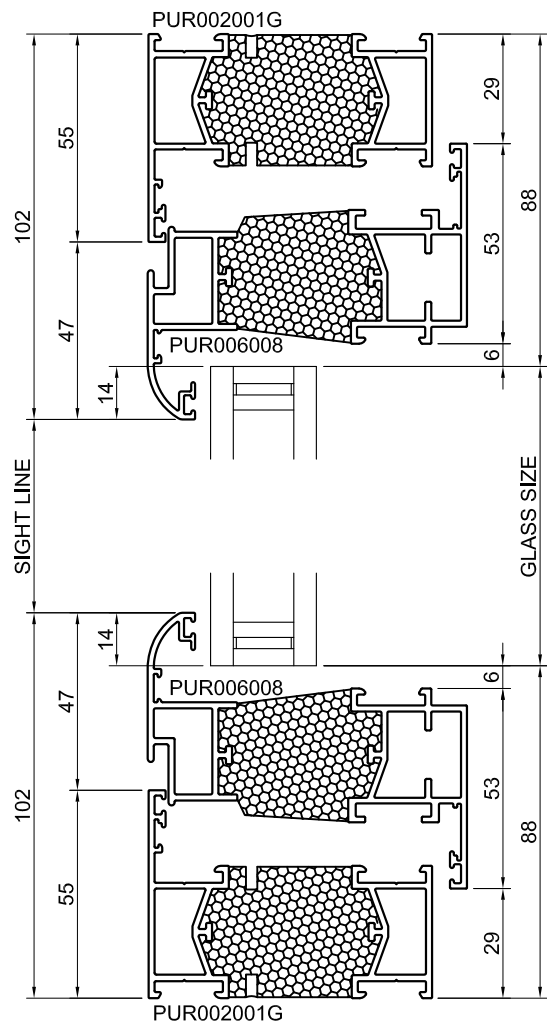
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PUR_e.C.214

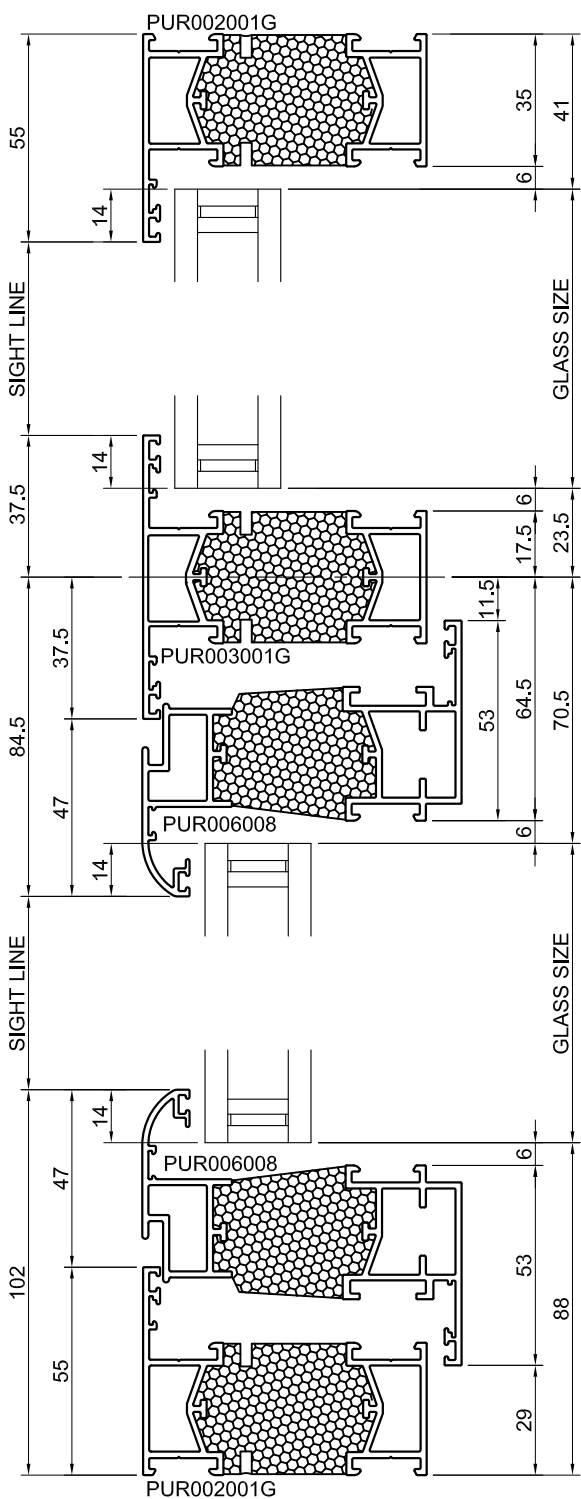
12.16

PURe Tilt Turn - Open In

Deductions - Frame And Glass Vertical
Radius Vent Shown



* NOTE - FLAT VENT DEDUCTIONS AS ABOVE.
MULTI FRAME DEDUCTIONS AS ABOVE.



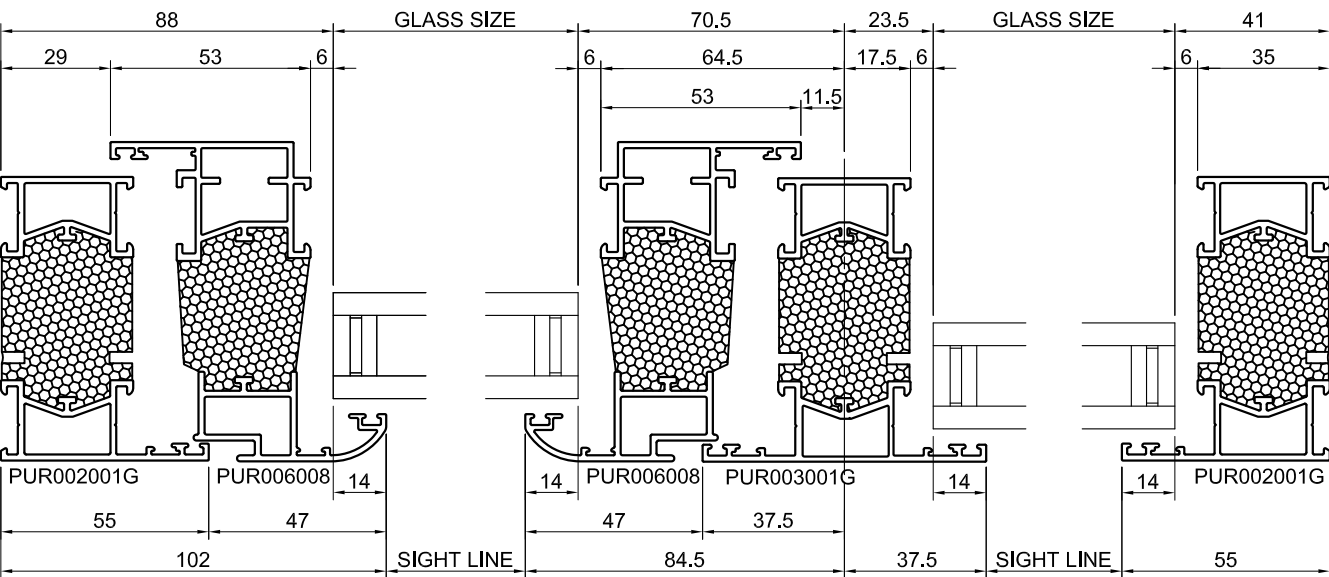
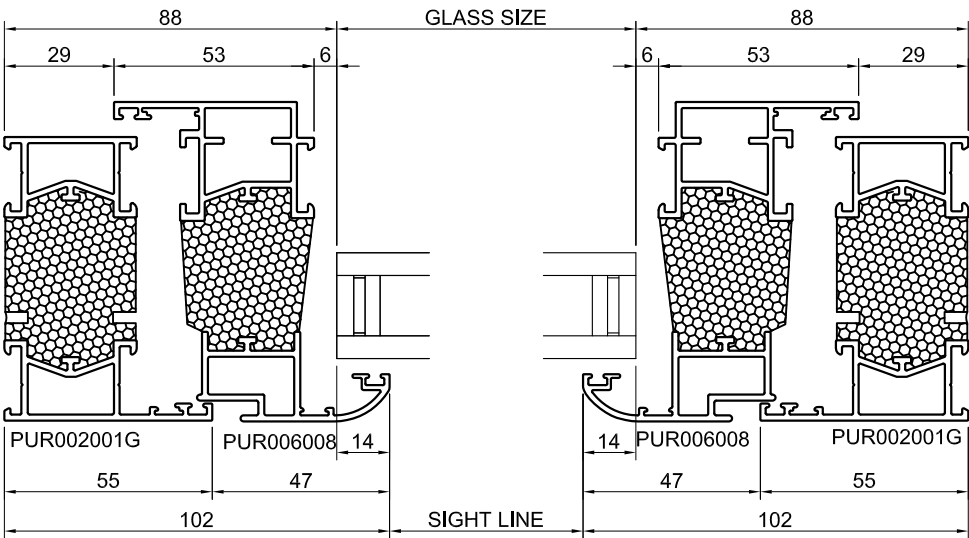
For Beads See Section C

PUR_e Tilt Turn - Open In

PUR_e.D.202

02.15

Deductions- Frame And Glass Horizontal
Radius Vent Shown



* NOTE - FLAT VENT DEDUCTIONS AS ABOVE.
MULTI FRAME DEDUCTIONS AS ABOVE.

For Beads See Section C

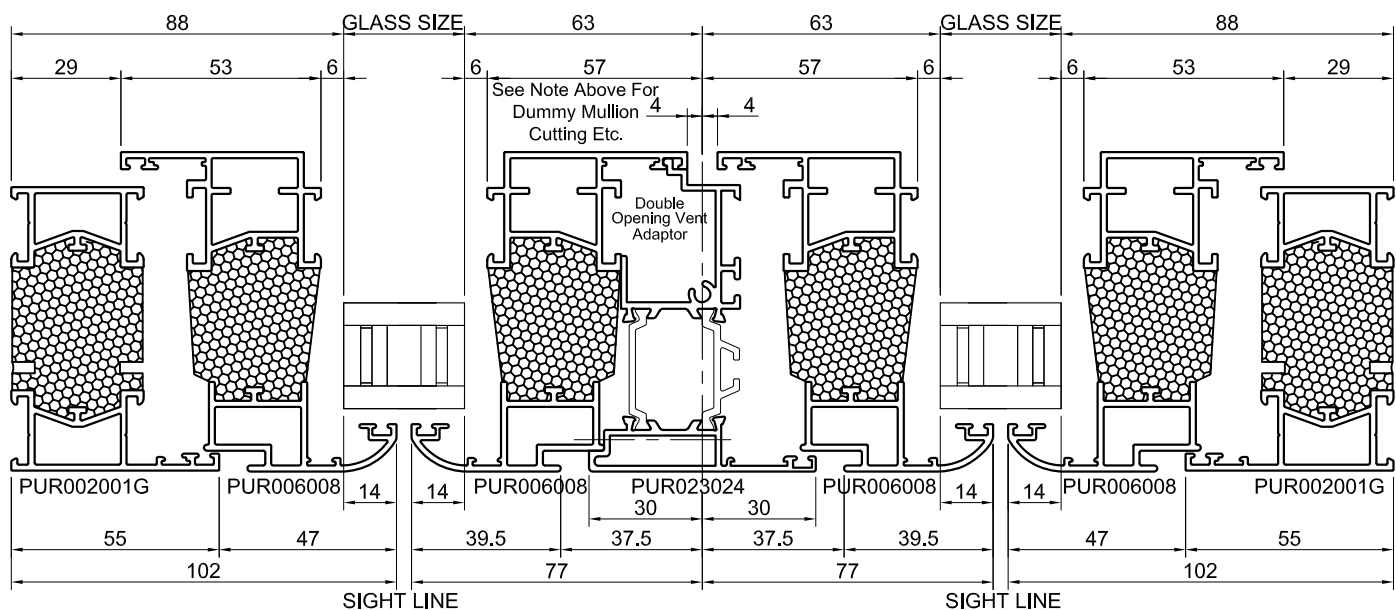
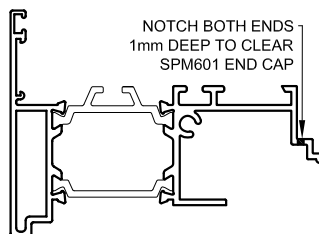
PURe Tilt Turn - Open In

Deductions - Frame And Glass Horizontal
Radius Vent Shown

PUR023024

Double Opening Vent Adaptor

Cut Dummy Mullion at Frame Height Less
56mm (28mm Top and Bottom).
Fix Dummy Mullion to Vent using
SFSCS850 #8 x 50 Csk St/St Self Tapping
Screws @ 150mm Max Centres.
Fix End Caps SPM601 To Dummy Mullion
Using SFSCS0819 #8 x 19 Csk St/St Self
Tapping Screws.

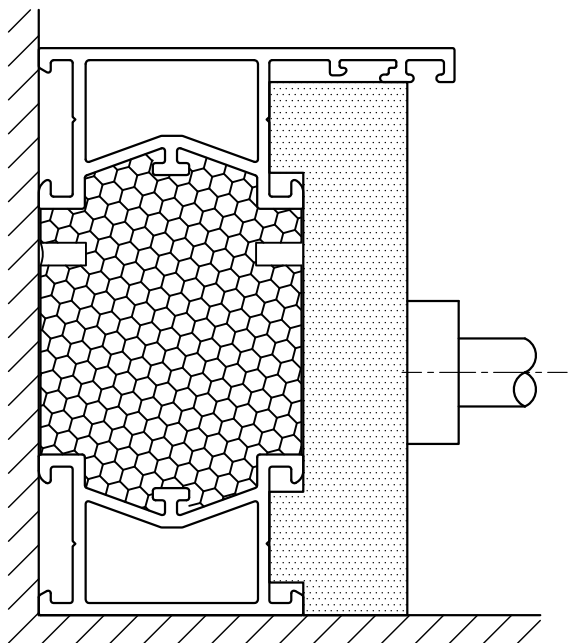


* NOTE - FLAT VENT DEDUCTIONS AS ABOVE.
MULTI FRAME DEDUCTIONS AS ABOVE.

For Beads See Section C

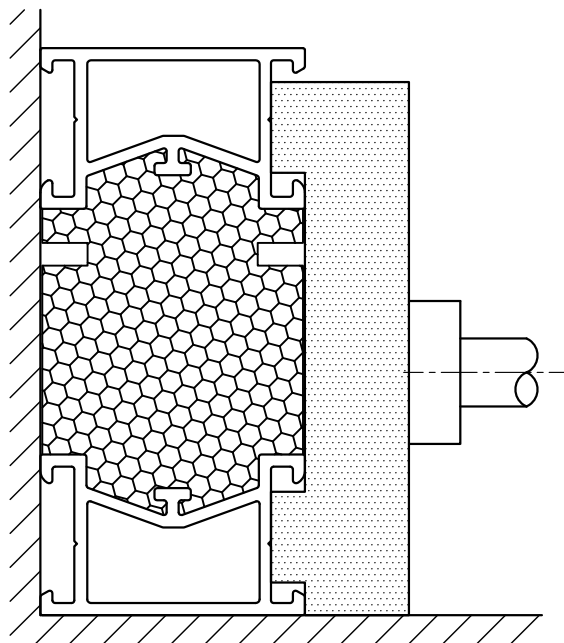
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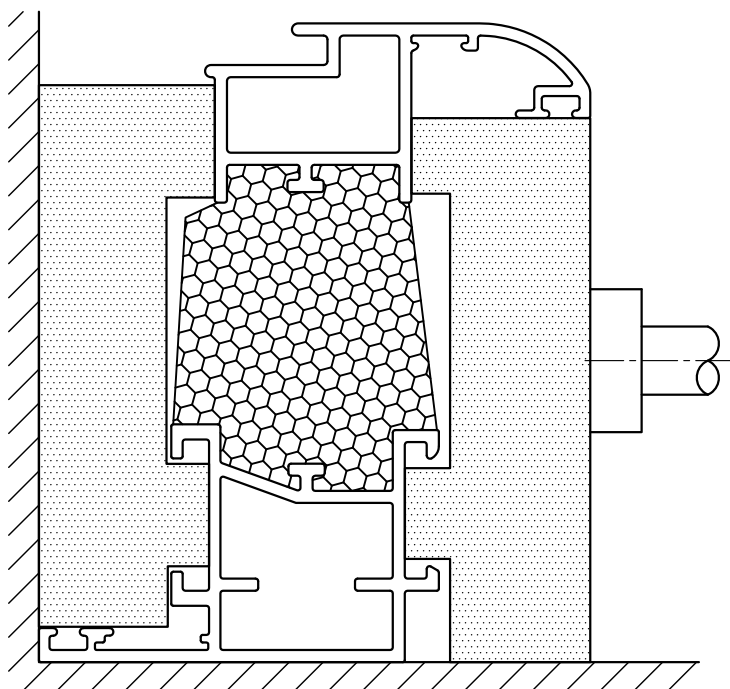
PUR002001G (PUR002001GG)

Outer Frame



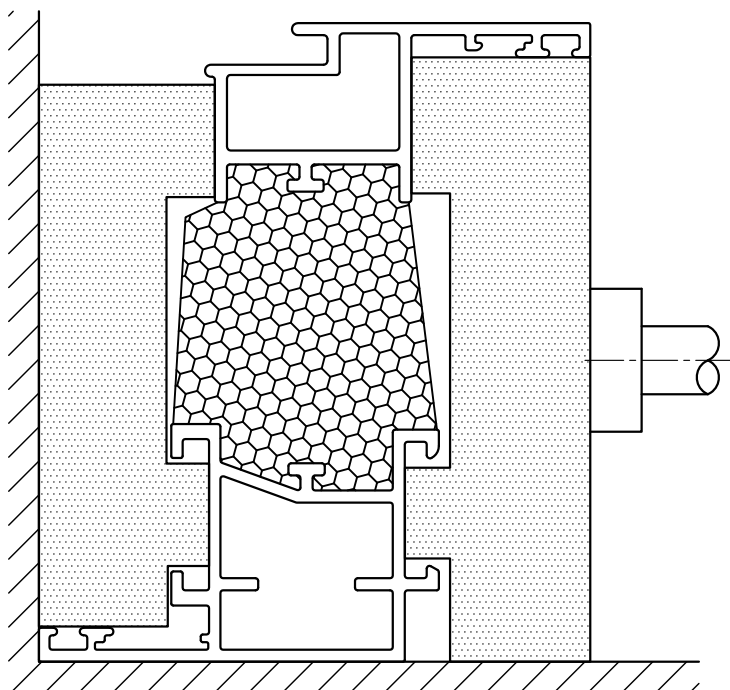
PUR001001G (PUR001001GG)

Multi Frame



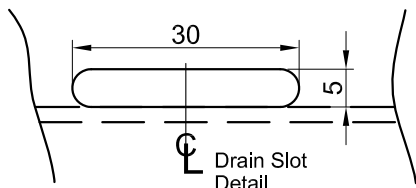
PUR006008

Radius Vent



PUR007008

Flat Vent



Face Drained:

Machine Drainage Slots 100mm From Corner Of Glazing Aperture On The Frame (Positions B & D) And On The Vent (Position B) And At Maximum 600mm Centres.

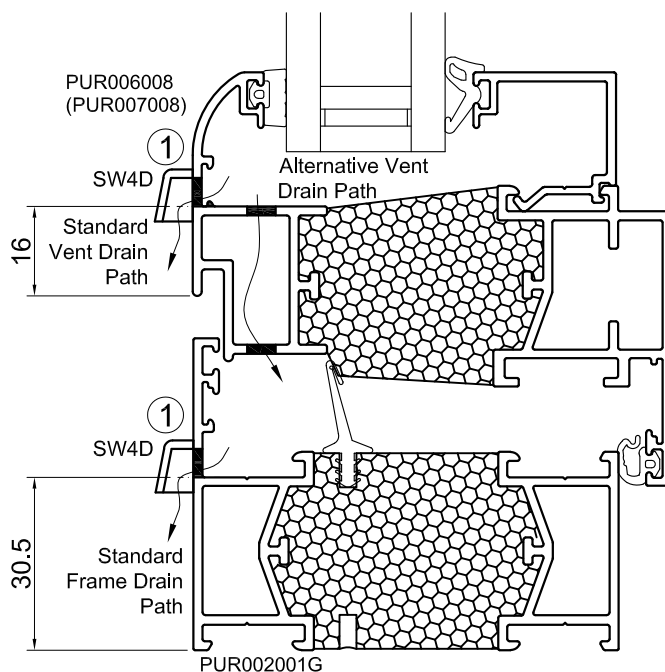
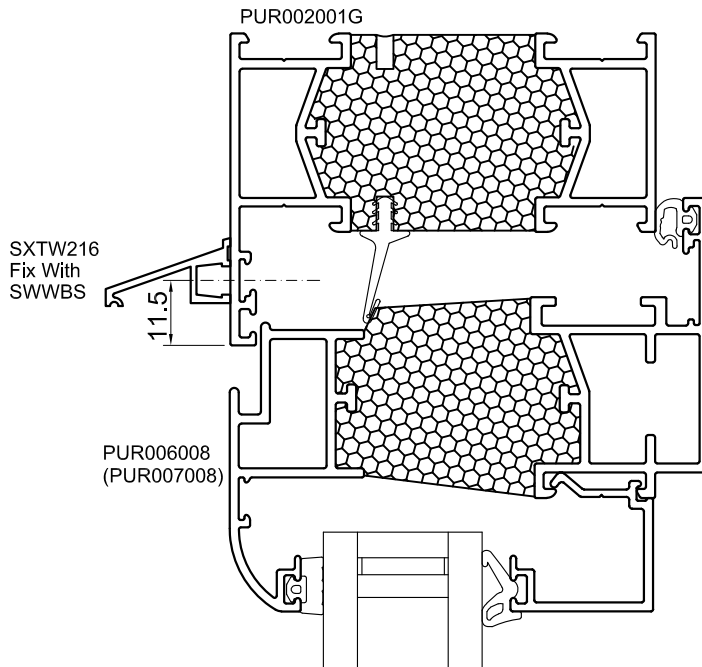
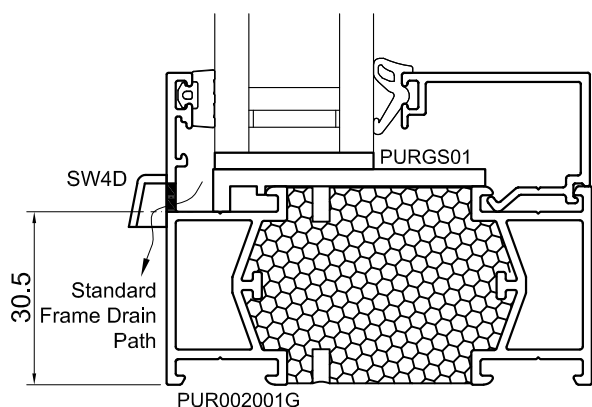
If Alternative Drainage Path In Lieu

Of Face Drained On The Vent:

Machine Drainage Slots 165mm From Corner Of Glazing Aperture On The Vent (Position B) And At Maximum 600mm Centres.

IMPORTANT

FACE DRAINAGE AT ① CAN BE DONE ON PUNCH TOOL PURPT16 - STATION 1



* NOTE - FLAT VENT DRAINAGE AS ABOVE.

** NOTE - ENSURE GLAZING PACKERS DO NOT OBSTRUCT DRAINAGE PATHS.

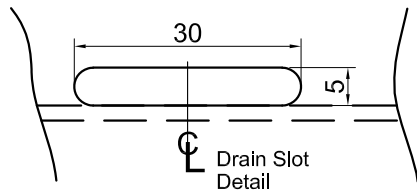
Seal All Metal To Metal Joints With Low Modulus Silicone

PUR_e Tilt Turn - Open In

PUR_e.D.208

Drainage - Transom

06.18



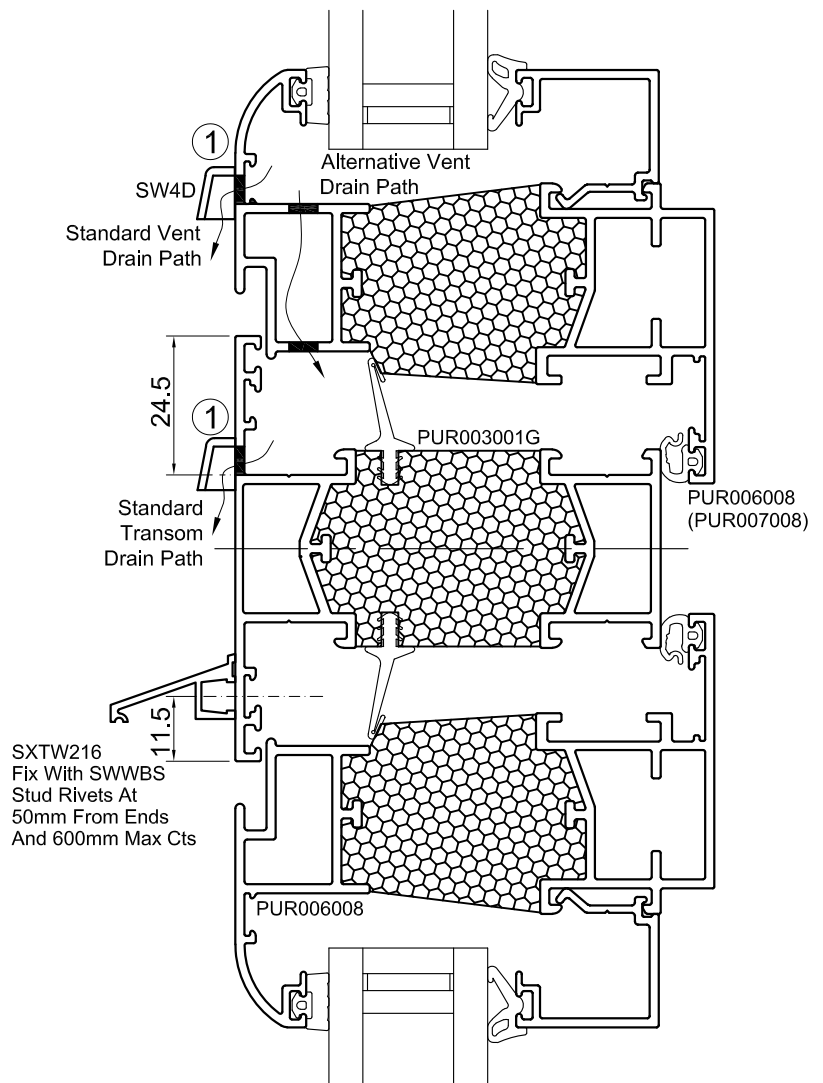
Face Drained:

Machine Drainage Slots 100mm From Corner Of Glazing Aperture On The Frame (Positions B & D) And On The Vent (Position B) And At Maximum 600mm Centres.

If Alternative Drainage Path In Lieu Of Face Drained On The Vent:

Machine Drainage Slots 165mm From Corner Of Glazing Aperture On The Vent (Position B) And At Maximum 600mm Centres.

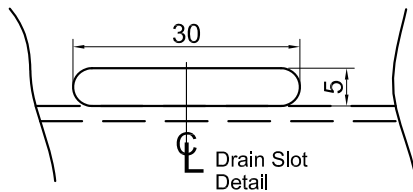
IMPORTANT
FACE DRAINAGE AT ① CAN BE DONE ON PUNCH TOOL
PURPT16 - STATION 1



* NOTE - FLAT VENT DRAINAGE AS ABOVE.

** NOTE - ENSURE GLAZING PACKERS DO NOT OBSTRUCT DRAINAGE PATHS.

Seal All Metal To Metal Joints With Low Modulus Silicone

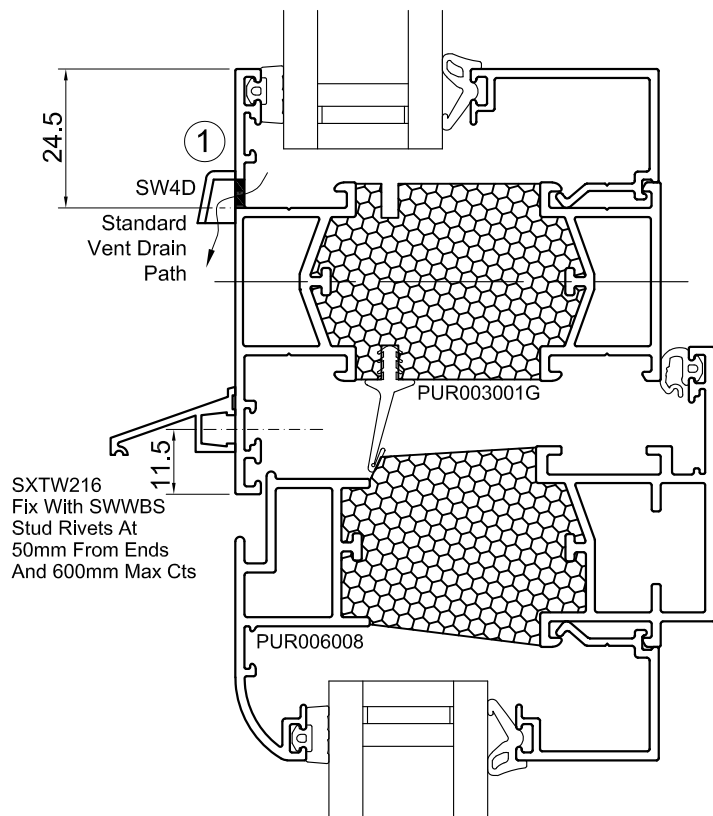


Face Drained:

Machine Drainage Slots 100mm From Corner Of Glazing Aperture On The Frame (Positions B & D) And On The Vent (Position B) And At Maximum 600mm Centres.

IMPORTANT

FACE DRAINAGE AT ① CAN BE DONE ON PUNCH TOOL PURPT16 - STATION 1



* NOTE - FLAT VENT DRAINAGE AS ABOVE.

** NOTE - ENSURE GLAZING PACKERS DO NOT OBSTRUCT DRAINAGE PATHS.

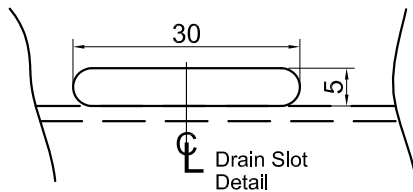
Seal All Metal To Metal Joints With Low Modulus Silicone

PUR_e Tilt Turn - Open In

PUR_e.D.210

Drainage - Multi Frame

06.18



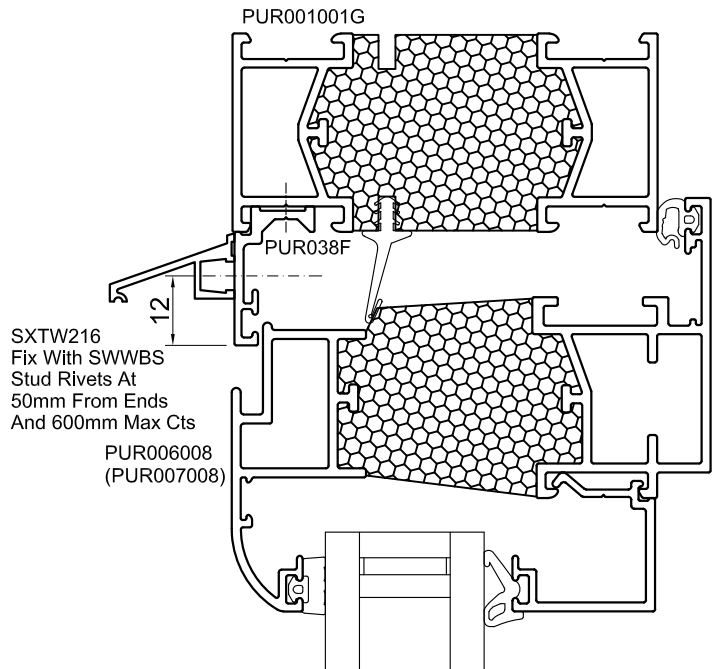
Face Drained:

Machine Drainage Slots 100mm From Corner Of Glazing Aperture On The Frame (Positions B & D) And On The Vent (Position B) And At Maximum 600mm Centres.

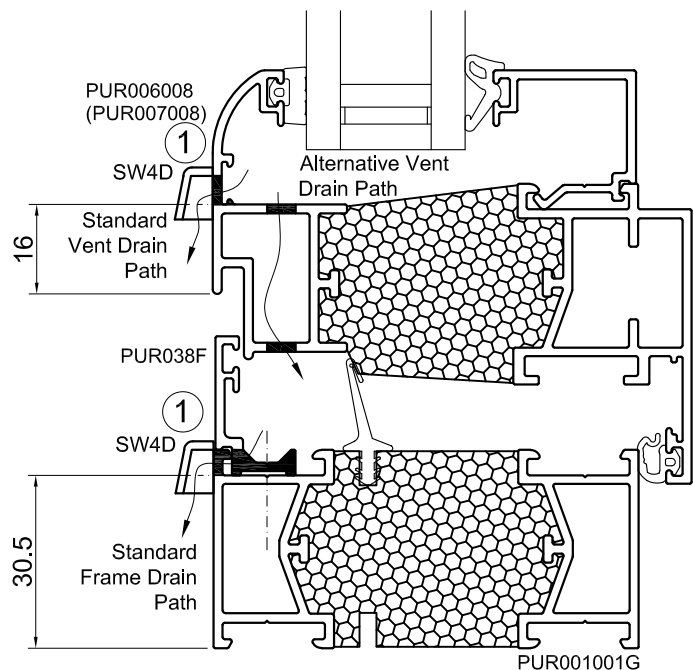
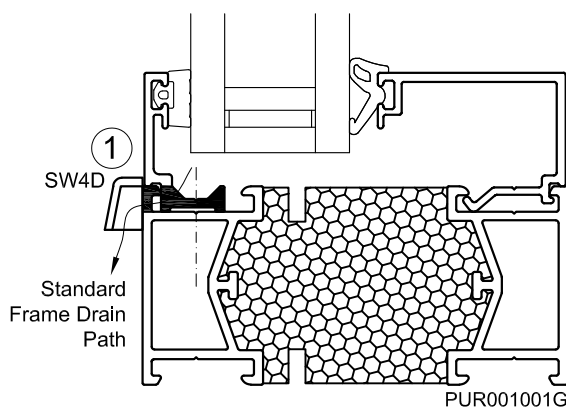
If Alternative Drainage Path In Lieu

Of Face Drained On The Vent:

Machine Drainage Slots 165mm From Corner Of Glazing Aperture On The Vent (Position B) And At Maximum 600mm Centres.



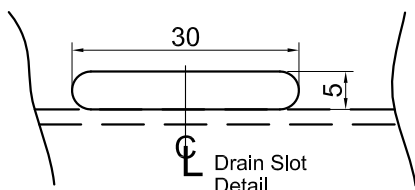
IMPORTANT
FACE DRAINAGE AT ① CAN BE
DONE ON PUNCH TOOL
PURPT16 - STATION 1.



* NOTE - FLAT VENT DRAINAGE AS ABOVE.

** NOTE - ENSURE GLAZING PACKERS DO NOT
OBSTRUCT DRAINAGE PATHS.

Seal All Metal To Metal Joints With Low Modulus Silicone



Face Drained:

Machine Drainage Slots 100mm
From Corner Of Glazing
Aperture On The Frame
(Positions B & D) And At
Maximum 600mm Centres.

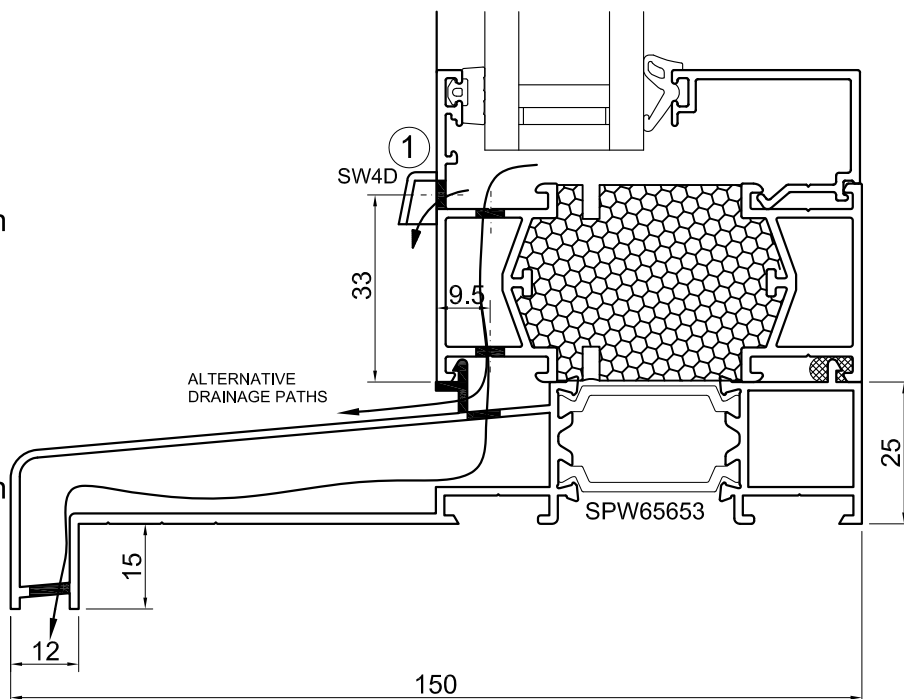
If Alternative Drainage Path In

Lieu Of Face Drained:

Machine Drainage Slots 100mm
From Corner Of Glazing
Aperture On The Frame
(Position B) And At Maximum
600mm Centres.

IMPORTANT

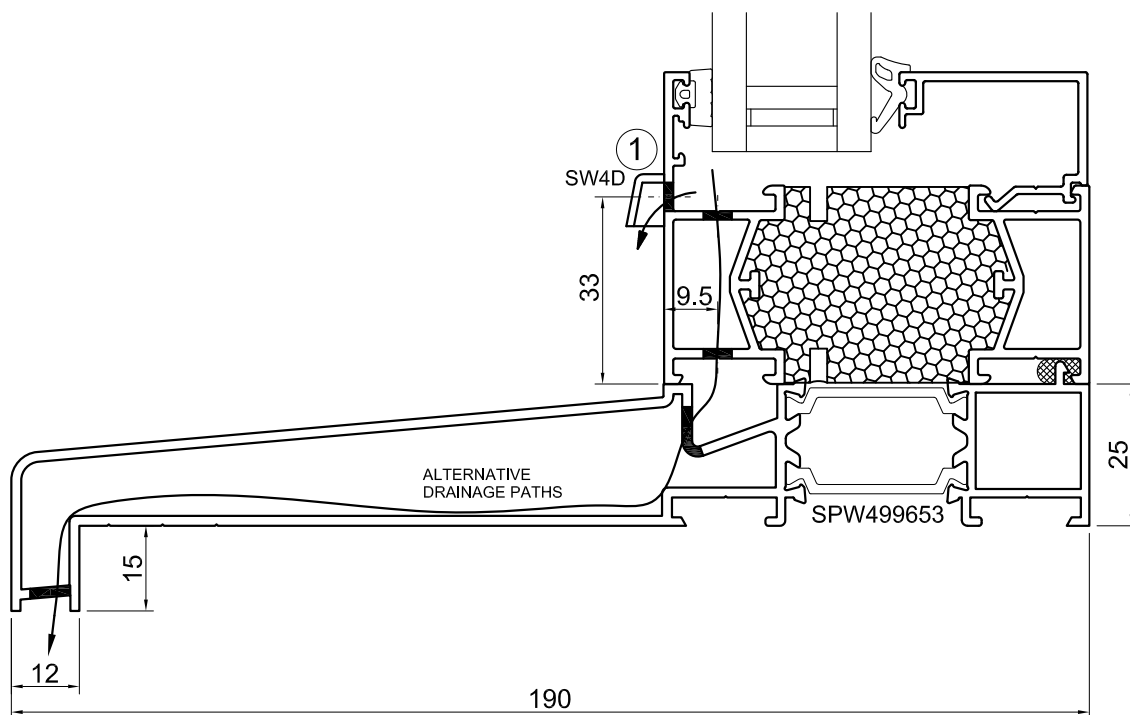
FACE DRAINAGE AT ① CAN
BE DONE ON PUNCH TOOL
PURPT16 - STATION 1.



