

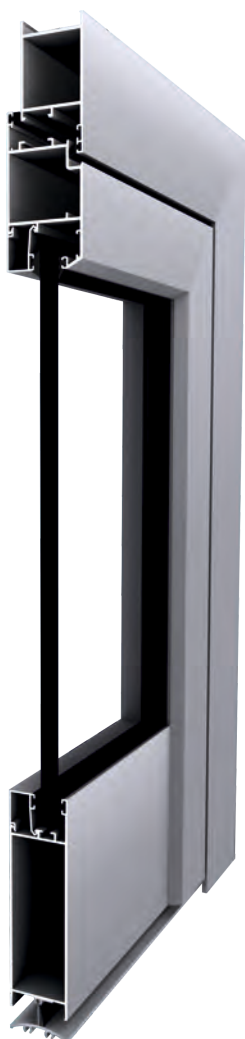
SISTEMAS PARA LA ARQUITECTURA MODERNA



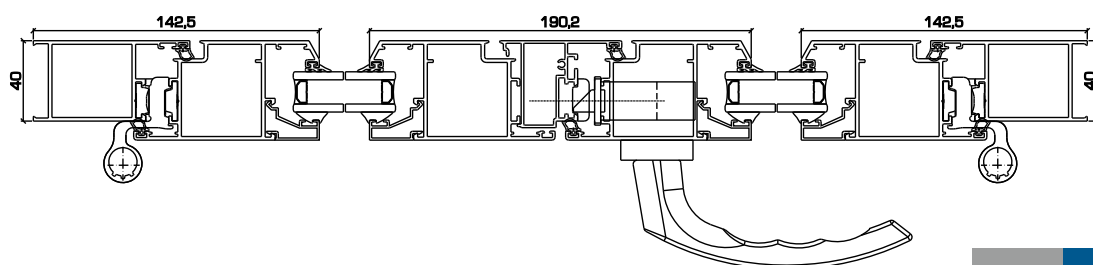
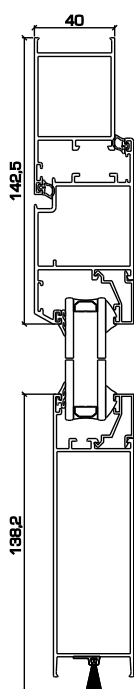
CATÁLOGO DE PRODUCTO

DELTA 41 P

PUERTA CANAL EUROPEO



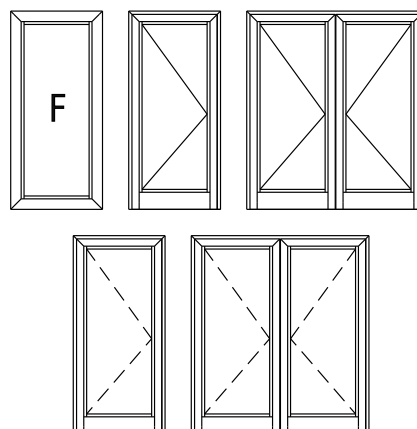
SECCIÓN



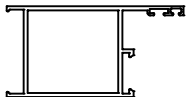
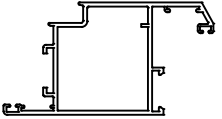
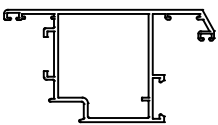
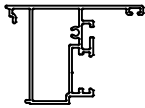
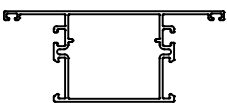
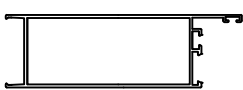
CARACTERÍSTICAS TÉCNICAS

- Sistema puerta, canal europeo.
- Puertas versátiles y robustas.
- Sección de marco de 40 mm.
- Sección vista de 142,5 mm.
- Estanqueidad por medio de junta interior y exterior de EPDM.
- Juntas de acristalamiento de EPDM.
- Acristalamiento máximo de 24 mm.
- Ingletes de Marco y Hoja con escuadra ancha de aluminio extruido.
- Posibilidad de cerraduras de 1, 2 o 3 puntos.

APERTURAS



GLOSARIO

Referencia	Dibujo	Descripción	Momento de Inercia cm ⁴		Perímetro dm ²
			lx	ly	
5490		Marco puerta reforzada	10,09	17,23	45,78
5491		Hoja puerta reforzada	18,25	28,69	58,47
5498		Hoja apertura exterior puerta reforzada	16,86	28,64	58,53
5402		Inversor	6,8	5,8	43,7
5424		Travesaño 40 x 97	9,2	23,1	55,5
1425		Zócalo central	16,2	84,7	72,1
1426		Zócalo inferior	18,0	104,7	71,3

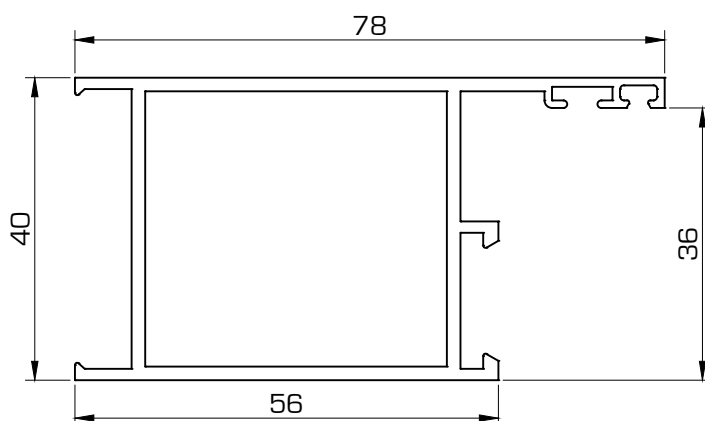
GLOSARIO

Referencia	Dibujo	Descripción	Momento de Inercia cm ⁴		Perímetro dm ²
			I _x	I _y	
1429		Cortavientos vaiven			12,3
1431		Condensación	0,7	27,1	33,9
1432		Condensación	0,9	7,4	26,4
1435		Vierteaguas hoja			7,4
5051		Perfil remate			14,1
162		Tubo para esquinero			24,3
430		Esquinero curvo	7,2	7,2	36,6

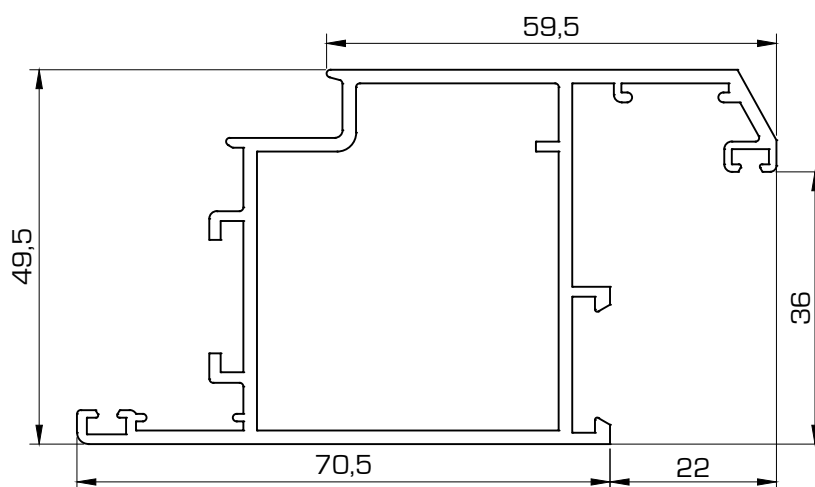
GLOSARIO

Referencia	Dibujo	Descripción	Momento de Inercia cm ⁴		Perímetro dm ²
			I _x	I _y	
433		Acoplamiento esquinero			16,8
435		Unión exterior			12,3
436		Perfil unión			18,2

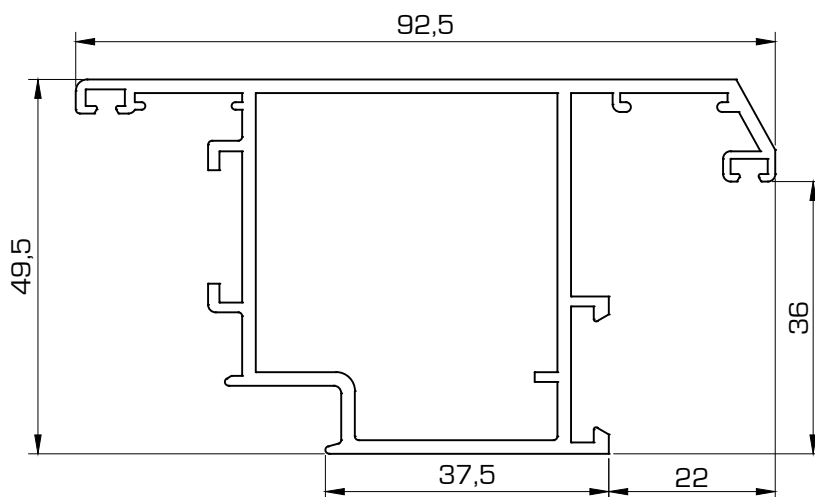
5490 Marco puerta reforzada



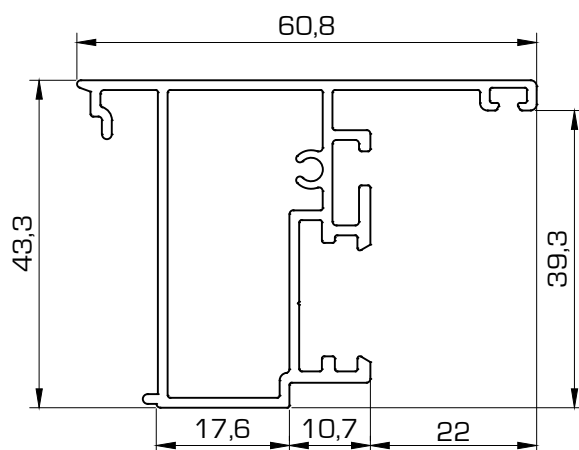
5491 Hoja puerta reforzada



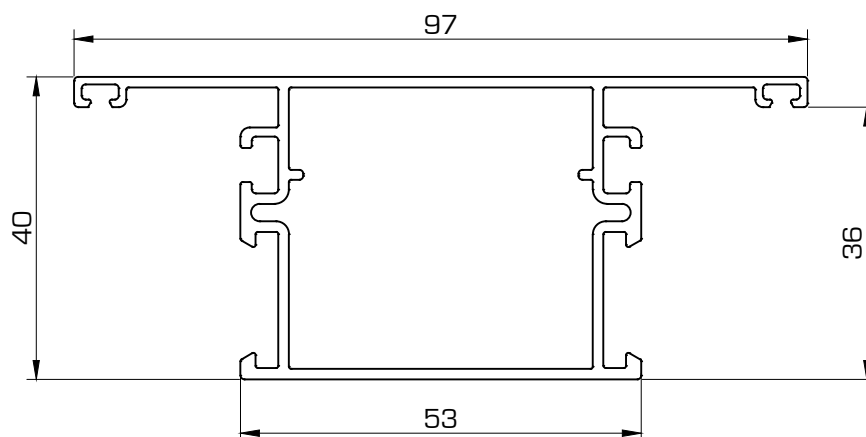
5498 Hoja apertura exterior puerta reforzada