* NOTE - FLAT VENT DRAINAGE AS ABOVE.

** NOTE - ENSURE GLAZING PACKERS DO NOT
OBSTRUCT DRAINAGE PATHS.

Seal All Metal To Metal Joints With Low Modulus Silicone

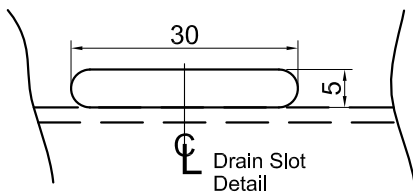


PUR_e Tilt Turn - Open In

PUR_e.D.212

Drainage - Clip-In & Pressed Cills

12.16

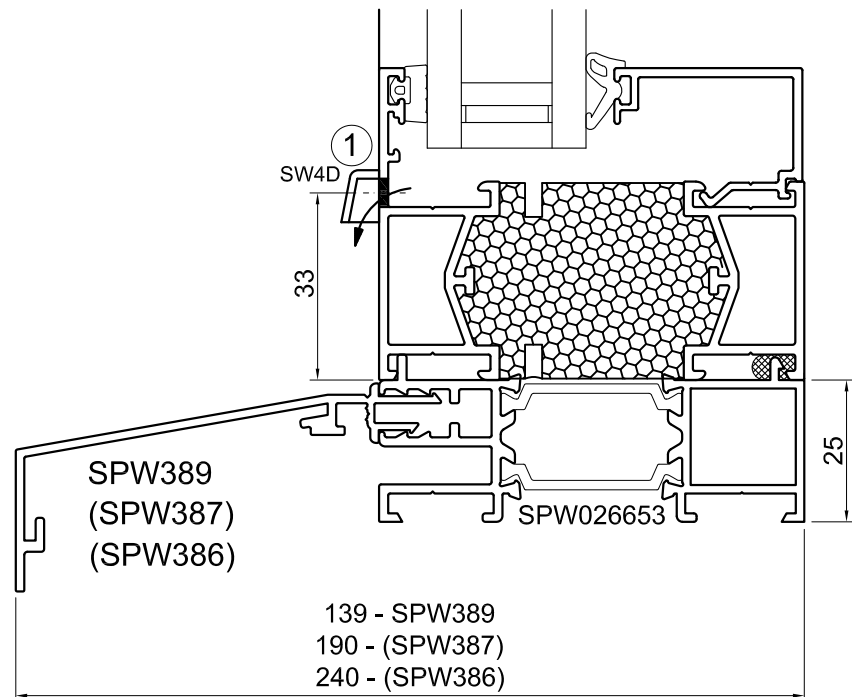


Face Drained:

Machine Drainage Slots 100mm
From Corner Of Glazing
Aperture On The Frame
(Positions B & D) And At
Maximum 600mm Centres.

IMPORTANT

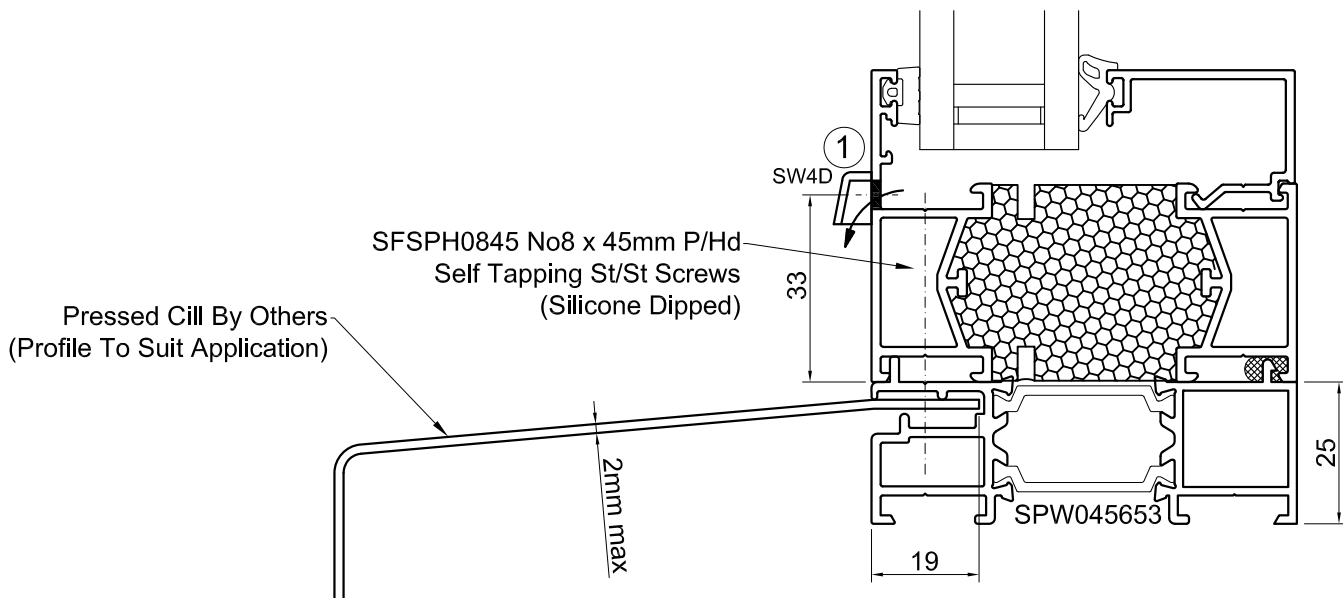
FACE DRAINAGE AT ① CAN
BE DONE ON PUNCH TOOL
PURPT16 - STATION 1.

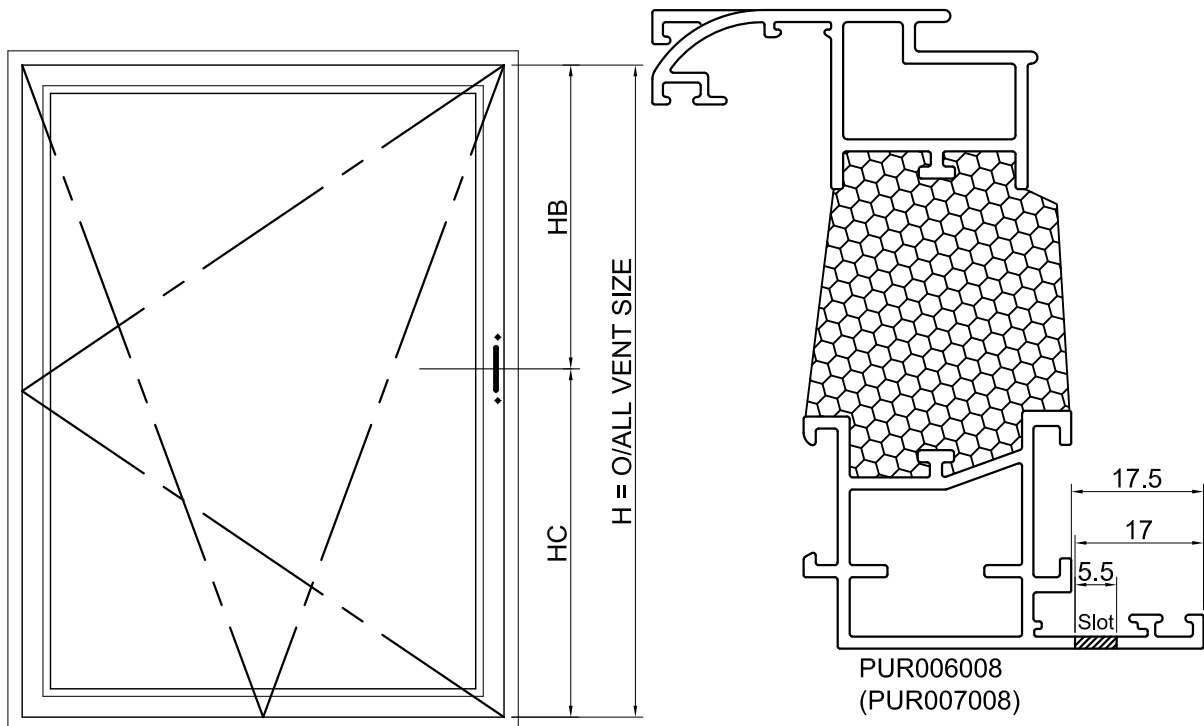


* NOTE - FLAT VENT DRAINAGE AS ABOVE.

** NOTE - ENSURE GLAZING PACKERS DO NOT
OBSTRUCT DRAINAGE PATHS.

Seal All Metal To Metal Joints With Low Modulus Silicone

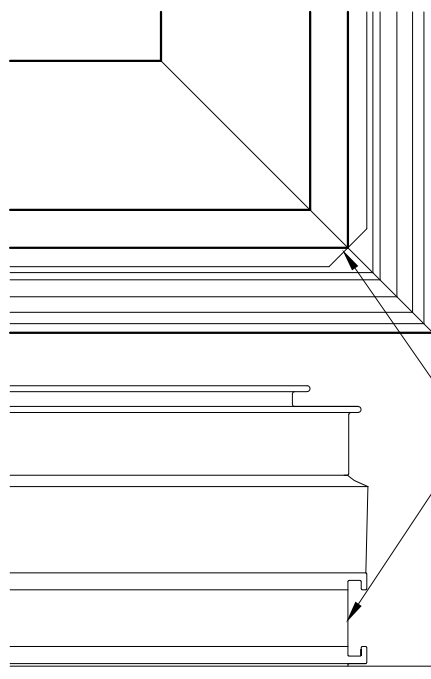




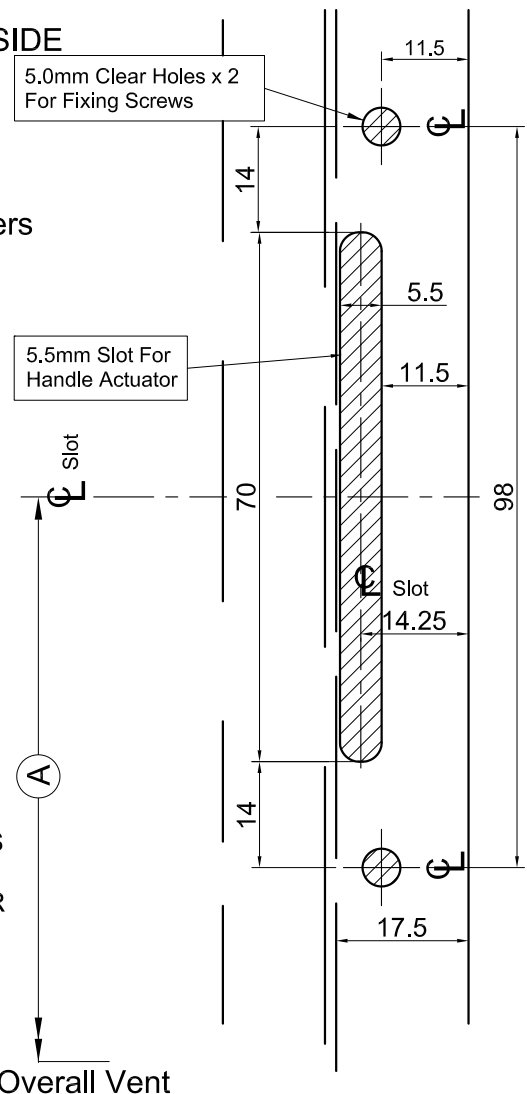
This Window is LEFT HAND HUNG viewed from INSIDE

Refer To CHRONO Solver Print Out For Assembly Of Hardware.

Refer To Manual Section 'C' For Handle Part Numbers And Colour Options (eg. SO3000659SN)



TRIM GROOVE AT MITRES TO CLEAR ACCESS FOR HARDWARE BEFORE OR AFTER CRIMPING.

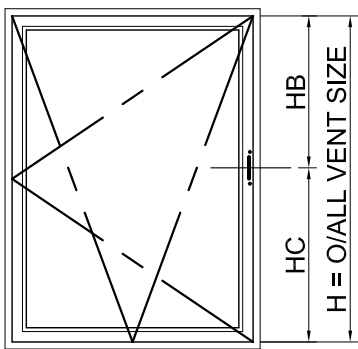
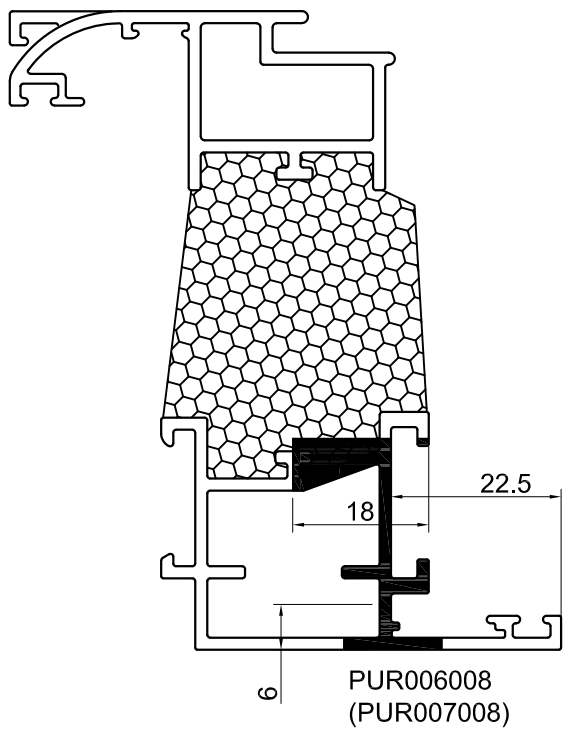
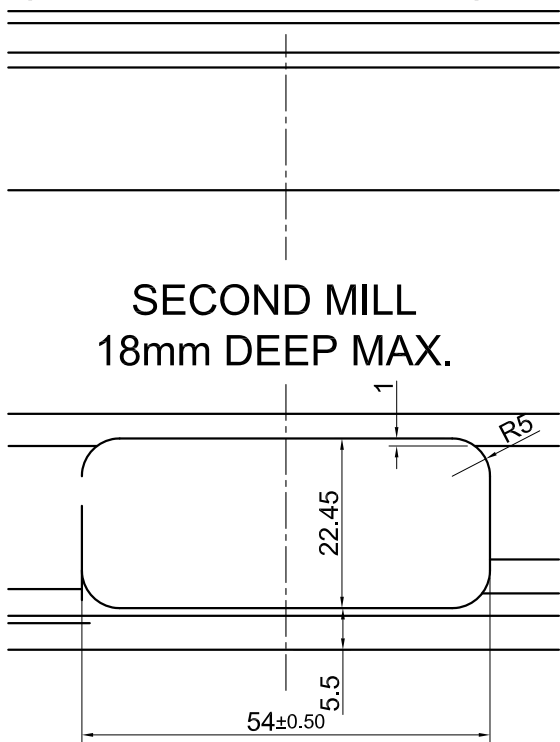


PUR_e Tilt Turn - Open In

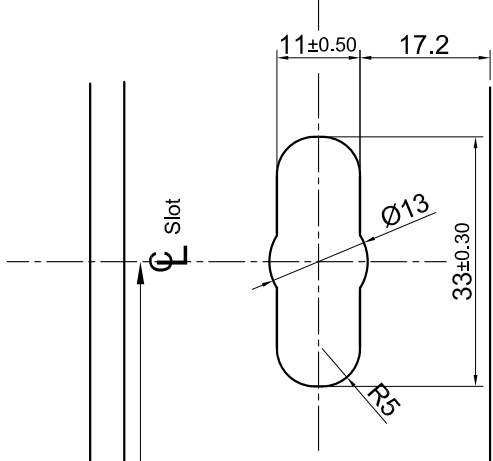
PUR_e.E.202

Vent - Spindle Drive Handle Preparation

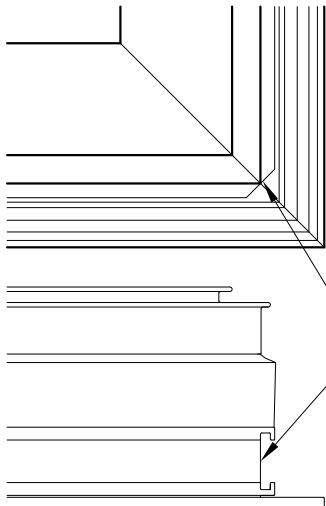
06.18



This Window Is LEFT HAND HUNG
Viewed From INSIDE.
Refer To CHRONO Solver Print Out For
Assembly Of Hardware.
Refer To Manual Section 'C' For Handle
Part Numbers (Spindle Drive Only)



FIRST MILL 6mm
DEEP MAX.



To Overall Vent

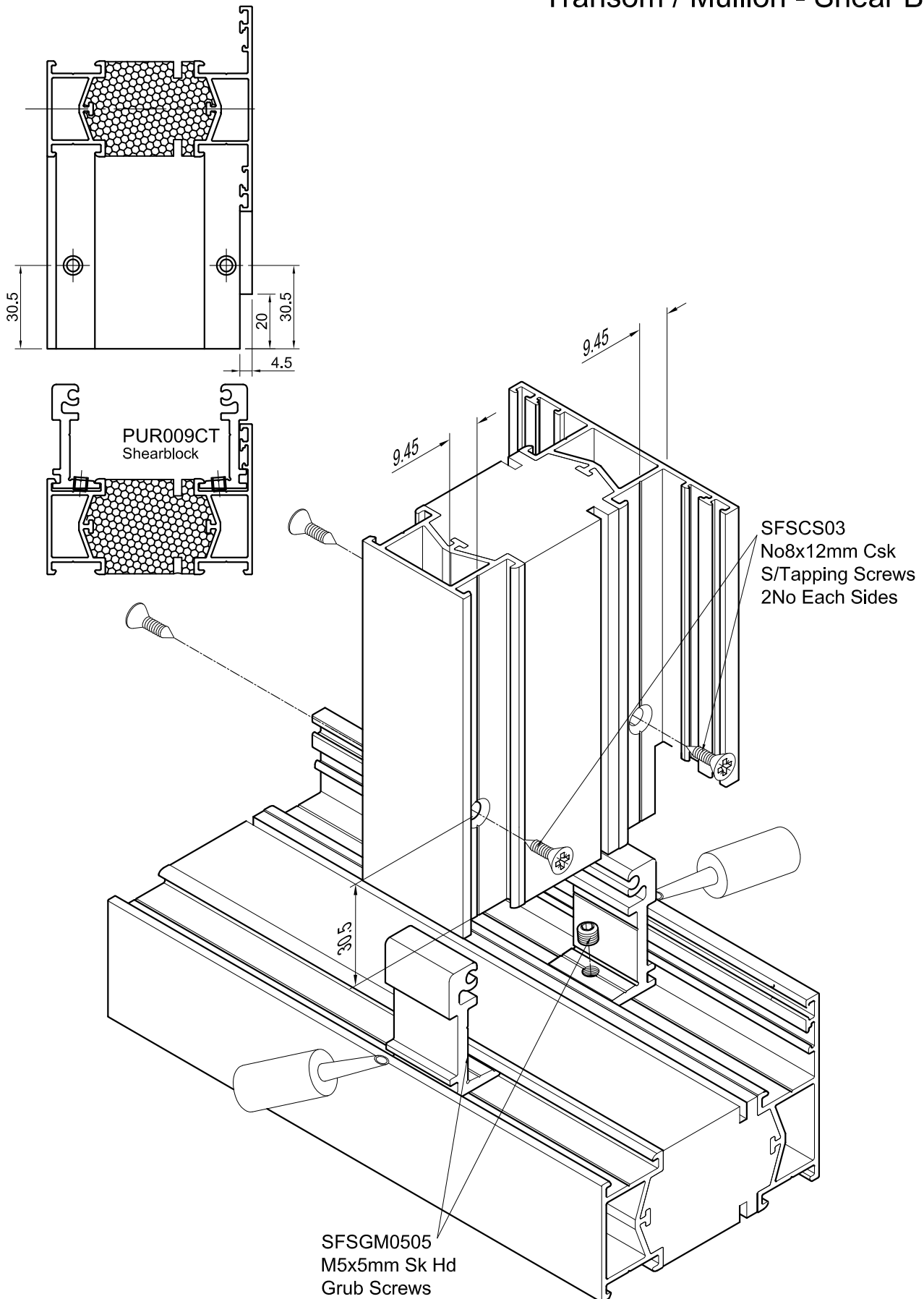
TRIM GROOVE
AT MITRES
TO CLEAR ACCESS
FOR HARDWARE
BEFORE OR AFTER
CRIMPING.

PURe.E.203

06.18

PURe Tilt Turn - Open In

Transom / Mullion - Shear Block



Seal All Metal To Metal Joints With Low Modulus Silicone

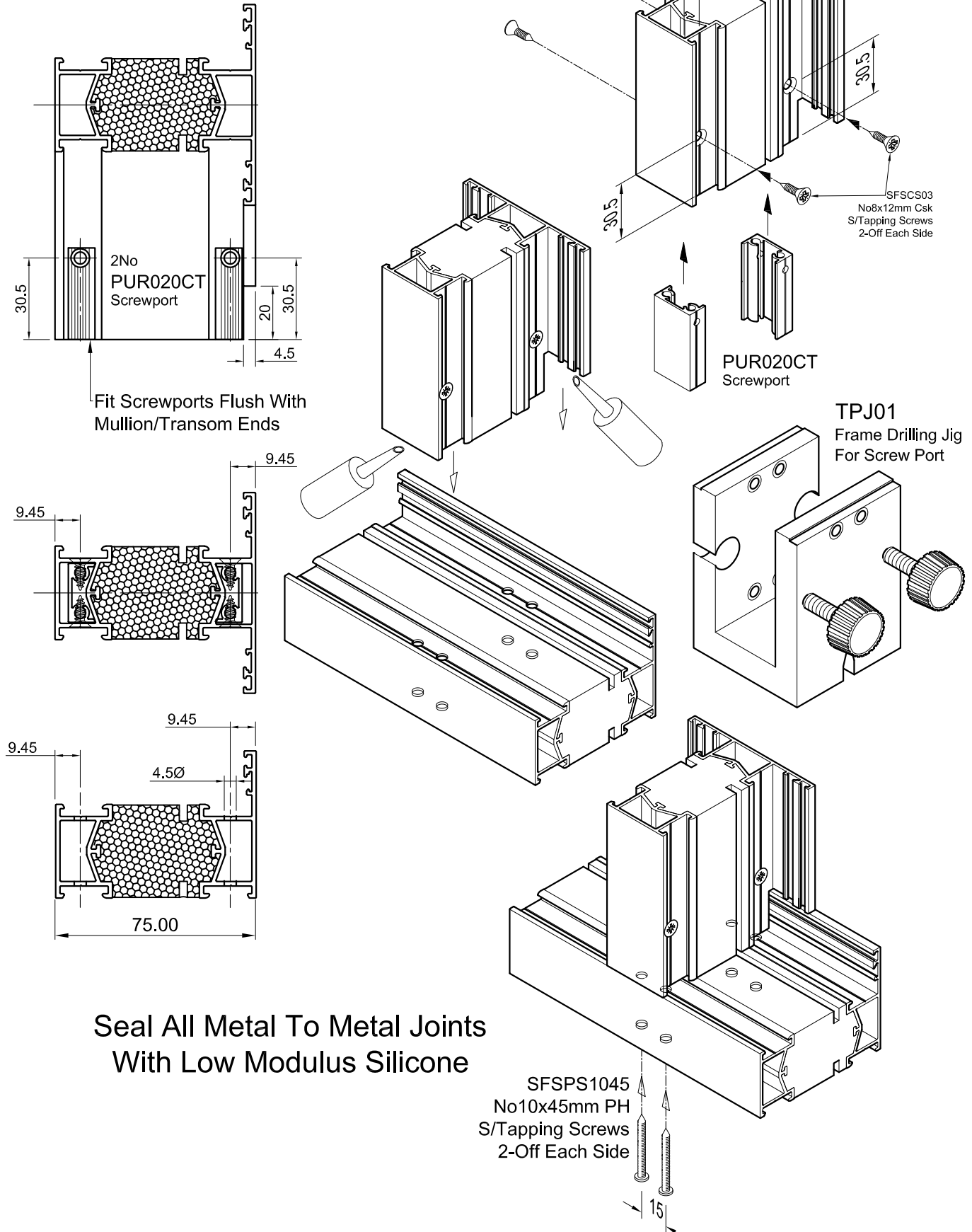
PUR_e Tilt Turn - Open In

PUR_e.E.204

Transom / Mullion - Screwport

06.18

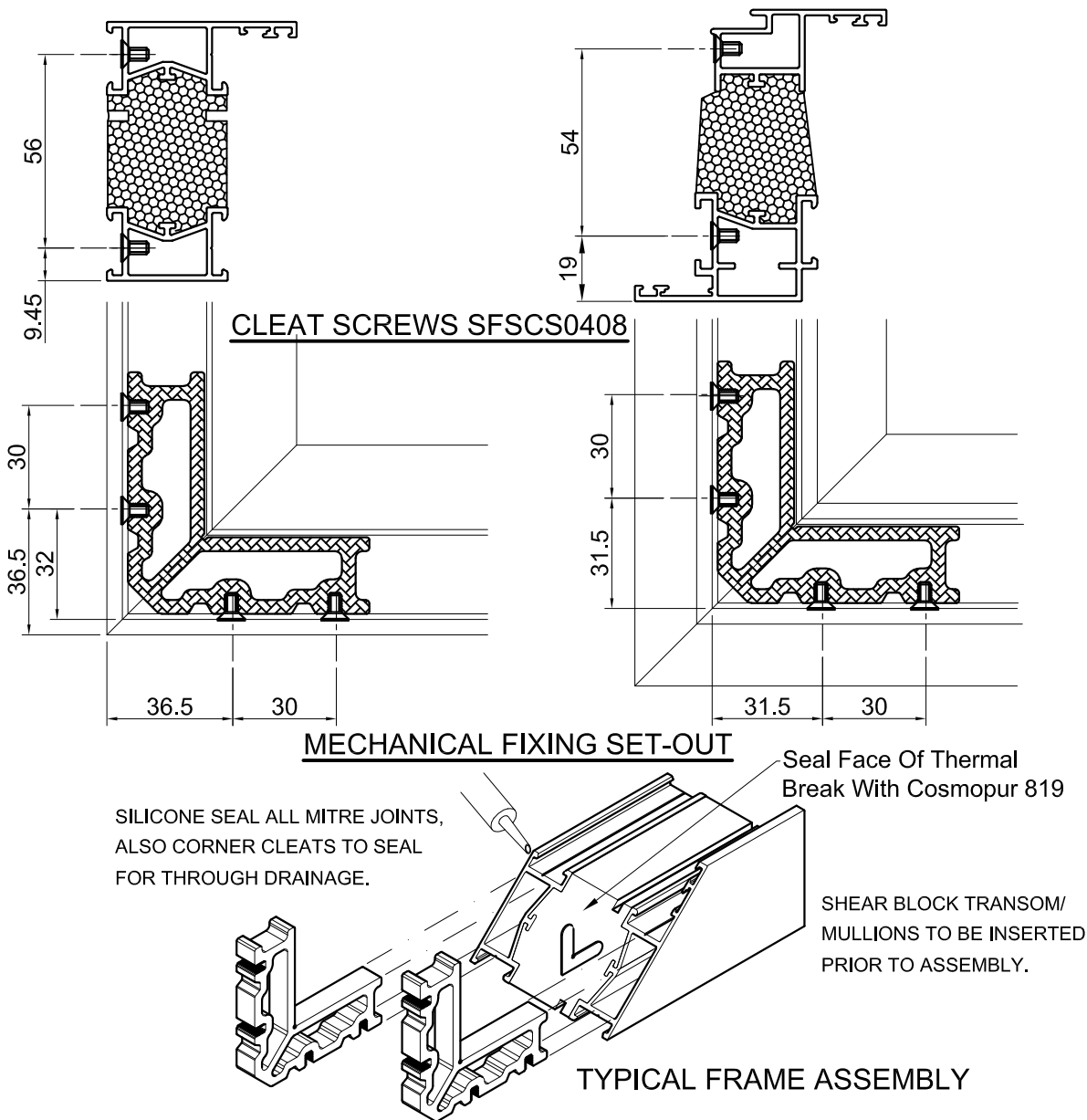
IMPORTANT
HOLES FOR SCREWPORT PUR020CT
CAN BE DONE USING DRILLING JIG
TPJ01



Seal All Metal To Metal Joints
With Low Modulus Silicone

PURe Tilt Turn - Open In

Corner Cleats - Frame & Vents



Note: Glue All Joints And Cleats Prior To Assembly Using Cosmopur 819 (300ml) Aluminium Glue - Part Number 3COS0073

SECTION	INNER CLEAT	OUTER CLEAT	OUTER CHEVRON	INNER CHEVRON
PUR001001G	PUR021CT	PUR021CT	N/A	N/A
PUR002001G	PUR021CT	PUR021CT	SW4CH7	N/A
PUR001001GG	PUR021CT	PUR021CT	N/A	N/A
PUR002001GG	PUR021CT	PUR021CT	SW4CH7	N/A
PUR006008	PUR021CT	PUR021CT	SW4CH7	SW4CH15
PUR007008	PUR021CT	PUR021CT	SW4CH7	SW4CH15

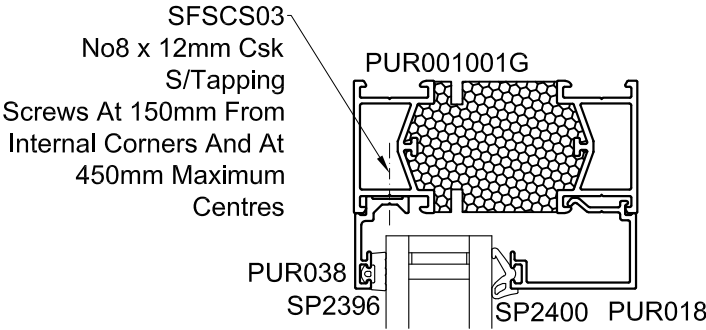
Seal All Metal To Metal Joints With Low Modulus Silicone

PURe Tilt Turn - Open In

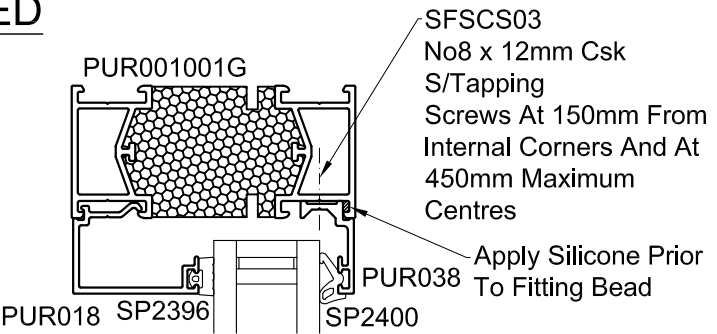
PURe.E.206

06.18

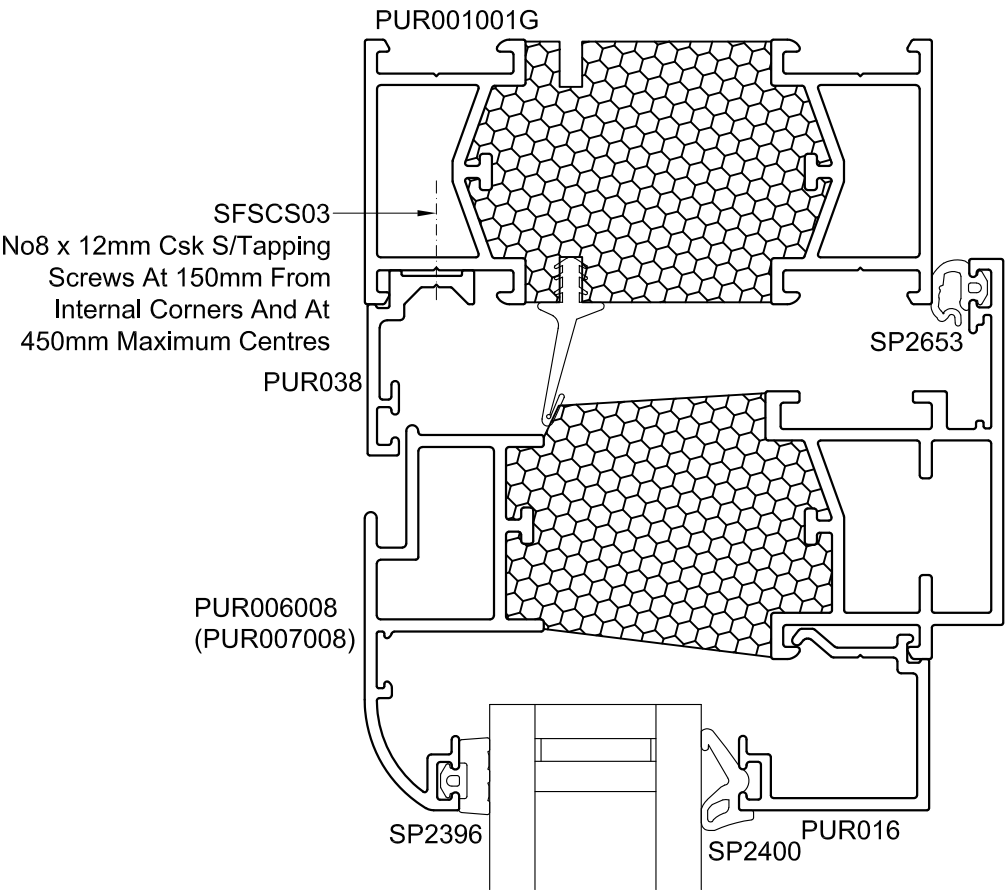
Multi Frame - Screw-On Bead Rebate



INTERNAL GLAZED

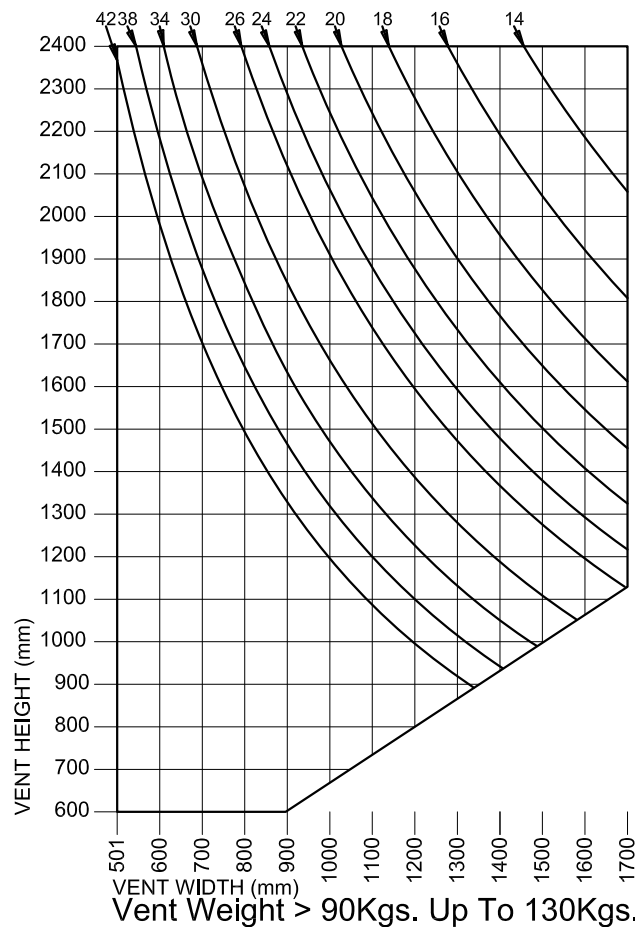
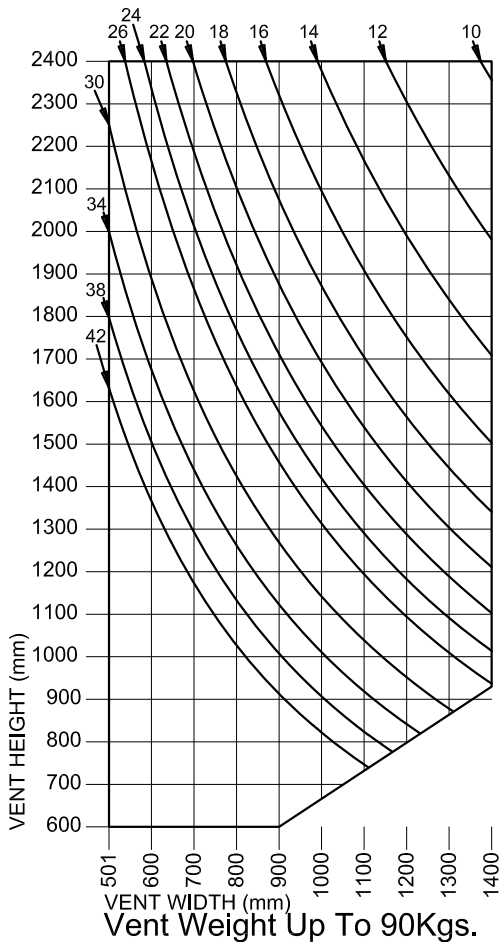


EXTERNAL GLAZED

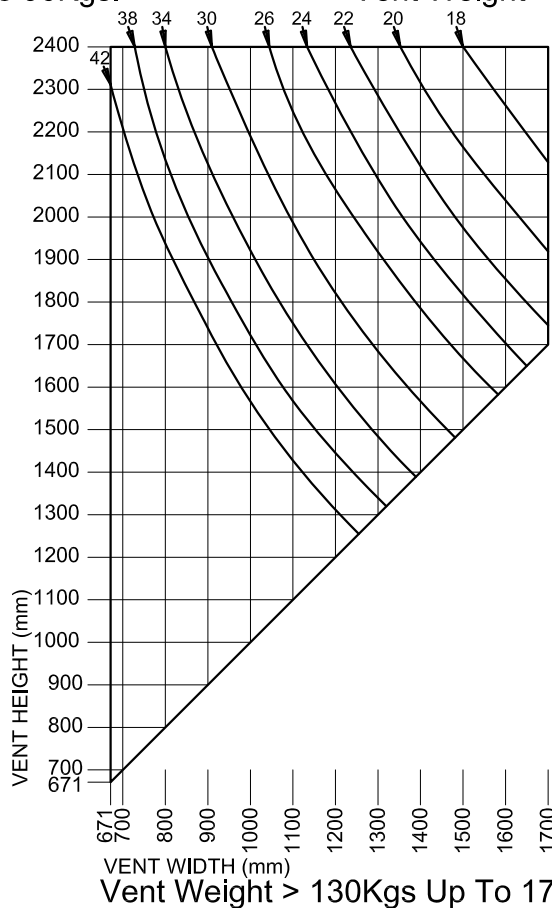


06.18

Limitations - CHRONO & INVISION



Double Glazed Glass Thickness Excluding Cavity		Glass Weight Inclusive Of Edge Seal
mm	eg.	kg/m ²
10	6+4	26.5
12	6+6	31.5
14	8+6	36.5
16	8+8	41.5
18	10+8	46.5
20	10+10	51.5
22	12+10	56.5
24	12+12	61.5



Triple Glazed Glass Thickness Excluding Cavity		Glass Weight Inclusive Of Edge Seal
mm	eg.	kg/m ²
12	4+4+4	33
14	6+4+4	38
16	6+4+6	43
18	6+6+6	48
20	8+6+6	53
22	10+6+6	58
24	12+6+6	63
26	12+6+8	68
28	12+8+8	73

CHRONO ONLY
 VENT WEIGHT = Up To 90Kgs.
 Or Over 90Kgs. Up To 130Kgs.
 VENT WIDTH MUST NOT
 EXCEED 1.5 x VENT HEIGHT.

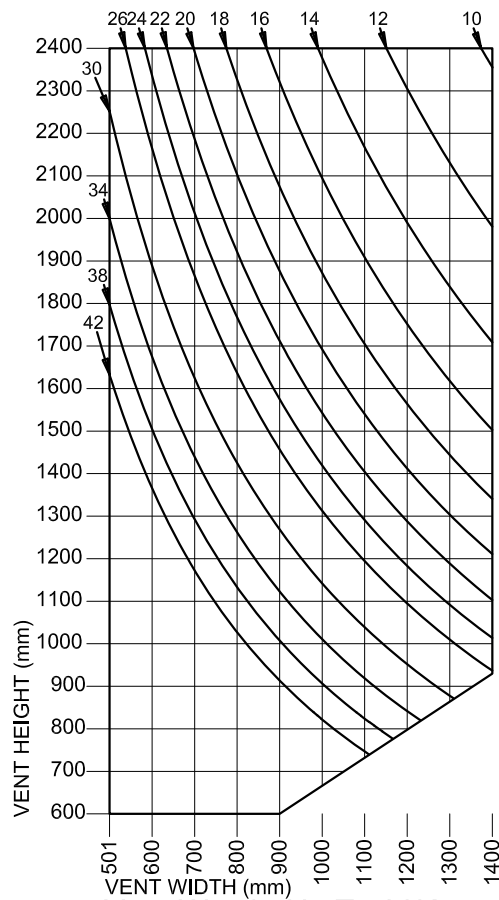
INVISION ONLY
 VENT WEIGHT = Over 130Kgs.
 Up To 170Kgs.
 VENT WIDTH MUST NOT
 EXCEED 1.0 x VENT HEIGHT.

PUR_e Tilt Turn - Open In

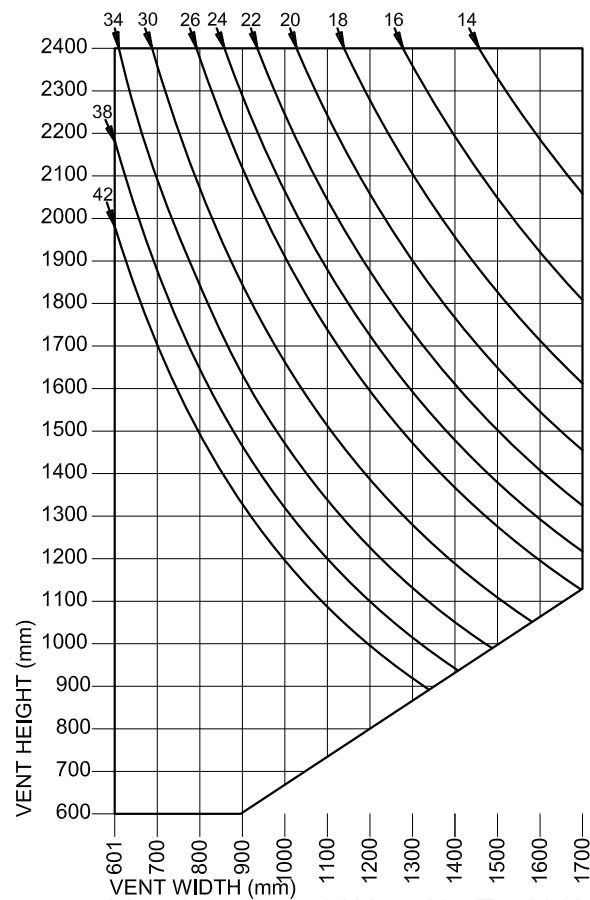
PUR_e.E.208

Limitations - CHRONO & INVISION SECURITY

06.18

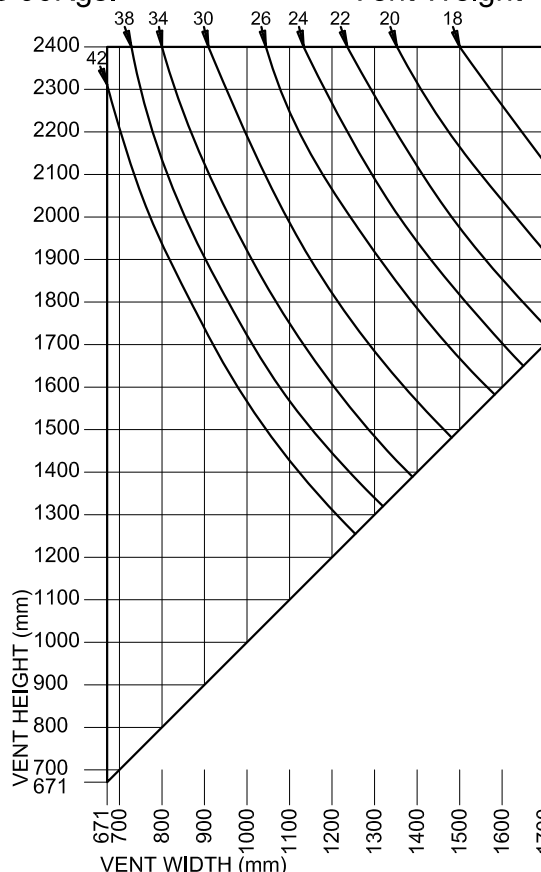


Vent Weight Up To 90Kgs.



Vent Weight > 90Kgs. Up To 130Kgs.

Double Glazed Glass Thickness Excluding Cavity		Glass Weight Inclusive Of Edge Seal
mm	eg.	kg/m ²
10	6+4	26.5
12	6+6	31.5
14	8+6	36.5
16	8+8	41.5
18	10+8	46.5
20	10+10	51.5
22	12+10	56.5
24	12+12	61.5



Vent Weight > 130Kgs. Up To 170Kgs INVISION Only.

Triple Glazed Glass Thickness Excluding Cavity		Glass Weight Inclusive Of Edge Seal
mm	eg.	kg/m ²
12	4+4+4	33
14	6+4+4	38
16	6+4+6	43
18	6+6+6	48
20	8+6+6	53
22	10+6+6	58
24	12+6+6	63
26	12+6+8	68
28	12+8+8	73

CHRONO ONLY

VENT WEIGHT = Up To 90Kgs.

Or Over 90Kgs. Up To 130Kgs.

VENT WIDTH MUST NOT

EXCEED 1.5 x VENT HEIGHT.

INVISION ONLY

VENT WEIGHT = Over 130Kgs.

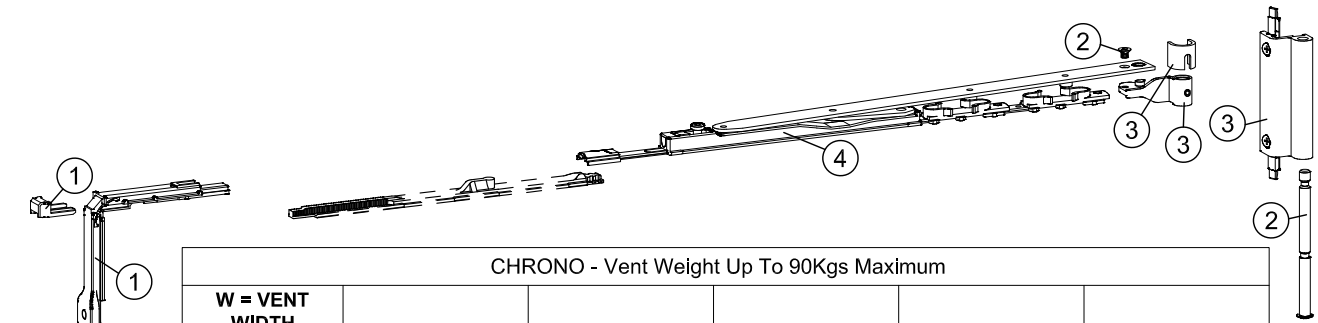
Up To 170Kgs.

VENT WIDTH MUST NOT

EXCEED 1.0 x VENT HEIGHT.

PURe Tilt Turn - Open In

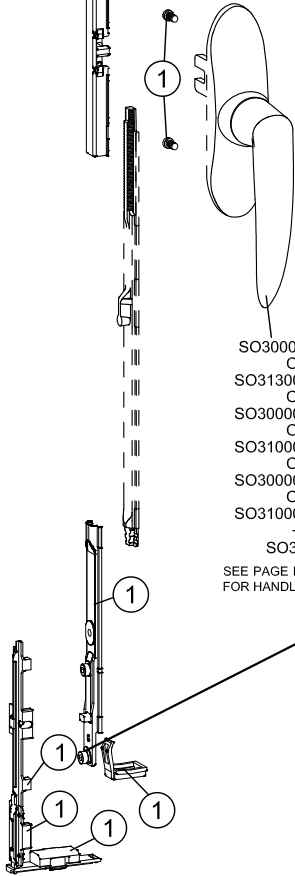
CHRONO - Tilt Turn Gearing Up To 90Kgs Max.



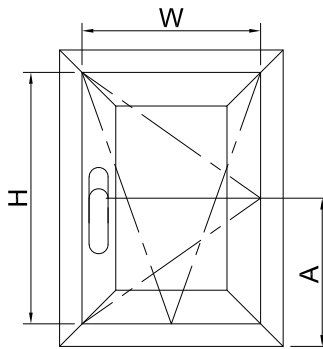
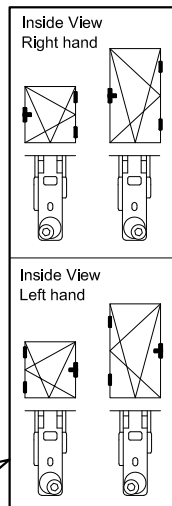
CHRONO - Vent Weight Up To 90Kgs Maximum					
W = VENT WIDTH H = VENT HEIGHT	W = 501 - 670	W = 671 - 1200	W = 1201 - 1300	W = 1301 - 1400	W = 1401 - 1700
H = 600 - 1200	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36001550	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36002550	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36002550 5) SO3014030	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36003550 5) SO3014030	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36003550 5) SO3014030 6) SO35140790
H = 1201 - 1800	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36001550 5) SO3014030	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36002550 5) SO3014030	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36002550 5) 2 x SO3014030	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36003550 5) 2 x SO3014030	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36003550 5) 2 x SO3014030 6) SO35140790
H = 1801 - 2400	OUT OF LIMITS	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36002550 5) SO3014030 7) 2 x SO30140800	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36002550 5) 2 x SO3014030 7) 2 x SO30140800	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36003550 5) 2 x SO3014030 7) 2 x SO30140800	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36003550 5) 2 x SO3014030 6) SO35140790 7) 2 x SO30140800

ITEMS 1 REFER TO BASE SET SO36110

SO3514010550 THIS ITEM WILL BE SHOWN ON CHRONO SOLVER PRINT-OUTS AS 35140-10. PARTS ARE SILVER FINISH.



SO3000659S....
Or
SO31300659S....
Or
SO3000674S....
Or
SO31000673S....
Or
SO3000671S....
Or
SO31000670S....
+
SO3546
SEE PAGE PURe.C.204
FOR HANDLE DETAILS



DENOTES RIGHT HAND WINDOW VIEWED FROM THE INSIDE

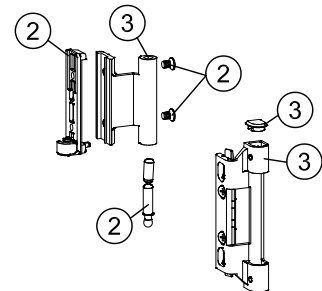
VENT WIDTH MUST NOT EXCEED 1.5 x VENT HEIGHT.

HANDLE HEIGHT: A = MIN H/3, MAX 2H/3.

SO36110

Base Set:

QTY	Supplier Code	Description
1	30000-500	corner transmission
1	30000-530	clips
2	30000-690	handle screw
1	30000-700	connection piece
1	30140-800	add ctr locking set
1	31000-600	vent run on rest
1	31000-620	bolt
1	31110-610	frame run on wedge
1	31140-810	tilt wedge
1	31140-820	bolt wedge

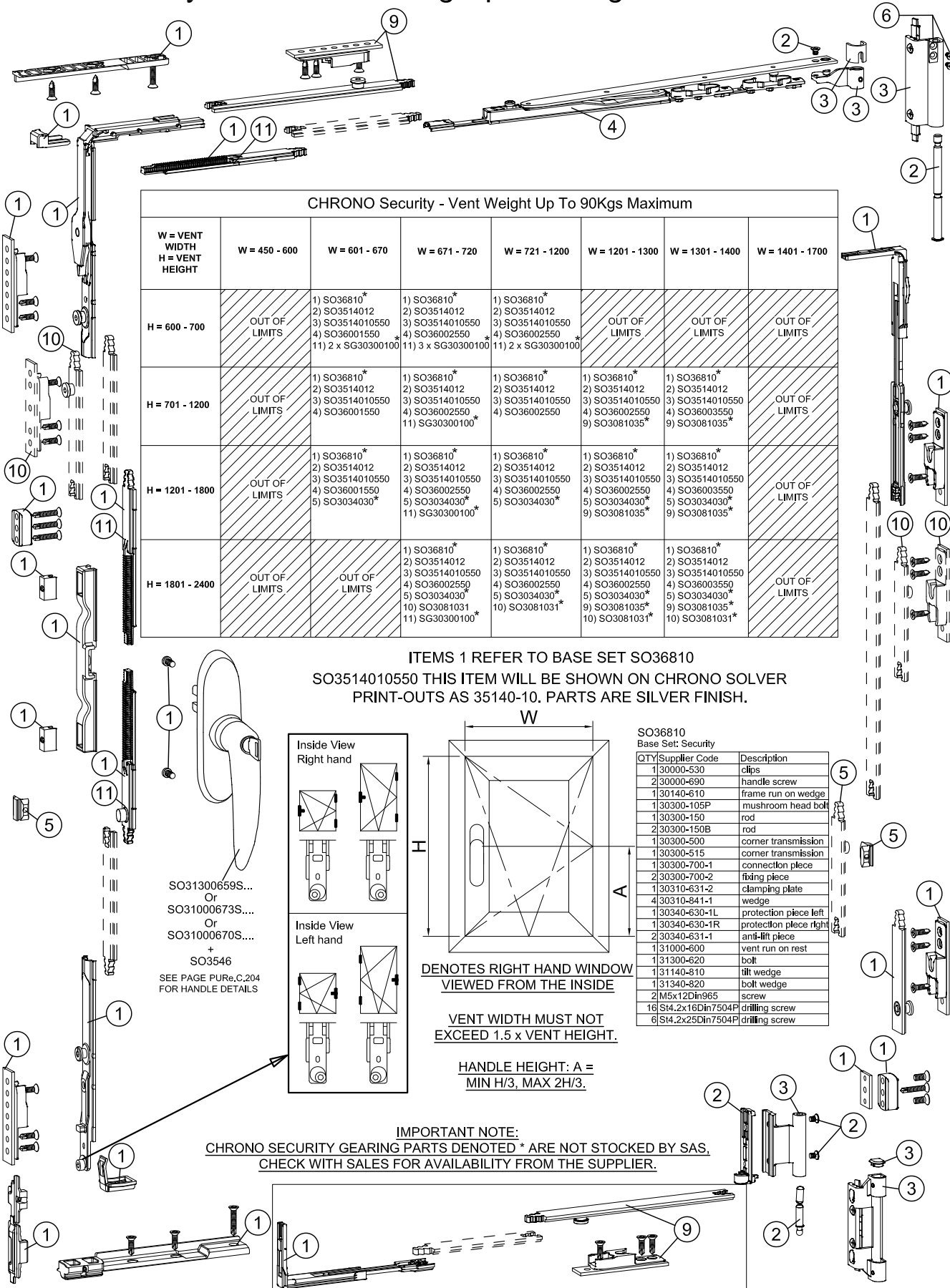


PUR_e Tilt Turn - Open In

PUR_e.E.210

CHRONO Security - Tilt Turn Gearing Up To 90Kgs Max.

06.18



CHRONO Security - Vent Weight Up To 90Kgs Maximum

W = VENT WIDTH H = VENT HEIGHT	W = 450 - 600	W = 601 - 670	W = 671 - 720	W = 721 - 1200	W = 1201 - 1300	W = 1301 - 1400	W = 1401 - 1700
H = 600 - 700	OUT OF LIMITS	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36001550 11) 2 x SG30300100	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36002550 11) 3 x SG30300100	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36002550 11) 2 x SG30300100	OUT OF LIMITS	OUT OF LIMITS	OUT OF LIMITS
H = 701 - 1200	OUT OF LIMITS	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36001550	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36002550 11) SG30300100	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36002550	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36002550 9) SO3081035*	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36003550 9) SO3081035*	OUT OF LIMITS
H = 1201 - 1800	OUT OF LIMITS	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36001550 5) SO3034030*	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36002550 5) SO3034030* 11) SG30300100	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36002550 5) SO3034030*	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36002550 5) SO3034030* 9) SO3081035*	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36003550 5) SO3034030* 9) SO3081035*	OUT OF LIMITS
H = 1801 - 2400	OUT OF LIMITS	OUT OF LIMITS	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36002550 5) SO3034030* 10) SO3081031* 11) SG30300100	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36002550 5) SO3034030* 10) SO3081031*	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36002550 5) SO3034030* 9) SO3081035* 10) SO3081031*	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36003550 5) SO3034030* 9) SO3081035* 10) SO3081031*	OUT OF LIMITS

ITEMS 1 REFER TO BASE SET SO36810
SO3514010550 THIS ITEM WILL BE SHOWN ON CHRONO SOLVER
PRINT-OUTS AS 35140-10. PARTS ARE SILVER FINISH.

SO31300659S...
Or
SO31000673S...
Or
SO31000670S...
+
SO3546
SEE PAGE PUR_e.C.204
FOR HANDLE DETAILS

Inside View Right hand

Inside View Left hand

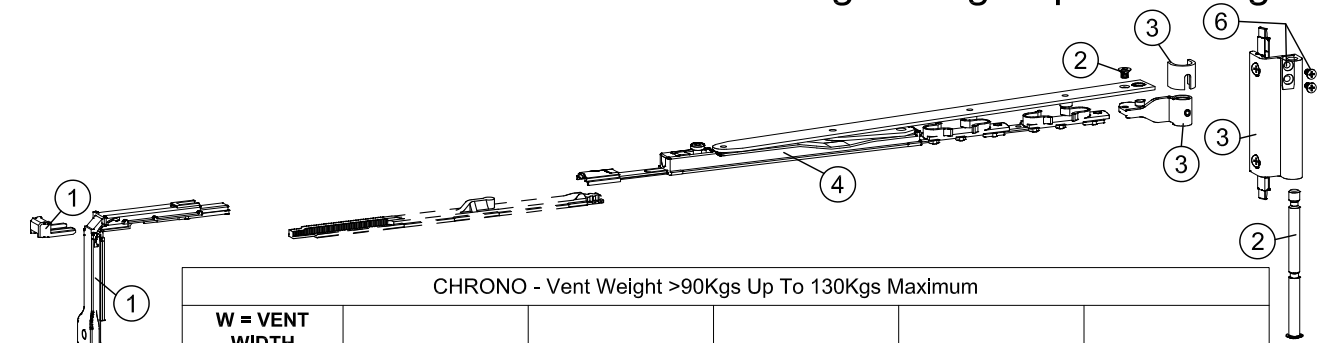
VENT WIDTH MUST NOT EXCEED 1.5 x VENT HEIGHT.

HANDLE HEIGHT: A = MIN H/3, MAX 2H/3.

IMPORTANT NOTE:
CHRONO SECURITY GEARING PARTS DENOTED * ARE NOT STOCKED BY SAS.
CHECK WITH SALES FOR AVAILABILITY FROM THE SUPPLIER.

SO36810
Base Set: Security

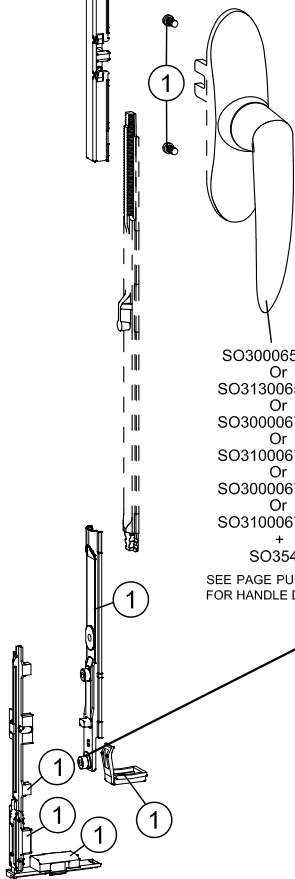
QTY	Supplier Code	Description
1	30000-530	clips
2	30000-690	handle screw
1	30140-610	frame run on wedge
1	30300-105P	mushroom head bolt
1	30300-150	rod
2	30300-150B	rod
1	30300-500	corner transmission
1	30300-515	corner transmission
1	30300-700-1	connection piece
2	30300-700-2	fixing piece
1	30310-631-2	clamping plate
4	30310-841-1	wedge
1	30340-630-1L	protection piece left
1	30340-630-1R	protection piece right
2	30340-631-1	anti-lift piece
1	31000-600	vent run on rest
1	31300-620	bolt
1	31140-810	tilt wedge
1	31340-820	bolt wedge
2	M5x12Din965	screw
16	S14.2x16Din7504P	drilling screw
6	S14.2x25Din7504P	drilling screw



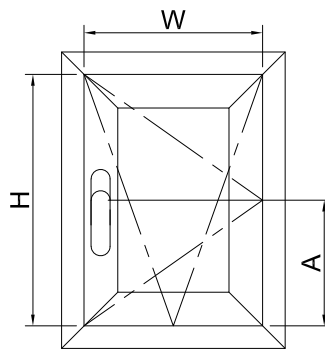
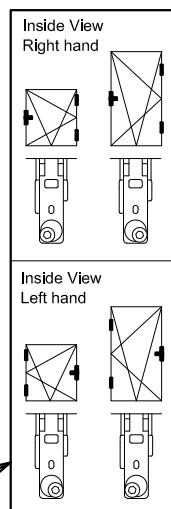
CHRONO - Vent Weight >90Kgs Up To 130Kgs Maximum					
W = VENT WIDTH H = VENT HEIGHT	W = 501 - 670	W = 671 - 1200	W = 1201 - 1300	W = 1301 - 1400	W = 1401 - 1700
H = 600 - 1200	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36001550 6) SO35140790	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36002550 6) SO35140790	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36002550 5) SO3014030 6) SO35140790	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36003550 5) SO3014030 6) SO35140790	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36003550 5) SO3014030 6) SO35140790
H = 1201 - 1800	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36001550 5) SO3014030 6) SO35140790	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36002550 5) SO3014030 6) SO35140790	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36002550 5) 2 x SO3014030 6) SO35140790	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36003550 5) 2 x SO3014030 6) SO35140790	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36003550 5) 2 x SO3014030 6) SO35140790
H = 1801 - 2400	OUT OF LIMITS	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36002550 5) SO3014030 6) SO35140790 7) 2 x SO30140800	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36002550 5) 2 x SO3014030 6) SO35140790 7) 2 x SO30140800	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36003550 5) 2 x SO3014030 6) SO35140790 7) 2 x SO30140800	1) SO36110 2) SO3514012 3) SO3514010550 4) SO36003550 5) 2 x SO3014030 6) SO35140790 7) 2 x SO30140800

ITEMS 1 REFER TO BASE SET SO36110

SO3514010550 THIS ITEM WILL BE SHOWN ON CHRONO SOLVER PRINT-OUTS AS 35140-10. PARTS ARE SILVER FINISH.



SO3000659S....
Or
SO31300659S....
Or
SO3000674S....
Or
SO3100673S....
Or
SO3000671S....
Or
SO3100670S....
+
SO3546
SEE PAGE PURe.C.204
FOR HANDLE DETAILS



DENOTES RIGHT HAND WINDOW
VIEWED FROM THE INSIDE

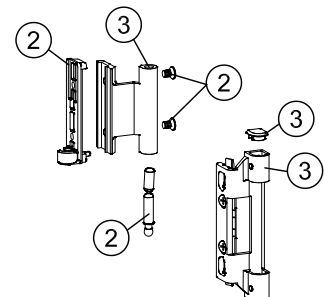
VENT WIDTH MUST NOT
EXCEED 1.5 x VENT HEIGHT.

HANDLE HEIGHT: A =
MIN H/3, MAX 2H/3.

SO36110

Base Set:

QTY	Supplier Code	Description
1	30000-500	corner transmission
1	30000-530	clips
2	30000-690	handle screw
1	30000-700	connection piece
1	30140-800	add ctr locking set
1	31000-600	vent run on rest
1	31000-620	bolt
1	31110-610	frame run on wedge
1	31140-810	tilt wedge
1	31140-820	bolt wedge

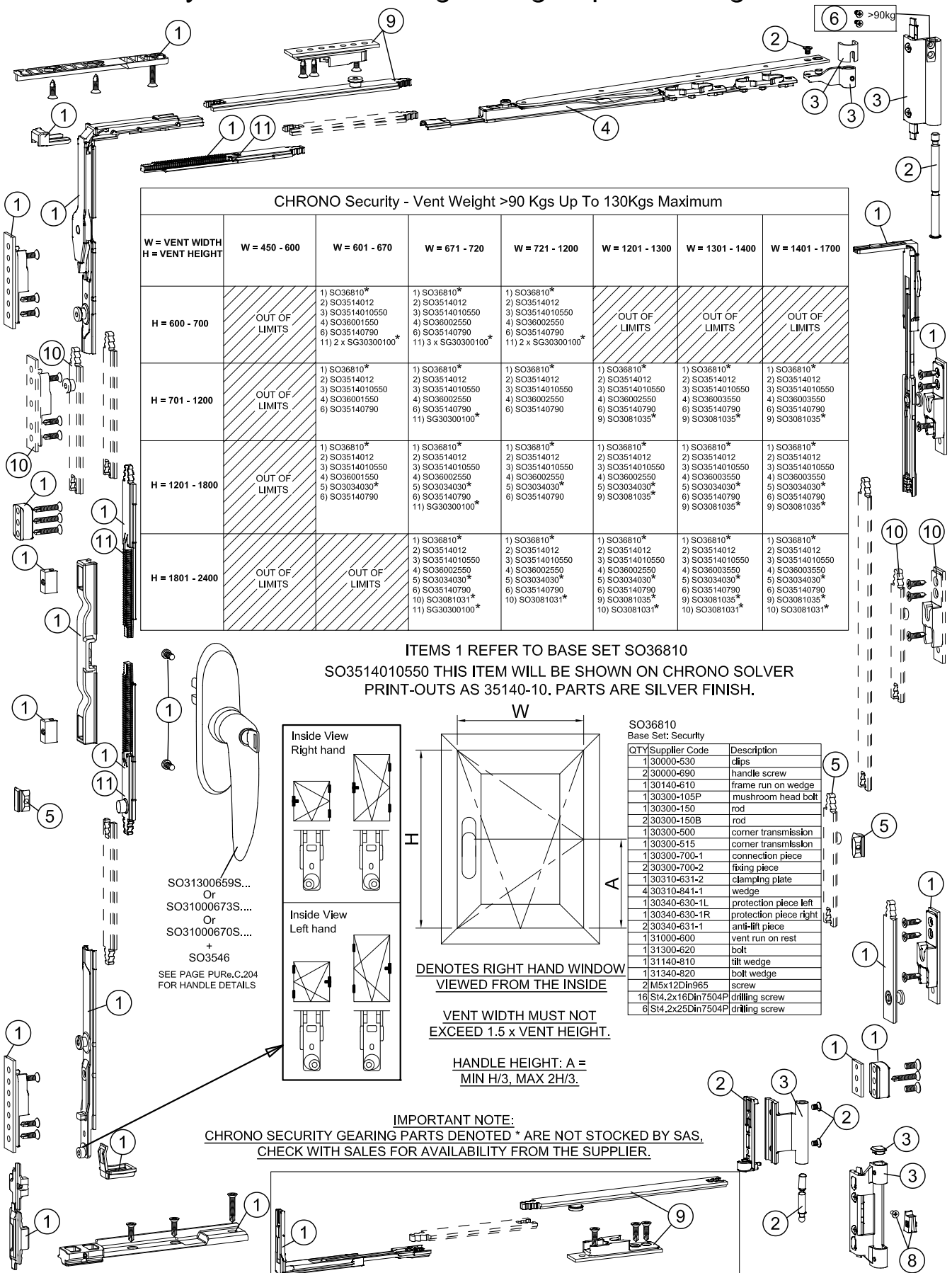


PUR_e Tilt Turn - Open In

PUR_e.E.212

CHRONO Security - Tilt Turn Gearing >90Kgs Up To 130Kgs Max.

06.18

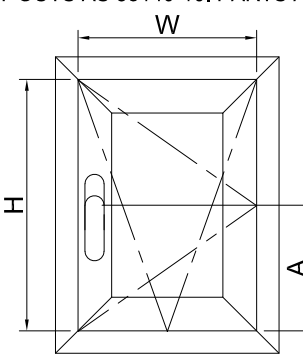


CHRONO Security - Vent Weight >90 Kgs Up To 130Kgs Maximum

W = VENT WIDTH H = VENT HEIGHT	W = 450 - 600	W = 601 - 670	W = 671 - 720	W = 721 - 1200	W = 1201 - 1300	W = 1301 - 1400	W = 1401 - 1700
H = 600 - 700	OUT OF LIMITS	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36001550 6) SO35140790 11) 2 x SG30300100*	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36002550 6) SO35140790 11) 3 x SG30300100*	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36002550 6) SO35140790 11) 2 x SG30300100*	OUT OF LIMITS	OUT OF LIMITS	OUT OF LIMITS
H = 701 - 1200	OUT OF LIMITS	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36001550 6) SO35140790	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36002550 6) SO35140790 11) SG30300100*	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36002550 6) SO35140790	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36002550 6) SO35140790 9) SO3081035*	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36003550 6) SO35140790 9) SO3081035*	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36003550 6) SO35140790 9) SO3081035*
H = 1201 - 1800	OUT OF LIMITS	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36001550 5) SO3034030* 6) SO35140790	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36002550 5) SO3034030* 6) SO35140790 11) SG30300100*	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36002550 5) SO3034030* 6) SO35140790	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36002550 5) SO3034030* 6) SO35140790 9) SO3081035*	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36003550 5) SO3034030* 6) SO35140790 9) SO3081035*	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36003550 5) SO3034030* 6) SO35140790 9) SO3081035*
H = 1801 - 2400	OUT OF LIMITS	OUT OF LIMITS	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36002550 5) SO3034030* 6) SO35140790 10) SO3081031* 11) SG30300100*	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36002550 5) SO3034030* 6) SO35140790 10) SO3081031*	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36002550 5) SO3034030* 6) SO35140790 10) SO3081031*	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36003550 5) SO3034030* 6) SO35140790 10) SO3081031*	1) SO36810* 2) SO3514012 3) SO3514010550 4) SO36003550 5) SO3034030* 6) SO35140790 10) SO3081031*

ITEMS 1 REFER TO BASE SET SO36810
SO3514010550 THIS ITEM WILL BE SHOWN ON CHRONO SOLVER
PRINT-OUTS AS 35140-10. PARTS ARE SILVER FINISH.

SO31300659S...
Or
SO31000673S...
Or
SO31000670S...
+
SO3546
SEE PAGE PUR_e.C.204
FOR HANDLE DETAILS



W
H
A

INSIDE VIEW
Right hand
Left hand

SO36810
Base Set: Security

QTY	Supplier Code	Description
1	30000-530	clips
2	30000-690	handle screw
1	30140-610	frame run on wedge
1	30300-105P	mushroom head bolt
1	30300-150	rod
2	30300-150B	rod
1	30300-500	corner transmission
1	30300-515	corner transmission
1	30300-700-1	connection piece
2	30300-700-2	fixing piece
1	30310-631-2	clamping plate
4	30310-841-1	wedge
1	30340-630-1L	protection piece left
1	30340-630-1R	protection piece right
2	30340-631-1	anti-lift piece
1	31000-600	vent run on rest
1	31300-620	bolt
1	31140-810	tilt wedge
1	31340-820	bolt wedge
2	M5x12Din965	screw
16	Si4.2x16Din7504P	drilling screw
6	Si4.2x25Din7504P	drilling screw

VENT WIDTH MUST NOT EXCEED 1.5 x VENT HEIGHT.

HANDLE HEIGHT: A = MIN H/3, MAX 2H/3.

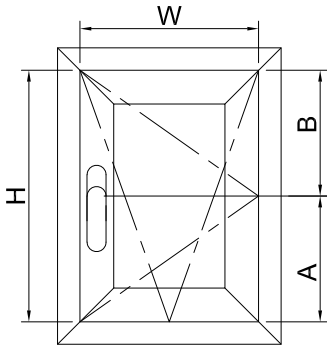
IMPORTANT NOTE:
CHRONO SECURITY GEARING PARTS DENOTED * ARE NOT STOCKED BY SAS.
CHECK WITH SALES FOR AVAILABILITY FROM THE SUPPLIER.

PURe.E.213

06.18

PURe Tilt Turn - Open In

CHRONO - Tilt Turn Rods Up To 130Kgs Max.

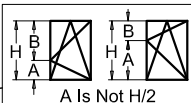
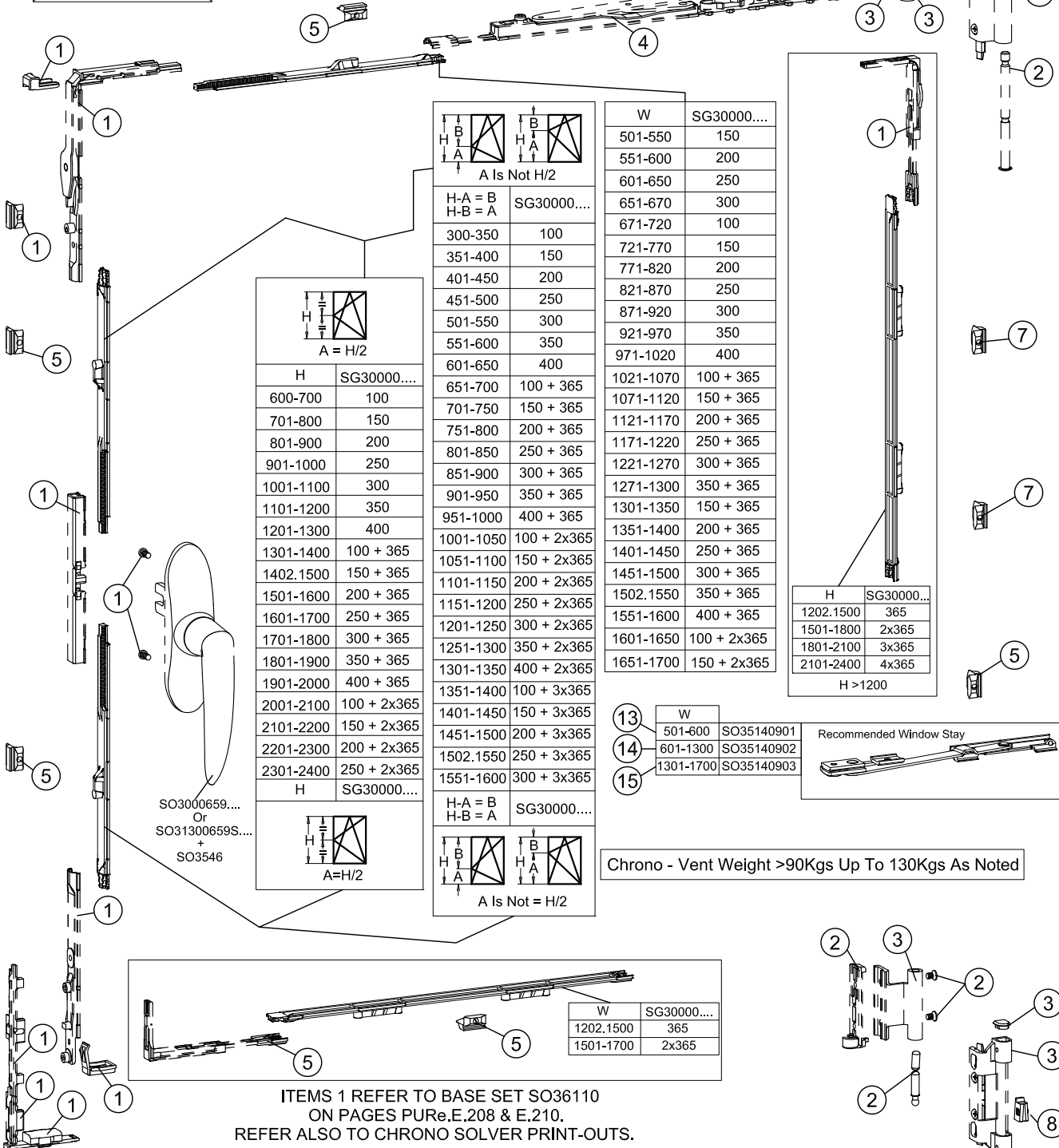
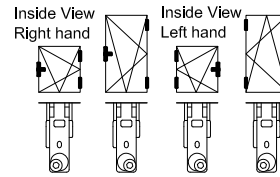


IF W = < 670mm
MAX VENT WEIGHT = 130Kgs.
VENT WIDTH MUST NOT
EXCEED 1.5 x VENT HEIGHT.

IF W = > 670mm
MAX VENT WEIGHT = 130Kgs.
VENT WIDTH MUST NOT
EXCEED 1.0 x VENT HEIGHT.

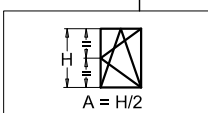
HANDLE HEIGHT A =
MIN H/3, MAX 2H/3.

ADJUSTMENT RANGE OF
EACH ROD = 50mm.

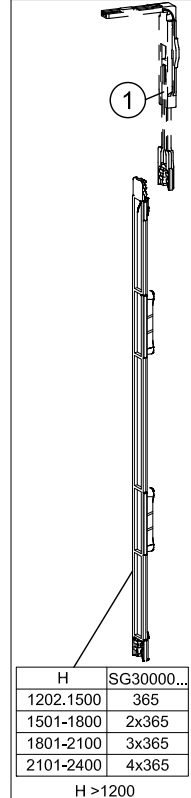


H-A = B H-B = A	SG30000....
300-350	100
351-400	150
401-450	200
451-500	250
501-550	300
551-600	350
601-650	400
651-700	100 + 365
701-750	150 + 365
751-800	200 + 365
801-850	250 + 365
851-900	300 + 365
901-950	350 + 365
951-1000	400 + 365
1001-1050	100 + 2x365
1051-1100	150 + 2x365
1101-1150	200 + 2x365
1151-1200	250 + 2x365
1201-1250	300 + 2x365
1251-1300	350 + 2x365
1301-1350	400 + 2x365
1351-1400	100 + 3x365
1401-1450	150 + 3x365
1451-1500	200 + 3x365
1501-1550	250 + 3x365
1551-1600	300 + 3x365

W	SG30000....
501-550	150
551-600	200
601-650	250
651-670	300
671-720	100
721-770	150
771-820	200
821-870	250
871-920	300
921-970	350
971-1020	400
1021-1070	100 + 365
1071-1120	150 + 365
1121-1170	200 + 365
1171-1220	250 + 365
1221-1270	300 + 365
1271-1300	350 + 365
1301-1350	150 + 365
1351-1400	200 + 365
1401-1450	250 + 365
1451-1500	300 + 365
1501-1550	350 + 365
1551-1600	400 + 365
1601-1650	100 + 2x365
1651-1700	150 + 2x365

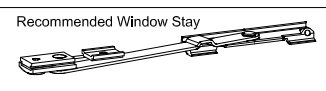


H	SG30000....
600-700	100
701-800	150
801-900	200
901-1000	250
1001-1100	300
1101-1200	350
1201-1300	400
1301-1400	100 + 365
1402.1500	150 + 365
1501-1600	200 + 365
1601-1700	250 + 365
1701-1800	300 + 365
1801-1900	350 + 365
1901-2000	400 + 365
2001-2100	100 + 2x365
2101-2200	150 + 2x365
2201-2300	200 + 2x365
2301-2400	250 + 2x365



H	SG30000....
1202.1500	365
1501-1800	2x365
1801-2100	3x365
2101-2400	4x365

W	SG30000....
501-600	150
601-1300	200
1301-1700	250



Chrono - Vent Weight >90Kgs Up To 130Kgs As Noted

ITEMS 1 REFER TO BASE SET SO36110
ON PAGES PURe.E.208 & E.210.
REFER ALSO TO CHRONO SOLVER PRINT-OUTS.