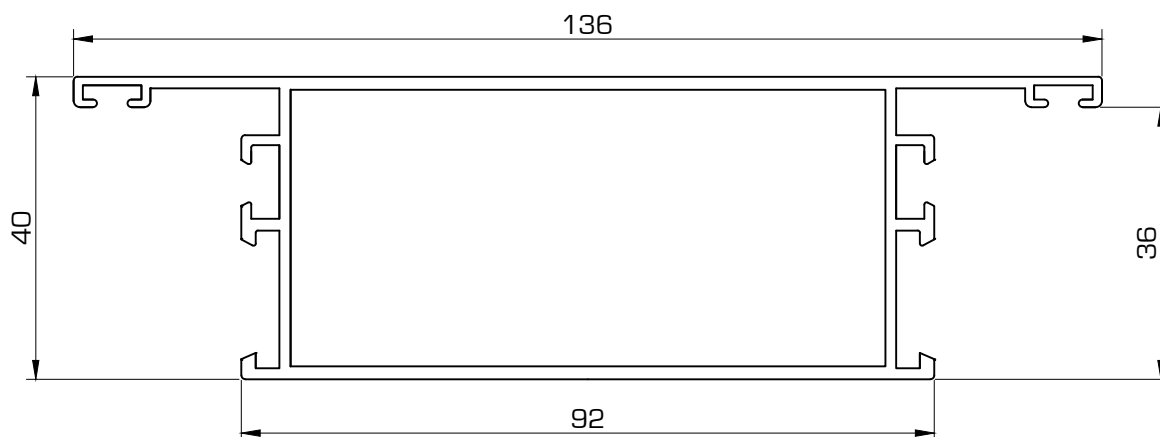
5402 Inversor



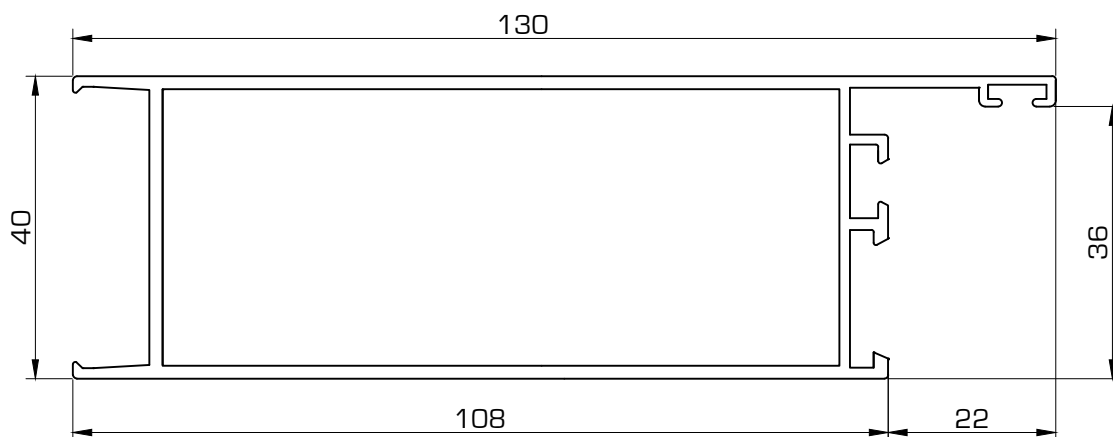
5424 Travesaño 40 x 97 mm



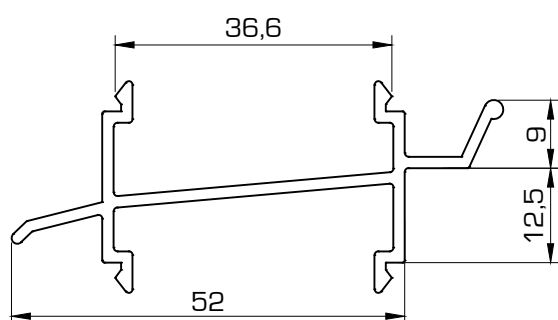
1425 Zócalo central



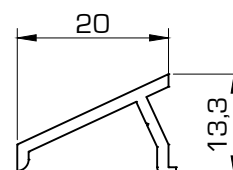
1426 Zócalo inferior



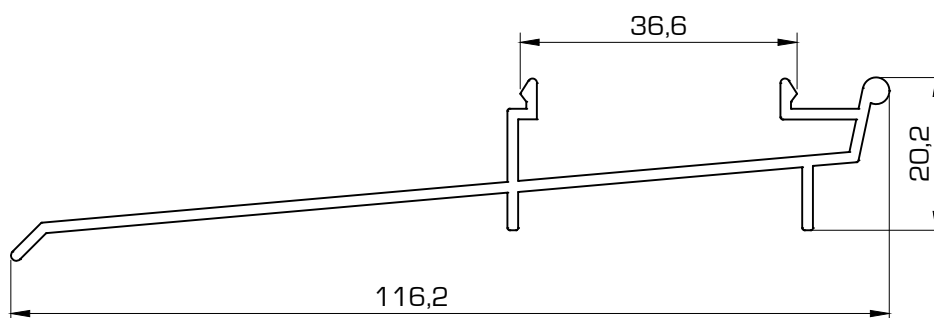
1432 Condensación



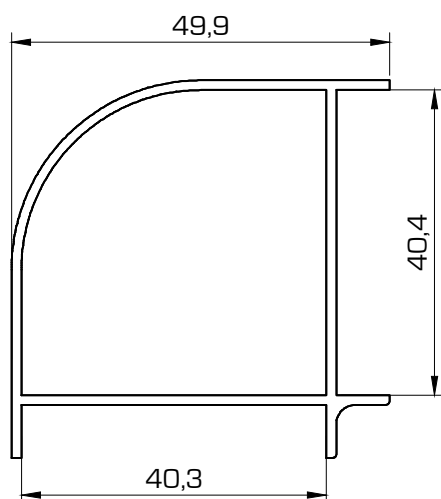
1435 Vierteaguas hoja



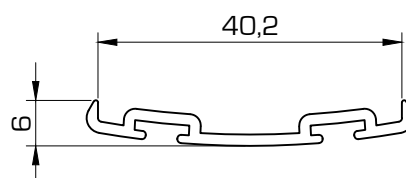
1431 Condensación



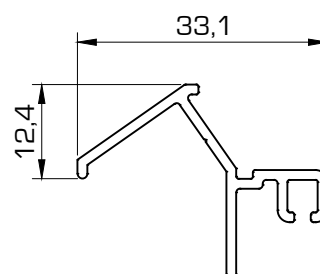
430 Esquinero curvo 90°



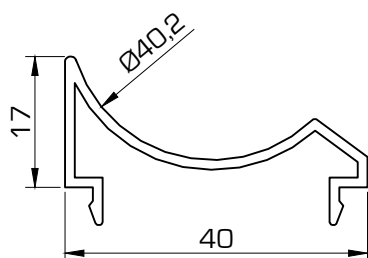
1429 Cortavientos Vaivén



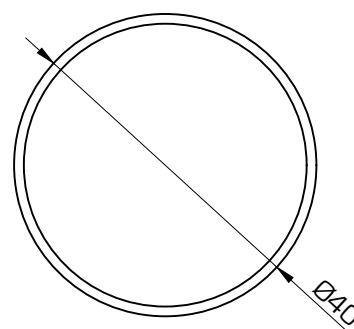
5051 Perfil remate



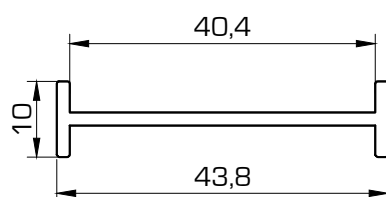
433 Acoplamiento esquinero



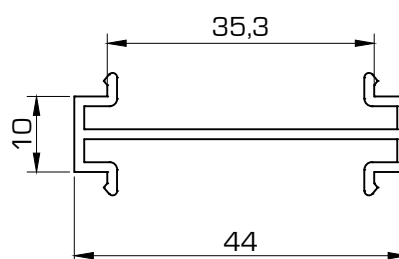
162 Tubo para esquinero



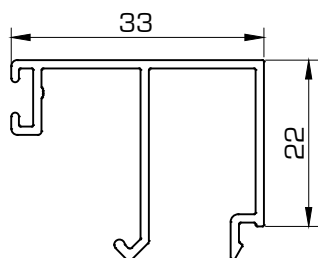
435 Unión Exterior



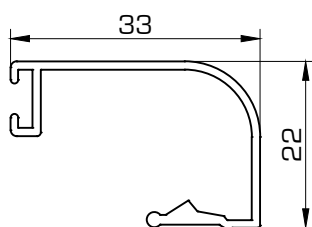
436 Perfil unión



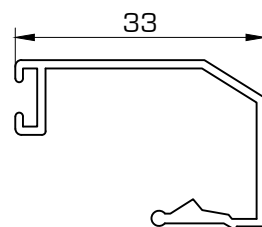
1406 Junquillo 33 mm



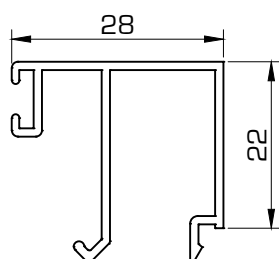
1438 Junquillo 33 mm



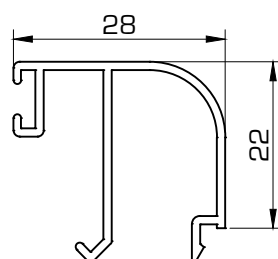
5014 Junquillo 33 mm



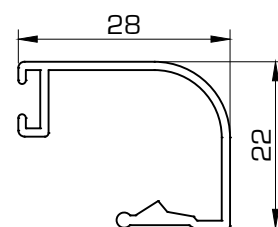
1413 Junquillo 28 mm



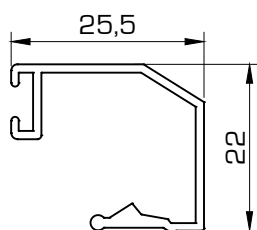
1436 Junquillo 28 mm



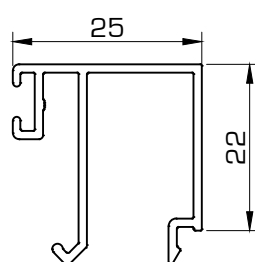
1409 Junquillo 28 mm



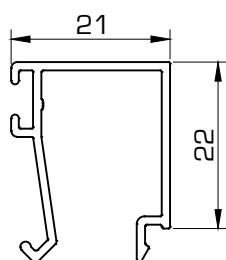
5011 Junquillo 25,5 mm



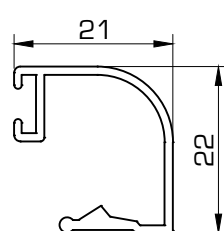
5013 Junquillo 25 mm



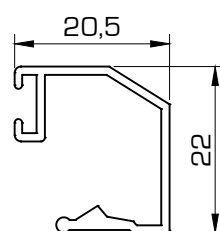
1414 Junquillo 21 mm



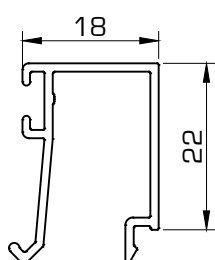
1410 Junquillo 21 mm



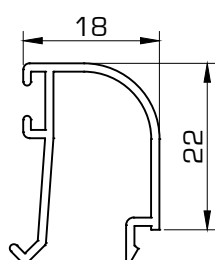
5012 Junquillo 20,5 mm



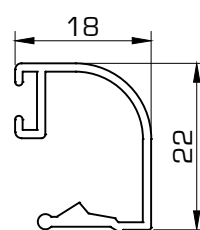
1415 Junquillo 18 mm



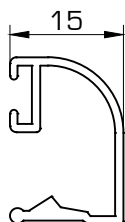
1439 Junquillo 18 mm



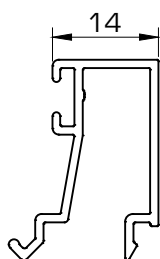
1411 Junquillo 18 mm



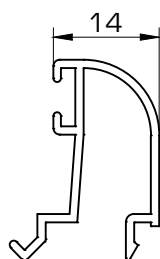
1412 Junquillo 15 mm



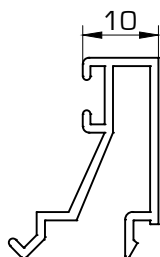
1416 Junquillo 14 mm



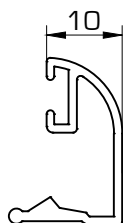
1437 Junquillo 14 mm



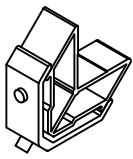
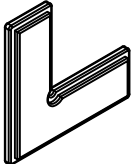
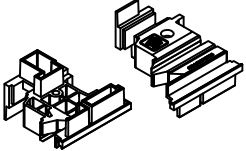
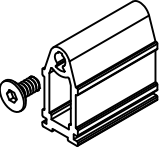
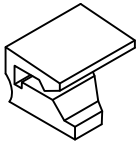
1417 Junquillo 10 mm



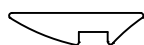
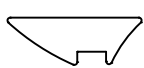
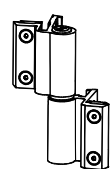
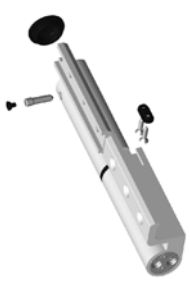
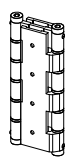
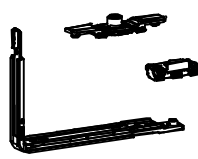
1407 Junquillo 10 mm



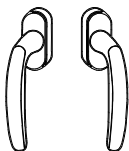
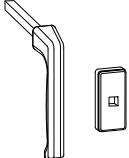
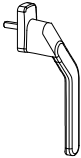
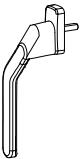
ACCESORIOS

Referencia	Dibujo	Descripción	Observaciones
E026		Escuadra interior hoja	
E030		Escuadra de alineamiento marco	
E031		Escuadra de alineamiento hoja	
K041		Juego tapones de inversor	
U006		Tope unión de travesaño	
1453		Cepillo inferior	
G100		Grapa sujección junquillo curvo	
G059		Junta interior hoja	
G069		Goma junta batiente hoja /marco	

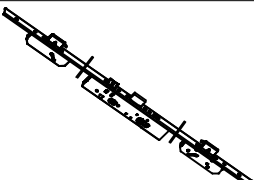
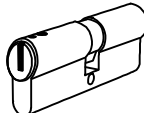
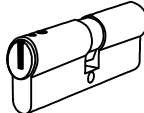
ACCESORIOS

Referencia	Dibujo	Descripción	Observaciones
G077		Goma exterior para acristalado	
G001		Goma de cuña de 2 mm	
G002		Goma de cuña de 4 mm	
B001		Bisagra	
B005		Bisagra muelle dcha con freno	
B006		Bisagra muelle izda con freno	
B007		Bisagra muelle sin freno ambidiestra	
B010		Bisagra VAIVEN	
J515		Reenvío + cerradero	
J010		Juego pasadores	

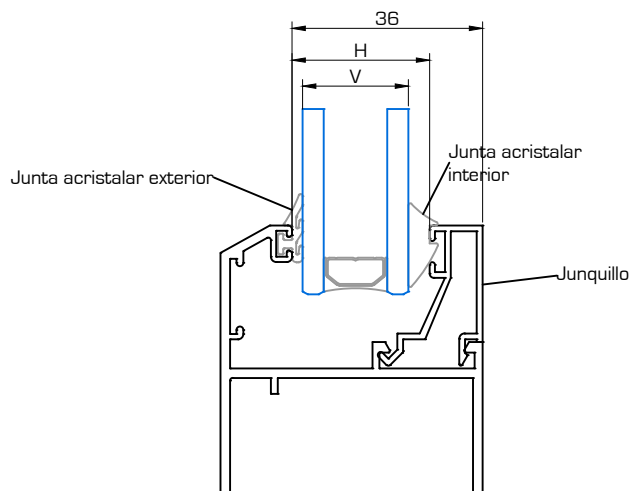
ACCESORIOS

Referencia	Dibujo	Descripción	Observaciones
C023		Caja con agujero para cilindro, entrada 40 mm	
C024		Bombín Caja de embutir 180º, entrada 40 mm	
M051		Manilla simple para cajas de embutir	
M050		Manilla doble para cajas de embutir	
M005 + R040		Manilla de quita y pon cuadradillo 33 mm + Roseta para manilla quita y pon	
M055		Manilla grande	
M056		Manilla acodada derechas para cajas de embutir	
M057		Manilla acodada izquierdas para cajas de embutir	
M052		Manilla interior plana para cajas de embutir	
M058		Manilla exterior plana para cajas de embutir	

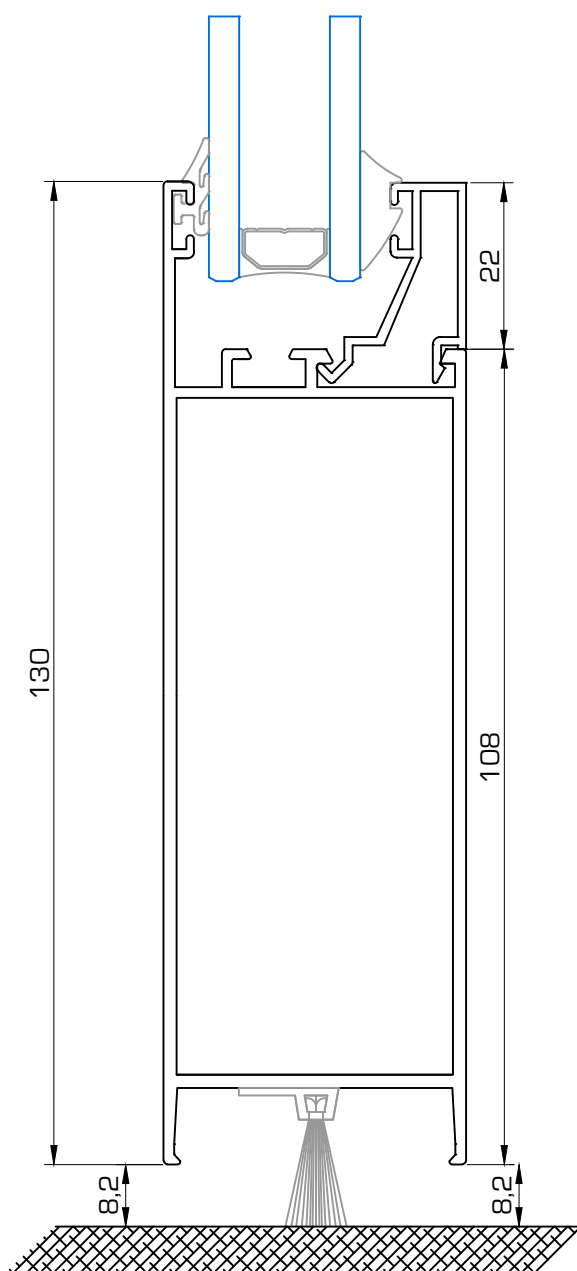
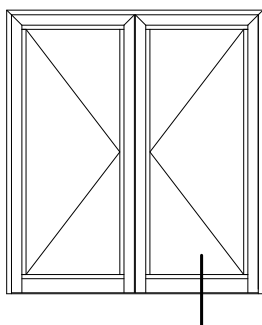
ACCESORIOS