PUR_e Tilt Turn - Open In

PUR_e.E.214

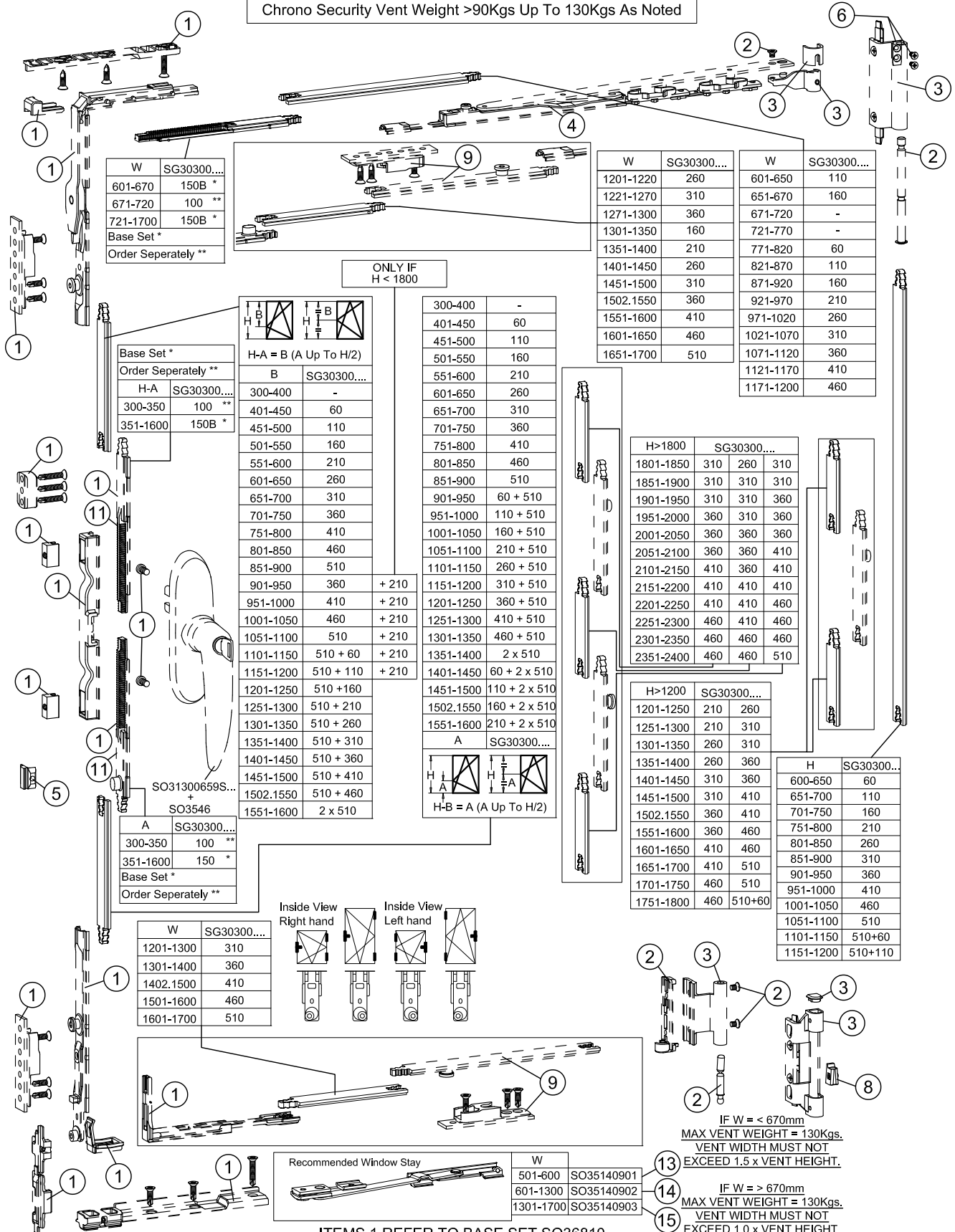
CHRONO Security - Tilt Turn Rods Up To 130Kgs Max.

06.18

IMPORTANT NOTE:

ALL CHRONO SECURITY RODS ON THIS PAGE ARE NOT STOCKED BY SAS.
CHECK WITH SALES FOR AVAILABILITY FROM THE SUPPLIER.

Chrono Security Vent Weight >90Kgs Up To 130Kgs As Noted



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

W	SG30300....
601-670	150B *
671-720	100 **
721-1700	150B *
Base Set *	
Order Separately **	

W	SG30300....
1201-1220	260
1221-1270	310
1271-1300	360
1301-1350	160
1351-1400	210
1401-1450	260
1451-1500	310
1502.1550	360
1551-1600	410
1601-1650	460
1651-1700	510

W	SG30300....
601-650	110
651-670	160
671-720	-
721-770	-
771-820	60
821-870	110
871-920	160
921-970	210
971-1020	260
1021-1070	310
1071-1120	360
1121-1170	410
1171-1200	460

H-A = B (A Up To H/2)	B	SG30300....
300-400	-	
401-450	60	
451-500	110	
501-550	160	
551-600	210	
601-650	260	
651-700	310	
701-750	360	
751-800	410	
801-850	460	
851-900	510	
901-950	360	+ 210
951-1000	410	+ 210
1001-1050	460	+ 210
1051-1100	510	+ 210
1101-1150	510 + 60	+ 210
1151-1200	510 + 110	+ 210
1201-1250	510 + 160	
1251-1300	510 + 210	
1301-1350	510 + 260	
1351-1400	510 + 310	
1401-1450	510 + 360	
1451-1500	510 + 410	
1502.1550	510 + 460	
1551-1600	2 x 510	

300-400	-
401-450	60
451-500	110
501-550	160
551-600	210
601-650	260
651-700	310
701-750	360
751-800	410
801-850	460
851-900	510
901-950	60 + 510
951-1000	110 + 510
1001-1050	160 + 510
1051-1100	210 + 510
1101-1150	260 + 510
1151-1200	310 + 510
1201-1250	360 + 510
1251-1300	410 + 510
1301-1350	460 + 510
1351-1400	2 x 510
1401-1450	60 + 2 x 510
1451-1500	110 + 2 x 510
1502.1550	160 + 2 x 510
1551-1600	210 + 2 x 510

H > 1800	SG30300....
1801-1850	310 260 310
1851-1900	310 310 310
1901-1950	310 310 360
1951-2000	360 310 360
2001-2050	360 360 360
2051-2100	360 360 410
2101-2150	410 360 410
2151-2200	410 410 410
2201-2250	410 410 460
2251-2300	460 410 460
2301-2350	460 460 460
2351-2400	460 460 510

H > 1200	SG30300....
1201-1250	210 260
1251-1300	210 310
1301-1350	260 310
1351-1400	260 360
1401-1450	310 360
1451-1500	310 410
1502.1550	360 410
1551-1600	360 460
1601-1650	410 460
1651-1700	410 510
1701-1750	460 510
1751-1800	460 510+60

H	SG30300....
600-650	60
651-700	110
701-750	160
751-800	210
801-850	260
851-900	310
901-950	360
951-1000	410
1001-1050	460
1051-1100	510
1101-1150	510+60
1151-1200	510+110

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

W	SG30300....
1201-1300	310
1301-1400	360
1402.1500	410
1501-1600	460
1601-1700	510

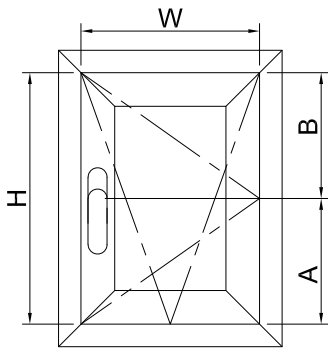
PUR_e.E.215

06.18

PUR_e Tilt Turn - Open In

CHRONO - Tilt Turn Rods Up To 130Kgs Max

Using SO30000671 Handle



IF W = < 670mm
MAX VENT WEIGHT = 130Kgs.
VENT WIDTH MUST NOT
EXCEED 1.5 x VENT HEIGHT.

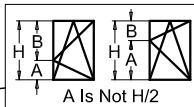
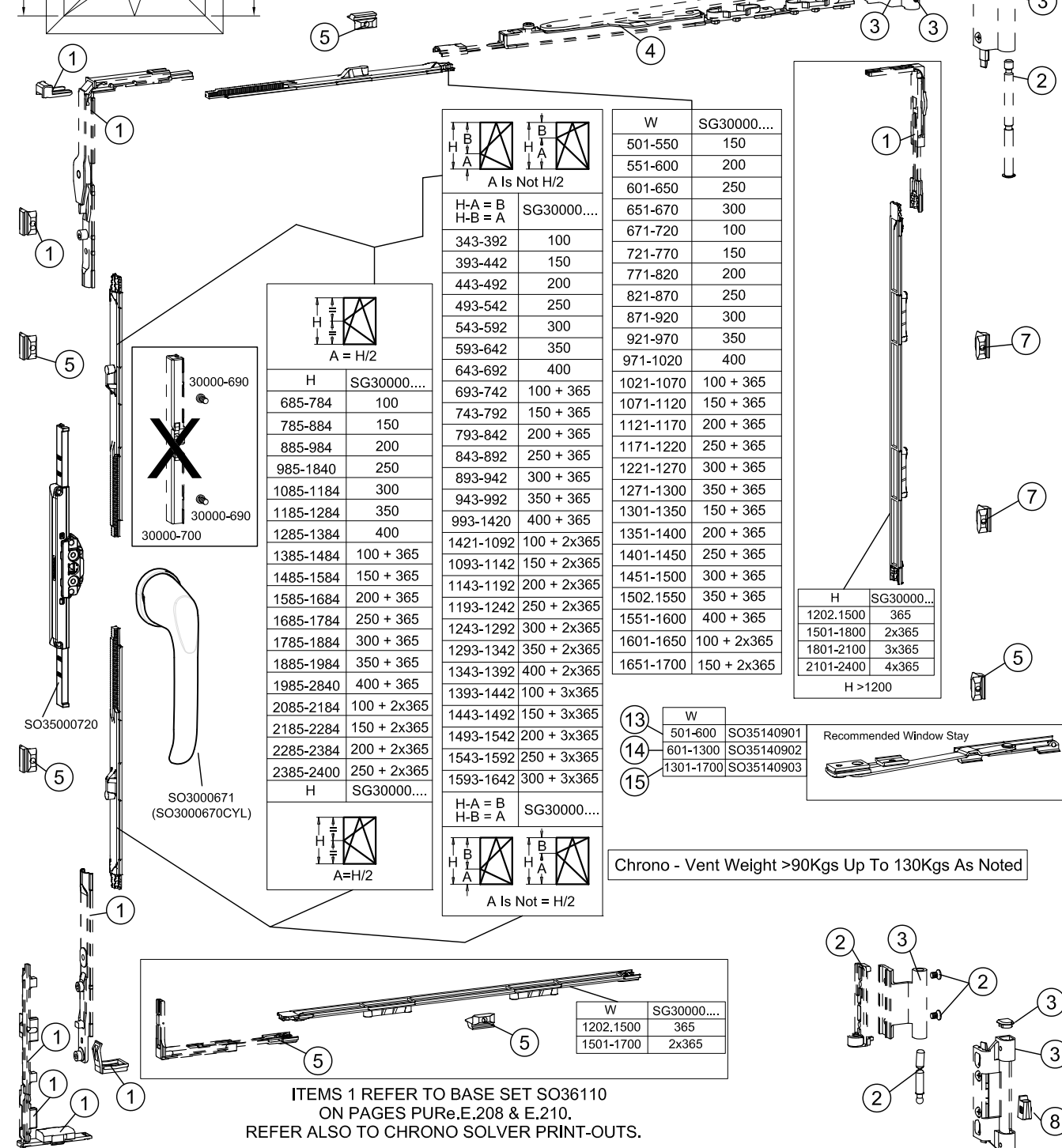
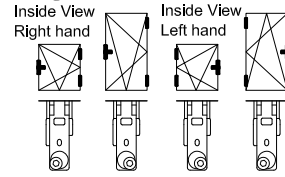
IF W = > 670mm
MAX VENT WEIGHT = 130Kgs.
VENT WIDTH MUST NOT
EXCEED 1.0 x VENT HEIGHT.

HANDLE HEIGHT A =
MIN H/3, MAX 2H/3.

ADJUSTMENT RANGE OF
EACH ROD = 50mm.

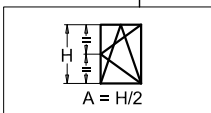
SO30000671/SO30000670CYL
Handles Can Only Be Used In
Conjunction With SO35000720
Gearbox.

Standard Base Set SO36110
To Be Used By Replacing
30000-700 And 30000-690
With SO35000720 Gearbox.



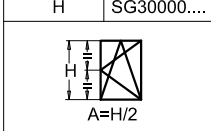
A Is Not H/2

H-A = B H-B = A	SG30000....
343-392	100
393-442	150
443-492	200
493-542	250
543-592	300
593-642	350
643-692	400



A = H/2

H	SG30000....
685-784	100
785-884	150
885-984	200
985-1840	250
1085-1184	300
1185-1284	350
1285-1384	400
1385-1484	100 + 365
1485-1584	150 + 365
1585-1684	200 + 365
1685-1784	250 + 365
1785-1884	300 + 365
1885-1984	350 + 365
1985-2840	400 + 365
2085-2184	100 + 2x365
2185-2284	150 + 2x365
2285-2384	200 + 2x365
2385-2400	250 + 2x365



A = H/2

H-A = B
H-B = A



A Is Not H/2

W	SG30000....
501-550	150
551-600	200
601-650	250
651-670	300
671-720	100
721-770	150
771-820	200
821-870	250
871-920	300
921-970	350
971-1020	400
1021-1070	100 + 365
1071-1120	150 + 365
1121-1170	200 + 365
1171-1220	250 + 365
1221-1270	300 + 365
1271-1300	350 + 365
1301-1350	150 + 365
1351-1400	200 + 365
1401-1450	250 + 365
1451-1500	300 + 365
1502.1550	350 + 365
1551-1600	400 + 365
1601-1650	100 + 2x365
1651-1700	150 + 2x365

W	SG30000....
501-600	150
601-1300	200
1301-1700	250

H	SG30000....
1202.1500	365
1501-1800	2x365
1801-2100	3x365
2101-2400	4x365

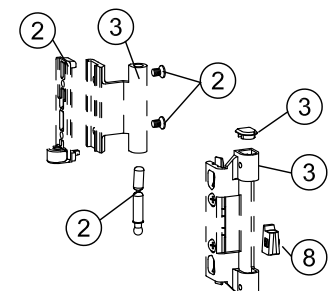
H > 1200

Chrono - Vent Weight >90Kgs Up To 130Kgs As Noted

W	SG30000....
1202.1500	365
1501-1700	2x365

ITEMS 1 REFER TO BASE SET SO36110
ON PAGES PUR_e.E.208 & E.210.
REFER ALSO TO CHRONO SOLVER PRINT-OUTS.

30000-690



PUR_e Tilt Turn - Open In

PUR_e.E.216

CHRONO Security - Tilt Turn Rods Up To 130Kgs Max.

06.18

SO30000671/SO30000670CYL

Handles Can Only Be Used In Conjunction With
SO35300720 Gearbox.

Standard Base Set SO36810 To Be Used By Replacing
30300-700-1, 30300-700-2 And 30000-690 With
SO35300720 Gearbox.

ONLY IF H < 1800

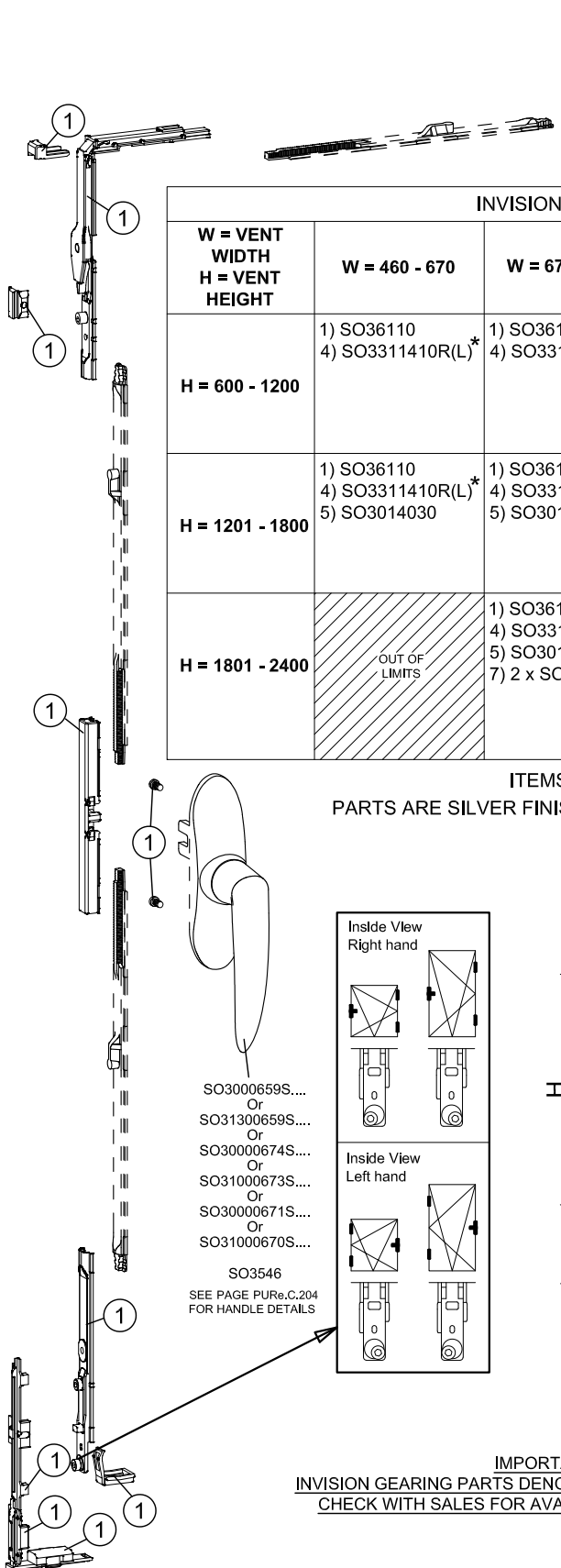
W	SG30300....
601-670	150B *
671-720	100 **
721-1700	150B *
Base Set *	
Order Separately **	

W	SG30300....	W	SG30300....
1201-1220	260	601-650	110
1221-1270	310	651-670	160
1271-1300	360	671-720	-
1301-1350	160	721-770	-
1351-1400	210	771-820	60
1401-1450	260	821-870	110
1451-1500	310	871-920	160
1502.1550	360	921-970	210
1551-1600	410	971-1020	260
1601-1650	460	1021-1070	310
1651-1700	510	1071-1120	360
		1121-1170	410
		1171-1200	460

H-A = B (A Up To H/2)	B	SG30300....
343-442	-	
443-492	60	
493-542	110	
543-592	160	
593-642	210	
643-692	260	
693-742	310	
743-792	360	
793-842	410	
843-892	460	
893-942	510	
943-992	60 + 510	
993-1042	110 + 510	
1043-1092	160 + 510	
1093-1142	210 + 510	
1143-1192	260 + 510	
1193-1242	310 + 510	
1243-1292	360 + 510	
1293-1342	410 + 510	
1343-1392	460 + 510	
1393-1442	2 x 510	
1443-1492	60 + 2 x 510	
1493-1542	110 + 2 x 510	
1543-1592	160 + 2 x 510	
1593-1642	210 + 2 x 510	
1643-1692	260 + 2 x 510	
1693-1742	310 + 2 x 510	
1743-1792	360 + 2 x 510	
1793-1842	410 + 2 x 510	
1843-1892	460 + 2 x 510	
1893-1942	510 + 2 x 510	
1943-1992	560 + 2 x 510	
1993-2042	610 + 2 x 510	
2043-2092	660 + 2 x 510	
2093-2142	710 + 2 x 510	
2143-2192	760 + 2 x 510	
2193-2242	810 + 2 x 510	
2243-2292	860 + 2 x 510	
2293-2342	910 + 2 x 510	
2343-2392	960 + 2 x 510	
2393-2442	1010 + 2 x 510	
2443-2492	1060 + 2 x 510	
2493-2542	1110 + 2 x 510	
2543-2592	1160 + 2 x 510	
2593-2642	1210 + 2 x 510	
2643-2692	1260 + 2 x 510	
2693-2742	1310 + 2 x 510	
2743-2792	1360 + 2 x 510	
2793-2842	1410 + 2 x 510	
2843-2892	1460 + 2 x 510	
2893-2942	1510 + 2 x 510	
2943-2992	1560 + 2 x 510	
2993-3042	1610 + 2 x 510	
3043-3092	1660 + 2 x 510	
3093-3142	1710 + 2 x 510	
3143-3192	1760 + 2 x 510	
3193-3242	1810 + 2 x 510	
3243-3292	1860 + 2 x 510	
3293-3342	1910 + 2 x 510	
3343-3392	1960 + 2 x 510	
3393-3442	2010 + 2 x 510	
3443-3492	2060 + 2 x 510	
3493-3542	2110 + 2 x 510	
3543-3592	2160 + 2 x 510	
3593-3642	2210 + 2 x 510	
3643-3692	2260 + 2 x 510	
3693-3742	2310 + 2 x 510	
3743-3792	2360 + 2 x 510	
3793-3842	2410 + 2 x 510	
3843-3892	2460 + 2 x 510	
3893-3942	2510 + 2 x 510	
3943-3992	2560 + 2 x 510	
3993-4042	2610 + 2 x 510	
4043-4092	2660 + 2 x 510	
4093-4142	2710 + 2 x 510	
4143-4192	2760 + 2 x 510	
4193-4242	2810 + 2 x 510	
4243-4292	2860 + 2 x 510	
4293-4342	2910 + 2 x 510	
4343-4392	2960 + 2 x 510	
4393-4442	3010 + 2 x 510	
4443-4492	3060 + 2 x 510	
4493-4542	3110 + 2 x 510	
4543-4592	3160 + 2 x 510	
4593-4642	3210 + 2 x 510	
4643-4692	3260 + 2 x 510	
4693-4742	3310 + 2 x 510	
4743-4792	3360 + 2 x 510	
4793-4842	3410 + 2 x 510	
4843-4892	3460 + 2 x 510	
4893-4942	3510 + 2 x 510	
4943-4992	3560 + 2 x 510	
4993-5042	3610 + 2 x 510	
5043-5092	3660 + 2 x 510	
5093-5142	3710 + 2 x 510	
5143-5192	3760 + 2 x 510	
5193-5242	3810 + 2 x 510	
5243-5292	3860 + 2 x 510	
5293-5342	3910 + 2 x 510	
5343-5392	3960 + 2 x 510	
5393-5442	4010 + 2 x 510	
5443-5492	4060 + 2 x 510	
5493-5542	4110 + 2 x 510	
5543-5592	4160 + 2 x 510	
5593-5642	4210 + 2 x 510	
5643-5692	4260 + 2 x 510	
5693-5742	4310 + 2 x 510	
5743-5792	4360 + 2 x 510	
5793-5842	4410 + 2 x 510	
5843-5892	4460 + 2 x 510	
5893-5942	4510 + 2 x 510	
5943-5992	4560 + 2 x 510	
5993-6042	4610 + 2 x 510	
6043-6092	4660 + 2 x 510	
6093-6142	4710 + 2 x 510	
6143-6192	4760 + 2 x 510	
6193-6242	4810 + 2 x 510	
6243-6292	4860 + 2 x 510	
6293-6342	4910 + 2 x 510	
6343-6392	4960 + 2 x 510	
6393-6442	5010 + 2 x 510	
6443-6492	5060 + 2 x 510	
6493-6542	5110 + 2 x 510	
6543-6592	5160 + 2 x 510	
6593-6642	5210 + 2 x 510	
6643-6692	5260 + 2 x 510	
6693-6742	5310 + 2 x 510	
6743-6792	5360 + 2 x 510	
6793-6842	5410 + 2 x 510	
6843-6892	5460 + 2 x 510	
6893-6942	5510 + 2 x 510	
6943-6992	5560 + 2 x 510	
6993-7042	5610 + 2 x 510	
7043-7092	5660 + 2 x 510	
7093-7142	5710 + 2 x 510	
7143-7192	5760 + 2 x 510	
7193-7242	5810 + 2 x 510	
7243-7292	5860 + 2 x 510	
7293-7342	5910 + 2 x 510	
7343-7392	5960 + 2 x 510	
7393-7442	6010 + 2 x 510	
7443-7492	6060 + 2 x 510	
7493-7542	6110 + 2 x 510	
7543-7592	6160 + 2 x 510	
7593-7642	6210 + 2 x 510	
7643-7692	6260 + 2 x 510	
7693-7742	6310 + 2 x 510	
7743-7792	6360 + 2 x 510	
7793-7842	6410 + 2 x 510	
7843-7892	6460 + 2 x 510	
7893-7942	6510 + 2 x 510	
7943-7992	6560 + 2 x 510	
7993-8042	6610 + 2 x 510	
8043-8092	6660 + 2 x 510	
8093-8142	6710 + 2 x 510	
8143-8192	6760 + 2 x 510	
8193-8242	6810 + 2 x 510	
8243-8292	6860 + 2 x 510	
8293-8342	6910 + 2 x 510	
8343-8392	6960 + 2 x 510	
8393-8442	7010 + 2 x 510	
8443-8492	7060 + 2 x 510	
8493-8542	7110 + 2 x 510	
8543-8592	7160 + 2 x 510	
8593-8642	7210 + 2 x 510	
8643-8692	7260 + 2 x 510	
8693-8742	7310 + 2 x 510	
8743-8792	7360 + 2 x 510	
8793-8842	7410 + 2 x 510	
8843-8892	7460 + 2 x 510	
8893-8942	7510 + 2 x 510	
8943-8992	7560 + 2 x 510	
8993-9042	7610 + 2 x 510	
9043-9092	7660 + 2 x 510	
9093-9142	7710 + 2 x 510	
9143-9192	7760 + 2 x 510	
9193-9242	7810 + 2 x 510	
9243-9292	7860 + 2 x 510	
9293-9342	7910 + 2 x 510	
9343-9392	7960 + 2 x 510	
9393-9442	8010 + 2 x 510	
9443-9492	8060 + 2 x 510	
9493-9542	8110 + 2 x 510	
9543-9592	8160 + 2 x 510	
9593-9642	8210 + 2 x 510	
9643-9692	8260 + 2 x 510	
9693-9742	8310 + 2 x 510	
9743-9792	8360 + 2 x 510	
9793-9842	8410 + 2 x 510	
9843-9892	8460 + 2 x 510	
9893-9942	8510 + 2 x 510	
9943-9992	8560 + 2 x 510	
9993-10042	8610 + 2 x 510	
10043-10092	8660 + 2 x 510	
10093-10142	8710 + 2 x 510	
10143-10192	8760 + 2 x 510	
10193-10242	8810 + 2 x 510	
10243-10292	8860 + 2 x 510	
10293-10342	8910 + 2 x 510	
10343-10392	8960 + 2 x 510	
10393-10442	9010 + 2 x 510	
10443-10492	9060 + 2 x 510	
10493-10542	9110 + 2 x 510	
10543-10592	9160 + 2 x 510	
10593-10642	9210 + 2 x 510	
10643-10692	9260 + 2 x 510	
10693-10742	9310 + 2 x 510	
10743-10792	9360 + 2 x 510	
10793-10842	9410 + 2 x 510	
10843-10892	9460 + 2 x 510	
10893-10942	9510 + 2 x 510	
10943-10992	9560 + 2 x 510	
10993-11042	9610 + 2 x 510	
11043-11092	9660 + 2 x 510	
11093-11142	9710 + 2 x 510	
11143-11192	9760 + 2 x 510	
11193-11242	9810 + 2 x 510	
11243-11292	9860 + 2 x 510	
11293-11342	9910 + 2 x 510	
11343-11392	9960 + 2 x 510	
11393-11442	10010 + 2 x 510	
11443-11492	10060 + 2 x 510	
11493-11542	10110 + 2 x 510	
11543-11592	10160 + 2 x 510	
11593-11642	10210 + 2 x 510	
11643-11692	10260 + 2 x 510	
11693-11742	10310 + 2 x 510	
11743-11792	10360 + 2 x 510	
11793-11842	10410 + 2 x 510	
11843-11892	10460 + 2 x 510	
11893-11942	10510 + 2 x 510	
11943-11992	10560 + 2 x 510	
11993-12042	10610 + 2 x 510	
12043-12092	10660 + 2 x 510	
12093-12142	10710 + 2 x 510	
12143-12192	10760 + 2 x 510	
12193-12242	10810 + 2 x 510	
12243-12292	10860 + 2 x 510	
12293-12342	10910 + 2 x 510	
12343-12392	10960 + 2 x 510	
12393-12442	11010 + 2 x 510	
12443-12492	11060 + 2 x 510	
12493-12542	11110 + 2 x 510	
12543-12592	11160 + 2 x 510	
12593-		

PURe Tilt Turn - Open In

INVISION - Tilt Turn Gearing Up To 90Kgs Max.



INVISION - Vent Weight 90Kgs Maximum

W = VENT WIDTH H = VENT HEIGHT	W = 460 - 670	W = 671 - 1200	W = 1201 - 1300	W = 1301 - 1400	W = 1401 - 1700
H = 600 - 1200	1) SO36110 4) SO3311410R(L)*	1) SO36110 4) SO3311510R(L)*	1) SO36110 4) SO3311510R(L)* 5) SO3014030 14) SO35140902	1) SO36110 4) SO3311610R(L)* 5) SO3014030 14) SO35140903	1) SO36110 4) SO3311610R(L)* 5) SO3014030 8) SO32140790* 14) SO35140903
H = 1201 - 1800	1) SO36110 4) SO3311410R(L)* 5) SO3014030	1) SO36110 4) SO3311510R(L)* 5) SO3014030	1) SO36110 4) SO3311510R(L)* 5) 2 x SO3014030 14) SO35140902	1) SO36110 4) SO3311610R(L)* 5) 2 x SO3014030 14) SO35140903	1) SO36110 4) SO3311610R(L)* 5) 2 x SO3014030 8) SO32140790* 14) SO35140903
H = 1801 - 2400	OUT OF LIMITS	1) SO36110 4) SO3311510R(L)* 5) SO3014030 7) 2 x SO30140800	1) SO36110 4) SO3311510R(L)* 5) 2 x SO3014030 7) 2 x SO30140800 14) SO35140902	1) SO36110 4) SO3311610R(L)* 5) 2 x SO3014030 7) 2 x SO30140800 14) SO35140903	1) SO36110 4) SO3311610R(L)* 5) 2 x SO3014030 7) 3 x SO30140800 8) SO32140790* 14) SO35140903

ITEMS 1 REFER TO BASE SET SO36110
PARTS ARE SILVER FINISH, REFER ALSO TO CHRONO SOLVER PRINT OUTS.

SO3000659S....
Or
SO31300659S....
Or
SO3000674S....
Or
SO3100673S....
Or
SO3000671S....
Or
SO3100670S....

SO3546
SEE PAGE PURe.C.204
FOR HANDLE DETAILS

Inside View Right hand

Inside View Left hand

SO36110
Base Set:

QTY	Supplier Code	Description
1	30000-500	corner transmission
1	30000-530	clips
2	30000-690	handle screw
1	30000-700	connection piece
1	30140-800	add ctr locking set
1	31000-600	vent run on rest
1	31000-620	bolt
1	31110-610	frame run on wedge
1	31140-810	tilt wedge
1	31140-820	bolt wedge

W

H

A

DENOTES RIGHT HAND WINDOW VIEWED FROM THE INSIDE

VENT WIDTH MUST NOT EXCEED 1.5 x VENT HEIGHT.

HANDLE HEIGHT: A = MIN H/3, MAX 2H/3.

IMPORTANT NOTE:
INVISION GEARING PARTS DENOTED * ARE NOT STOCKED BY SAS.
CHECK WITH SALES FOR AVAILABILITY FROM THE SUPPLIER.

8

4

4

PUR_e Tilt Turn - Open In

PUR_e.E.218

INVISION Security - Tilt Turn Gearing Up To 90Kgs Max.

06.18

INVISION Security - Vent Weight 90Kgs Maximum

W = VENT WIDTH H = VENT HEIGHT	W = 460 - 510	W = 511 - 670	W = 671 - 720	W = 721 - 1200	W = 1201 - 1300	W = 1301 - 1400	W = 1401 - 1700
H = 600 - 700	1) SO36810* 4) SO3311410R(L)* 11) 3xSG30300100*	1) SO36810* 4) SO3311410R(L)* 11) 2xSG30300100*	1) SO36810* 4) SO3311510R(L)* 11) 2xSG30300100*	1) SO36810* 4) SO3311510R(L)* 11) 2xSG30300100*	OUT OF LIMITS	OUT OF LIMITS	OUT OF LIMITS
H = 701 - 1200	1) SO36810* 4) SO3311410R(L)* 11) SG30300100*	1) SO36810* 4) SO3311410R(L)* 11) SG30300100*	1) SO36810* 4) SO3311510R(L)* 11) SG30300100*	1) SO36810* 4) SO3311510R(L)* 11) SG30300100*	1) SO36810* 4) SO3311510R(L)* 10) SO3081035* 14) SO35140902	1) SO36810* 4) SO3311610R(L)* 10) SO3081035* 14) SO35140903	1) SO36810* 4) SO3311610R(L)* 10) SO3081035* 14) SO35140903
H = 1201 - 1800	1) SO36810* 4) SO3311410R(L)* 5) SO3034030* 11) SG30300100*	1) SO36810* 4) SO3311410R(L)* 5) SO3034030* 11) SG30300100*	1) SO36810* 4) SO3311510R(L)* 5) SO3034030* 11) SG30300100*	1) SO36810* 4) SO3311510R(L)* 5) SO3034030* 11) SG30300100*	1) SO36810* 4) SO3311510R(L)* 5) SO3034030* 9) SO3081035* 14) SO35140902	1) SO36810* 4) SO3311610R(L)* 5) SO3034030* 9) SO3081035* 14) SO35140903	1) SO36810* 4) SO3311610R(L)* 5) SO3034030* 9) SO3081035* 14) SO35140903
H = 1801 - 2400	OUT OF LIMITS	OUT OF LIMITS	1) SO36810* 4) SO3311510R(L)* 5) SO3034030* 10) SO3081031* 11) SG30300100*	1) SO36810* 4) SO3311510R(L)* 5) SO3034030* 10) SO3081031*	1) SO36810* 4) SO3311510R(L)* 5) SO3034030* 9) SO3081035* 10) SO3081031* 14) SO35140903	1) SO36810* 4) SO3311610R(L)* 5) SO3034030* 9) SO3081035* 10) SO3081031* 14) SO35140903	1) SO36810* 4) SO3311610R(L)* 5) SO3034030* 9) SO3081035* 10) SO3081031* 14) SO35140903

ITEMS 1 REFER TO BASE SET SO36810
PARTS ARE SILVER FINISH, REFER ALSO TO CHRONO SOLVER PRINT OUTS.

SO31300659S...
Or
SO31000673S....
Or
SO31000670S....
+
SO3546
SEE PAGE PUR_e.C.204
FOR HANDLE DETAILS

Inside View Right hand

Inside View Left hand

W

H

A

B

Denotes RIGHT HAND WINDOW
VIEWED FROM THE INSIDE

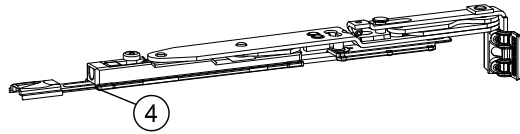
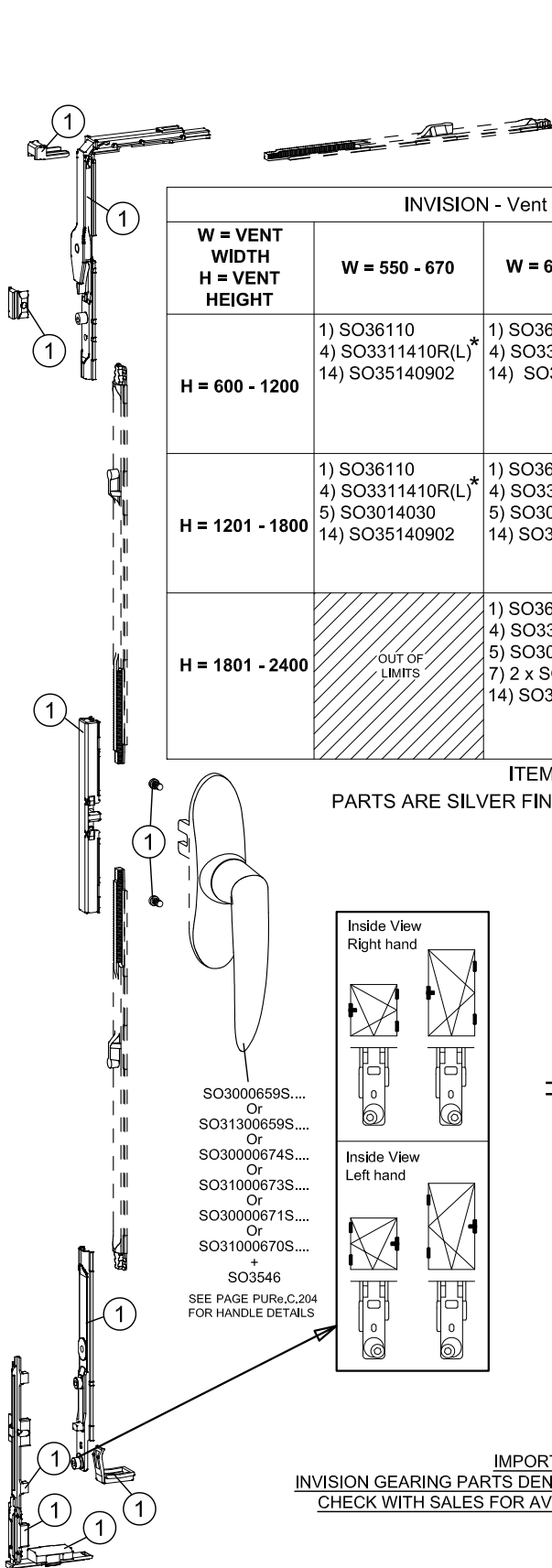
VENT WIDTH MUST NOT
EXCEED 1.5 x VENT HEIGHT.

HANDLE HEIGHT: A =
MIN H/3, MAX 2H/3.

IMPORTANT NOTE:
INVISION SECURITY GEARING PARTS DENOTED * ARE NOT STOCKED BY SAS.
CHECK WITH SALES FOR AVAILABILITY FROM THE SUPPLIER.

SO36810 Base Set: Security

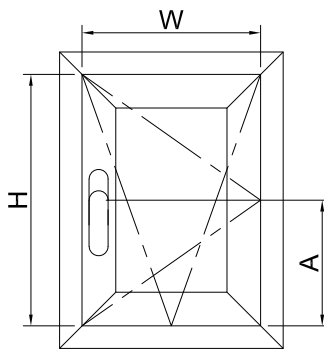
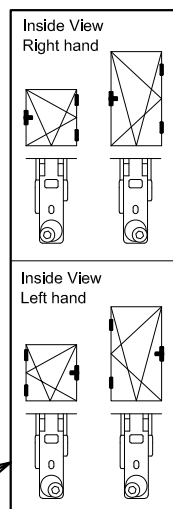
QTY	Supplier Code	Description
1	30000-530	clips
2	30000-690	handle screw
1	30140-610	frame run on wedge
1	30300-105P	mushroom head bolt
1	30300-150	rod
2	30300-150B	rod
1	30300-500	corner transmission
1	30300-515	corner transmission
1	30300-700-1	connection piece
2	30300-700-2	fixing piece
1	30310-631-2	clamping plate
4	30310-841-1	wedge
1	30340-630-1L	protection piece left
1	30340-630-1R	protection piece right
2	30340-631-1	anti-lift plate
1	31000-600	vent run on rest
1	31300-620	bolt
1	31140-810	tilt wedge
1	31340-820	bolt wedge
2	M5x12Din965	screw
16	St4.2x16Din7504P	drilling screw
6	St4.2x25Din7504P	drilling screw



INVISION - Vent Weight - >90kgs Up To 130Kgs Maximum					
W = VENT WIDTH H = VENT HEIGHT	W = 550 - 670	W = 671 - 1200	W = 1201 - 1300	W = 1301 - 1400	W = 1401 - 1700
H = 600 - 1200	1) SO36110 4) SO3311410R(L)* 14) SO35140902	1) SO36110 4) SO3311510R(L)* 14) SO35140902	1) SO36110 4) SO3311510R(L)* 5) SO3014030 14) SO35140902	1) SO36110 4) SO3311610R(L)* 5) SO3014030 15) SO35140903	1) SO36110 4) SO3311610R(L)* 5) SO3014030 8) SO32140790* 15) SO35140903
H = 1201 - 1800	1) SO36110 4) SO3311410R(L)* 5) SO3014030 14) SO35140902	1) SO36110 4) SO3311510R(L)* 5) SO3014030 14) SO35140902	1) SO36110 4) SO3311510R(L)* 5) 2 x SO3014030 14) SO35140902	1) SO36110 4) SO3311610R(L)* 5) 2 x SO3014030 15) SO35140903	1) SO36110 4) SO3311610R(L)* 5) 2 x SO3014030 8) SO32140790* 15) SO35140903
H = 1801 - 2400	OUT OF LIMITS	1) SO36110 4) SO3311510R(L)* 5) SO3014030 7) 2 x SO30140800 14) SO35140902	1) SO36110 4) SO3311510R(L)* 5) 2 x SO3014030 7) 2 x SO30140800 14) SO35140902	1) SO36110 4) SO3311610R(L)* 5) 2 x SO3014030 7) 2 x SO30140800 15) SO35140903	1) SO36110 4) SO3311610R(L)* 5) 2 x SO3014030 7) 3 x SO30140800 8) SO32140790* 15) SO35140903

ITEMS 1 REFER TO BASE SET SO36110

PARTS ARE SILVER FINISH, REFER ALSO TO CHRONO SOLVER PRINT OUTS.



DENOTES RIGHT HAND WINDOW
VIEWED FROM THE INSIDE

VENT WIDTH MUST NOT
EXCEED 1.5 x VENT HEIGHT.

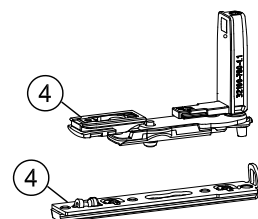
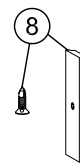
HANDLE HEIGHT: A =
MIN H/3, MAX 2H/3.

IMPORTANT NOTE:
INVISION GEARING PARTS DENOTED * ARE NOT STOCKED BY SAS,
CHECK WITH SALES FOR AVAILABILITY FROM THE SUPPLIER.

SO36110

Base Set:

QTY	Supplier Code	Description
1	30000-500	corner transmslsslon
1	30000-530	clips
2	30000-690	handle screw
1	30000-700	connection piece
1	30140-800	add ctr locking set
1	31000-600	vent run on rest
1	31000-620	bolt
1	31110-610	frame run on wedge
1	31140-810	tilt wedge
1	31140-820	bolt wedge

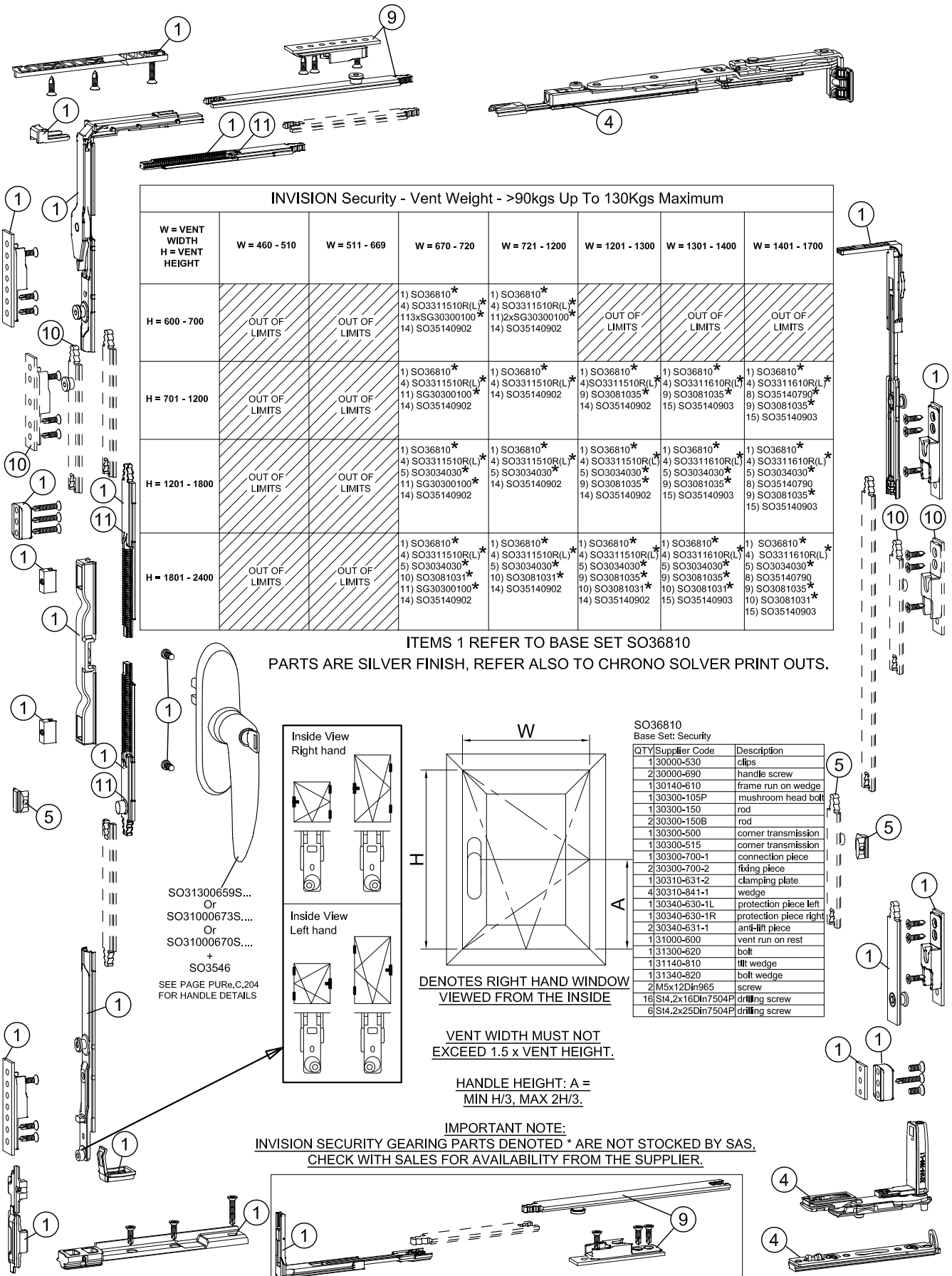


PUR_e Tilt Turn - Open In

PUR_e.E.220

INVISION Security - Tilt Turn Gearing >90Kgs Up To 130Kgs Max.

06.18



INVISION Security - Vent Weight - >90kgs Up To 130Kgs Maximum

W = VENT WIDTH H = VENT HEIGHT	W = 460 - 510	W = 511 - 669	W = 670 - 720	W = 721 - 1200	W = 1201 - 1300	W = 1301 - 1400	W = 1401 - 1700
H = 600 - 700	OUT OF LIMITS	OUT OF LIMITS	1) SO36810* 4) SO3311510R(L)* 113xSG30300100* 14) SO35140902	1) SO36810* 4) SO3311510R(L)* 112xSG30300100* 14) SO35140902	OUT OF LIMITS	OUT OF LIMITS	OUT OF LIMITS
H = 701 - 1200	OUT OF LIMITS	OUT OF LIMITS	1) SO36810* 4) SO3311510R(L)* 11) SG30300100* 14) SO35140902	1) SO36810* 4) SO3311510R(L)* 14) SO35140902	1) SO36810* 4) SO3311510R(L)* 9) SO3081035* 14) SO35140902	1) SO36810* 4) SO3311610R(L)* 9) SO3081035* 15) SO35140903	1) SO36810* 4) SO3311610R(L)* 8) SO35140790* 9) SO3081035* 15) SO35140903
H = 1201 - 1800	OUT OF LIMITS	OUT OF LIMITS	1) SO36810* 4) SO3311510R(L)* 5) SO3034030* 11) SG30300100* 14) SO35140902	1) SO36810* 4) SO3311510R(L)* 5) SO3034030* 14) SO35140902	1) SO36810* 4) SO3311510R(L)* 5) SO3034030* 9) SO3081035* 14) SO35140902	1) SO36810* 4) SO3311610R(L)* 5) SO3034030* 9) SO3081035* 15) SO35140903	1) SO36810* 4) SO3311610R(L)* 5) SO3034030* 8) SO35140790* 9) SO3081035* 15) SO35140903
H = 1801 - 2400	OUT OF LIMITS	OUT OF LIMITS	1) SO36810* 4) SO3311510R(L)* 5) SO3034030* 10) SO3081031* 11) SG30300100* 14) SO35140902	1) SO36810* 4) SO3311510R(L)* 5) SO3034030* 10) SO3081031* 14) SO35140902	1) SO36810* 4) SO3311510R(L)* 5) SO3034030* 9) SO3081035* 10) SO3081031* 14) SO35140902	1) SO36810* 4) SO3311610R(L)* 5) SO3034030* 9) SO3081035* 10) SO3081031* 15) SO35140903	1) SO36810* 4) SO3311610R(L)* 5) SO3034030* 8) SO35140790* 9) SO3081035* 10) SO3081031* 15) SO35140903

ITEMS 1 REFER TO BASE SET SO36810
PARTS ARE SILVER FINISH, REFER ALSO TO CHRONO SOLVER PRINT OUTS.

SO31300659S...
Or
SO31000673S...
Or
SO31000670S...
+
SO3546
SEE PAGE PUR_e.C.204
FOR HANDLE DETAILS

Inside View Right hand

Inside View Left hand

VENT WIDTH MUST NOT EXCEED 1.5 x VENT HEIGHT.

HANDLE HEIGHT: A = MIN H/3, MAX 2H/3.

IMPORTANT NOTE:
INVISION SECURITY GEARING PARTS DENOTED * ARE NOT STOCKED BY SAS.
CHECK WITH SALES FOR AVAILABILITY FROM THE SUPPLIER.

SO36810 Base Set: Security

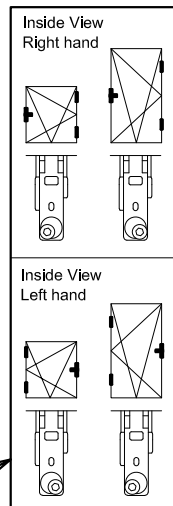
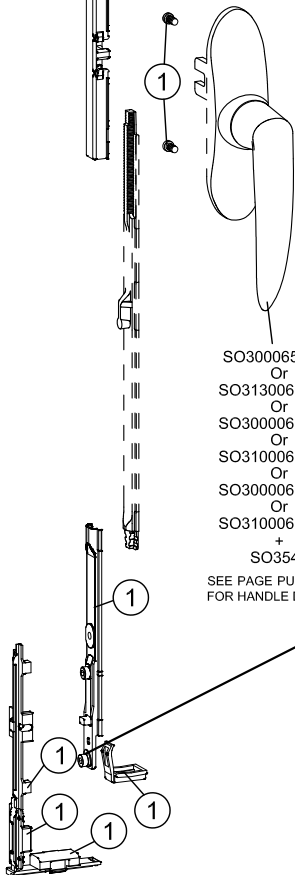
QTY	Supplier Code	Description
1	30000-530	clips
2	30000-690	handle screw
1	30140-610	frame run on wedge
1	30300-105P	mushroom head bolt
1	30300-150	rod
2	30300-150B	rod
1	30300-500	corner transmission
1	30300-515	corner transmission
1	30300-700-1	connection piece
2	30300-700-2	fixing piece
1	30310-631-2	clamping plate
4	30310-841-1	wedge
1	30340-630-1L	protection piece left
1	30340-630-1R	protection piece right
2	30340-631-1	anti-lift piece
1	31000-600	vent run on rest
1	31300-620	bolt
1	31140-810	tilt wedge
1	31340-820	bolt wedge
2	M5x12Din965	screw
16	S14.2x16Din7504P	drilling screw
6	S14.2x25Din7504P	drilling screw



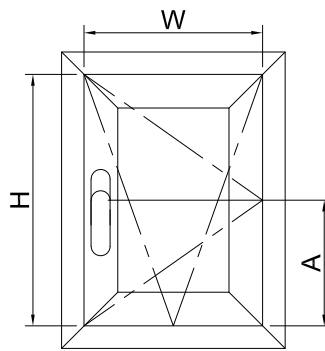
INVISION - Vent Weight >130Kgs Up To 170Kgs Maximum					
W = VENT WIDTH H = VENT HEIGHT	W = 460 - 670	W = 671 - 1200	W = 1201 - 1300	W = 1301 - 1400	W = 1401 - 1700
H = 600 - 1200	OUT OF LIMITS	1) SO36110 4) SO3311510R(L)* 8) SO32140790* 14) SO35140902	1) SO36110 4) SO3311510R(L)* 5) SO3014030 8) SO32140790* 14) SO35140902	1) SO36110 4) SO3311610R(L)* 5) SO3014030 8) SO32140790* 15) SO35140903	1) SO36110 4) SO3311610R(L)* 5) SO3014030 8) SO32140790* 15) SO35140903
H = 1201 - 1800	OUT OF LIMITS	1) SO36110 4) SO3311510R(L)* 5) SO3014030 8) SO32140790* 14) SO35140902	1) SO36110 4) SO3311510R(L)* 5) 2 x SO3014030 8) SO32140790* 14) SO35140902	1) SO36110 4) SO3311610R(L)* 5) 2 x SO3014030 8) SO32140790* 15) SO35140903	1) SO36110 4) SO3311610R(L)* 5) 2 x SO3014030 8) SO32140790* 15) SO35140903
H = 1801 - 2400	OUT OF LIMITS	1) SO36110 4) SO3311510R(L)* 5) SO3014030 7) 2 x SO30140800 8) SO32140790* 14) SO35140902	1) SO36110 4) SO3311510R(L)* 5) 2 x SO3014030 7) 2 x SO30140800 8) SO32140790* 14) SO35140902	1) SO36110 4) SO3311610R(L)* 5) 2 x SO3014030 7) 2 x SO30140800 8) SO32140790* 15) SO35140903	1) SO36110 4) SO3311610R(L)* 5) 2 x SO3014030 7) 3 x SO30140800 8) SO32140790* 15) SO35140903

ITEMS 1 REFER TO BASE SET SO36110

PARTS ARE SILVER FINISH, REFER ALSO TO CHRONO SOLVER PRINT OUTS.



SO3000659S....
Or
SO31300659S....
Or
SO3000674S....
Or
SO3100673S....
Or
SO3000671S....
Or
SO3100670S....
+
SO3546
SEE PAGE PURe.C.204
FOR HANDLE DETAILS



DENOTES RIGHT HAND WINDOW
VIEWED FROM THE INSIDE

VENT WIDTH MUST NOT
EXCEED 1.0 x VENT HEIGHT.

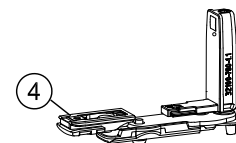
HANDLE HEIGHT: A =
MIN H/3, MAX 2H/3.

IMPORTANT NOTE:
INVISION GEARING PARTS DENOTED * ARE NOT STOCKED BY SAS.
CHECK WITH SALES FOR AVAILABILITY FROM THE SUPPLIER.

SO36110

Base Set:

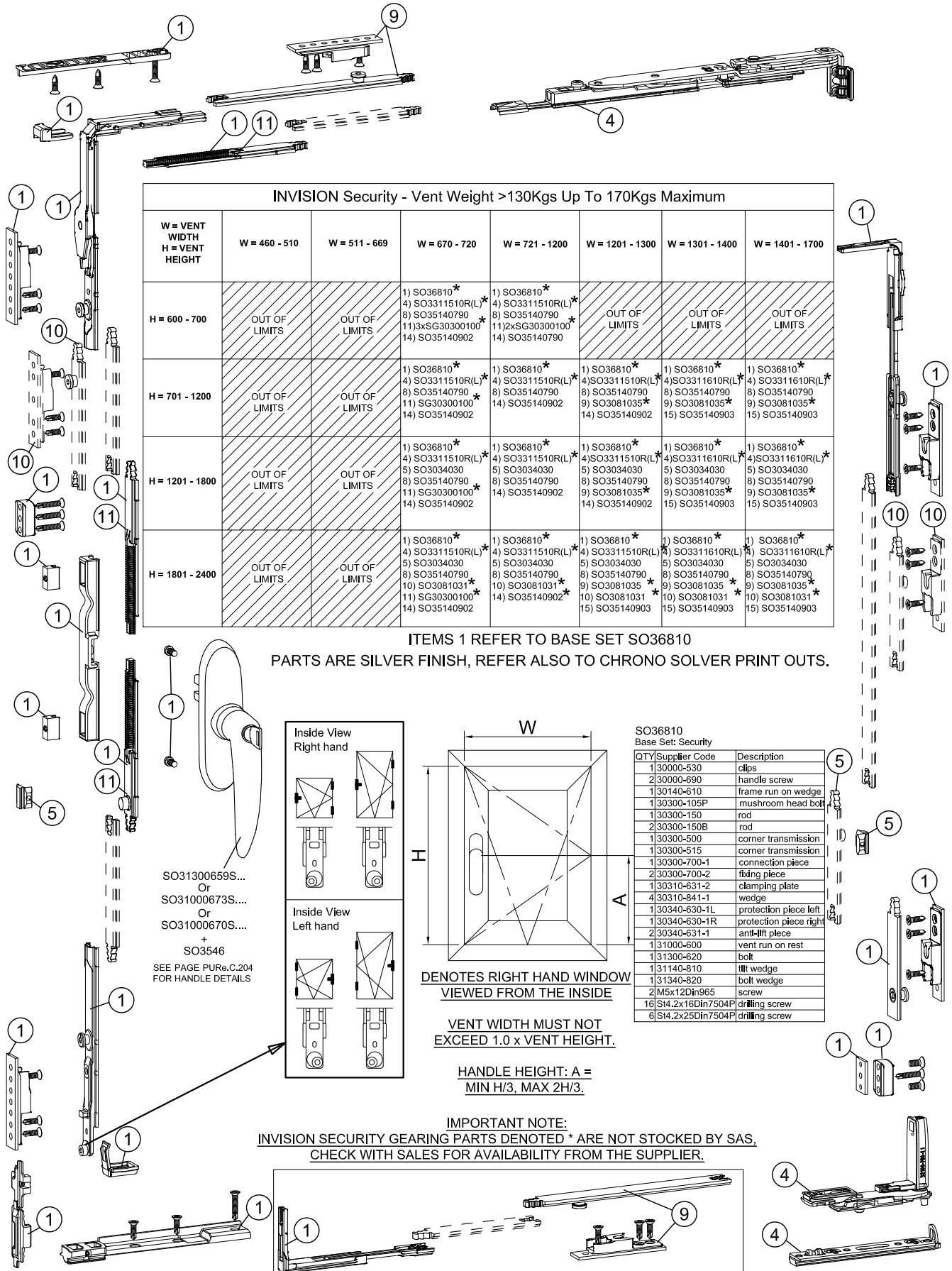
QTY	Supplier Code	Description
1	30000-500	corner transmission
1	30000-530	clips
2	30000-690	handle screw
1	30000-700	connection piece
1	30140-800	add ctr locking set
1	31000-600	vent run on rest
1	31000-620	bolt
1	31110-610	frame run on wedge
1	31140-810	tilt wedge
1	31140-820	bolt wedge



PUR_e Tilt Turn - Open In

PUR_e.E.222

INVISION Security - Tilt Turn Gearing >130Kgs Up To 170Kgs Max. 06.18



INVISION Security - Vent Weight >130Kgs Up To 170Kgs Maximum

W = VENT WIDTH H = VENT HEIGHT	W = 460 - 510	W = 511 - 669	W = 670 - 720	W = 721 - 1200	W = 1201 - 1300	W = 1301 - 1400	W = 1401 - 1700
H = 600 - 700	OUT OF LIMITS	OUT OF LIMITS	1) SO36810* 4) SO3311510R(L)* 8) SO35140790 11) 3xSG30300100 14) SO35140902	1) SO36810* 4) SO3311510R(L)* 8) SO35140790 11) 2xSG30300100 14) SO35140790	OUT OF LIMITS	OUT OF LIMITS	OUT OF LIMITS
H = 701 - 1200	OUT OF LIMITS	OUT OF LIMITS	1) SO36810* 4) SO3311510R(L)* 8) SO35140790 11) SG30300100 14) SO35140902	1) SO36810* 4) SO3311510R(L)* 8) SO35140790 14) SO35140902	1) SO36810* 4) SO3311510R(L)* 8) SO35140790 9) SO3081035* 14) SO35140902	1) SO36810* 4) SO3311610R(L)* 8) SO35140790 9) SO3081035* 15) SO35140903	1) SO36810* 4) SO3311610R(L)* 8) SO35140790 9) SO3081035* 15) SO35140903
H = 1201 - 1800	OUT OF LIMITS	OUT OF LIMITS	1) SO36810* 4) SO3311510R(L)* 5) SO3034030 8) SO35140790 11) SG30300100 14) SO35140902	1) SO36810* 4) SO3311510R(L)* 5) SO3034030 8) SO35140790 14) SO35140902	1) SO36810* 4) SO3311510R(L)* 5) SO3034030 8) SO35140790 9) SO3081035* 14) SO35140902	1) SO36810* 4) SO3311610R(L)* 5) SO3034030 8) SO35140790 9) SO3081035* 15) SO35140903	1) SO36810* 4) SO3311610R(L)* 5) SO3034030 8) SO35140790 9) SO3081035* 15) SO35140903
H = 1801 - 2400	OUT OF LIMITS	OUT OF LIMITS	1) SO36810* 4) SO3311510R(L)* 5) SO3034030 8) SO35140790 10) SO3081031* 11) SG30300100 14) SO35140902	1) SO36810* 4) SO3311510R(L)* 5) SO3034030 8) SO35140790 10) SO3081031* 14) SO35140902	1) SO36810* 4) SO3311510R(L)* 5) SO3034030 8) SO35140790 9) SO3081035* 10) SO3081031* 15) SO35140903	1) SO36810* 4) SO3311610R(L)* 5) SO3034030 8) SO35140790 9) SO3081035* 10) SO3081031* 15) SO35140903	1) SO36810* 4) SO3311610R(L)* 5) SO3034030 8) SO35140790 9) SO3081035* 10) SO3081031* 15) SO35140903

ITEMS 1 REFER TO BASE SET SO36810
PARTS ARE SILVER FINISH, REFER ALSO TO CHRONO SOLVER PRINT OUTS.

SO31300659S...
Or
SO31000673S...
Or
SO31000670S...
+
SO3546
SEE PAGE PUR_e.C.204
FOR HANDLE DETAILS

Inside View Right hand

Inside View Left hand

VENT WIDTH MUST NOT EXCEED 1.0 x VENT HEIGHT.

HANDLE HEIGHT: A = MIN H/3, MAX 2H/3.

IMPORTANT NOTE:
INVISION SECURITY GEARING PARTS DENOTED * ARE NOT STOCKED BY SAS.
CHECK WITH SALES FOR AVAILABILITY FROM THE SUPPLIER.

SO36810 Base Set: Security

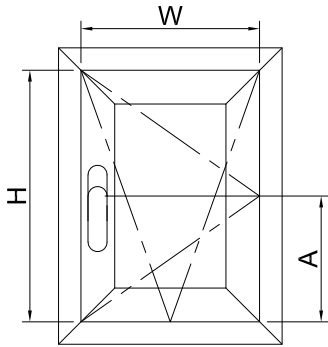
QTY	Supplier Code	Description
1	30000-530	clips
2	30000-690	handle screw
1	30140-610	frame run on wedge
1	30300-105P	mushroom head bolt
1	30300-150	rod
2	30300-150B	rod
1	30300-500	corner transmission
1	30300-515	corner transmission
1	30300-700-1	connection piece
2	30300-700-2	fixing piece
1	30310-631-2	clamping plate
4	30310-841-1	wedge
1	30340-630-1L	protection piece left
1	30340-630-1R	protection piece right
2	30340-631-1	anti-lift piece
1	31000-600	vent run on rest
1	31300-620	bolt
1	31140-810	tilt wedge
1	31340-820	bolt wedge
2	M5x12Din965	screw
16	S14.2x16Din7504P	drilling screw
6	S14.2x25Din7504P	drilling screw

PURe.E.223

06.18

PURe Tilt Turn - Open In

INVISION - Tilt Turn Rods Up To 170Kgs Max.

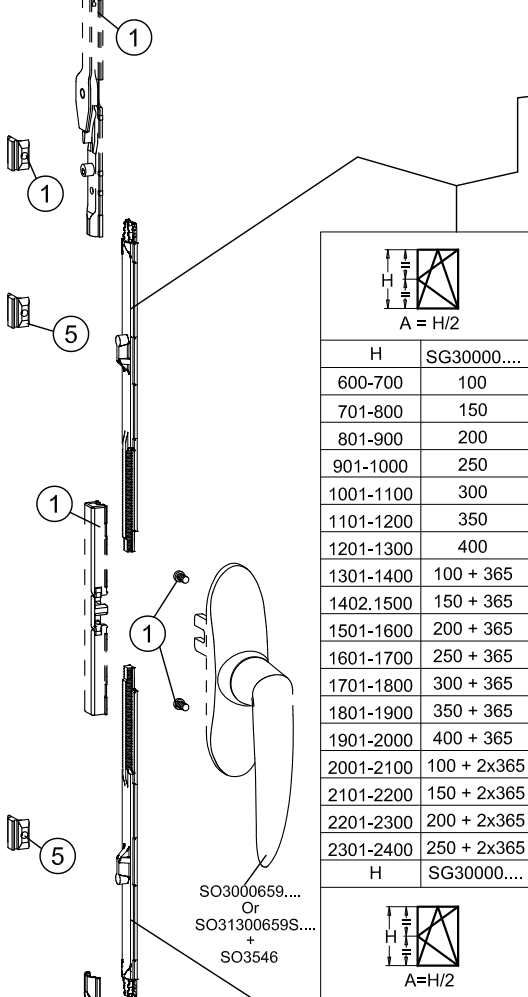
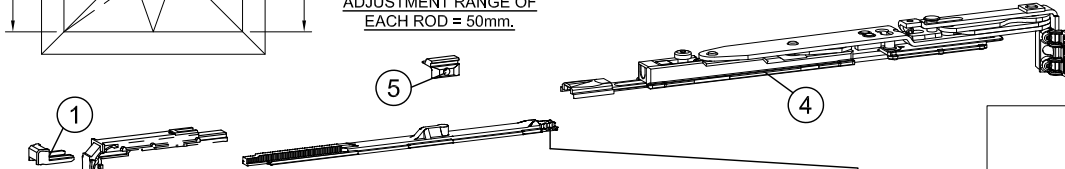
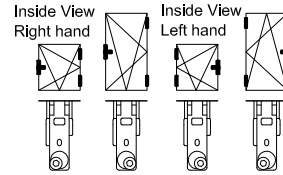


IF $W \leq 670\text{mm}$
MAX VENT WEIGHT = 130Kgs.
VENT WIDTH MUST NOT
EXCEED $1.5 \times \text{VENT HEIGHT}$.

IF $W \geq 670\text{mm}$
MAX VENT WEIGHT = 170Kgs.
VENT WIDTH MUST NOT
EXCEED $1.0 \times \text{VENT HEIGHT}$.

HANDLE HEIGHT $A =$
MIN $H/3$, MAX $2H/3$.

ADJUSTMENT RANGE OF
EACH ROD = 50mm.

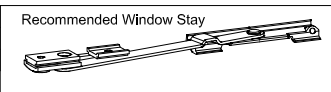


A Is Not H/2	
H-A = B H-B = A	SG30000....
300-350	100
351-400	150
401-450	200
451-500	250
501-550	300
551-600	350
601-650	400
651-700	100 + 365
701-750	150 + 365
751-800	200 + 365
801-850	250 + 365
851-900	300 + 365
901-950	350 + 365
951-1000	400 + 365
1001-1050	100 + 2x365
1051-1100	150 + 2x365
1101-1150	200 + 2x365
1151-1200	250 + 2x365
1201-1250	300 + 2x365
1251-1300	350 + 2x365
1301-1350	400 + 2x365
1351-1400	100 + 3x365
1401-1450	150 + 3x365
1451-1500	200 + 3x365
1501-1550	250 + 3x365
1551-1600	300 + 3x365
H-A = B H-B = A	SG30000....
300-350	100
351-400	150
401-450	200
451-500	250
501-550	300
551-600	350
601-650	400
651-700	100 + 365
701-750	150 + 365
751-800	200 + 365
801-850	250 + 365
851-900	300 + 365
901-950	350 + 365
951-1000	400 + 365
1001-1050	100 + 2x365
1051-1100	150 + 2x365
1101-1150	200 + 2x365
1151-1200	250 + 2x365
1201-1250	300 + 2x365
1251-1300	350 + 2x365
1301-1350	400 + 2x365
1351-1400	100 + 3x365
1401-1450	150 + 3x365
1451-1500	200 + 3x365
1501-1550	250 + 3x365
1551-1600	300 + 3x365

W	SG30000....
460-510	100
511-560	150
561-610	200
611-660	250
661-670	300
671-720	100
721-770	150
771-820	200
821-870	250
871-920	300
921-970	350
971-1020	400
1021-1070	100 + 365
1071-1120	150 + 365
1121-1170	200 + 365
1171-1220	250 + 365
1221-1270	300 + 365
1271-1300	350 + 365
1301-1350	150 + 365
1351-1400	200 + 365
1401-1450	250 + 365
1451-1500	300 + 365
1502.1550	350 + 365
1551-1600	400 + 365
1601-1650	100 + 2x365
1651-1700	150 + 2x365

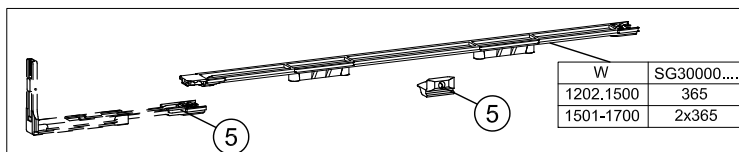
H	SG30000....
1202.1500	365
1501-1800	2x365
1801-2100	3x365
2101-2400	4x365
H > 1200	

W	SG30000....
501-600	SO35140901
601-1300	SO35140902
1301-1700	SO35140903

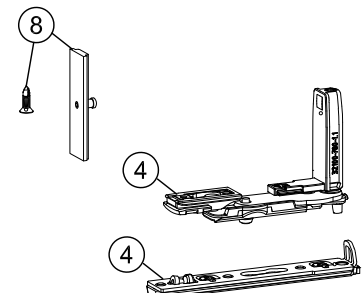


INVISION - Vent Weight 90Kgs Up To 130Kgs As Noted

INVISION - Vent Weight >130Kgs Up To 170Kgs As Noted



ITEMS 1 REFER TO BASE SET SO36110
ON PAGES PURe.E.216, E.218 & E.220.
REFER ALSO TO CHRONO SOLVER PRINT OUTS.



PUR_e Tilt Turn - Open In

PURe.E.224

INVISION Security - Tilt Turn Rods Up To 170Kgs Max.

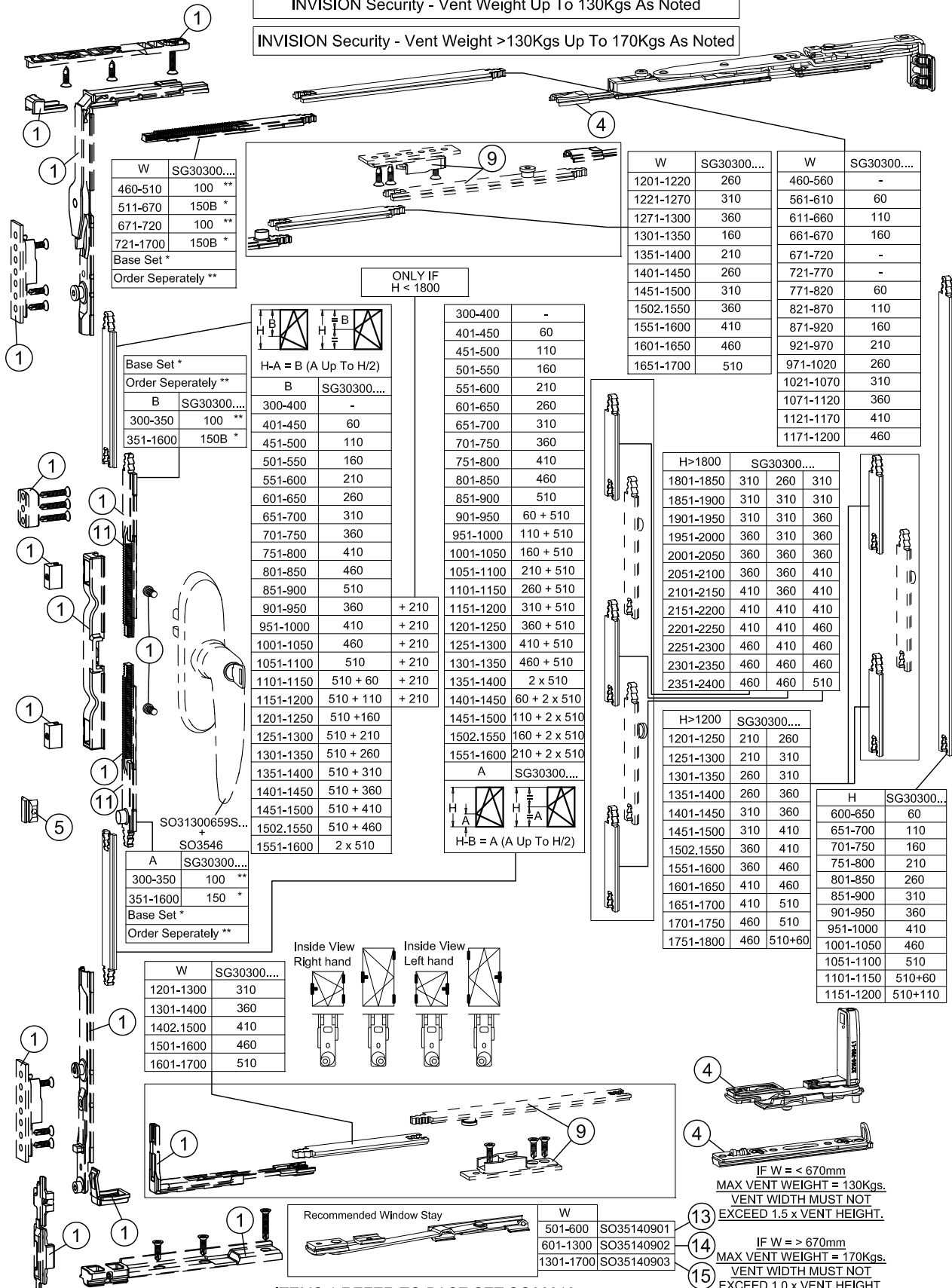
06.18

IMPORTANT NOTE:

ALL SECURITY RODS ON THIS PAGE ARE NOT STOCKED BY SAS.
CHECK WITH SALES FOR AVAILABILITY FROM THE SUPPLIER.

INVISION Security - Vent Weight Up To 130Kgs As Noted

INVISION Security - Vent Weight >130Kgs Up To 170Kgs As Noted



ITEMS 1 REFER TO BASE SET SO36810
ON PAGE PRe.E.217, E.219 & E.221.
REFER ALSO TO CHRONO SOLVER PRINT OUTS.

HANDLE HEIGHT A =
MIN H/3, MAX 2H/3.

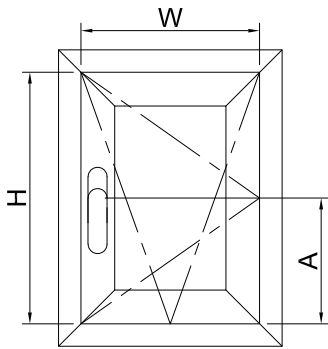
ADJUSTMENT RANGE OF
EACH ROD = 50mm.

PURe.E.225

06.18

PURe Tilt Turn - Open In

INVISION - Tilt Turn Rods Up To 170Kgs Max.



IF $W \leq 670\text{mm}$
MAX VENT WEIGHT = 130Kgs.
VENT WIDTH MUST NOT
EXCEED $1.5 \times \text{VENT HEIGHT}$.

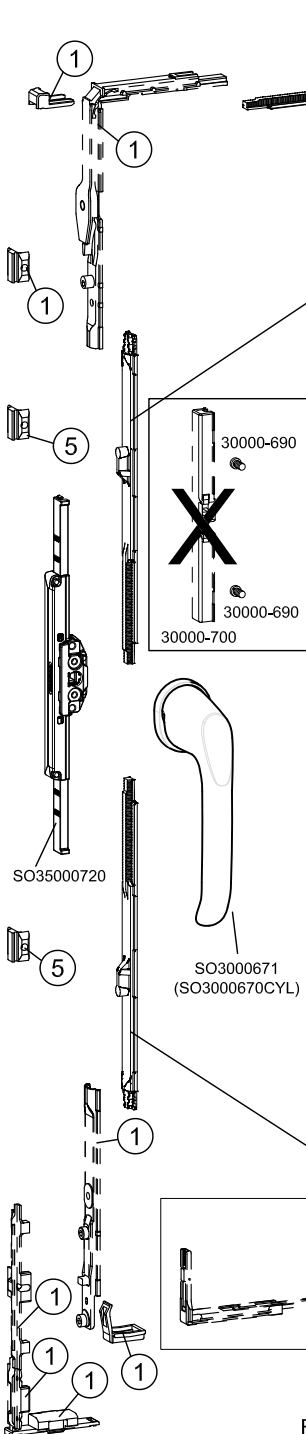
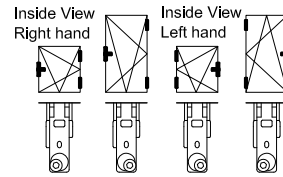
IF $W > 670\text{mm}$
MAX VENT WEIGHT = 170Kgs.
VENT WIDTH MUST NOT
EXCEED $1.0 \times \text{VENT HEIGHT}$.

HANDLE HEIGHT $A =$
MIN $H/3$, MAX $2H/3$.

ADJUSTMENT RANGE OF
EACH ROD = 50mm.

SO30000671/SO30000670CYL
Handles Can Only Be Used In
Conjunction With SO35000720
Gearbox.

Standard Base Set SO36110
To Be Used By Replacing
30000-700 And 30000-690
With SO35000720 Gearbox.



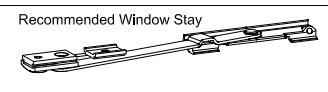
H	SG30000....
685-784	100
785-884	150
885-984	200
985-1840	250
1085-1184	300
1185-1284	350
1285-1384	400
1385-1484	100 + 365
1485-1584	150 + 365
1585-1684	200 + 365
1685-1784	250 + 365
1785-1884	300 + 365
1885-1984	350 + 365
1985-2840	400 + 365
2085-2184	100 + 2x365
2185-2284	150 + 2x365
2285-2384	200 + 2x365
2385-2400	250 + 2x365

H	SG30000....
343-392	100
393-442	150
443-492	200
493-542	250
543-592	300
593-642	350
643-692	400
693-742	100 + 365
743-792	150 + 365
793-842	200 + 365
843-892	250 + 365
893-942	300 + 365
943-992	350 + 365
993-1420	400 + 365
1421-1092	100 + 2x365
1093-1142	150 + 2x365
1143-1192	200 + 2x365
1193-1242	250 + 2x365
1243-1292	300 + 2x365
1293-1342	350 + 2x365
1343-1392	400 + 2x365
1393-1442	100 + 3x365
1443-1492	150 + 3x365
1493-1542	200 + 3x365
1543-1592	250 + 3x365
1593-1642	300 + 3x365

W	SG30000....
460-510	100
511-560	150
561-610	200
611-660	250
661-670	300
671-720	100
721-770	150
771-820	200
821-870	250
871-920	300
921-970	350
971-1020	400
1021-1070	100 + 365
1071-1120	150 + 365
1121-1170	200 + 365
1171-1220	250 + 365
1221-1270	300 + 365
1271-1300	350 + 365
1301-1350	150 + 365
1351-1400	200 + 365
1401-1450	250 + 365
1451-1500	300 + 365
1502.1550	350 + 365
1551-1600	400 + 365
1601-1650	100 + 2x365
1651-1700	150 + 2x365

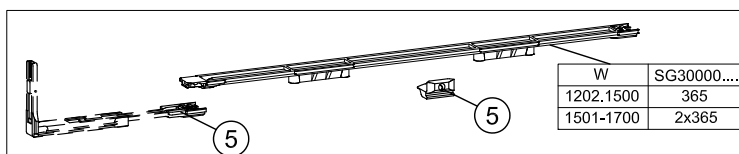
H	SG30000....
1202.1500	365
1501-1800	2x365
1801-2100	3x365
2101-2400	4x365

W	SG30000....
501-600	SO35140901
601-1300	SO35140902
1301-1700	SO35140903

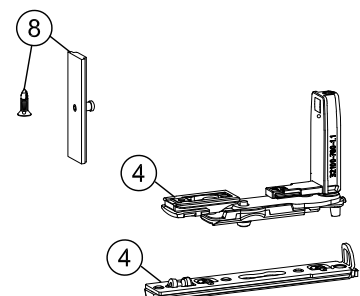


INVISION - Vent Weight 90Kgs Up To 130Kgs As Noted

INVISION - Vent Weight >130Kgs Up To 170Kgs As Noted



ITEMS 1 REFER TO BASE SET SO36110
ON PAGES PURe.E.216, E.218 & E.220.
REFER ALSO TO CHRONO SOLVER PRINT OUTS.