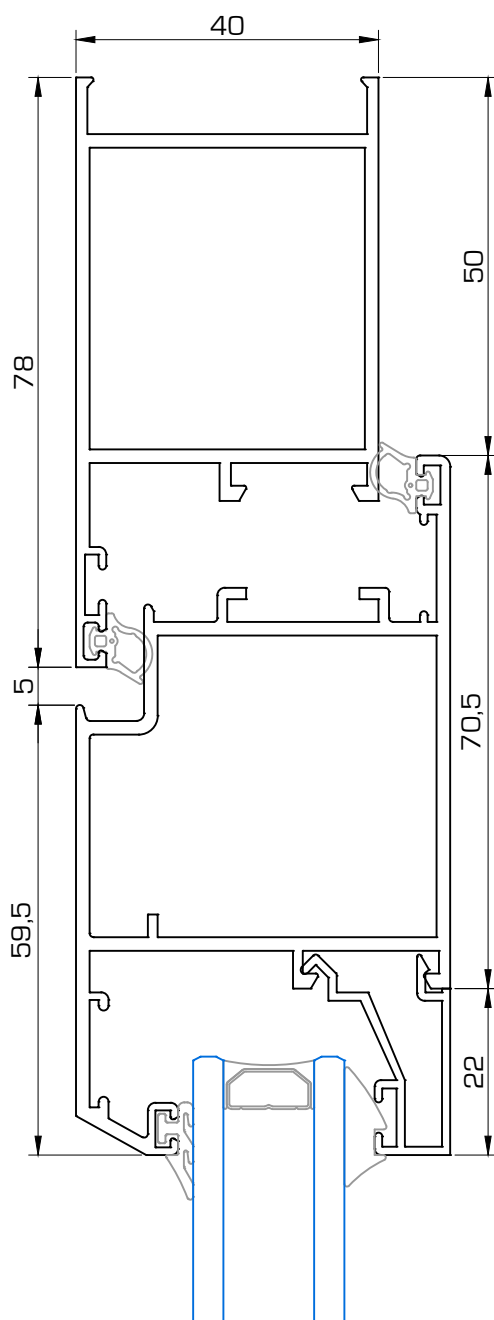
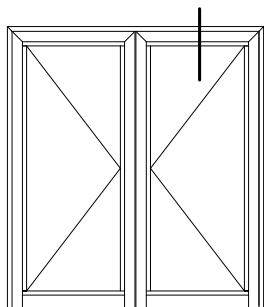
Referencia	Dibujo	Descripción	Observaciones
M002		Manilla simple para C169	
A023		Punto cierre	
C165		Cerradero	
C166		Cerradero	
C167		Cerradero	
C169		Cerradura 3 puntos	
B052		Bombín 30/40	
B051		Bombín 30/40 seguridad	

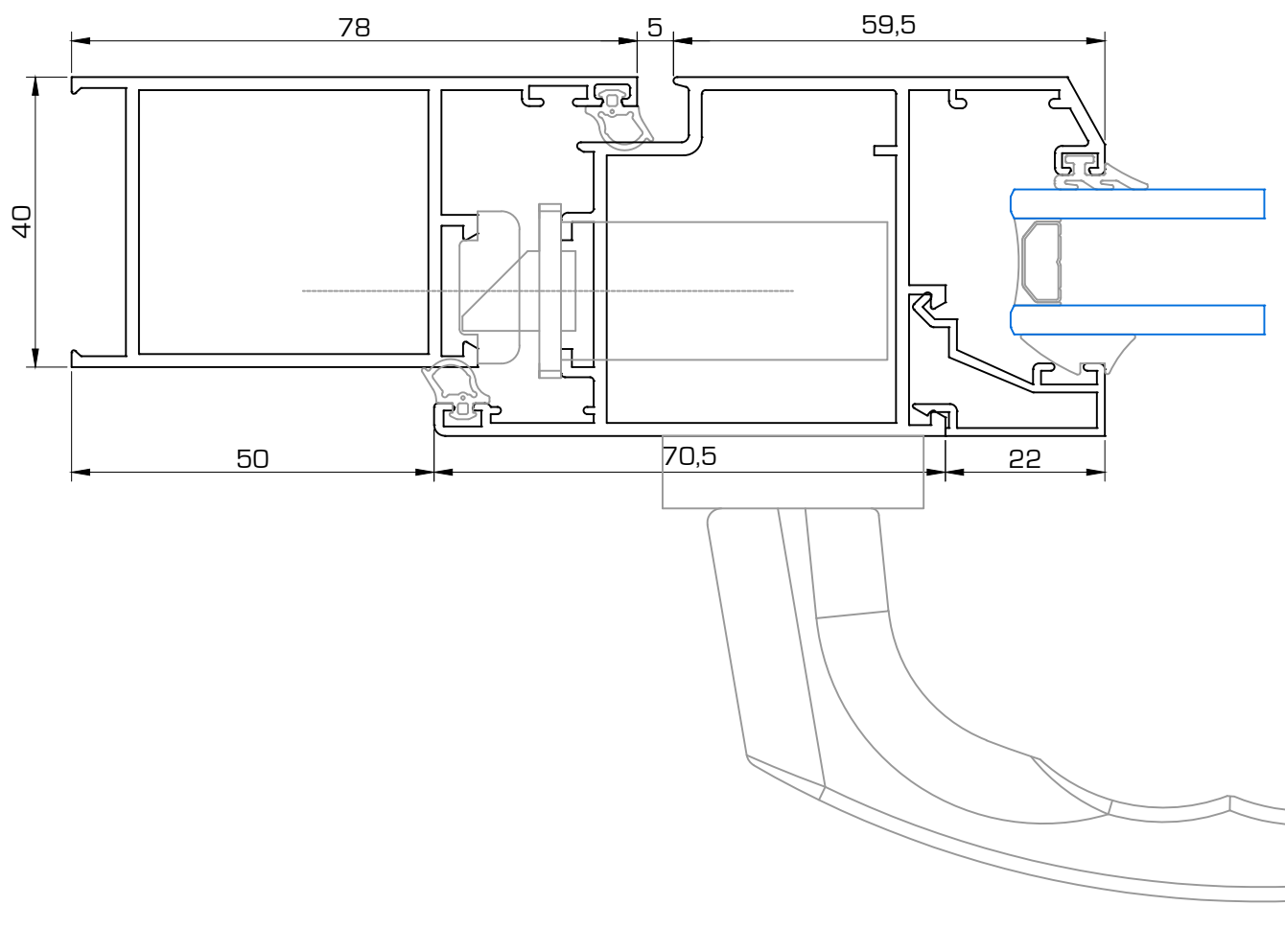
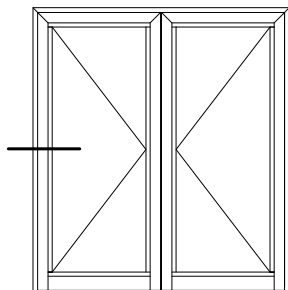
ACRISTALAMIENTO

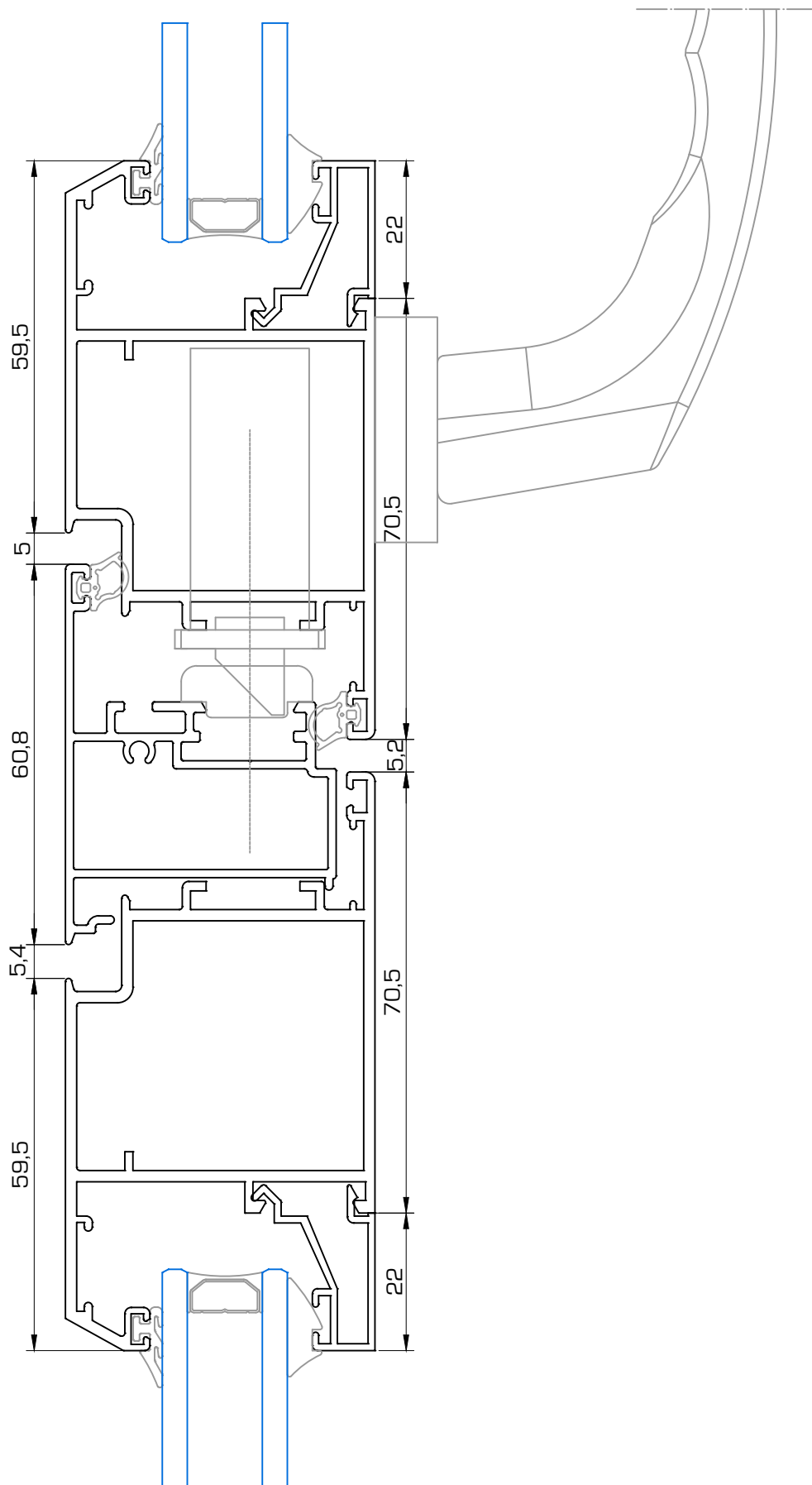
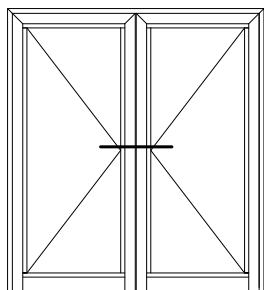


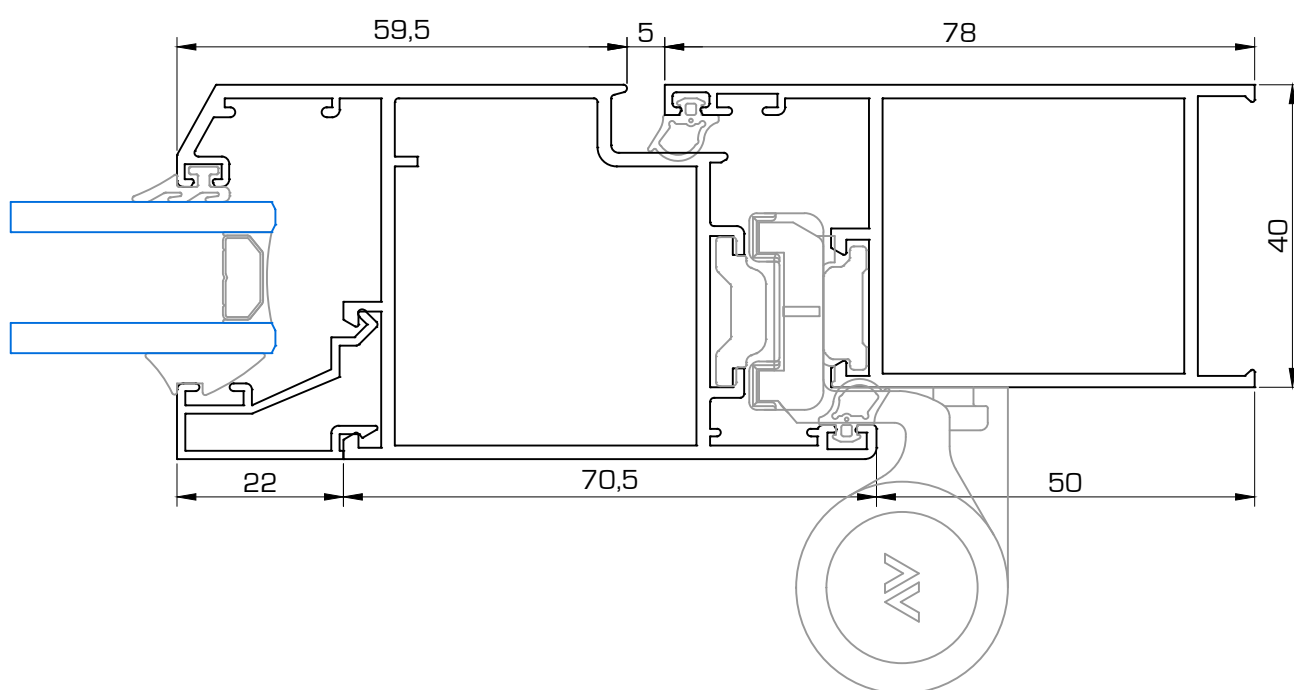
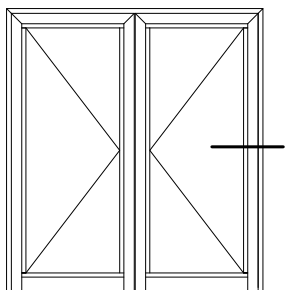
Junquillo	Hueco (H)	Junta exterior	Junta interior	Medida Vidrio (V)
1406 (33 mm) recto clip	1 mm			Chapa
1438 (33 mm) Curvo grapa				
5014 (33 mm) Chafán grapa				
1413 (28 mm) recto clip	8 mm			
1436 (28 mm) curvo clip				
1409 (28 mm) curvo de grapa				
5011 (25,5 mm) chafán de grapa	11mm	G077		11
5013 (25 mm) recto clip				11
1414 (21 mm) recto clip	15 mm	G077	G001	10
1410 (21 mm) curvo grapa			G002	8
5012 (20,5 mm) chafán grapa				
1415 (18 mm) recto clip	18 mm	G077	G001	13
1439 (18 mm) curvo clip			G002	11
1411 (18 mm) curvo grapa				
1412 (15 mm) curvo grapa	21 mm	G077	G001	17
			G002	14
1416 (14 mm) recto clip	22 mm	G077	G001	17
1437 (14 mm) curvo clip			G002	15
1417 (10 mm) recto clip	26 mm	G077	G001	21
1407 (10 mm) curvo grapa			G002	19