PUR_e Tilt Turn - Open In

PUR_e.E.226

INVISION Security - Tilt Turn Rods Up To 170Kgs Max.

06.18

SO30000671/SO30000670CYL

Handles Can Only Be Used In Conjunction With
SO35300720 Gearbox.

Standard Base Set SO36810 To Be Used By Replacing
30300-700-1, 30300-700-2 And 30000-690 With
SO35300720 Gearbox.

W **SG30300....**

460-510	100 **
511-670	150B *
671-720	100 **
721-1700	150B *
Base Set *	
Order Separately **	

Base Set *
Order Separately **

B	SG30300....
300-350	100 **
351-1600	150B *

ONLY IF H < 1800

H-A = B (A Up To H/2)

B	SG30300....
343-442	-
443-492	60
493-542	110
543-592	160
593-642	210
643-692	260
693-742	310
743-792	360
793-842	410
843-892	460
893-942	510
943-992	560 + 210
993-1042	610 + 210
1043-1092	660 + 210
1093-1142	710 + 210
1143-1192	760 + 210
1193-1242	810 + 110
1243-1292	860 + 160
1293-1342	910 + 210
1343-1392	960 + 260
1393-1442	1010 + 310
1443-1492	1060 + 360
1493-1542	1110 + 410
1543-1592	1160 + 460
1593-1600	2 x 510

H > 1800

H > 1800	SG30300....
1801-1850	310 260 310
1851-1900	310 310 310
1901-1950	310 310 360
1951-2000	360 310 360
2001-2050	360 360 360
2051-2100	360 360 410
2101-2150	410 360 410
2151-2200	410 410 410
2201-2250	410 410 460
2251-2300	460 410 460
2301-2350	460 460 460
2351-2400	460 460 510

H > 1200

H > 1200	SG30300....
1201-1250	210 260
1251-1300	210 310
1301-1350	260 310
1351-1400	260 360
1401-1450	310 360
1451-1500	310 410
1502.1550	360 410
1551-1600	360 460
1601-1650	410 460
1651-1700	410 510
1701-1750	460 510
1751-1800	460 510+60

H **SG30300....**

600-650	60
651-700	110
701-750	160
751-800	210
801-850	260
851-900	310
901-950	360
951-1000	410
1001-1050	460
1051-1100	510
1101-1150	510+60
1151-1200	510+110

IMPORTANT NOTE:
ALL SECURITY RODS ON THIS PAGE ARE
NOT STOCKED BY SAS.
CHECK WITH SALES FOR AVAILABILITY
FROM THE SUPPLIER.

IF W < 670mm
MAX VENT WEIGHT = 130Kgs.
VENT WIDTH MUST NOT
EXCEED 1.5 x VENT HEIGHT.

IF W ≥ 670mm
MAX VENT WEIGHT = 170Kgs.
VENT WIDTH MUST NOT
EXCEED 1.0 x VENT HEIGHT.

RECOMMENDED WINDOW STAY

W	SG30300....
501-600	SO35140901
601-1300	SO35140902
1301-1700	SO35140903

**ITEMS 1 REFER TO BASE SET SO36810
ON PAGE PUR_e.E.217, E.219 & E.221.
REFER ALSO TO CHRONO SOLVER PRINT OUTS.**

INVISION Security - Vent Weight Up To 130Kgs As Noted

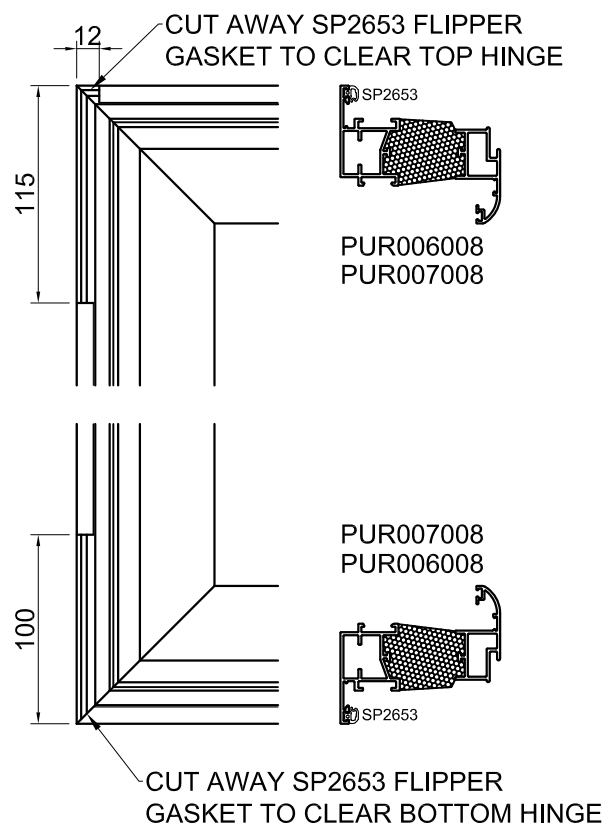
INVISION Security - Vent Weight >130Kgs Up To 170Kgs As Noted

**HANDLE HEIGHT A =
MIN H/3, MAX 2H/3.**

**ADJUSTMENT RANGE OF
EACH ROD = 50mm.**

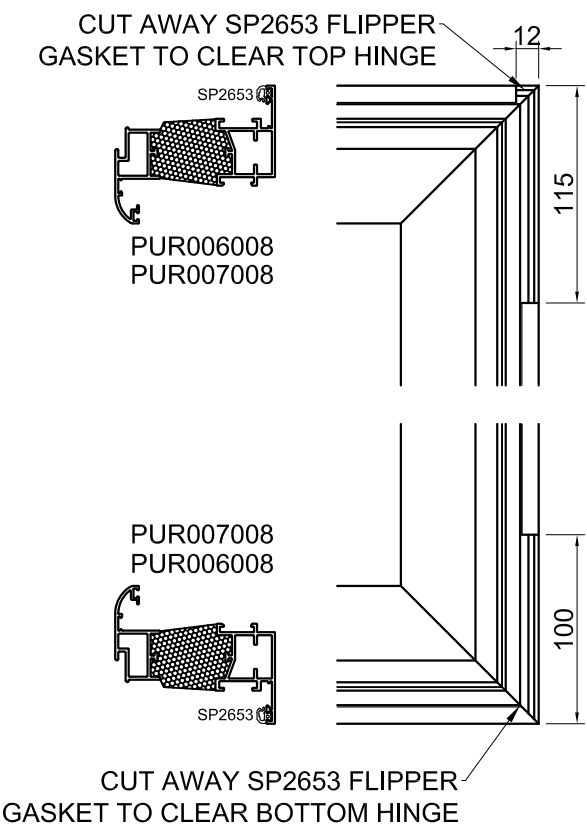
PURe Tilt Turn - Open In

CHRONO - Vent Prep For Tilt Turn Hinges



VENT VIEWED FROM OUTSIDE

NOTE:
USING CHRONO CONVENTION
RIGHT HAND HINGED VIEWED
FROM INSIDE



VENT VIEWED FROM OUTSIDE

NOTE:
USING CHRONO CONVENTION
LEFT HAND HINGED VIEWED
FROM INSIDE

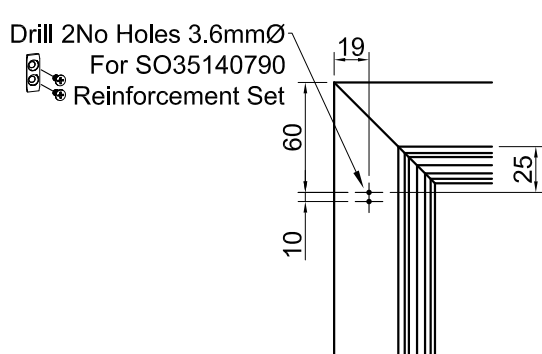
PUR_e Tilt Turn - Open In

PUR_e.E.228

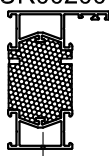
CHRONO - Frame Prep For SO35140790 Reinforcement Set

05.19

Necessary For Vent Weights Over 90Kgs And
Vent Width Exceeding 1400mm

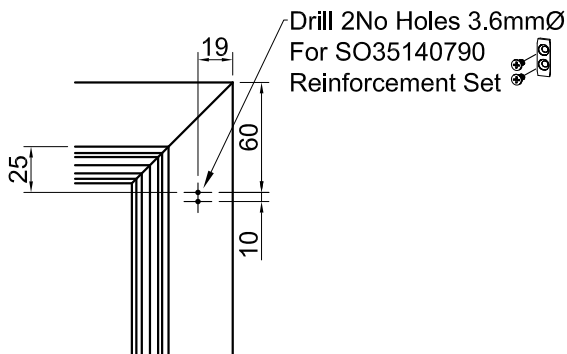


PUR002001G
PUR002001GG

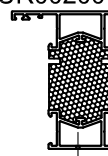


FRAME VIEWED FROM INSIDE

NOTE:
USING CHRONO CONVENTION
LEFT HAND HINGED VIEWED
FROM INSIDE



PUR002001G
PUR002001GG

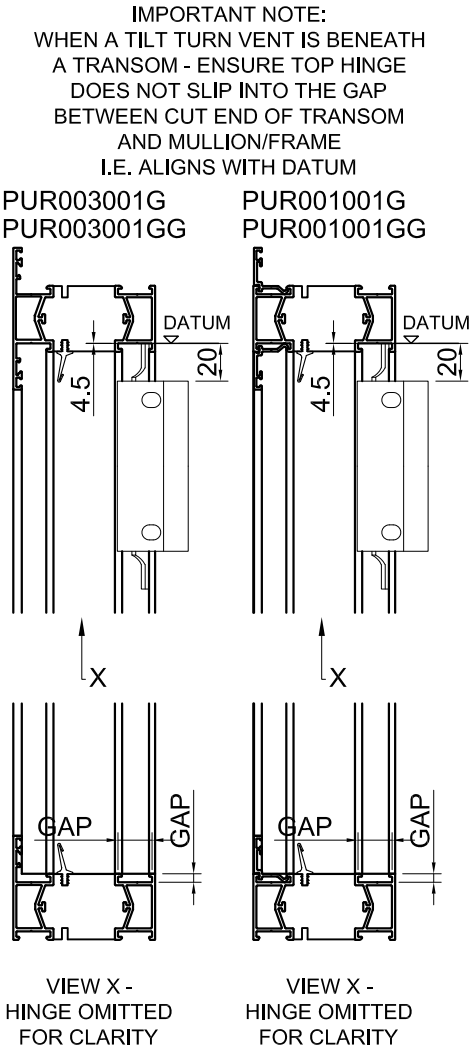
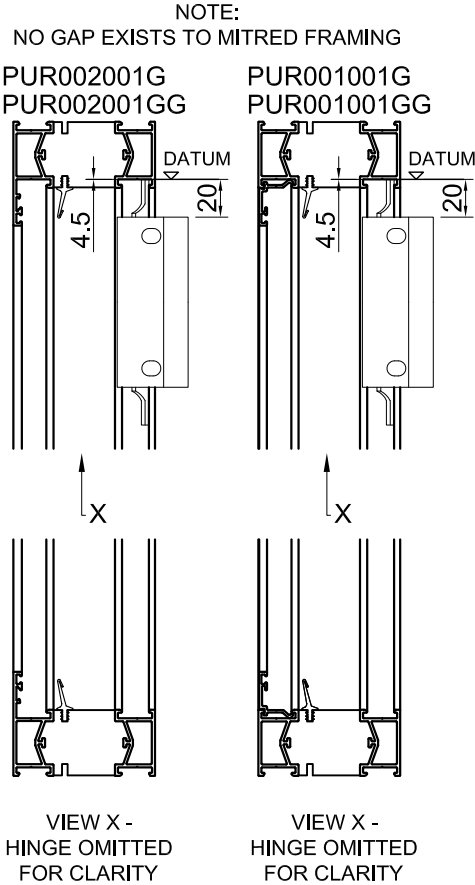


FRAME VIEWED FROM INSIDE

NOTE:
USING CHRONO CONVENTION
RIGHT HAND HINGED VIEWED
FROM INSIDE

PURe Tilt Turn - Open In

CHRONO - Top Hinge Positioning

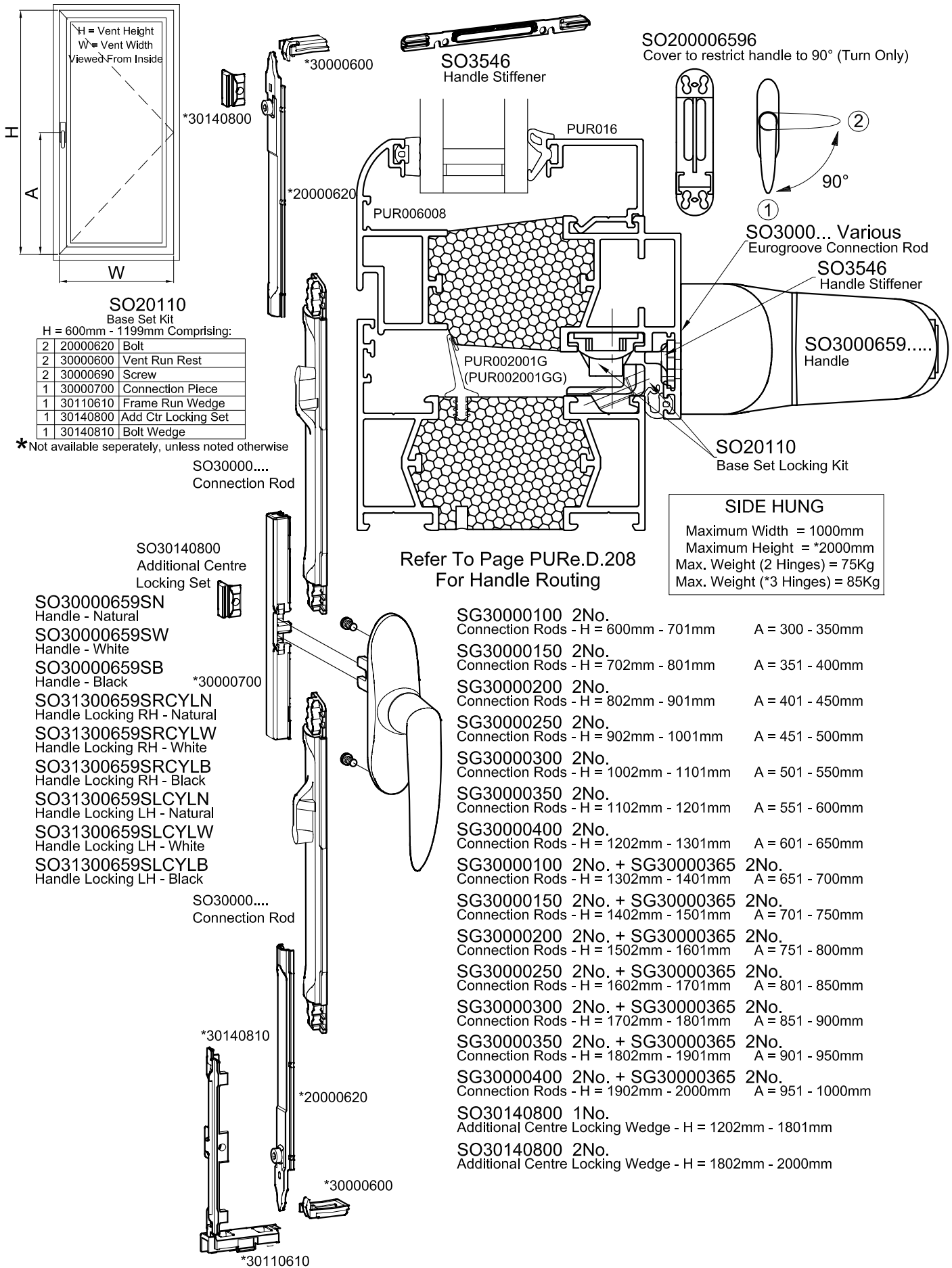


PUR_e Tilt Turn - Open In

PURe.E.230

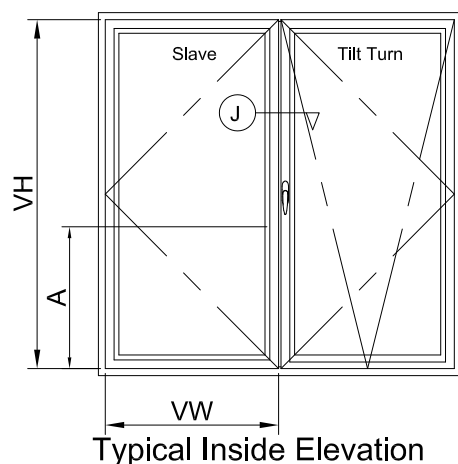
CHRONO - Multi-Point Locking - Butt Hinged Single Side Hung

06.18



PUR_e Tilt Turn - Open In

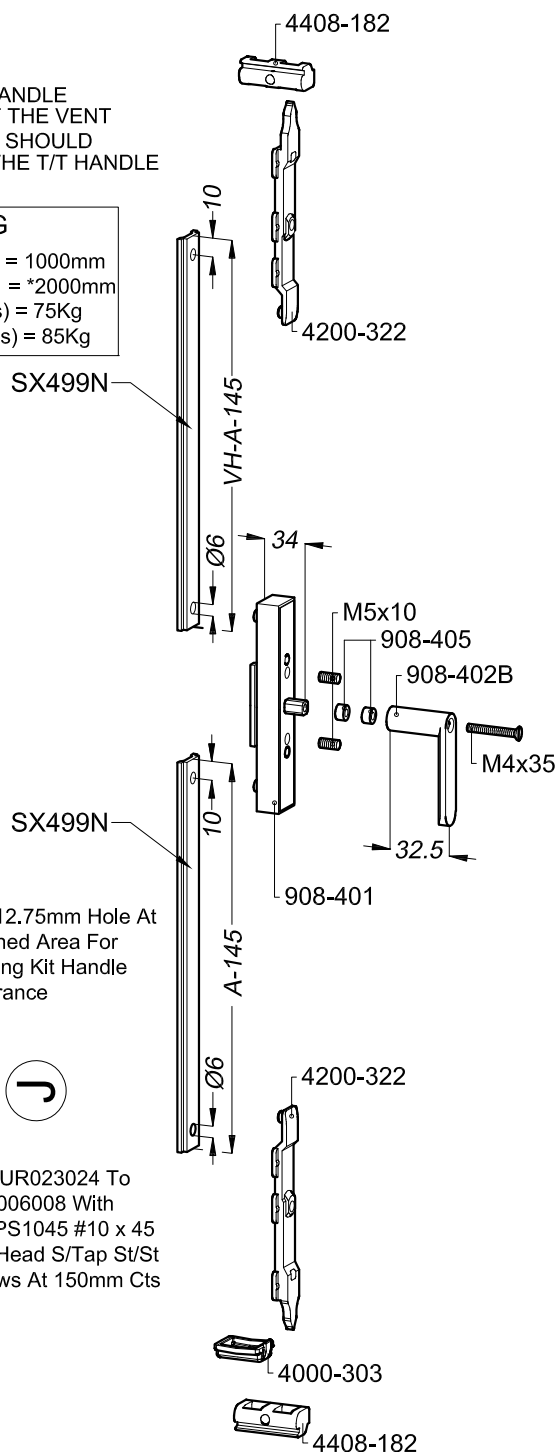
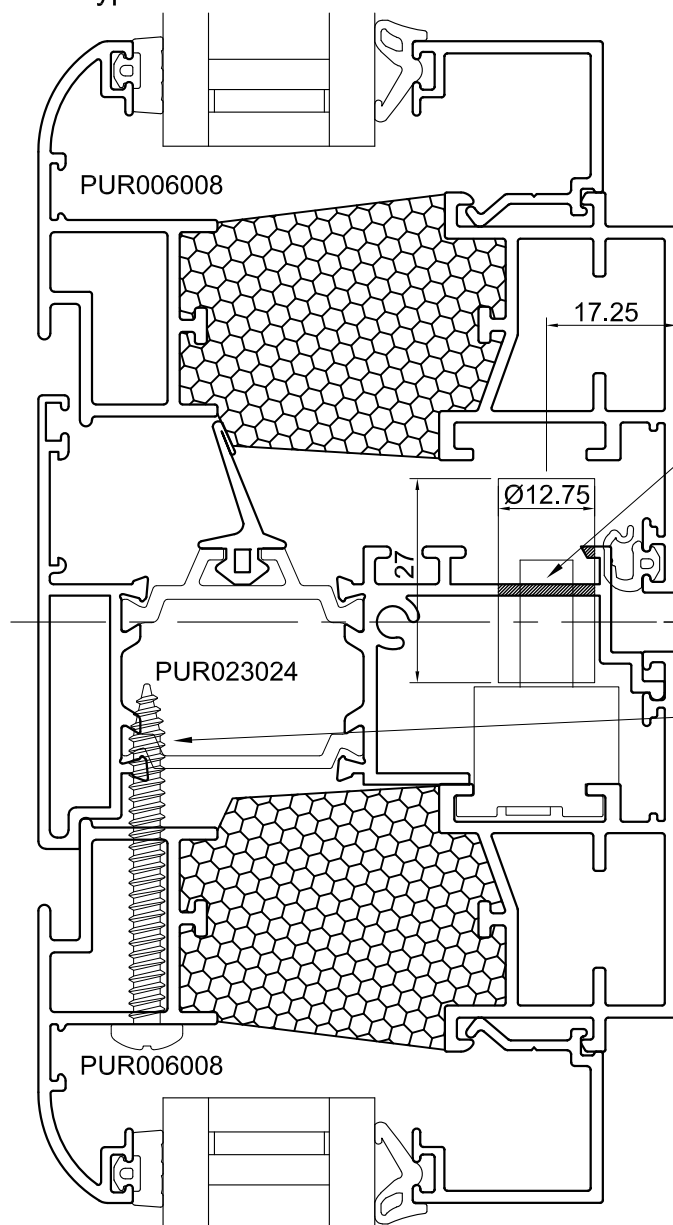
CHRONO French Window Locking - Butt Hinged (Slave)



VH = VENT HEIGHT
A = CENTRE OF 908-402B HANDLE
FROM THE BOTTOM OF THE VENT
N.B. THE LOCKING HANDLE SHOULD
NOT BE IN LINE WITH THE T/T HANDLE

SIDE HUNG

Maximum Width (VW) = 1000mm
Maximum Height (VH) = *2000mm
Max. Weight (2 Hinges) = 75Kg
Max. Weight (*3 Hinges) = 85Kg



SO4408B - Locking Kit

1	908-401	lock	zinc alloy
1	908-402B	handle	zinc alloy
2	908-405	washer	steel zinc plated
2	4200-322	bolt	zinc alloy
2	M5x10	screw	stainless steel
1	M4x35	screw	stainless steel
1	4000-303	run on rest	plastic
2	4408-182	wedge	zinc alloy

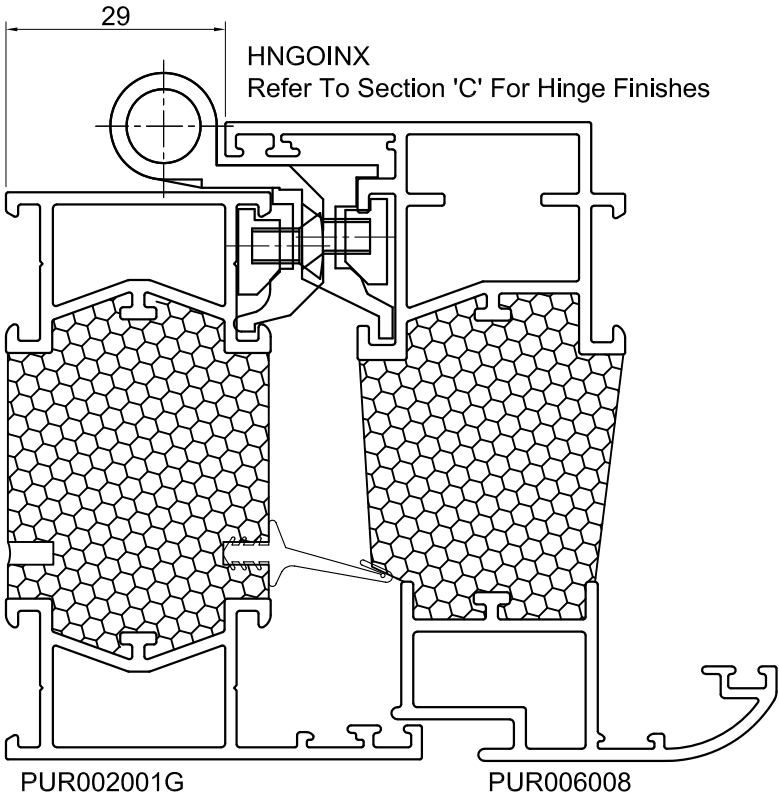
NOTE: This gear is not available handed.

PUR_e Tilt Turn - Open In

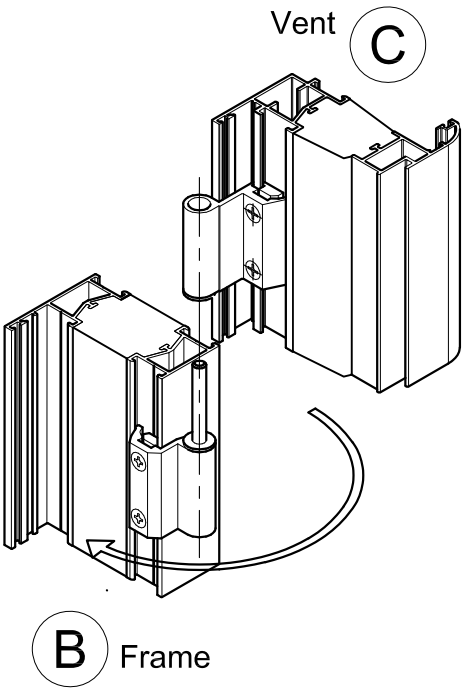
PUR_e.E.232

Open In Vents - Clamp On Butt Hinge

06.18



A Open In Vent



SIDE HUNG

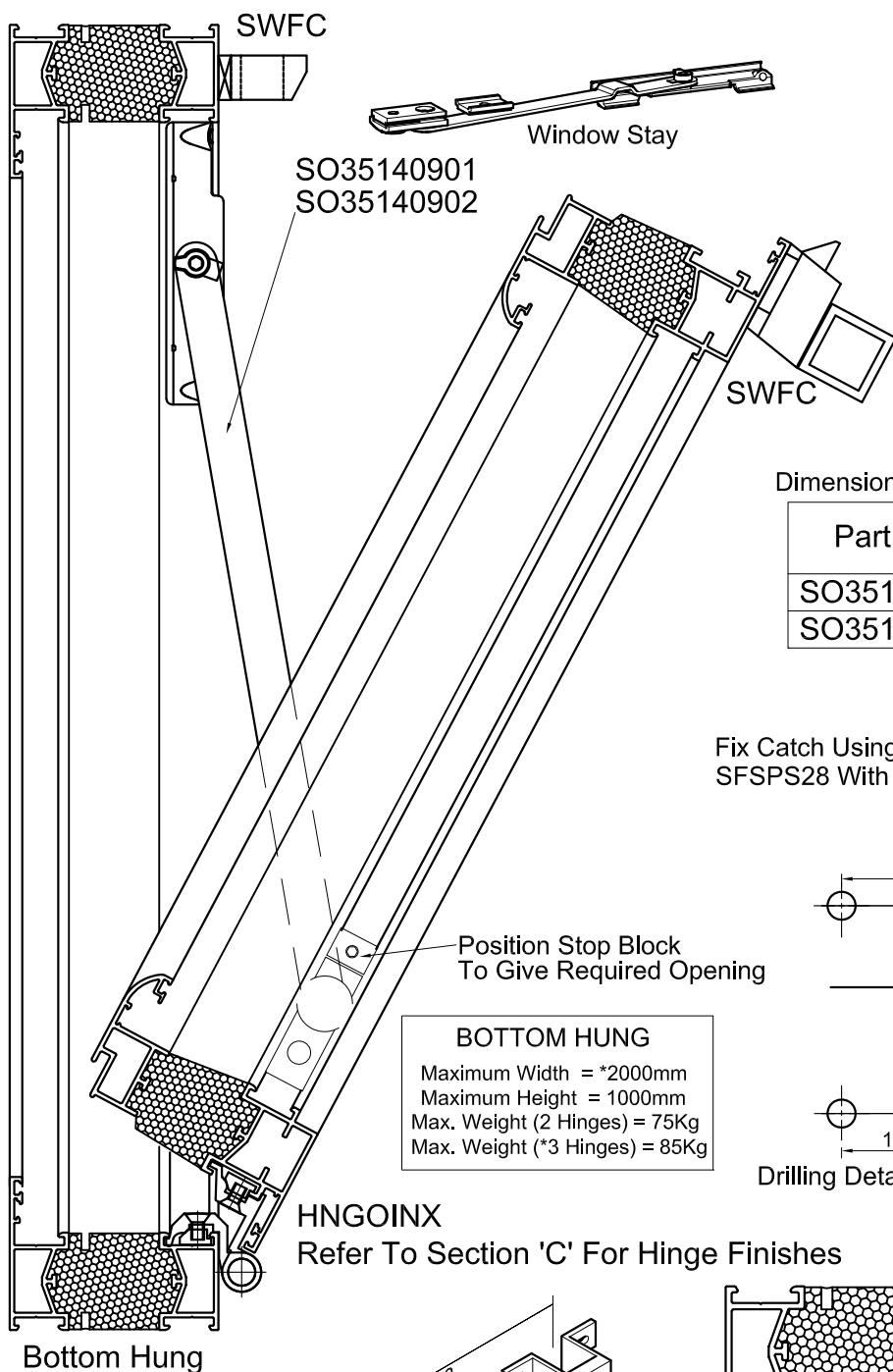
Maximum Width = 1000mm
Maximum Height = *2000mm
Max. Weight (2 Hinges) = 75Kg
Max. Weight (*3 Hinges) = 85Kg

BOTTOM HUNG

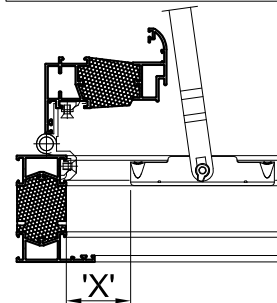
See page PUR_e.E.206

PUR_e Tilt Turn - Open In

Window Stay SO3514090X And SWFC Finger Catch



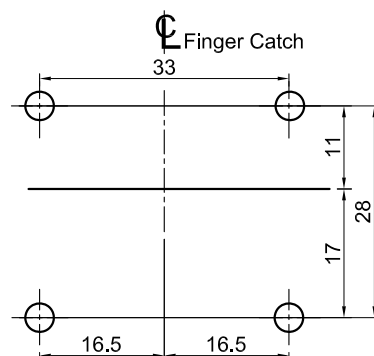
SIDE HUNG
Maximum Width = 1000mm
Maximum Height = *2000mm
Max. Weight (2 Hinges) = 75Kg
Max. Weight (*3 Hinges) = 85Kg



SIDE HUNG
Dimension 'X' To Limit Opening Angle To 90°

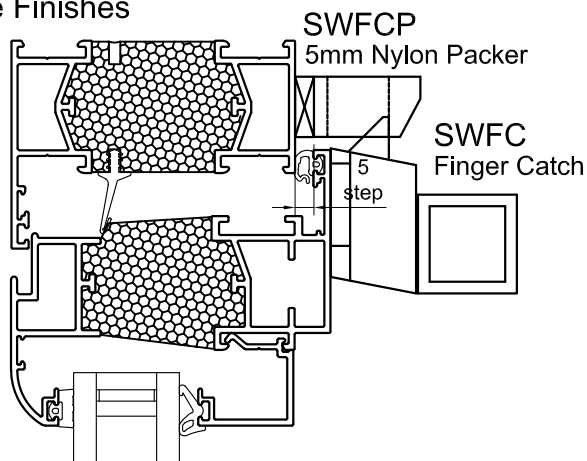
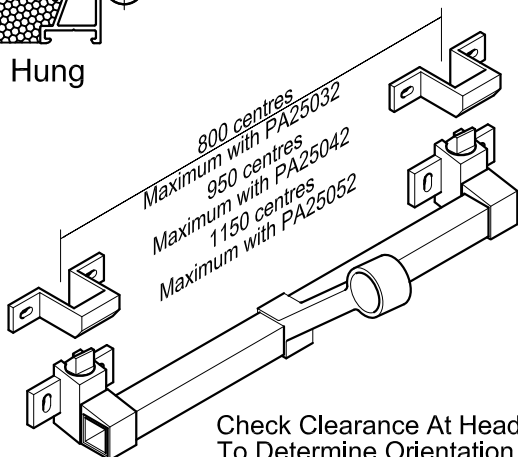
Part No.	Vent Width mm	'X' mm
SO35140901	500-650	35
SO35140902	651-1000	45

Fix Catch Using #8x12Lg P/Hd S/Tapping Screws
SFSPS28 With Ground Off Tip On Vent Fixings



Drilling Details For SWFC Finger Catch

BOTTOM HUNG
Maximum Width = *2000mm
Maximum Height = 1000mm
Max. Weight (2 Hinges) = 75Kg
Max. Weight (*3 Hinges) = 85Kg



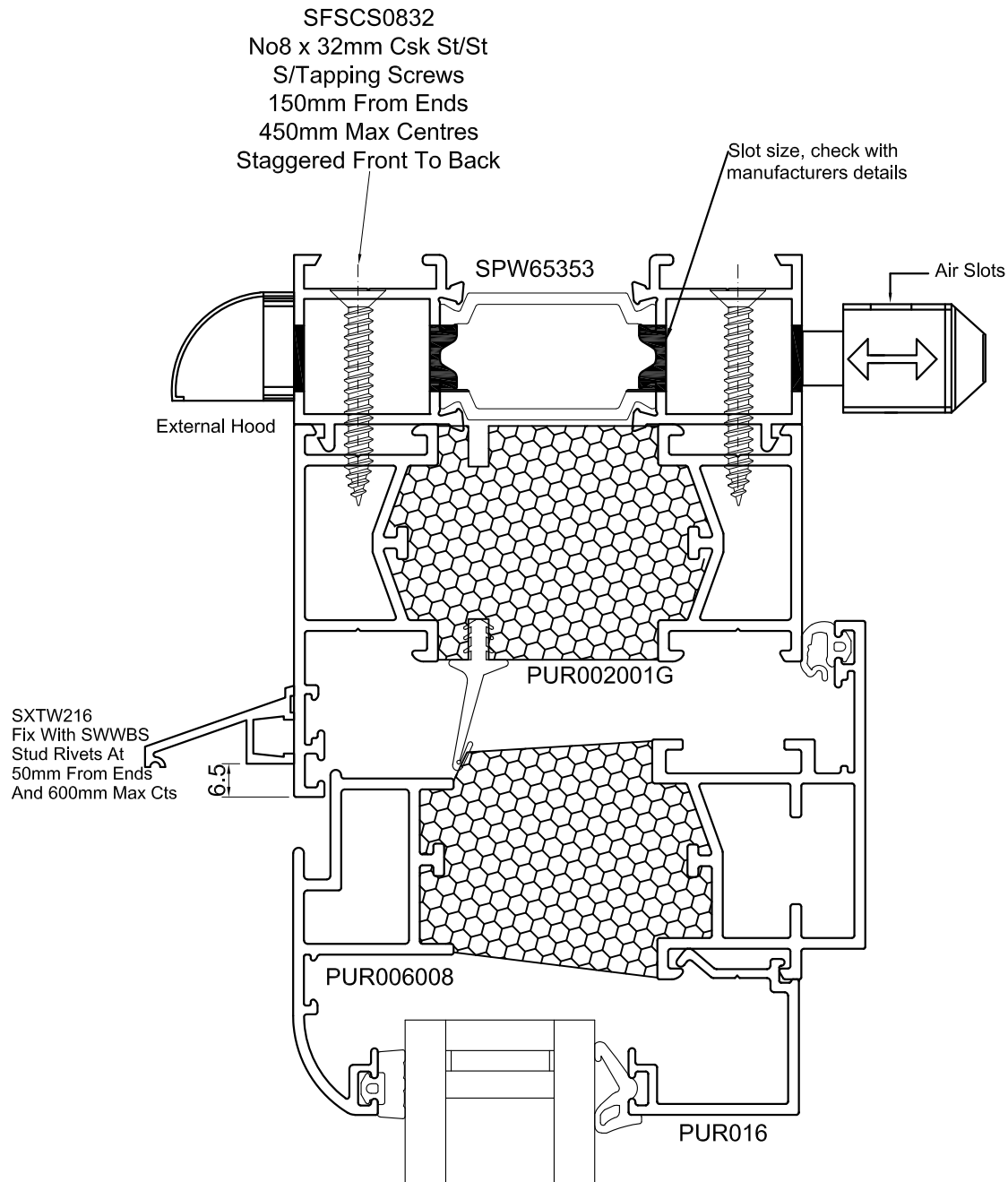
PUR_e Tilt Turn - Open In

PUR_e.E.234

Slotted Trickle Vent - Head/25mm Add-On

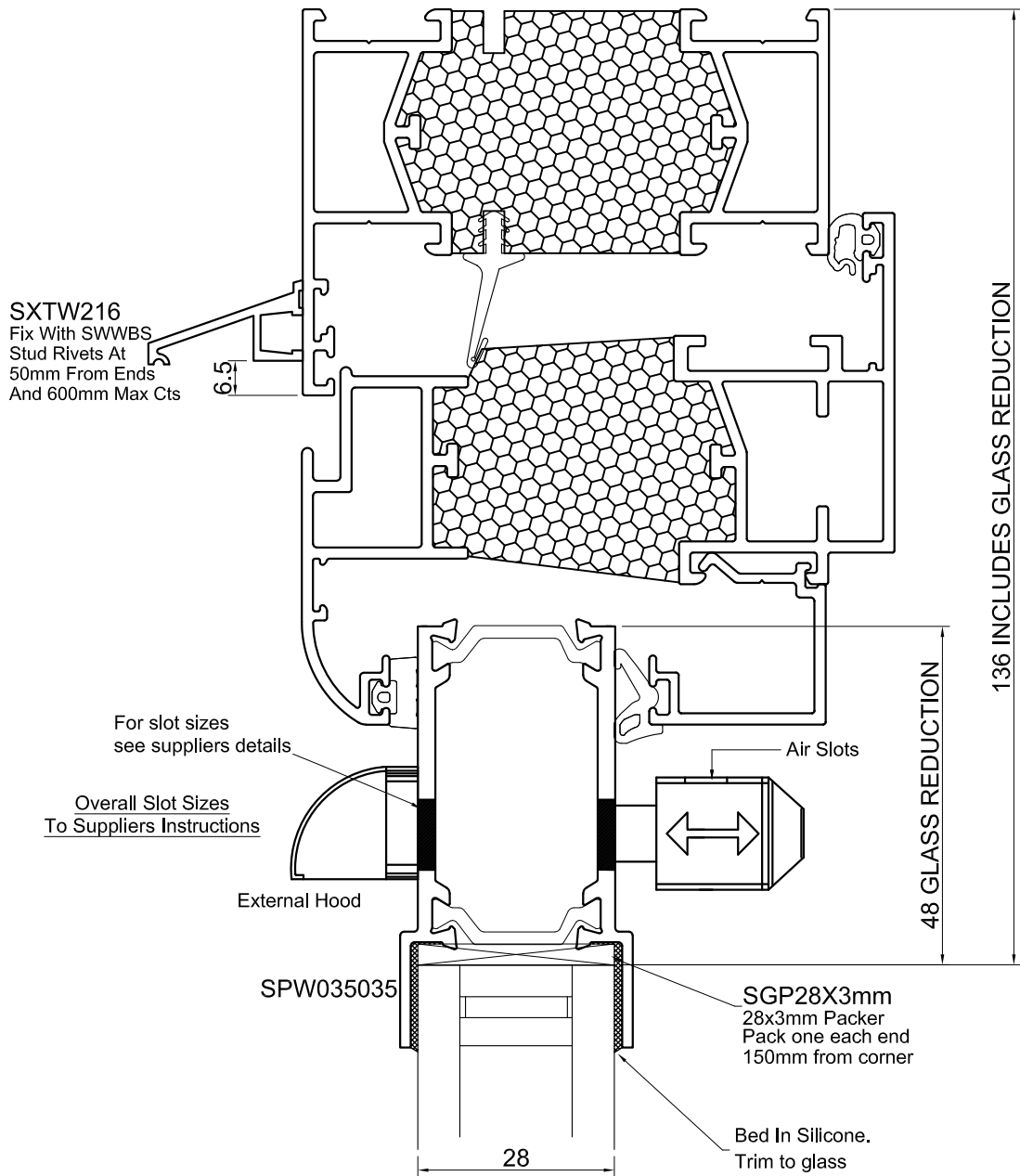
06.18

NOTE:-Seal All Metal To Metal Joints With Low Modulus Silicone



PUR_e Tilt Turn - Open In

28mm Over Glass Slotted Trickle Vent Carrier



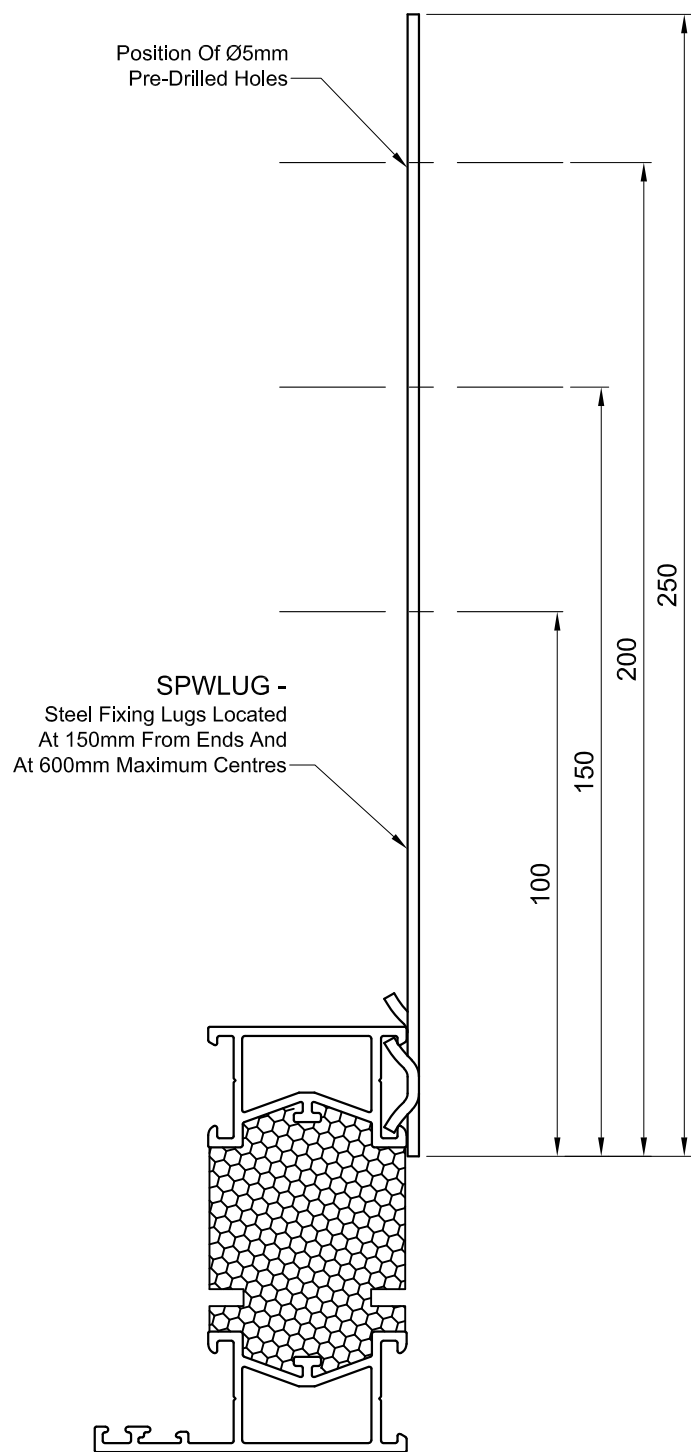
Typical Detail 28mm Glazing Only

PURe Tilt Turn - Open In

Frame Fixing

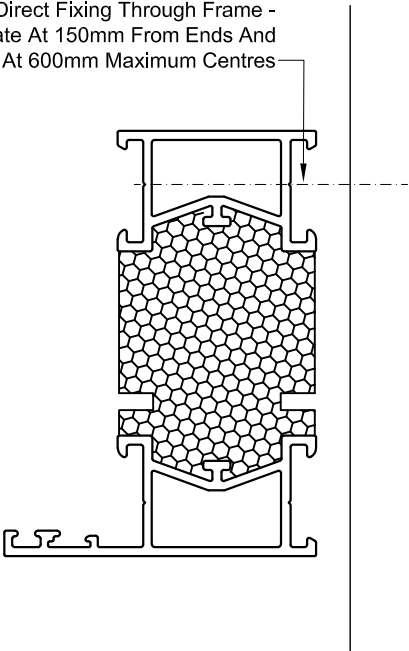
PURe.E.236

06.18

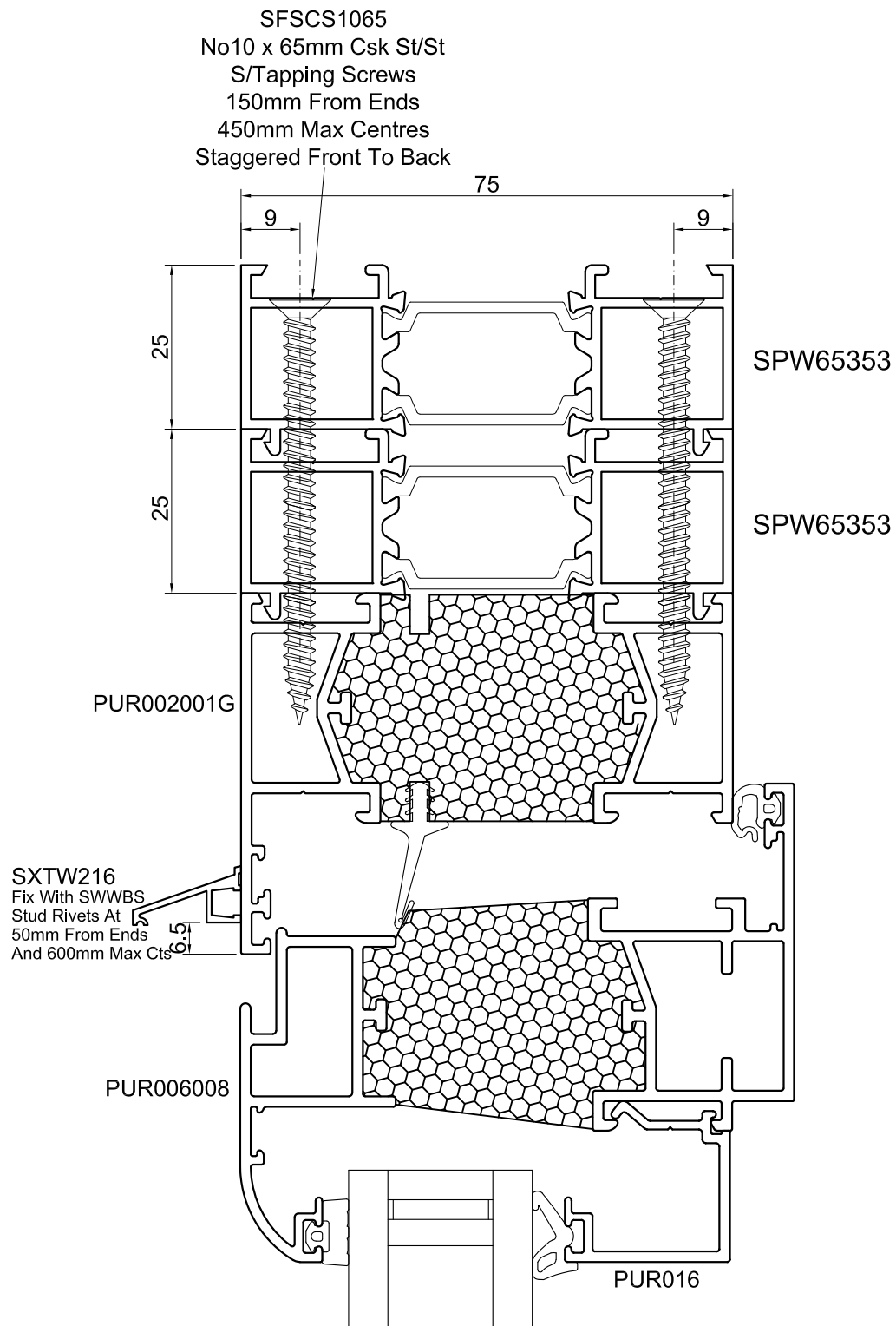


DO NOT FIX
THROUGH THERMAL
BREAK

If Direct Fixing Through Frame -
Locate At 150mm From Ends And
At 600mm Maximum Centres



NOTE:- Seal All Metal To Metal Joints With Low Modulus Silicone



PUR_e Tilt Turn - Open In

PUR_e.E.238

T & H Couplers

06.18

NOTE:- Seal All Metal To Metal Joints With Low Modulus Silicone

SFSCS850

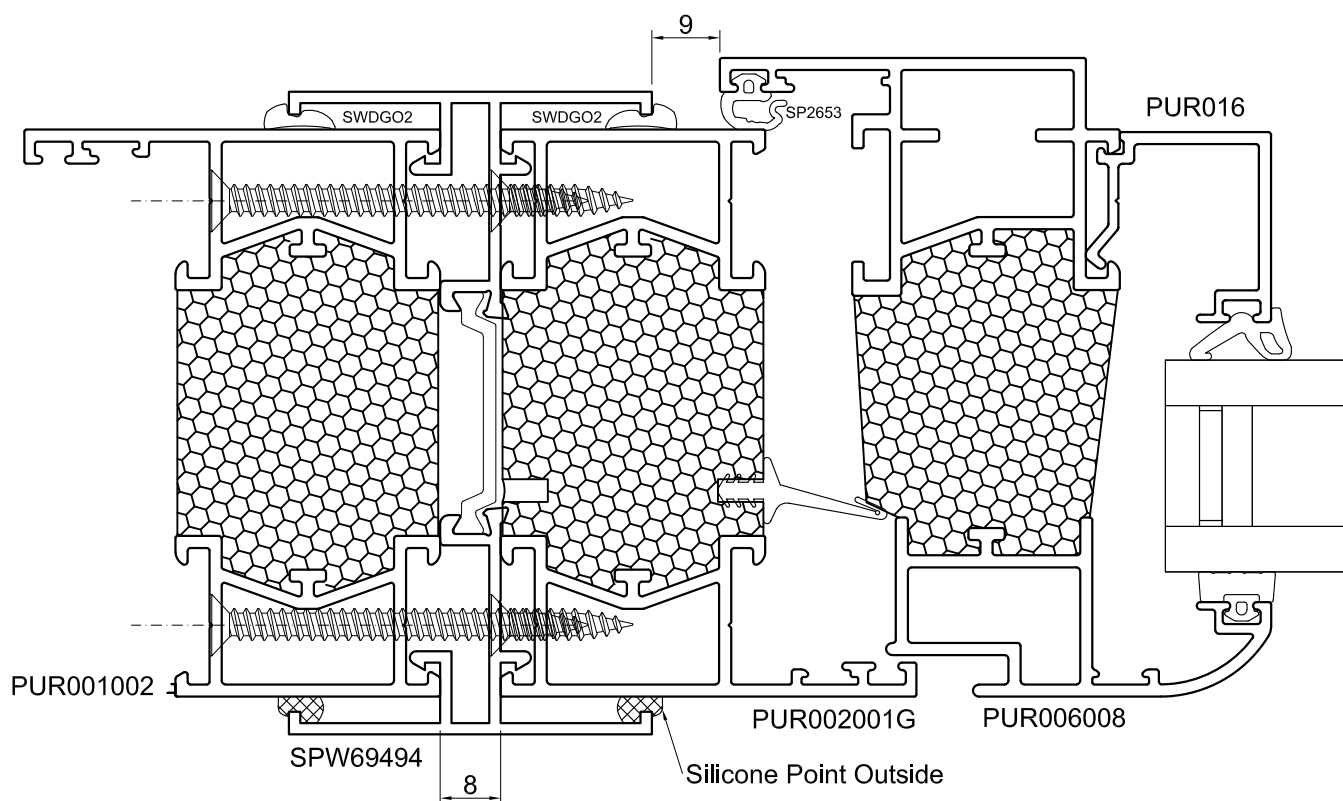
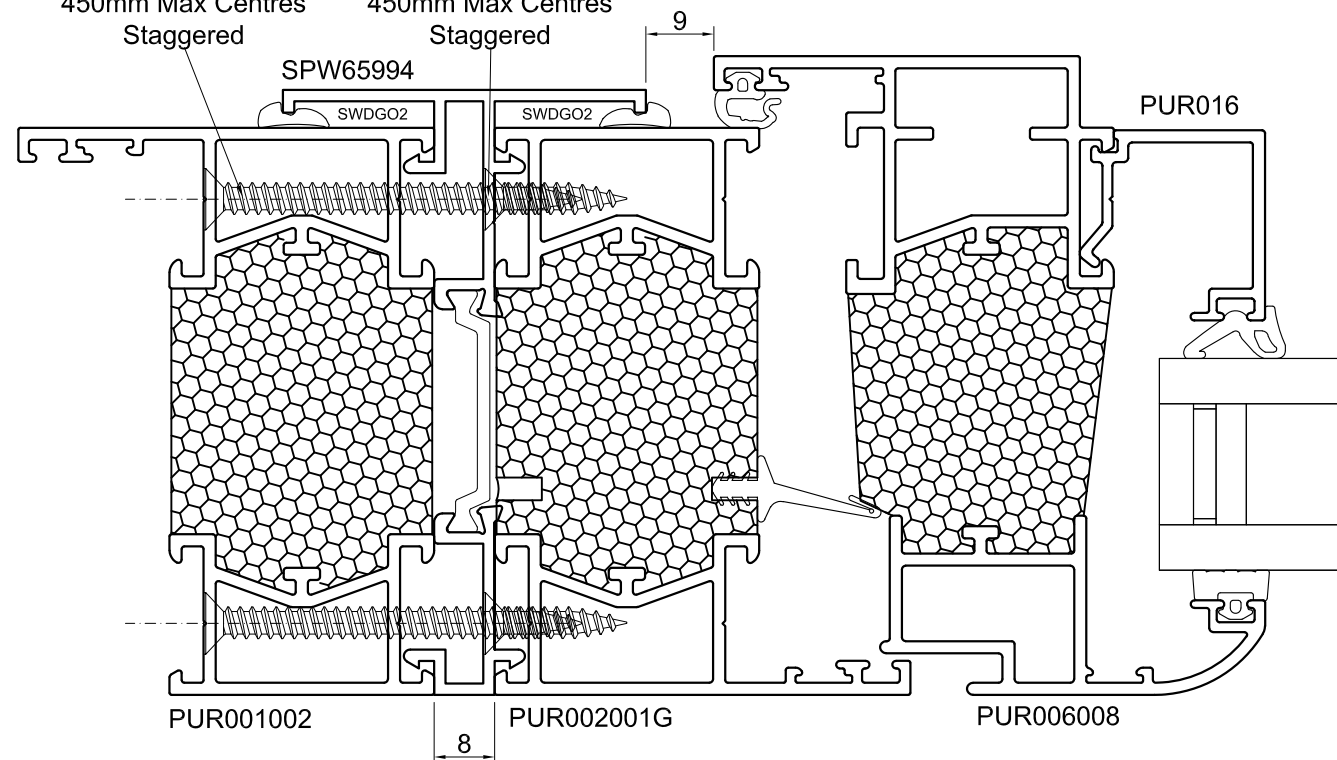
SFSCS08019

No8 x 50mm Csk St/St
S/Tapping Screws

No8 x 19mm Csk St/St
S/Tapping Screws

150mm From Ends
450mm Max Centres
Staggered

150mm From Ends
450mm Max Centres
Staggered



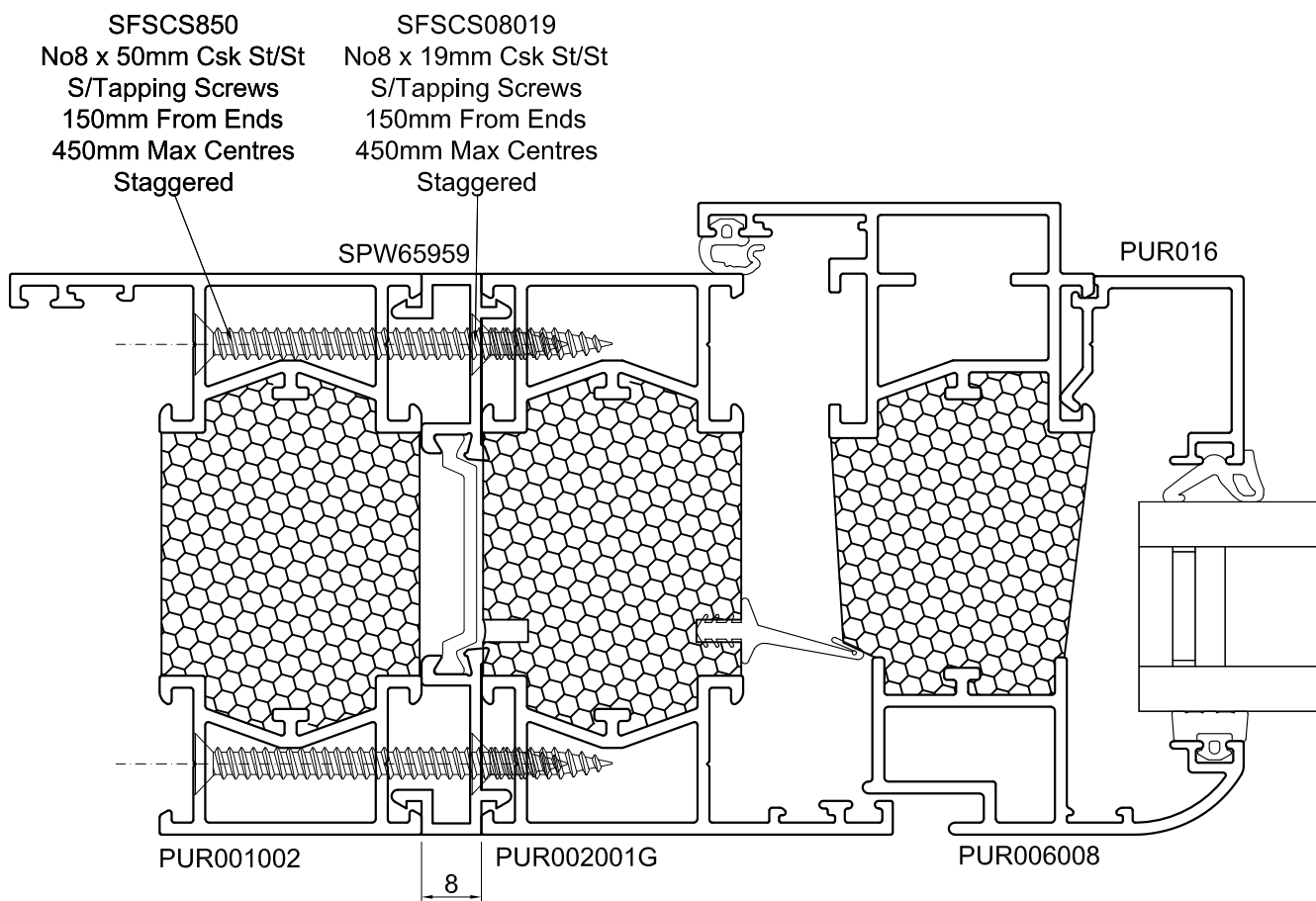
PURe.E.239

06.18

PURe Tilt Turn - Open In

Coupler

NOTE:- Seal All Metal To Metal Joints With Low Modulus Silicone



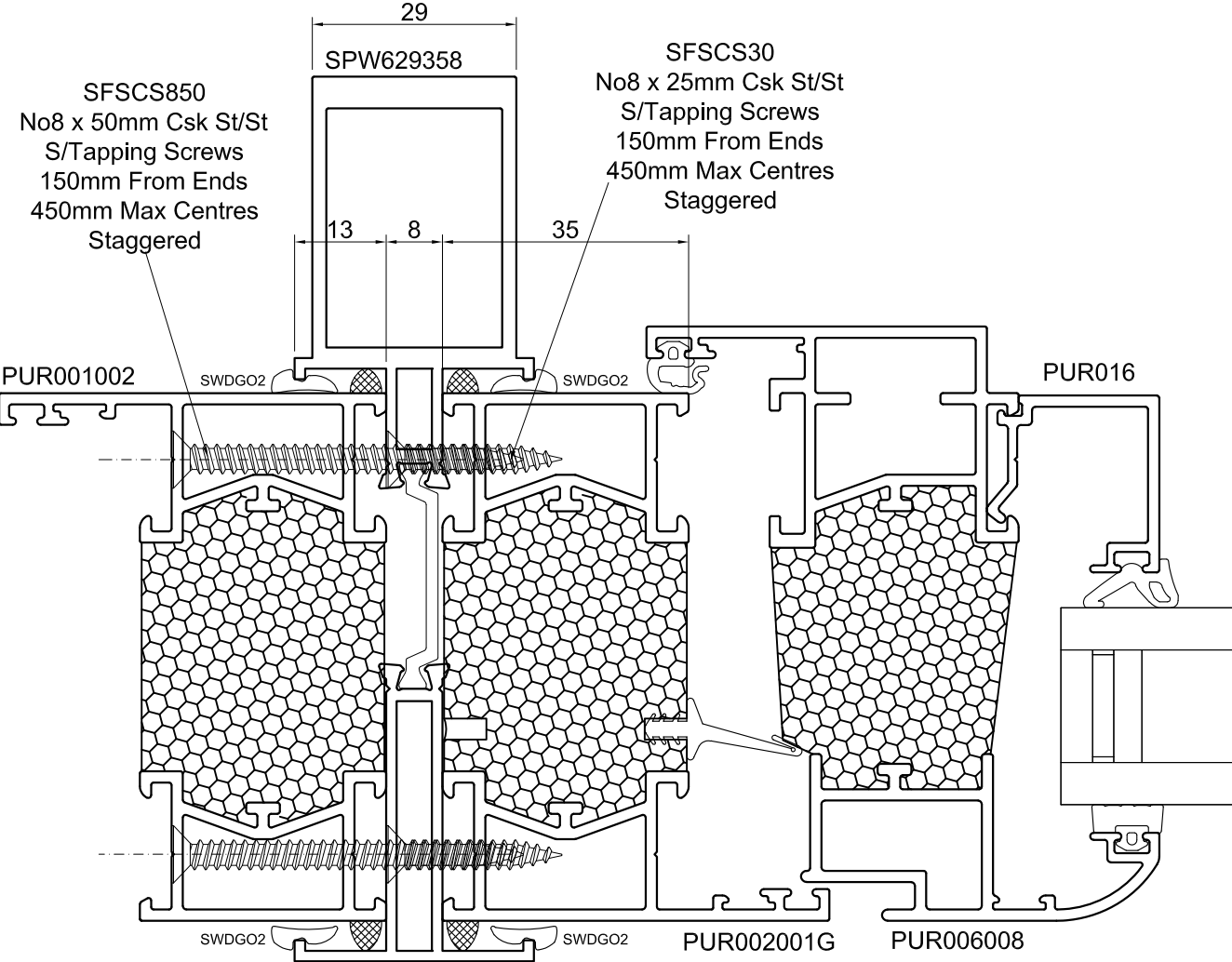
PUR_e Tilt Turn - Open In

Coupler

PUR_e.E.240

06.18

NOTE:- Seal All Metal To Metal Joints With Low Modulus Silicone



06.18

H Coupler With Captive Gasket

SP3745
Coupling Gasket

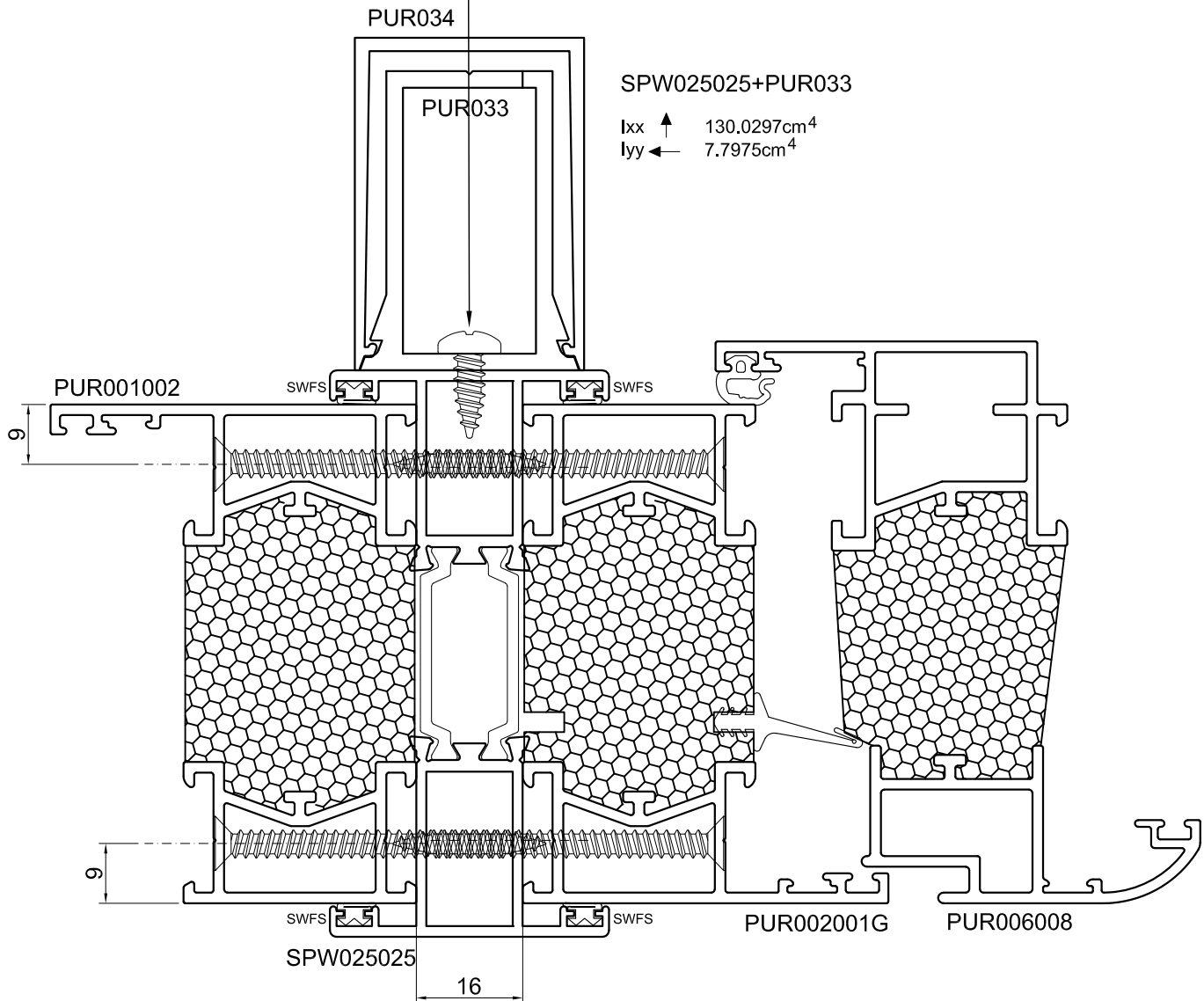
PUR_e Tilt Turn - Open In

PUR_e.E.242

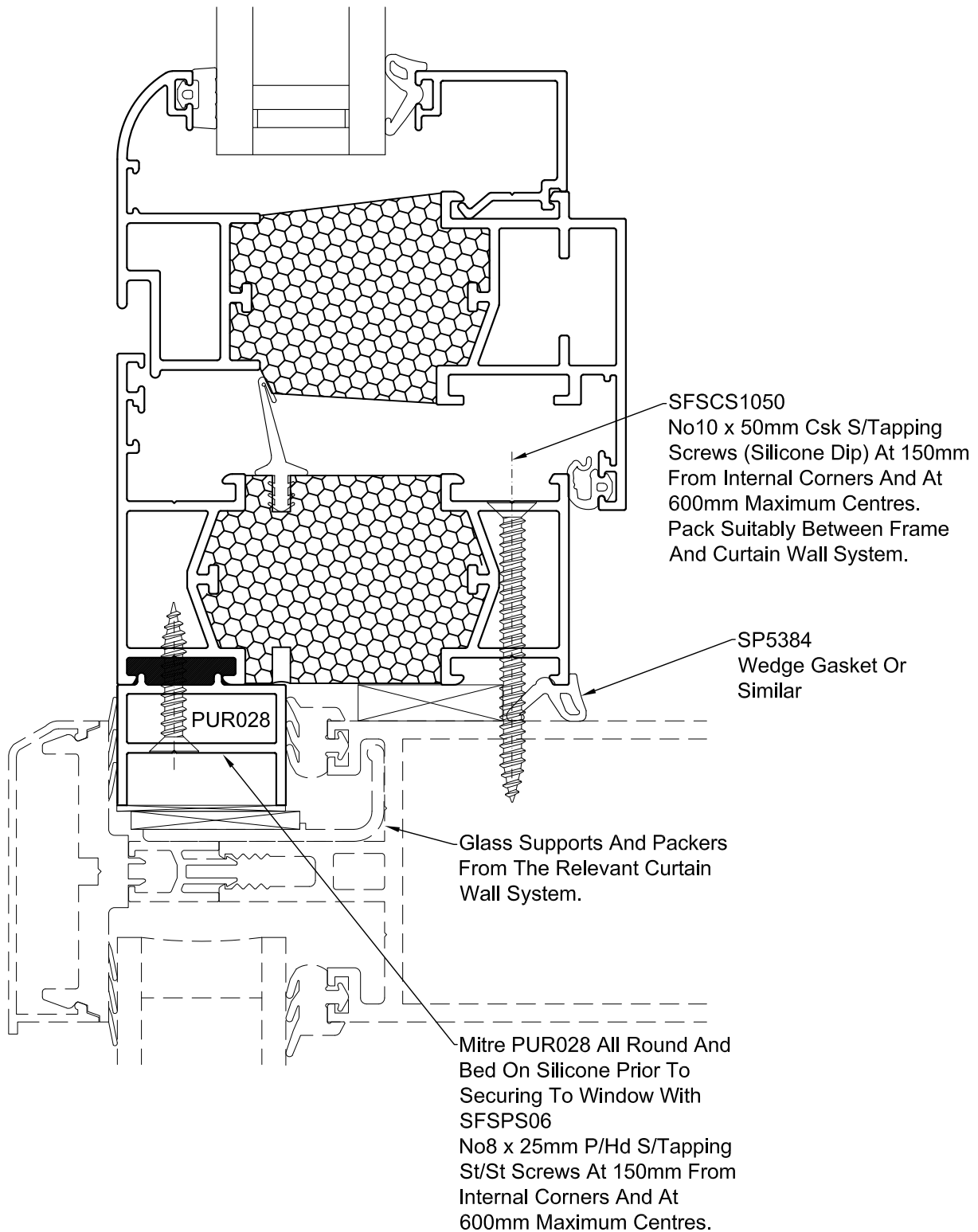
H Coupler With Captive Gasket & Add-On Reinforcing

06.18

Counterbore Back Of PUR033
For Access To Fix Reinforcing
at 150mm Maximum Centres
With SFSPS1212
No12 x 12mm Csk S/Tapping
Screws (Silicone Dip)