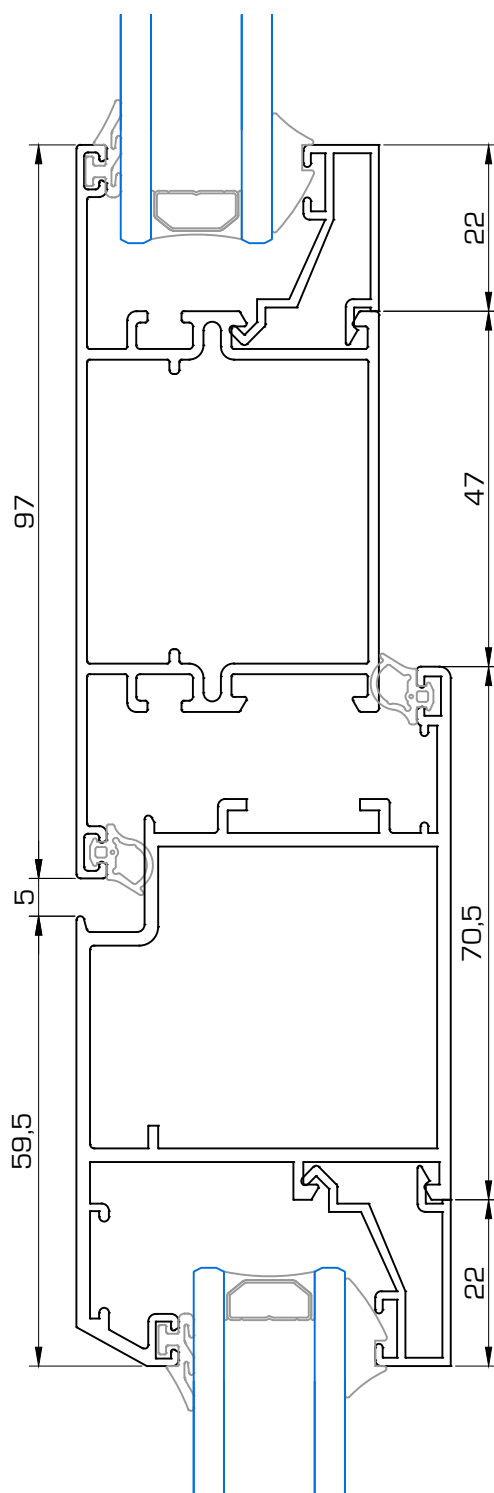
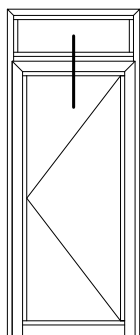


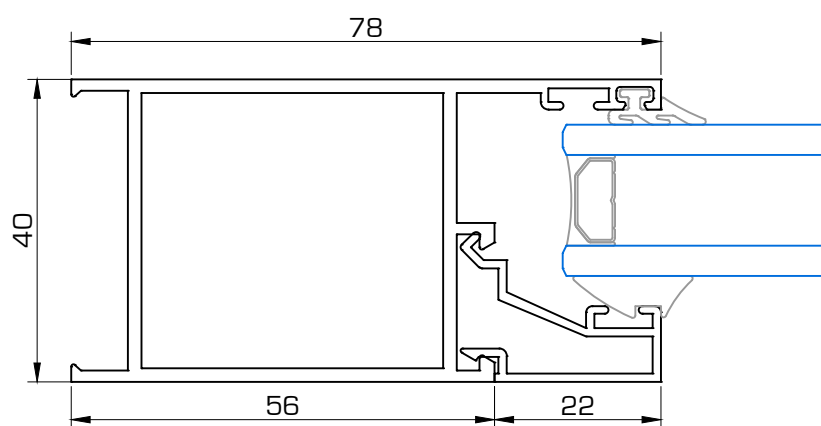
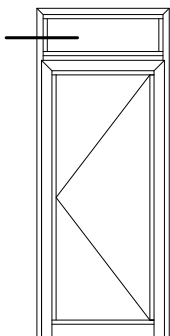


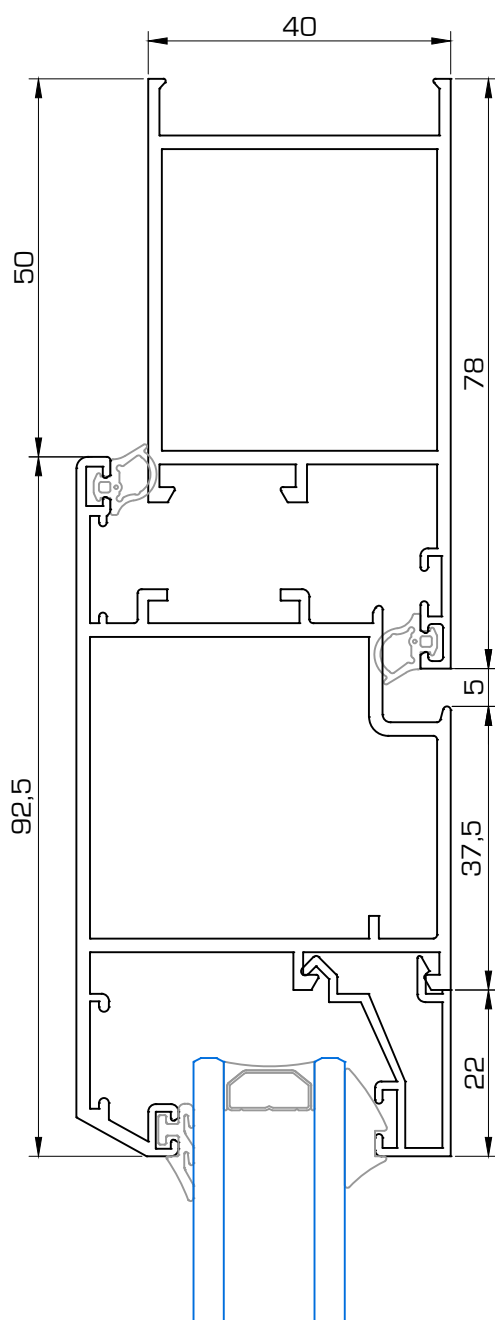
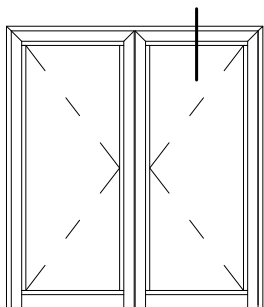


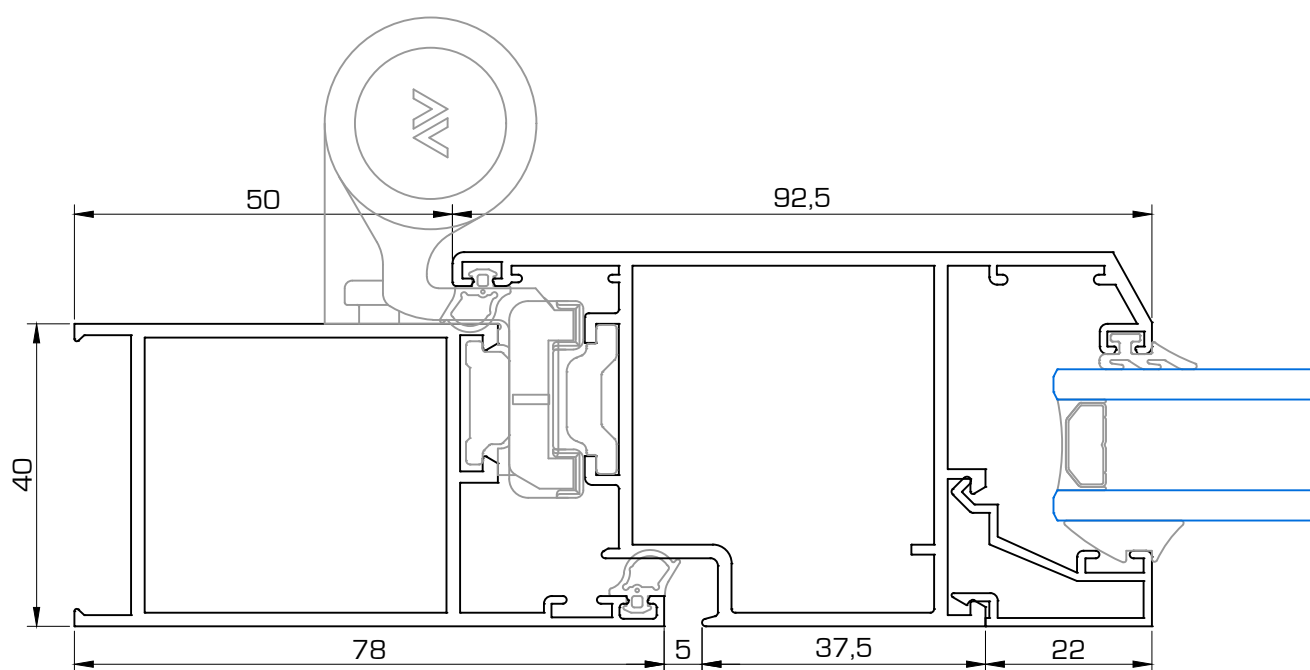
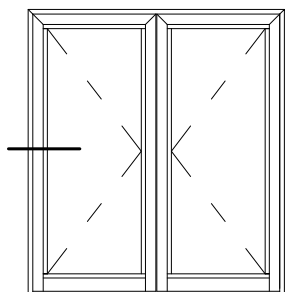


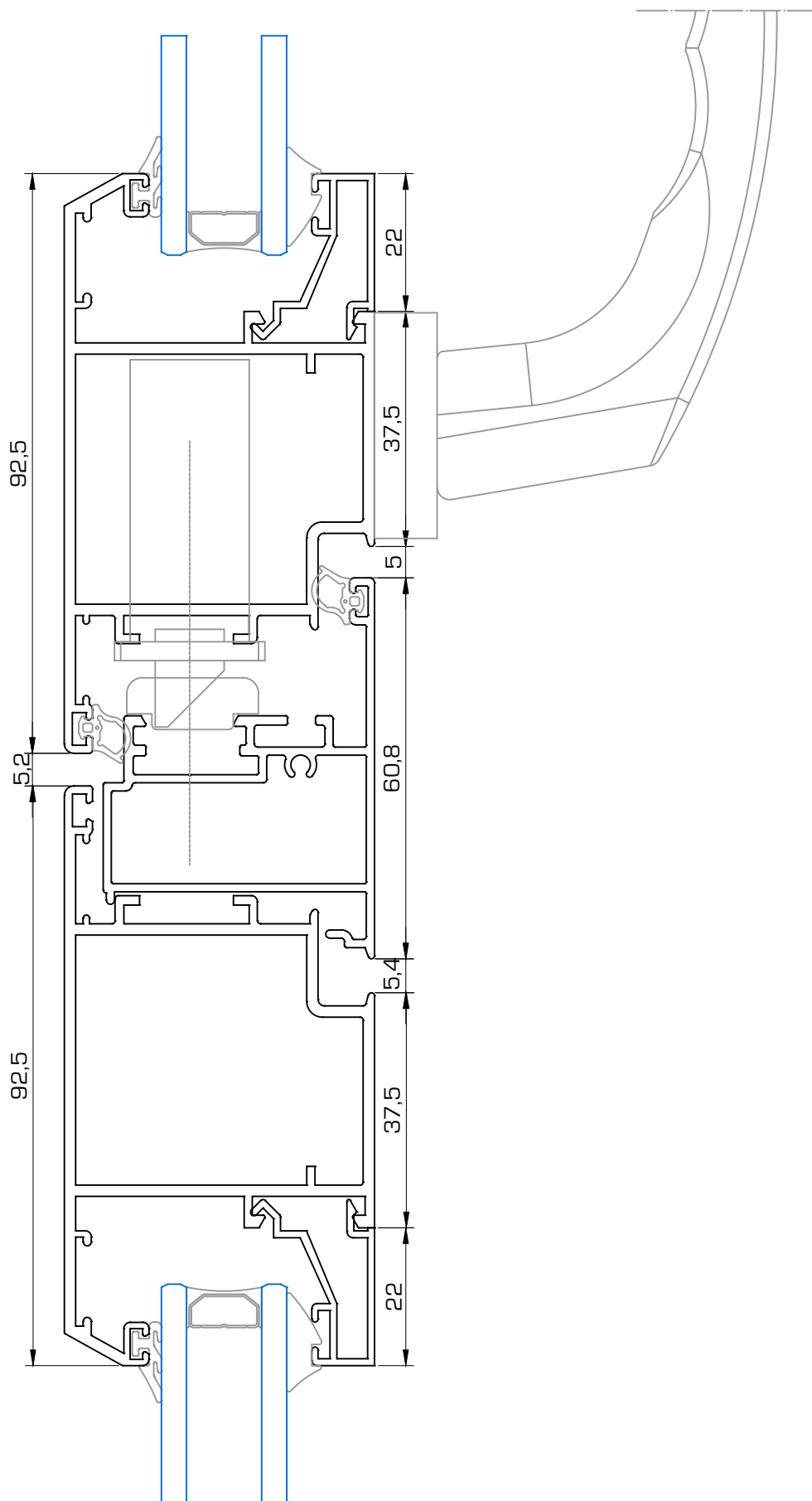
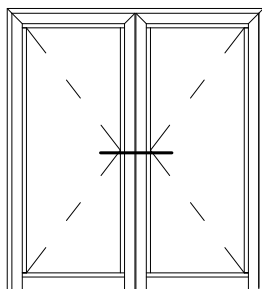