NOTE:-Seal All Metal To Metal Joints With Low Modulus Silicone



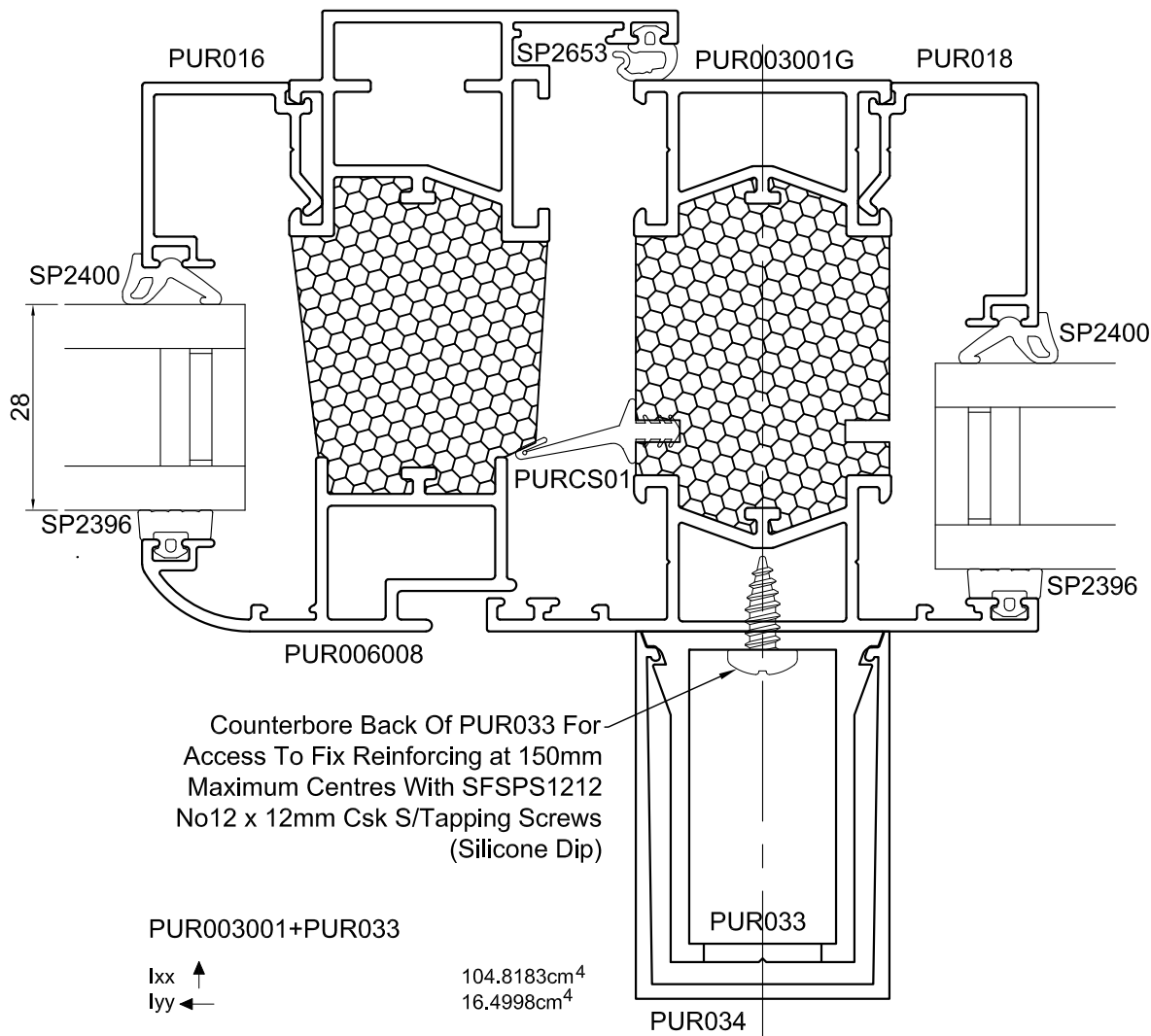
PURe Tilt Turn - Open In

PURe.E.244

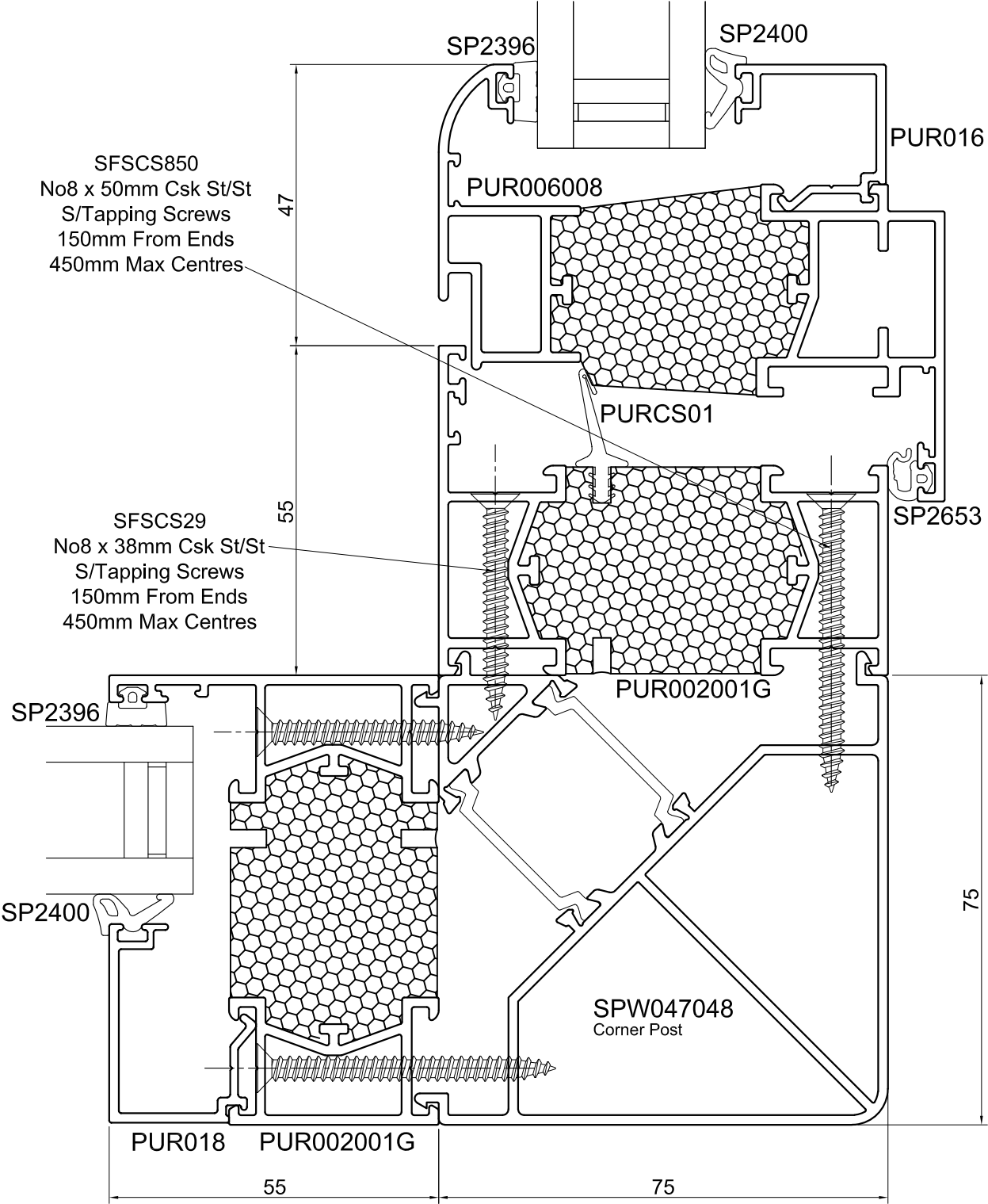
Add-On Reinforcing

06.18

Seal All Metal To Metal Joints With Low Modulus Silicone



REFER TO PAGES B.206 TO B.207 FOR MULTI
FRAME MULLION REINFORCEMENT OPTIONS



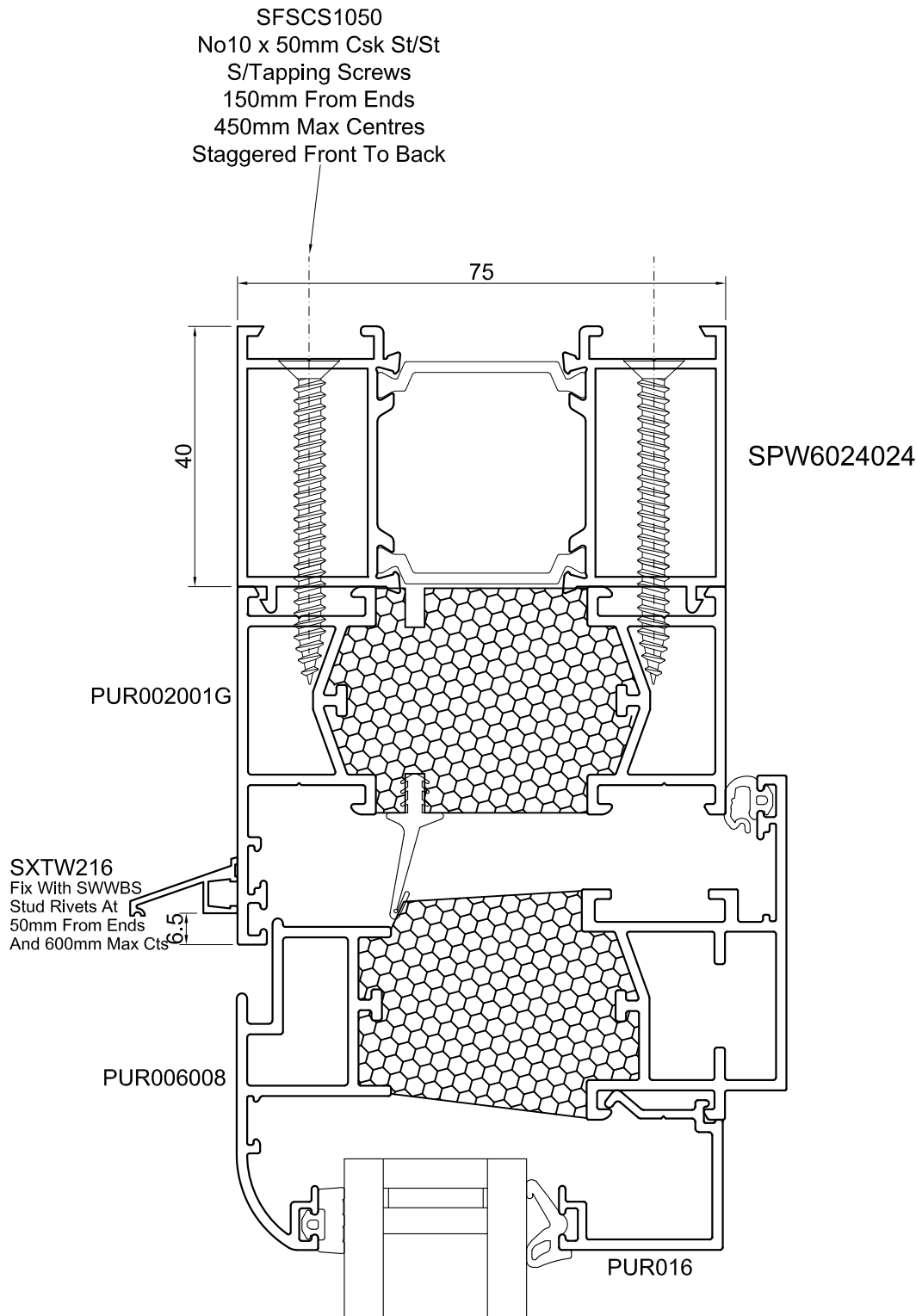
PUR_e Tilt Turn - Open In

PUR_e.E.246

40mm Add-Ons & Weather Bar

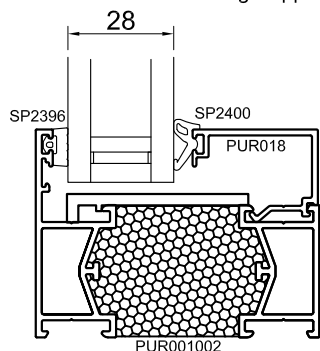
06.18

NOTE:- Seal All Metal To Metal Joints With Low Modulus Silicone



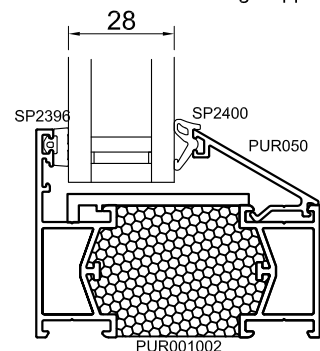
28mm Glazing Option

PUR018 Glazing Bead
PURGS01 Glazing Support



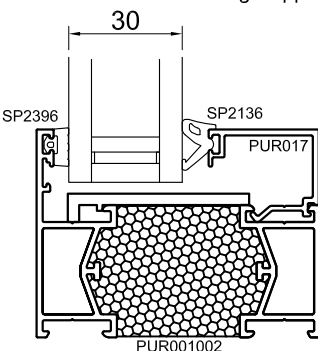
28mm Glazing Option

PUR050 Glazing Bead
PURGS01 Glazing Support



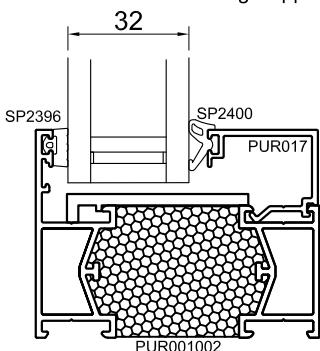
30mm Glazing Option

PUR017 Glazing Bead
PURGS01 Glazing Support



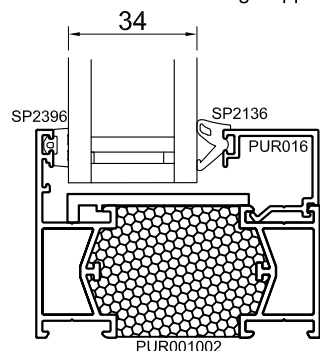
32mm Glazing Option

PUR017 Glazing Bead
PURGS01 Glazing Support



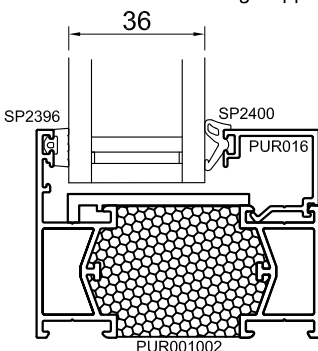
34mm Glazing Option

PUR016 Glazing Bead
PURGS01 Glazing Support



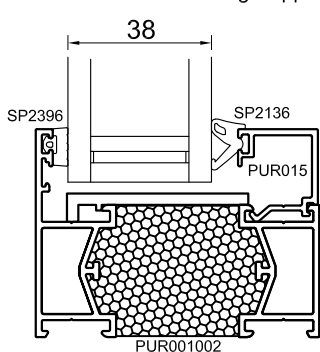
36mm Glazing Option

PUR016 Glazing Bead
PURGS01 Glazing Support



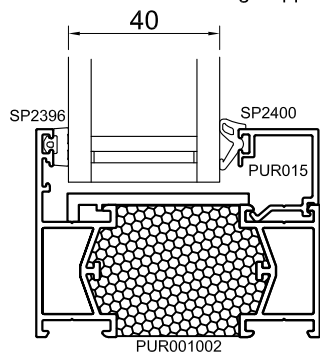
38mm Glazing Option

PUR015 Glazing Bead
PURGS01 Glazing Support



40mm Glazing Option

PUR015 Glazing Bead
PURGS01 Glazing Support



PUR_e Tilt Turn - Open In

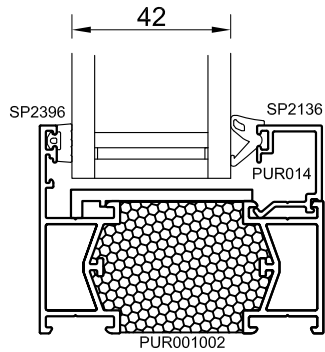
PURe.F.202

Glazing - Bead Options & Gasket Arrangement Fixed Light

05.16

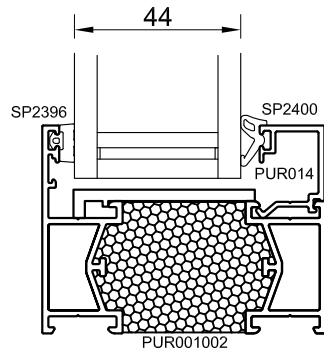
42mm Glazing Option

PUR014 Glazing Bead
PURGS01 Glazing Support



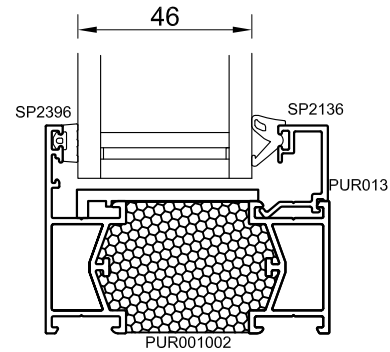
44mm Glazing Option

PUR014 Glazing Bead
PURGS01 Glazing Support



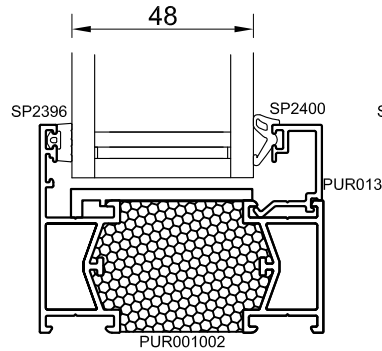
46mm Glazing Option

PUR013 Glazing Bead
PURGS01 Glazing Support



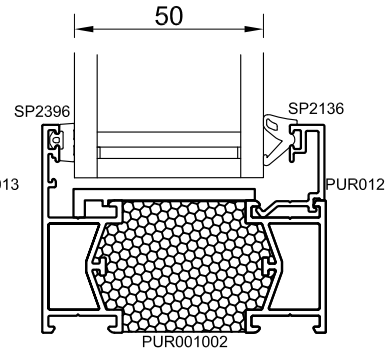
48mm Glazing Option

PUR013 Glazing Bead
PURGS01 Glazing Support



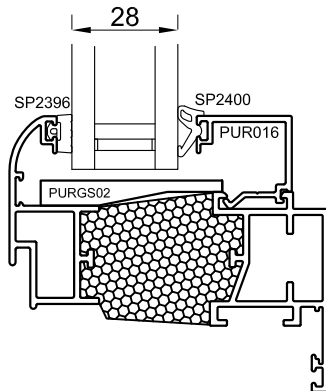
50mm Glazing Option

PUR012 Glazing Bead
PURGS01 Glazing Support



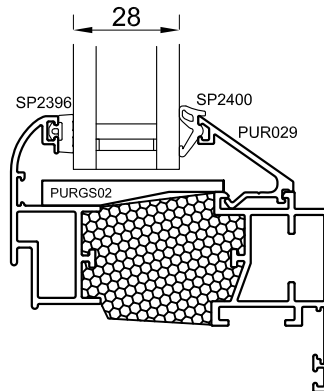
28mm Glazing Option

PUR016 Glazing Bead
PURGS02 Glazing Support



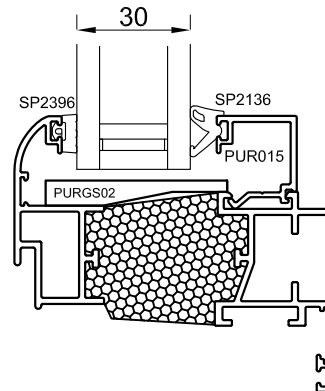
28mm Glazing Option

PUR029 Glazing Bead
PURGS02 Glazing Support



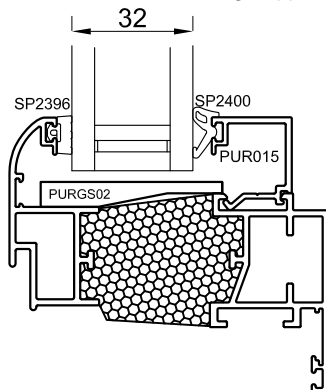
30mm Glazing Option

PUR015 Glazing Bead
PURGS02 Glazing Support



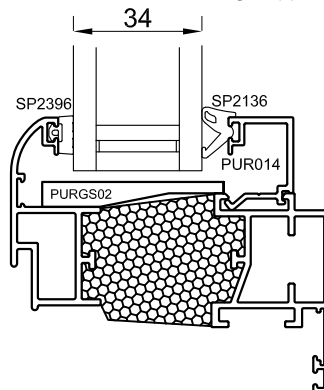
32mm Glazing Option

PUR015 Glazing Bead
PURGS02 Glazing Support



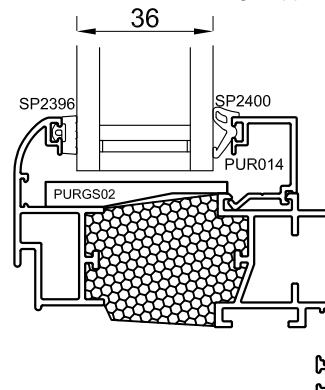
34mm Glazing Option

PUR014 Glazing Bead
PURGS02 Glazing Support



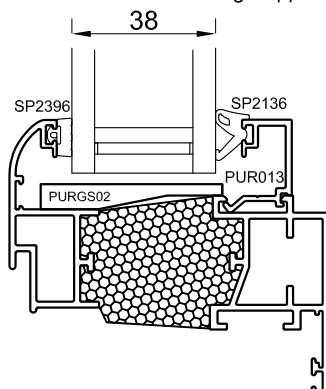
36mm Glazing Option

PUR014 Glazing Bead
PURGS02 Glazing Support



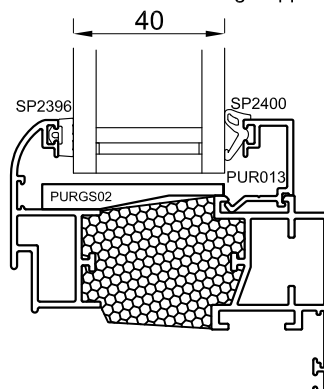
38mm Glazing Option

PUR013 Glazing Bead
PURGS02 Glazing Support



40mm Glazing Option

PUR013 Glazing Bead
PURGS02 Glazing Support



PUR_e Tilt Turn - Open In

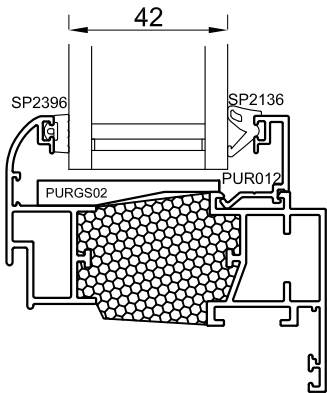
PUR_e.F.204

Glazing - Bead Options & Gasket Arrangement Vent

05.16

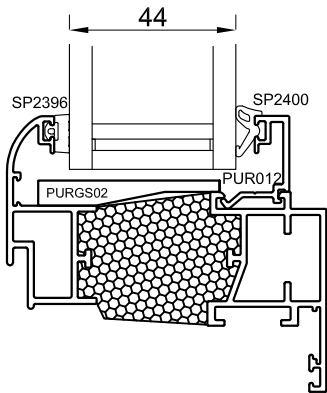
42mm Glazing Option

PUR012 Glazing Bead
PURGS02 Glazing Support



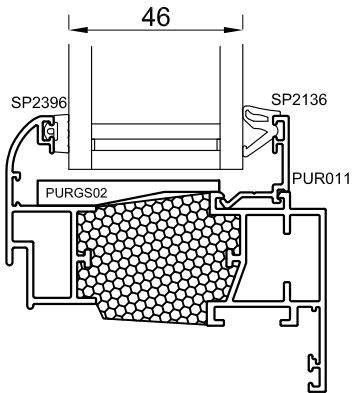
44mm Glazing Option

PUR012 Glazing Bead
PURGS02 Glazing Support



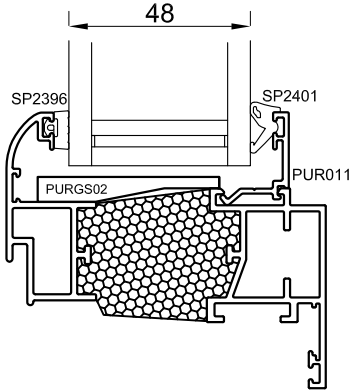
46mm Glazing Option

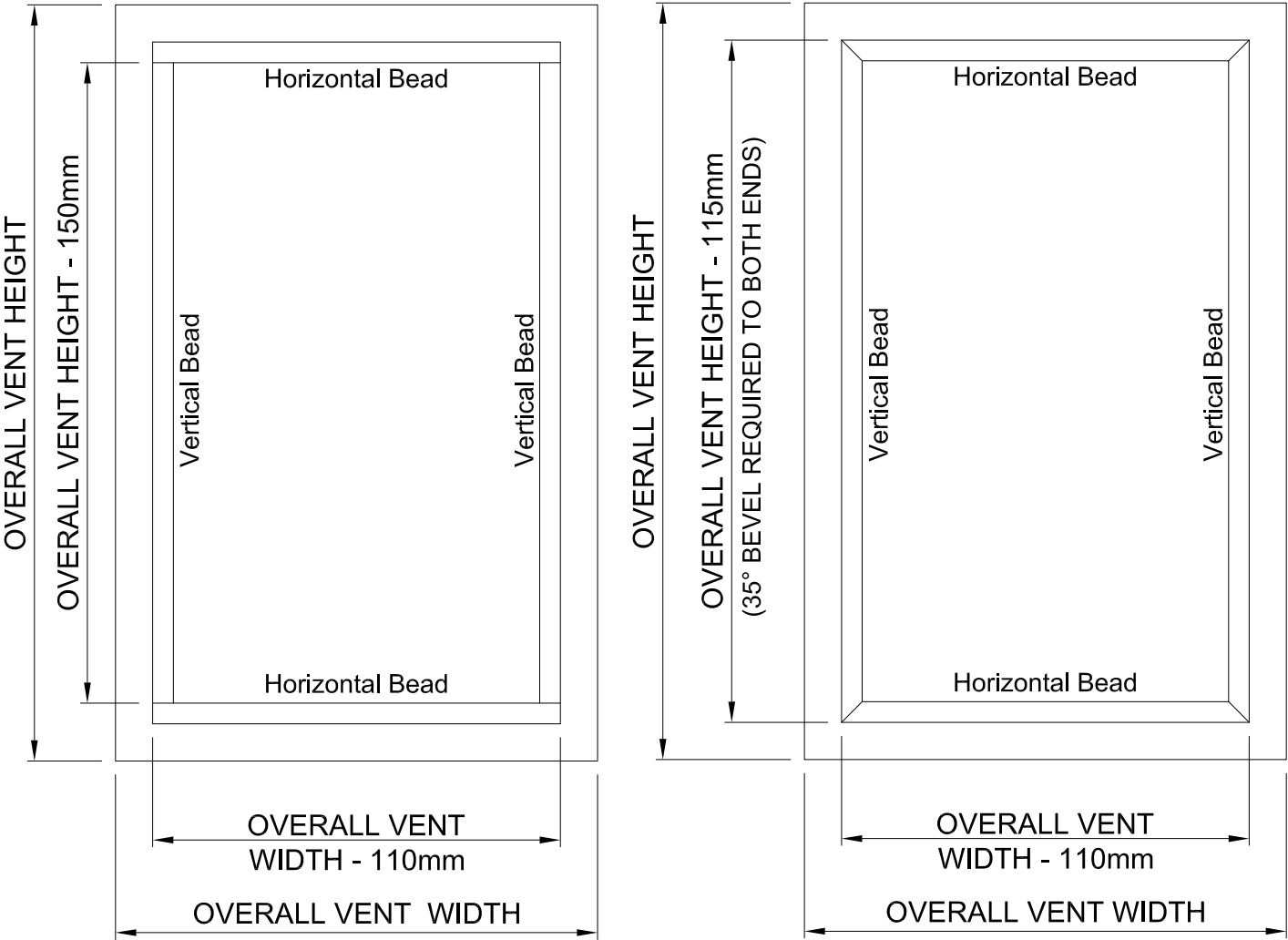
PUR011 Glazing Bead
PURGS02 Glazing Support



48mm Glazing Option

PUR011 Glazing Bead
PURGS02 Glazing Support





Glazing Thickness	Horizontal Beads	Vertical Beads
28mm	PUR016 	PUR016 
	PUR016 	PUR049 
30mm	PUR015 	PUR015 
32mm		
34mm	PUR014 	PUR014 
36mm		
38mm	PUR013 	PUR013 
40mm		
42mm	PUR012 	PUR012 
44mm		
46mm	PUR011 	PUR011 
48mm		

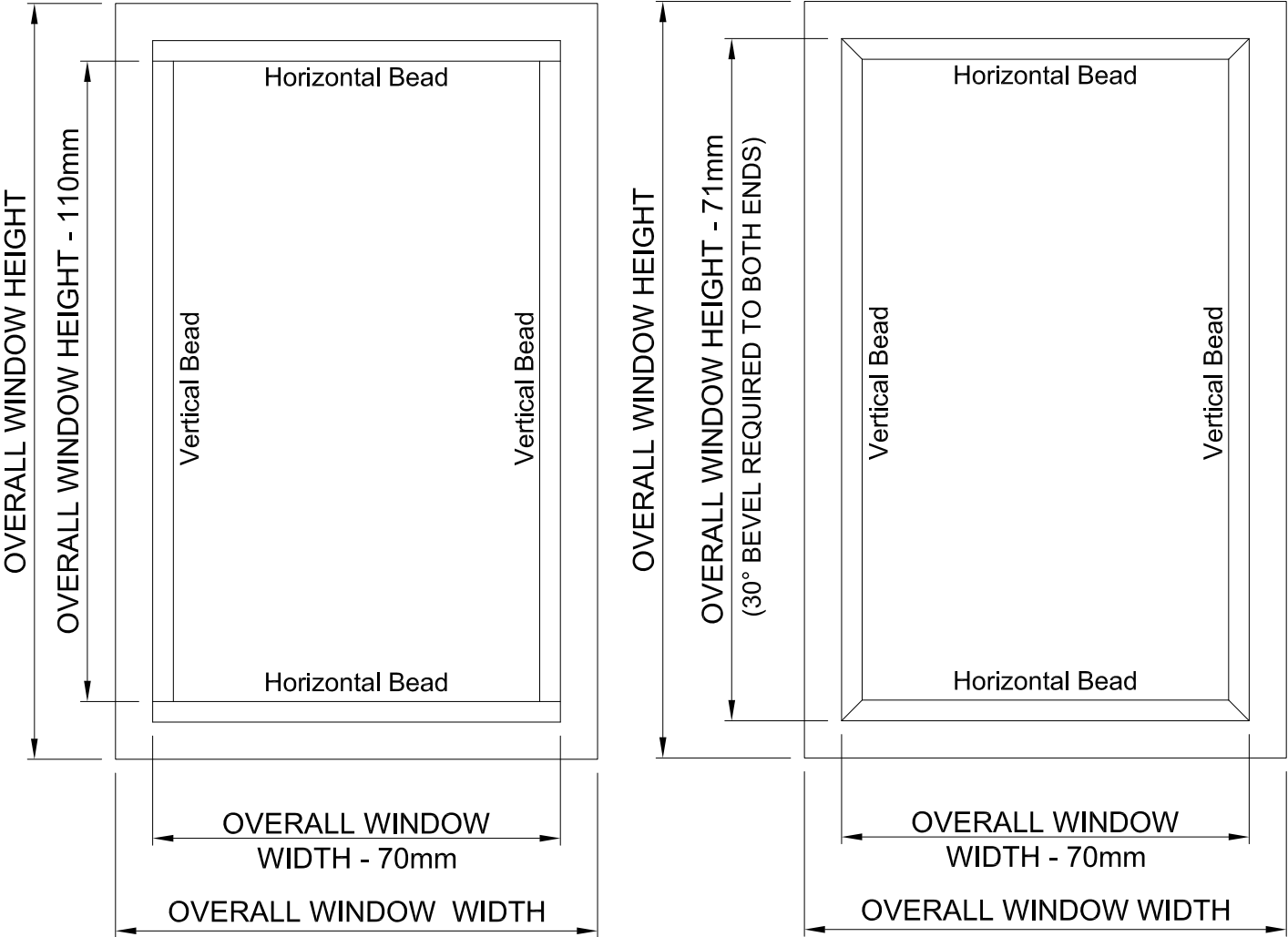
Glazing Thickness	Horizontal Beads	Vertical Beads
28mm	PUR049 	PUR049 

PUR_e Tilt Turn - Open In

Glazing - Glazing Bead Cutting Sizes Fixed Lights

PUR_e.F.206

05.16



Glazing Thickness	Horizontal Beads	Vertical Beads
28mm	PUR016 	PUR016 
	PUR016 	PUR050 
30mm	PUR015 	PUR015 
32mm		
34mm	PUR014 	PUR014 
36mm		
38mm	PUR013 	PUR013 
40mm		
42mm	PUR012 	PUR012 
44mm		
46mm	PUR011 	PUR011 
48mm		

Glazing Thickness	Horizontal Beads	Vertical Beads
28mm	PUR050 	PUR050 

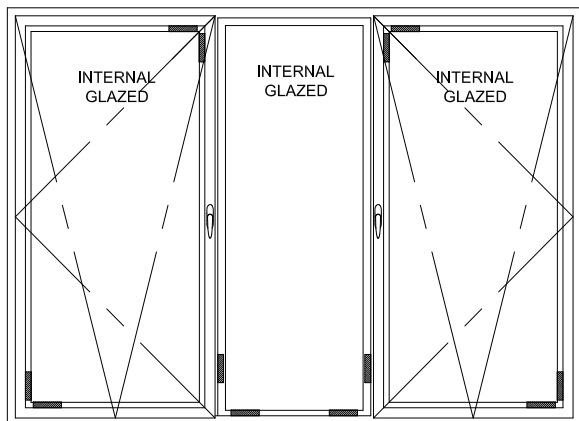


FIGURE A - CONVENTIONAL GLASS PACKING
VIEWED INTERNALLY

1. SQUARE CUT HORIZONTAL BEADS TO CLEAR WIDTH BETWEEN INNER REBATES, SQUARE CUT VERTICAL BEADS BETWEEN HORIZONTAL BEADS.
2. FEED GLAZING GASKET SP2396 INTO EXTERNAL REBATES (CUT 1-2% OVERLENGTH & ADHERE CUT ENDS) & FIT GLASS SUPPORTS PURGS02 (VENT) OR PURGS01 (FIXED LIGHT FRAME) AS SHOWN IN SECTION AND FIGURE A, BEDDING ON SILICONE.
3. FIT GLASS UNITS AND PACK AS SHOWN IN SECTION AND FIGURE A.
4. LOCATE INTERNAL GLAZING BEADS.
5. INSERT INTERNAL WEDGE GASKET SP2400 TO SECURE (CUT 1-2% OVERLENGTH & ADHERE CUT ENDS).

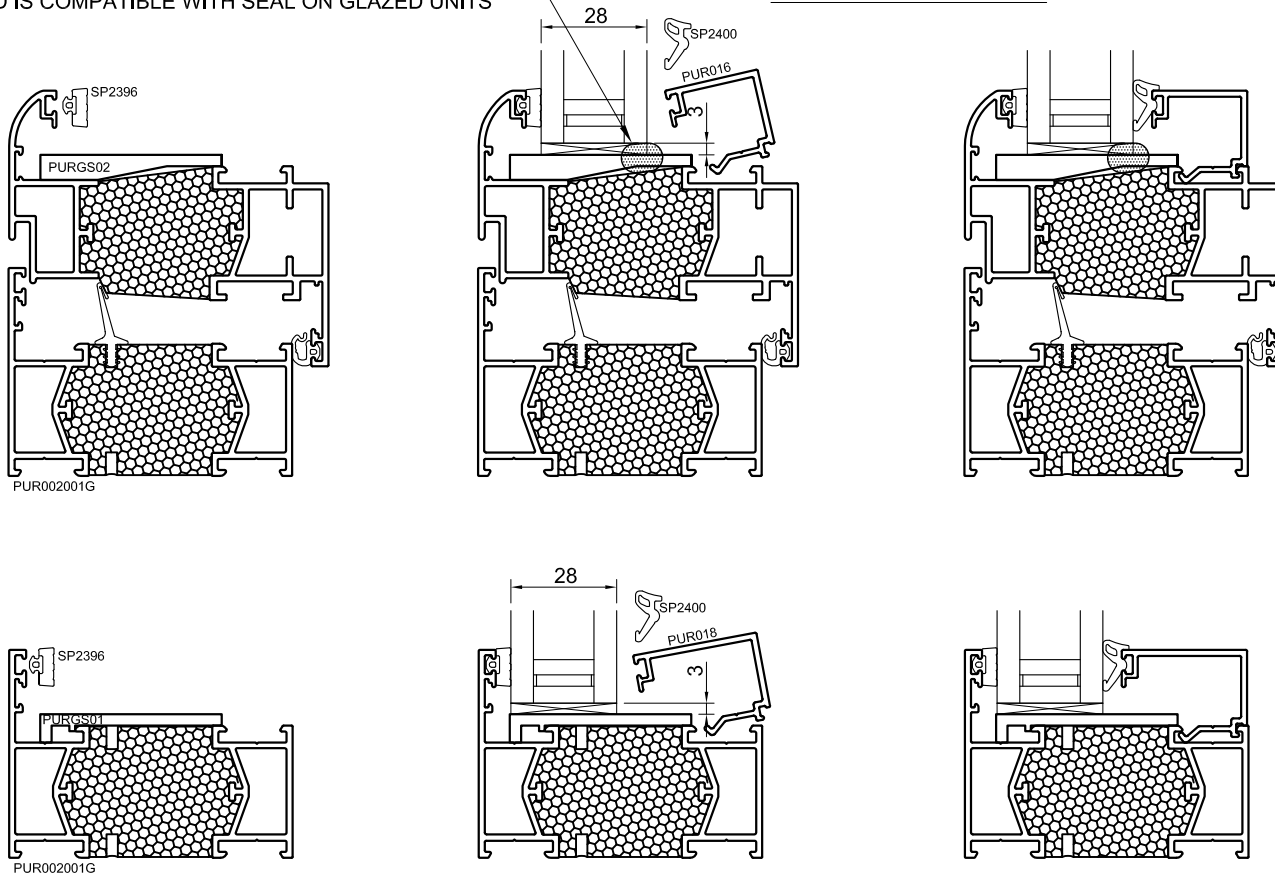
IMPORTANT NOTE

IF CHRONO SECURITY OR INVISION SECURITY FIT
ADDITIONAL GLASS PACKERS - CONTACT SAS TECHNICAL
FOR FURTHER INFORMATION.

See Section 'C' Accessories Pages For
Available Gaskets, Glass Packs And
Bead Options.

SILICONE SEAL ALONG THE BOTTOM OF THE GLAZED
UNIT AND 200mm UP EITHER SIDE. ENSURE SILICONE
USED IS COMPATIBLE WITH SEAL ON GLAZED UNITS

FIGURE B - BEAD CUTTING



**** NOTE - ENSURE GLAZING PACKERS DO NOT
OBSTRUCT DRAINAGE PATHS.**

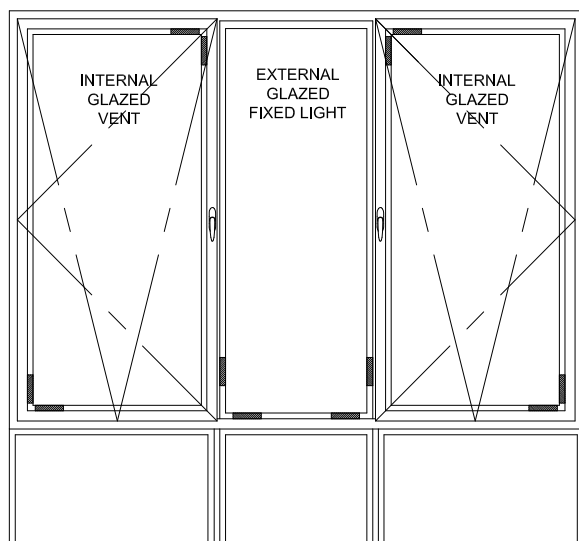


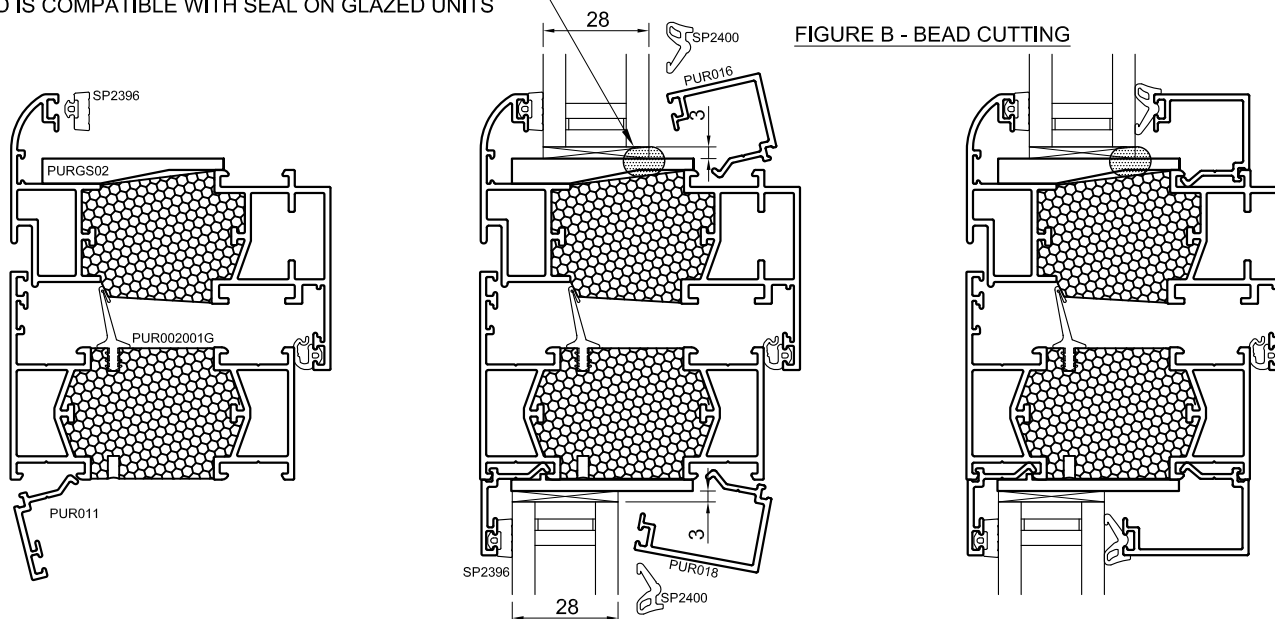
FIGURE A - CONVENTIONAL GLASS PACKING
VIEWED INTERNALLY

1. SQUARE CUT HORIZONTAL BEADS TO CLEAR WIDTH BETWEEN INNER REBATES, SQUARE CUT VERTICAL BEADS BETWEEN HORIZONTAL BEADS.
2. FEED GLAZING GASKET SP2396 INTO EXTERNAL REBATES (CUT 1-2% OVERLENGTH & ADHERE CUT ENDS) & FIT GLASS SUPPORTS PURGS02 (VENT) OR PURGS01 (FIXED LIGHT FRAME) AS SHOWN IN SECTION AND FIGURE A, BEDDING ON SILICONE.
3. FIT GLASS UNITS AND PACK AS SHOWN IN SECTION AND FIGURE A.
4. LOCATE INTERNAL GLAZING BEADS.
5. INSERT INTERNAL WEDGE GASKET SP2400 TO SECURE (CUT 1-2% OVERLENGTH & ADHERE CUT ENDS).

IMPORTANT NOTE
IF CHRONO SECURITY OR INVISON SECURITY FIT
ADDITIONAL GLASS PACKERS - CONTACT SAS TECHNICAL
FOR FURTHER INFORMATION.

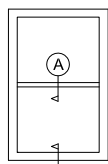
See Section 'C' Accessories Pages For
Available Gaskets, Glass Packs And
Bead Options.

SILICONE SEAL ALONG THE BOTTOM OF THE GLAZED UNIT AND 200mm UP EITHER SIDE. ENSURE SILICONE USED IS COMPATIBLE WITH SEAL ON GLAZED UNITS

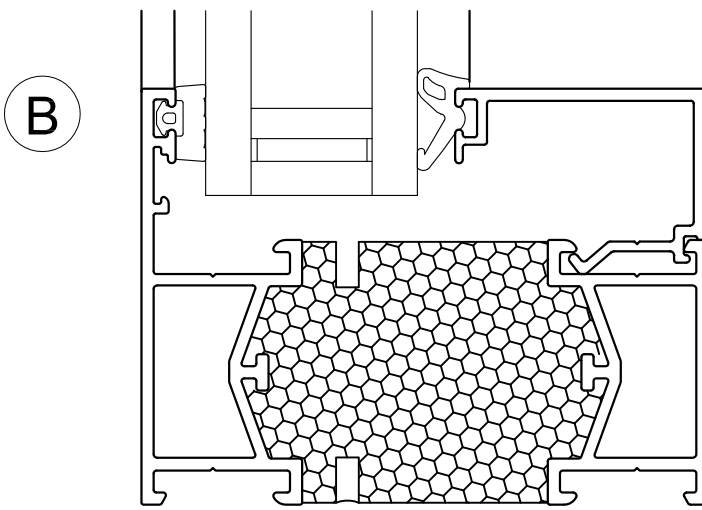
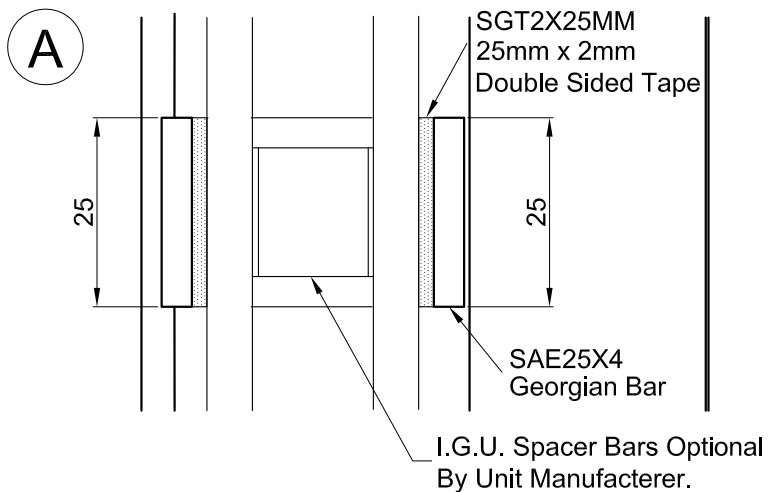


**** NOTE - ENSURE GLAZING PACKERS DO NOT OBSTRUCT DRAINAGE PATHS.**

NOTE: LEAVE A 1MM GAP AT ALL JOINTS FOR EXPANSION. GLASS & BAR MUST BE CLEANED USING ANY INDUSTRIAL METHYLATED SPIRIT BEFORE APPLICATION. APPLY WITH A LINT FREE CLOTH. WHITE SPIRIT MUST NOT BE USED AS IT WILL AFFECT ADHESION.



Key



PUR002001G (GG)
PUR001001G (GG) Similar

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