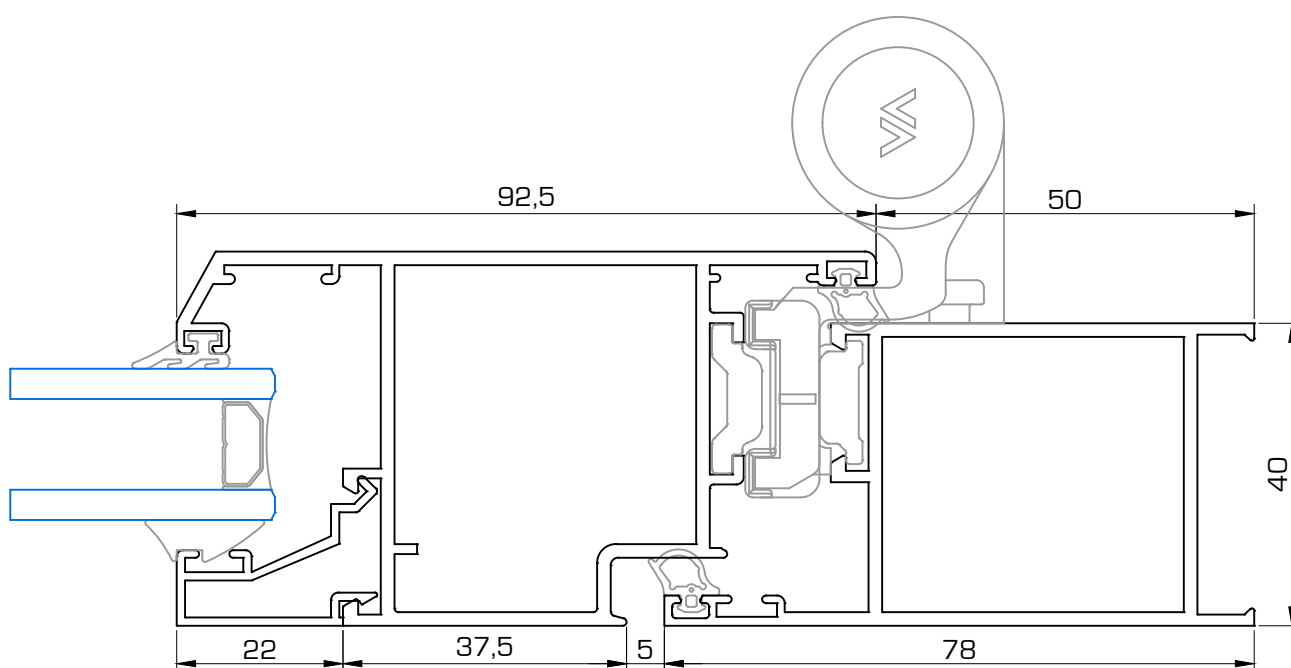
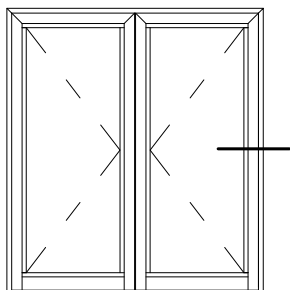


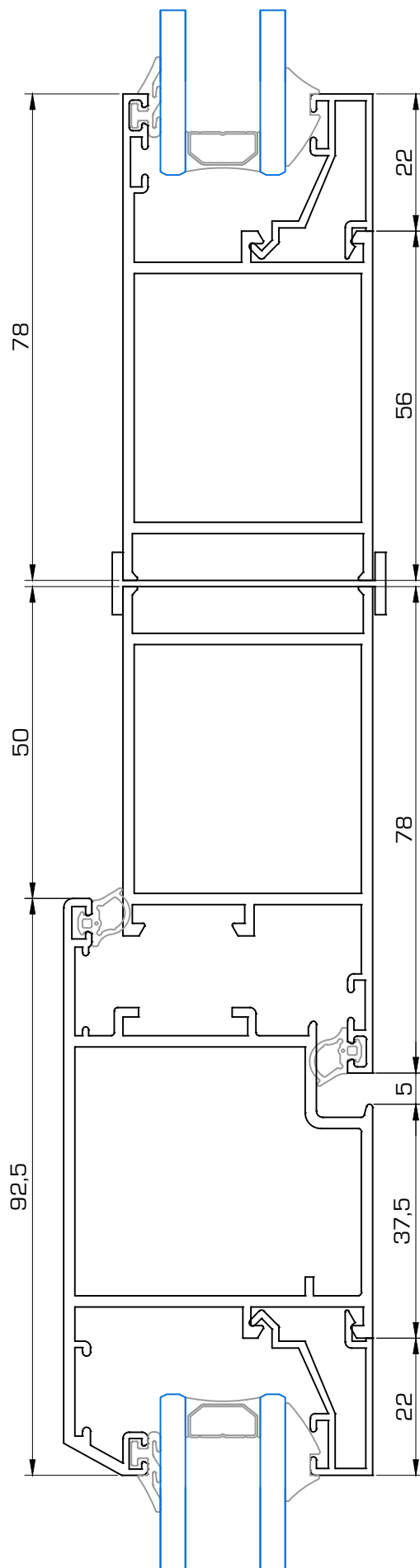
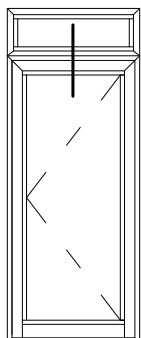




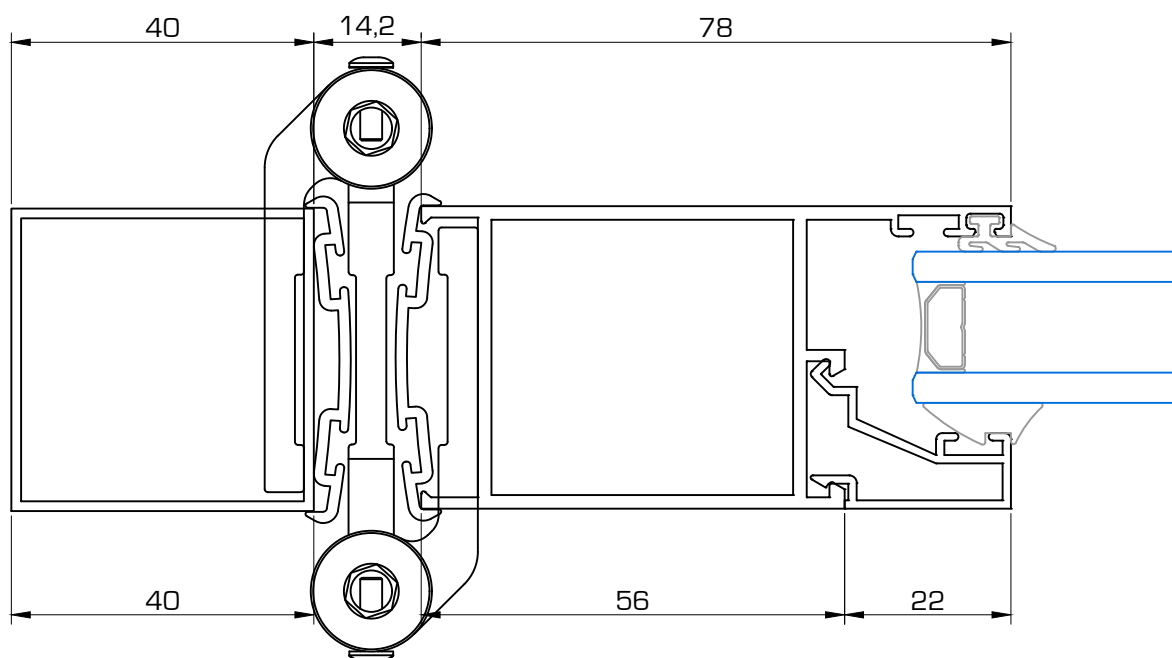
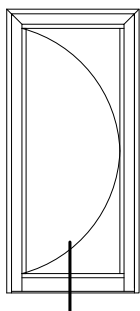






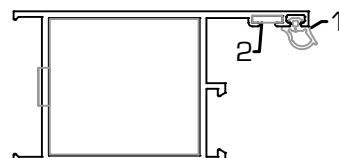


NUDOS
PUERTA VAIVEN

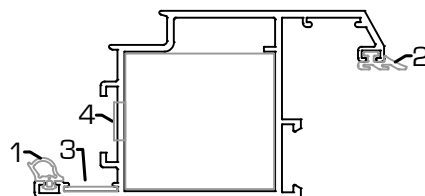


COLOCACIÓN ACCESORIOS

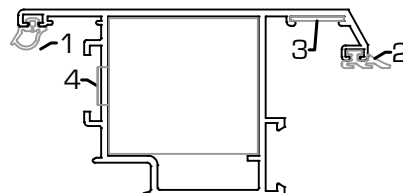
Accesorios Marco puerta reforzada Ref.5490		
1	G069	Goma batiente marco/hoja
2	E030	Escuadra de alineamiento
3	E026	Escuadra interior



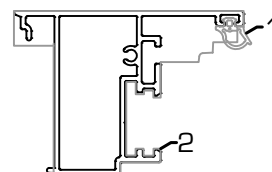
Accesorios Hoja puerta reforzada Ref.5491		
1	G069	Goma batiente marco/hoja
2	G077	Goma exterior para acristalado
3	E031	Escuadra de alineamiento
4	E026	Escuadra interior



Accesorios Hoja apertura exterior puerta reforzada Ref.5498		
1	G069	Goma batiente marco/hoja
2	G077	Goma exterior para acristalado
3	E031	Escuadra de alineamiento
4	E026	Escuadra interior

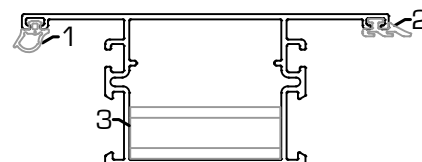


Accesorios Inversor Ref.5402		
1	G069	Goma batiente marco/hoja
2	K041	Tapa inversor

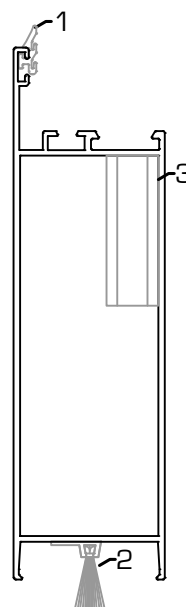


COLOCACIÓN ACCESORIOS

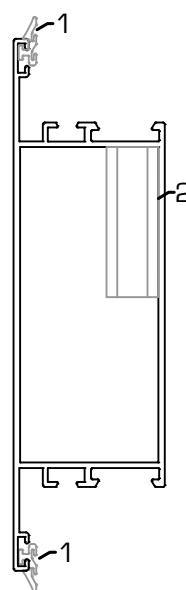
Accesorios Travesaño 40 x 97 Ref.5424		
1	G069	Goma batiente marco/hoja
2	G077	Goma exterior para acristalado
3	U006	Tope unión travesaño



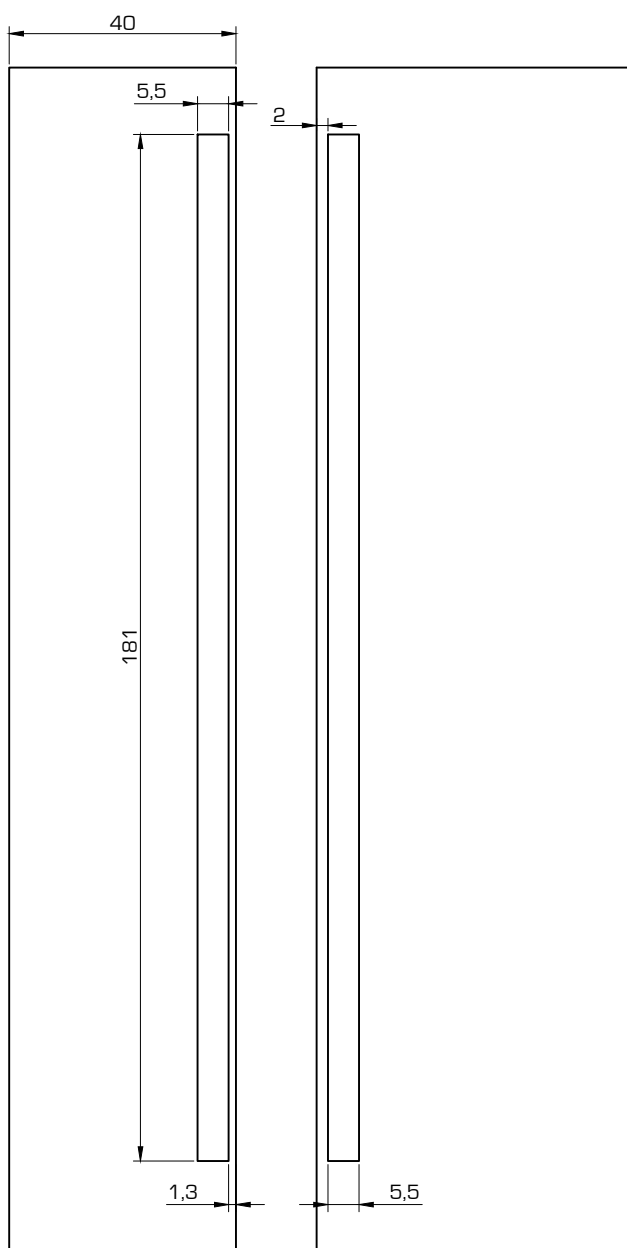
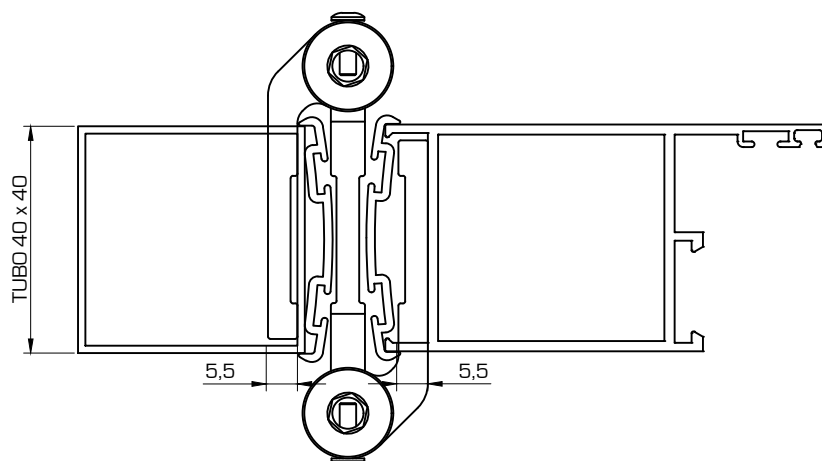
Accesorios Zócalo inferior Ref.1426		
1	G077	Goma exterior para acristalado
2	1453	Cepillo inferior
3	U006	Tope unión travesaño



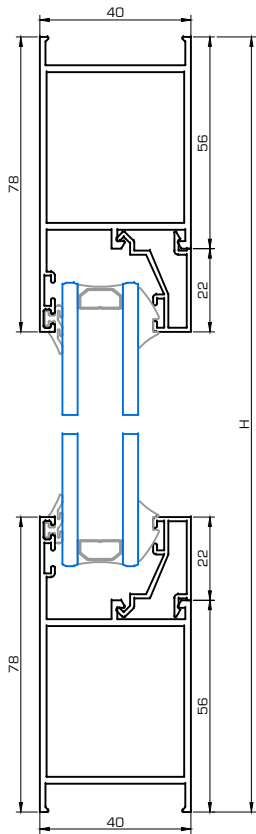
Accesorios Zócalo central Ref.1425		
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2	U006	Tope unión travesaño



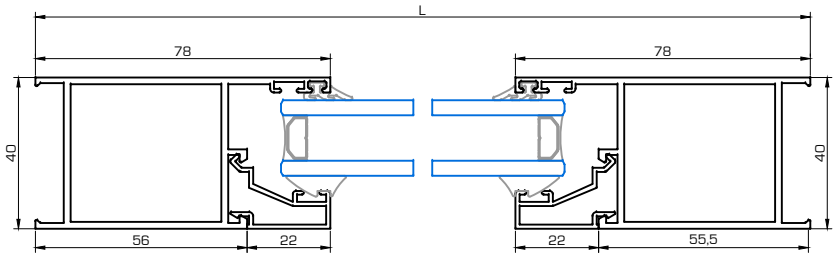
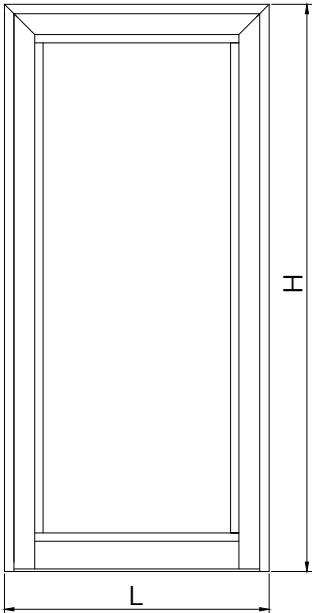
MECANIZADO COLOCACIÓN BISAGRA B010



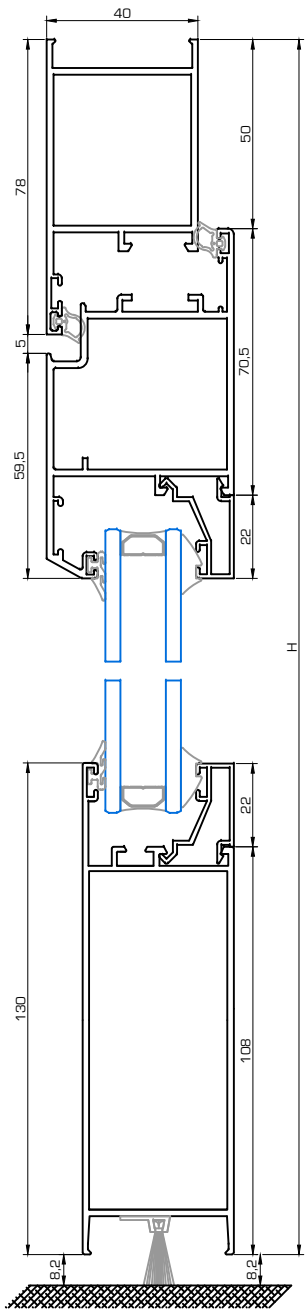
SECCIÓN PUERTA FIJO



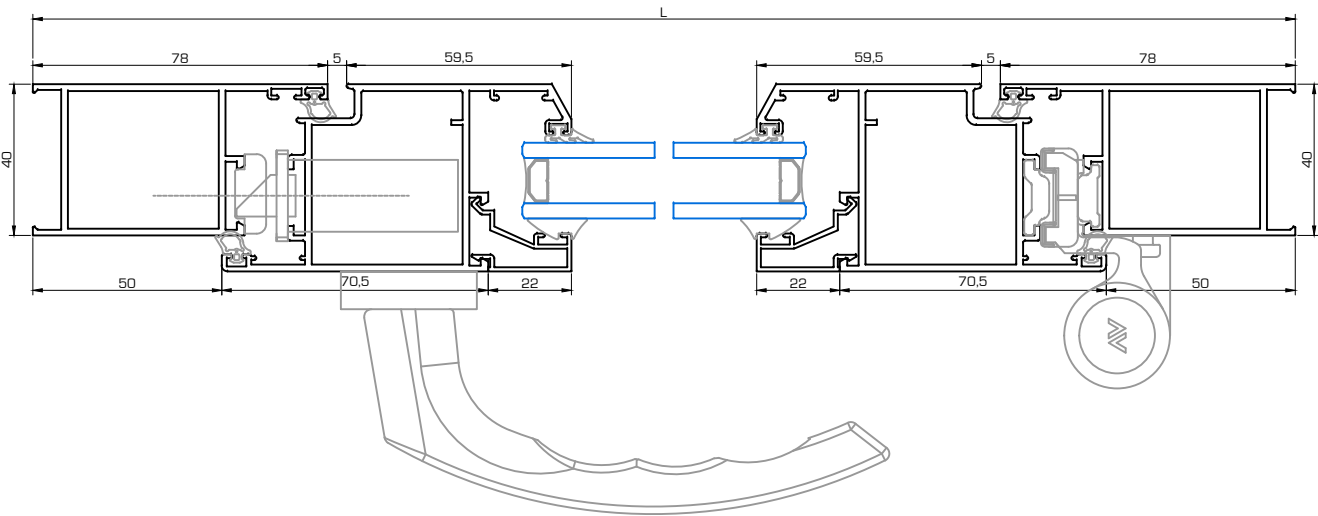
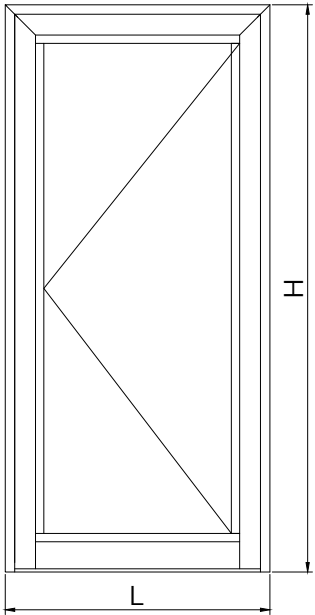
Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5490		Marco horizontal		2	L
		Marco vertical		2	H
Junquillos Clip		Junquillo horizontal		2	L - 112
		Junquillo vertical		2	H - 156
Junquillos Grapa		Junquillo horizontal		2	L - 112
		Junquillo vertical		2	H - 112



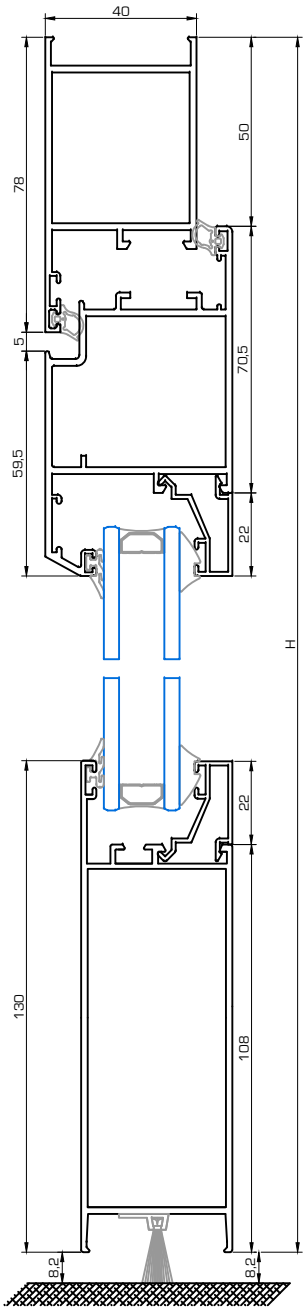
SECCIÓN PUERTA 1 HOJA



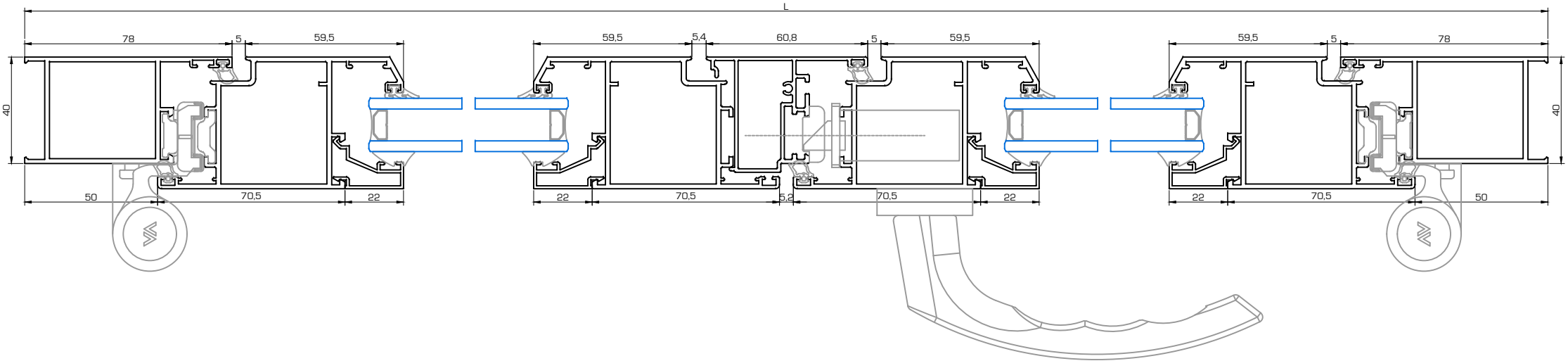
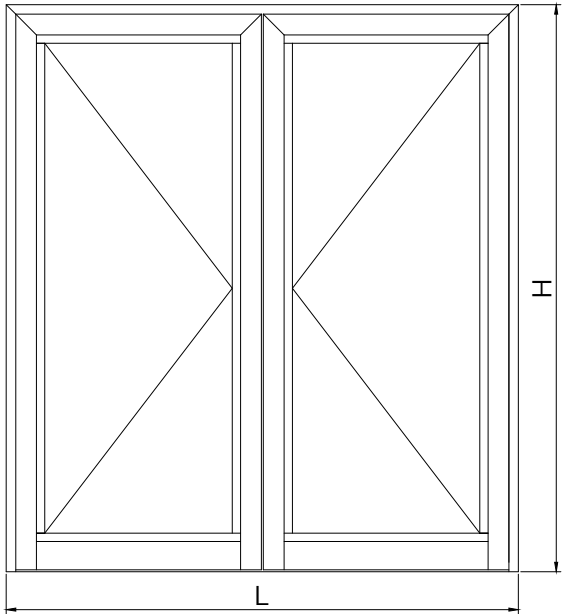
Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5490		Marco horizontal		1	L
		Marco vertical		2	H
5491		Hoja horizontal		1	L - 100
		Hoja vertical		2	H - 65
1426		Zócalo inferior		1	L - 231,4
Junquillos Clip		Junquillo horizontal		2	L - 241
		Junquillo vertical		2	H - 272,5
Junquillos Grapa		Junquillo horizontal		2	L - 241
		Junquillo vertical		2	H - 228,5



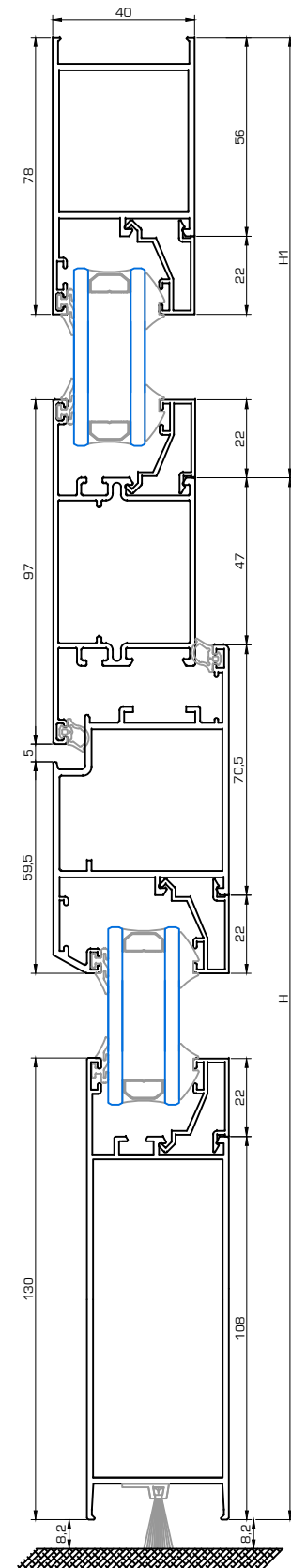
SECCIÓN PUERTA 2 HOJAS



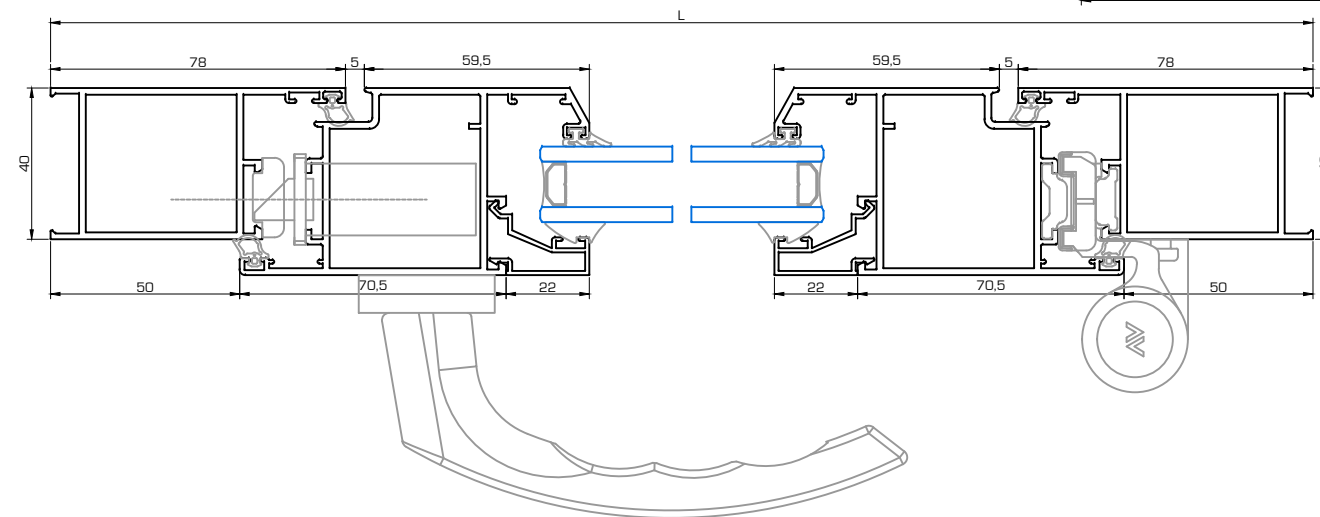
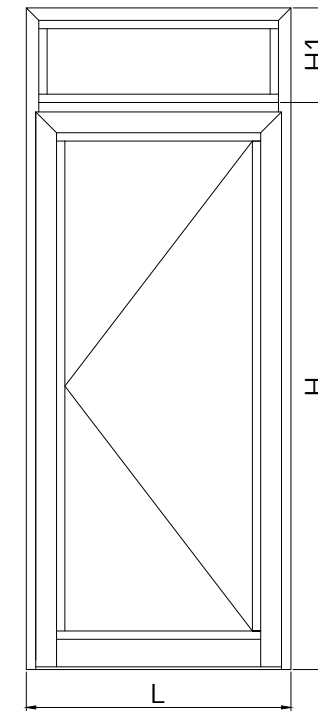
Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5490		Marco horizontal		1	L
		Marco vertical		2	H
5491		Hoja horizontal		2	(L-105,2)/2
		Hoja vertical		4	H - 65
5402		Inversor		1	H - 102,1
1426		Zócalo inferior		2	(L-368)/2
Junquillos Clip		Junquillo horizontal		4	(L-387,2)/2
		Junquillo vertical		4	H - 272,5
Junquillos Grapa		Junquillo horizontal		4	(L-387,2)/2
		Junquillo vertical		4	H - 228,5



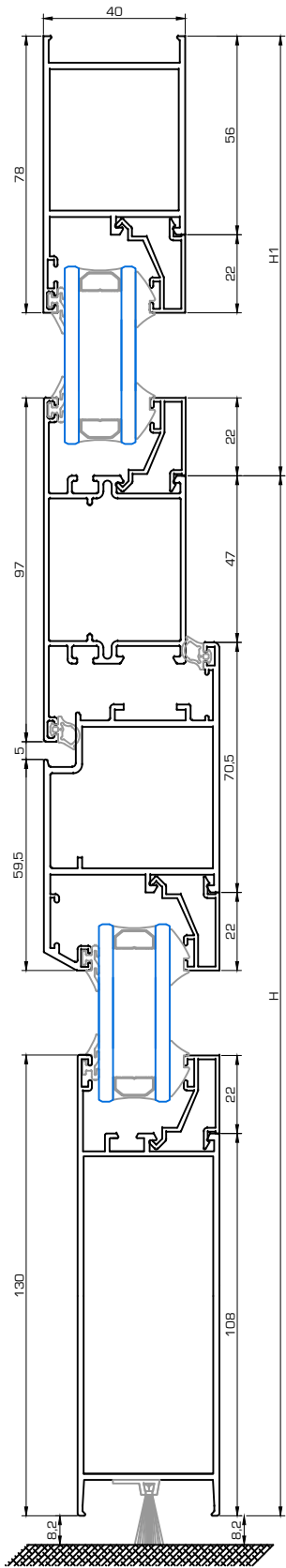
SECCIÓN PUERTA 1 HOJA CON FIJO SUPERIOR



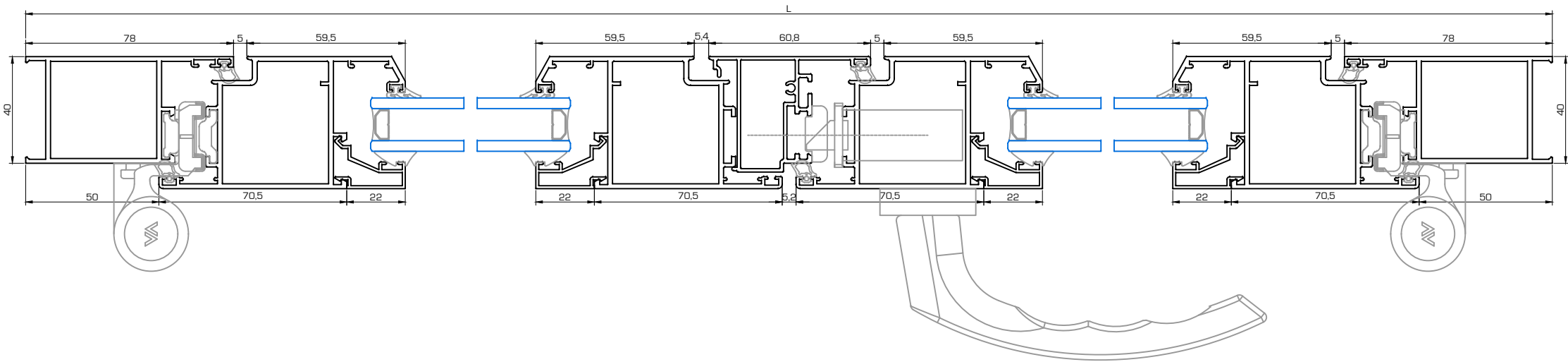
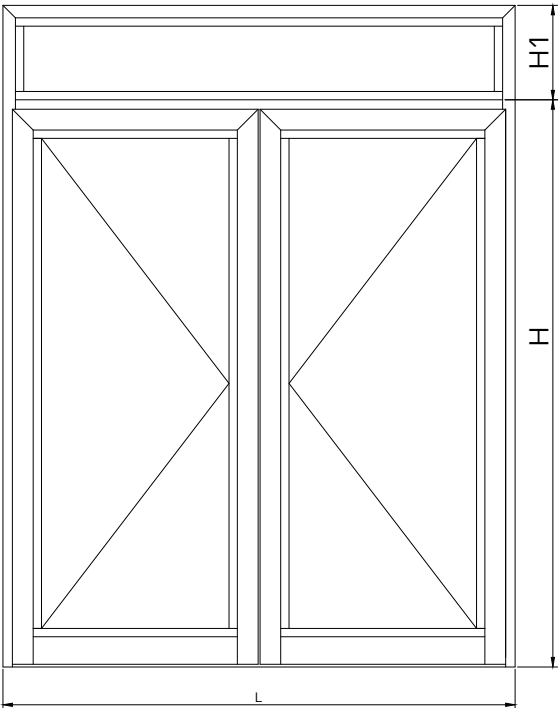
Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5490		Marco horizontal		1	L
		Marco vertical		2	H + H1
5491		Hoja horizontal		1	L - 105,2
		Hoja vertical		2	H - 55,2
5424		Travesaño		1	L - 102,4
1426		Zócalo inferior		1	L - 231,4
Junquillos Clip (hojas)		Junquillo horizontal		2	L - 241
		Junquillo vertical		2	H - 272,5
Junquillos Grapa (hojas)		Junquillo horizontal		2	L - 241
		Junquillo vertical		2	H - 228,5
Junquillos Clip (fijo)		Junquillo horizontal		2	L - 112
		Junquillo vertical		2	H1 - 100
Junquillos Grapa (fijo)		Junquillo horizontal		2	L - 112
		Junquillo vertical		2	H1 - 56



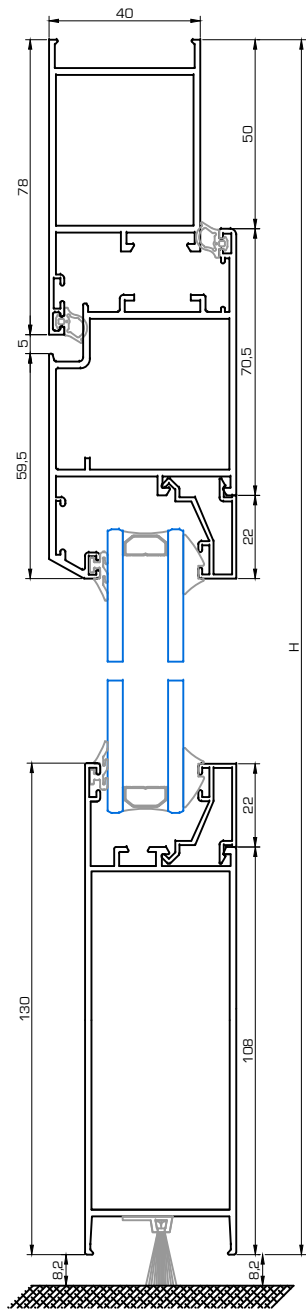
SECCIÓN PUERTA 2 HOJAS CON FIJO



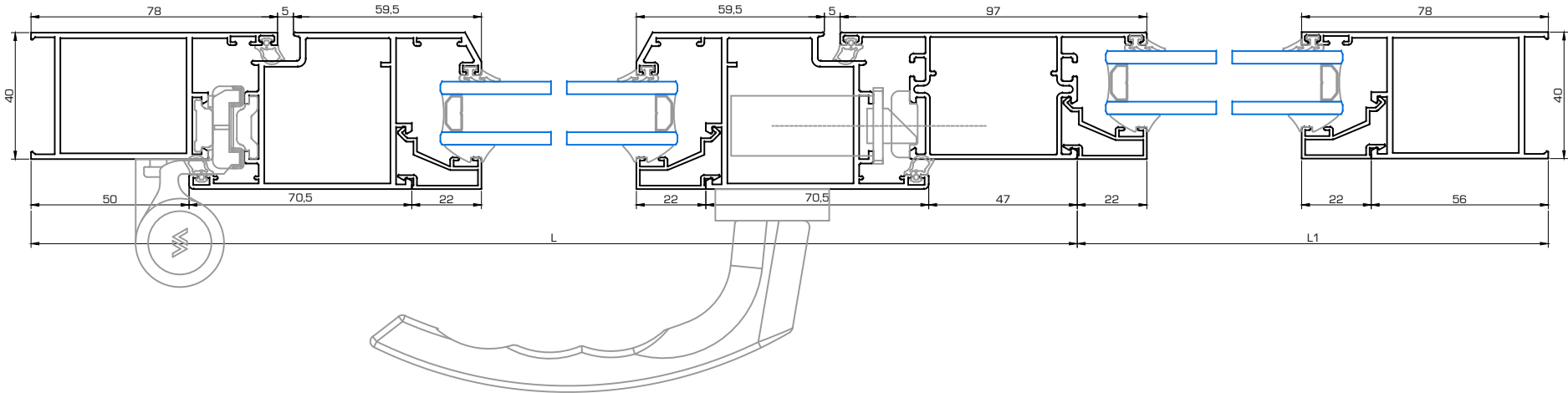
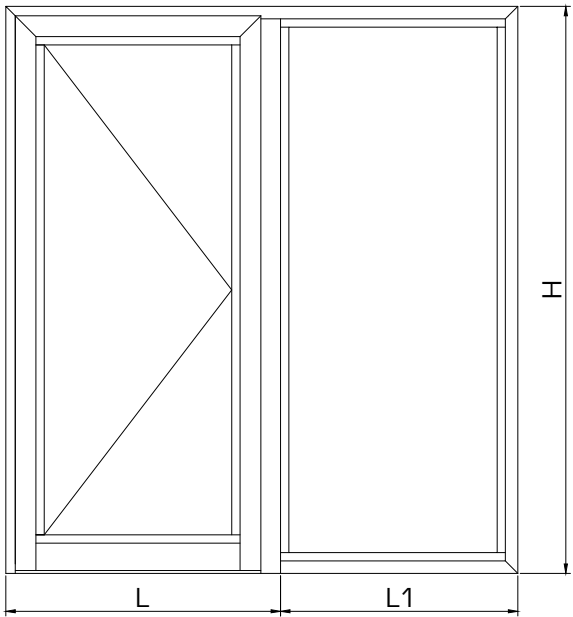
Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5490		Marco horizontal		1	L
		Marco vertical		2	H + H1
5491		Hoja horizontal		2	(L-105,2)/2
		Hoja vertical		4	H - 55,2
5402		Inversor		1	H - 92,3
5424		Travesaño		1	L - 102,4
1426		Zócalo inferior		2	(L-368)/2
Junquillos Clip (hoja)		Junquillo horizontal		4	(L-387,2)/2
		Junquillo vertical		4	H - 272,5
Junquillos Grapa (hoja)		Junquillo horizontal		4	(L-387,2)/2
		Junquillo vertical		4	H - 228,5
Junquillos Clip (fijo)		Junquillo horizontal		2	L - 112
		Junquillo vertical		2	H1 - 100
Junquillos Grapa (fijo)		Junquillo horizontal		2	L - 112
		Junquillo vertical		2	H1 - 56



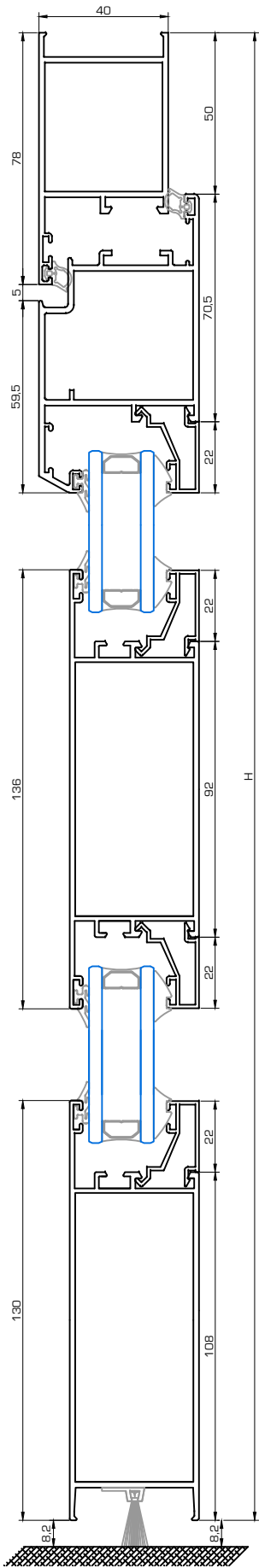
SECCIÓN PUERTA 1 HOJA CON FIJO LATERAL



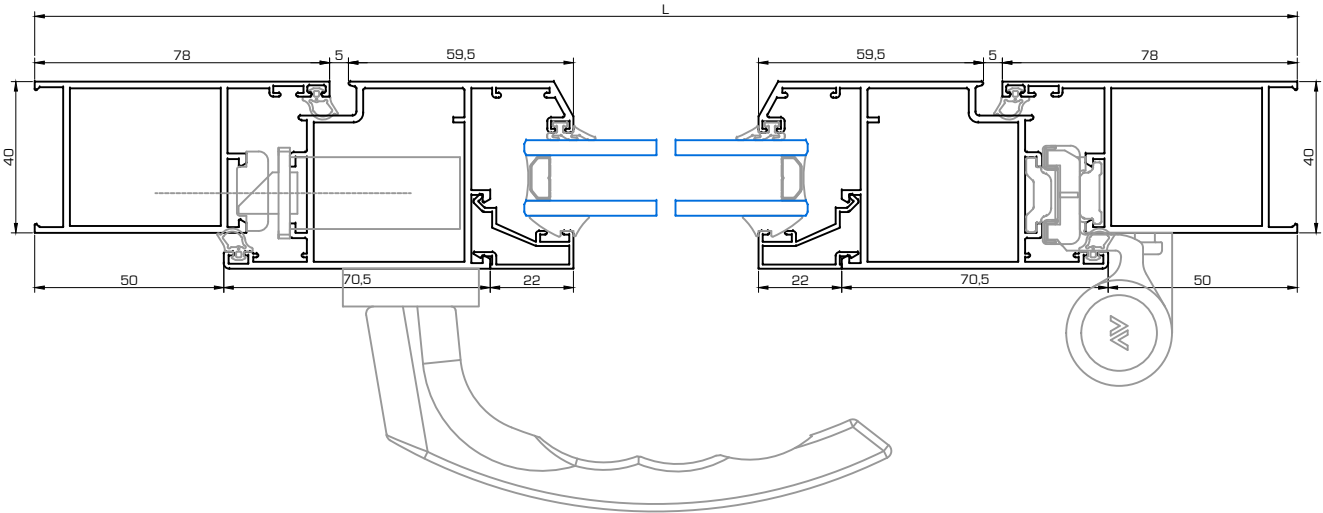
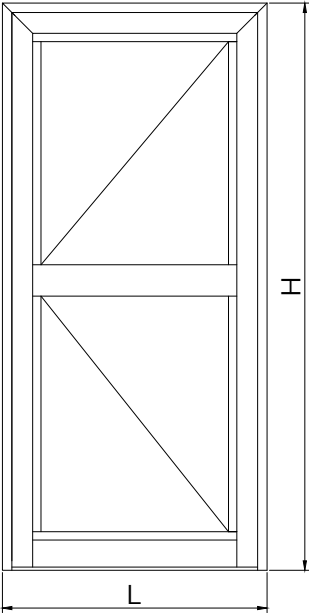
Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5490		Marco horizontal		1	L + L1
		Marco horizontal		1	L1
		Marco vertical		1	H
		Marco vertical		1	H
5491		Hoja horizontal		1	L - 97
		Hoja vertical		2	H - 65
5424		Travesaño		1	H - 51,2
1426		Zócalo inferior		2	L - 228,4
Junquillos Clip (hojas)		Junquillo horizontal		2	L - 238
		Junquillo vertical		2	H - 272,5
Junquillos Grapa (hojas)		Junquillo horizontal		2	L - 238
		Junquillo vertical		2	H - 228,5
Junquillos Clip (fijo)		Junquillo horizontal		2	L1 - 56
		Junquillo vertical		2	H - 156
Junquillos Grapa (fijo)		Junquillo horizontal		2	L1 - 56
		Junquillo vertical		2	H - 112



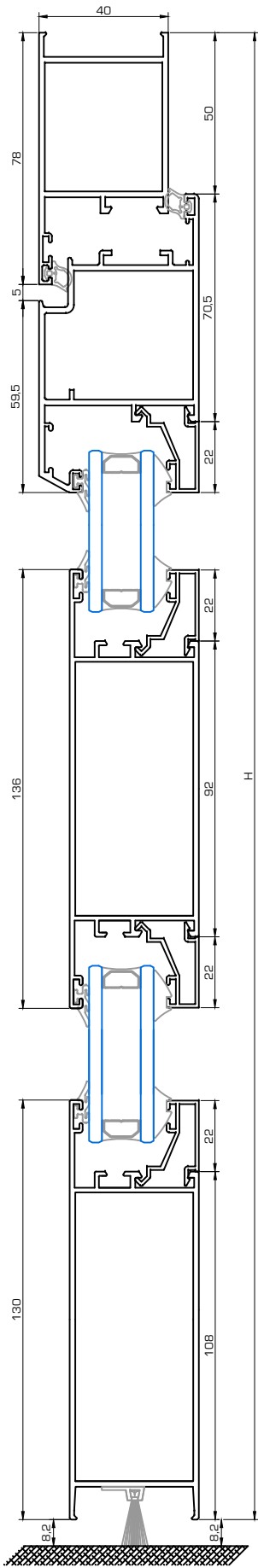
SECCIÓN PUERTA 1 HOJA CON ZÓCALO CENTRAL



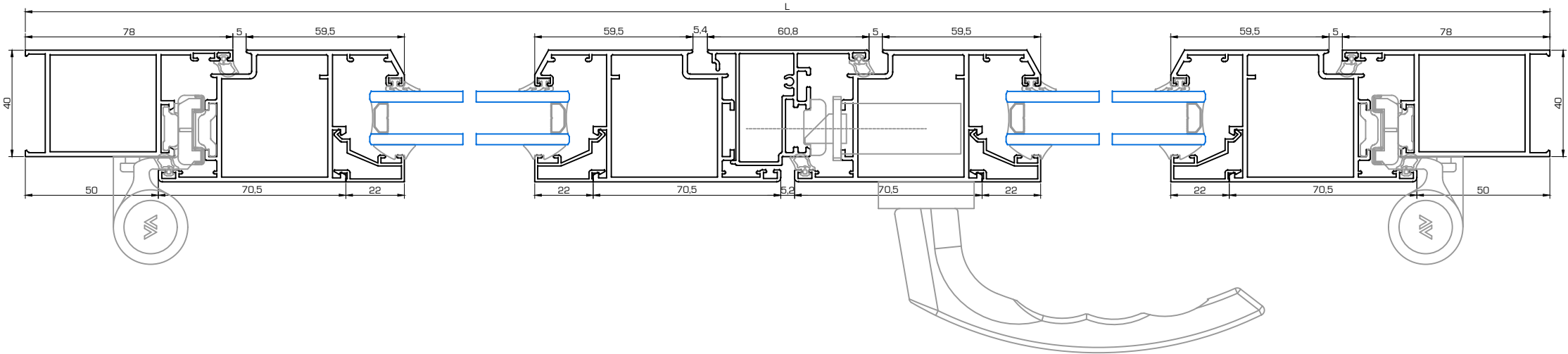
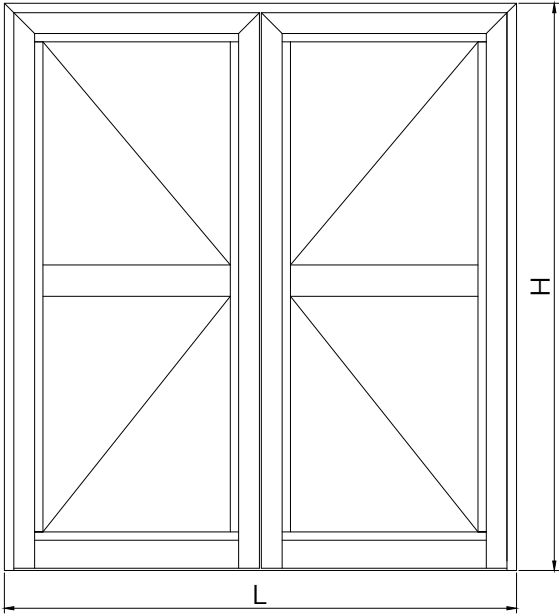
Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5490		Marco horizontal		1	L
		Marco vertical		2	H
5491		Hoja horizontal		1	L - 105,2
		Hoja vertical		2	H - 65
1425		Zócalo central		1	L - 231,4
1426		Zócalo inferior		1	L - 231,4
Junquillos Clip (hojas)		Junquillo horizontal		4	L - 241
		Junquillo vertical		4	(H - 408,5)/2
Junquillos Grape (hojas)		Junquillo horizontal		4	L - 241
		Junquillo vertical		4	(H - 320,5)/2



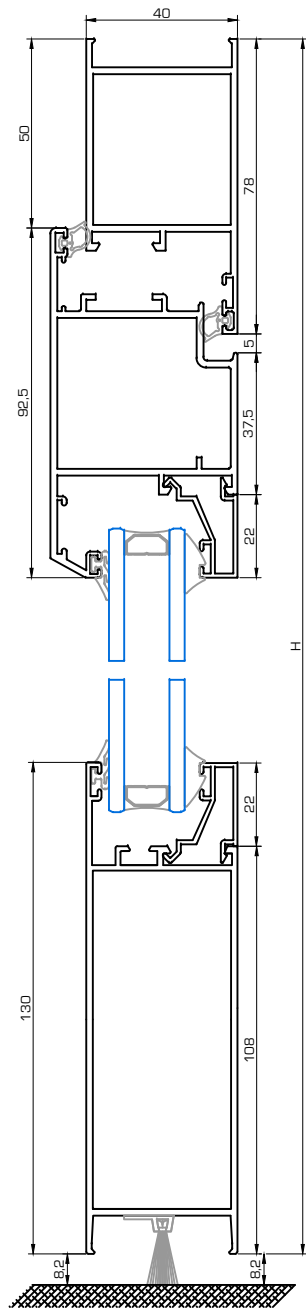
SECCIÓN PUERTA 2 HOJAS CON ZÓCALO CENTRAL



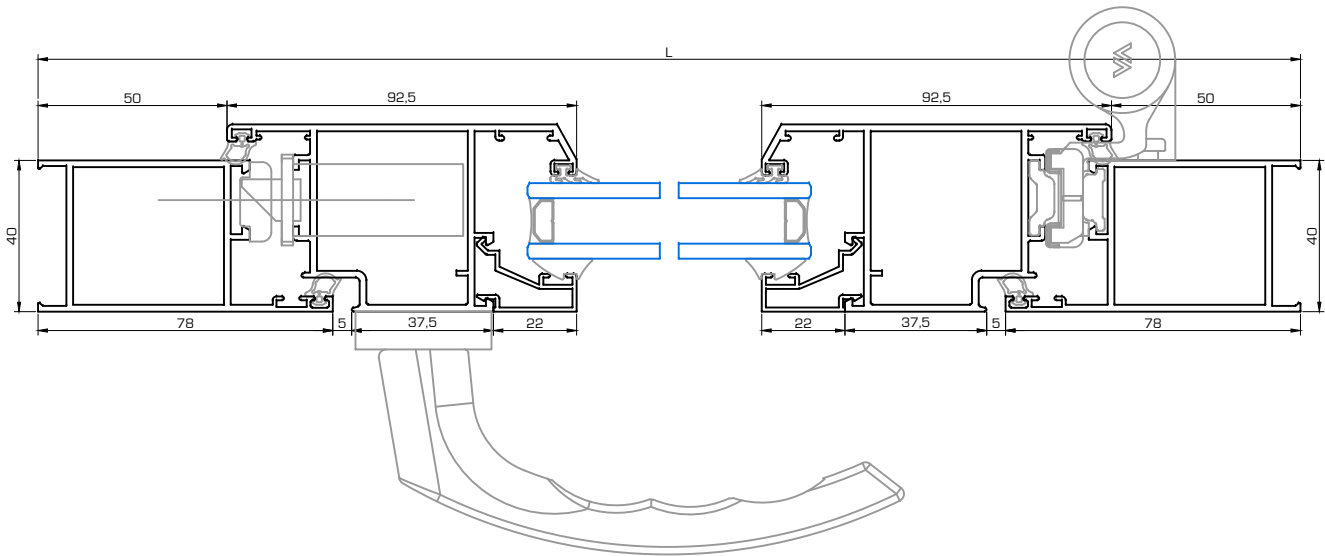
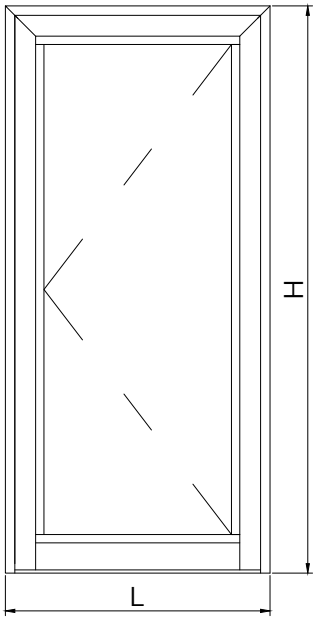
Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5490		Marco horizontal		1	L
		Marco vertical		2	H
5491		Hoja horizontal		2	(L-105,2)/2
		Hoja vertical		4	H - 65
5402		Inversor		1	H - 102,1
1425		Zócalo central		2	(L-368)/2
1426		Zócalo inferior		2	(L-368)/2
Junquillos Clip		Junquillo horizontal		8	(L-387,2)/2
		Junquillo vertical		8	(H - 408,5)/2
Junquillos Grapa		Junquillo horizontal		8	(L-387,2)/2
		Junquillo vertical		8	(H - 320,5)/2



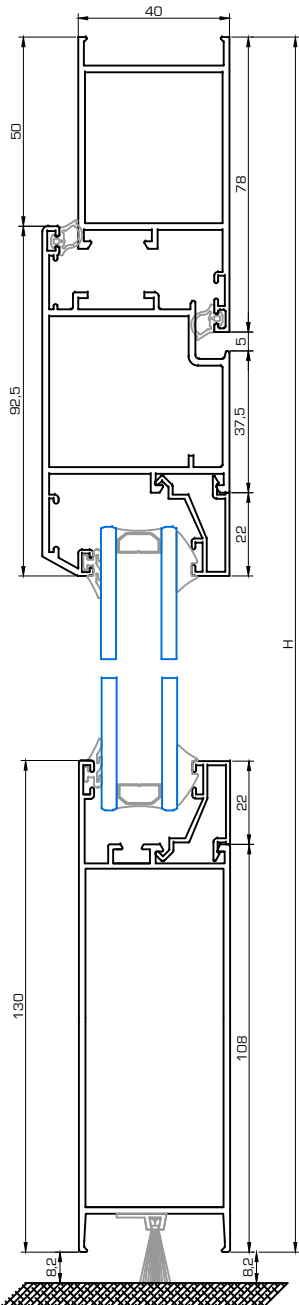
SECCIÓN PUERTA APERTURA EXTERIOR 1 HOJA



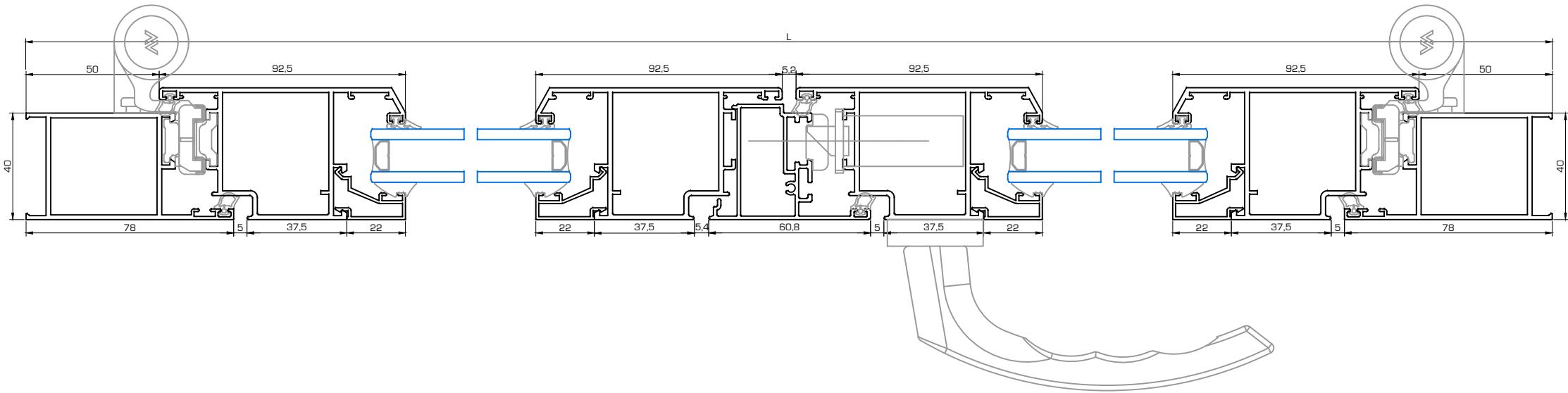
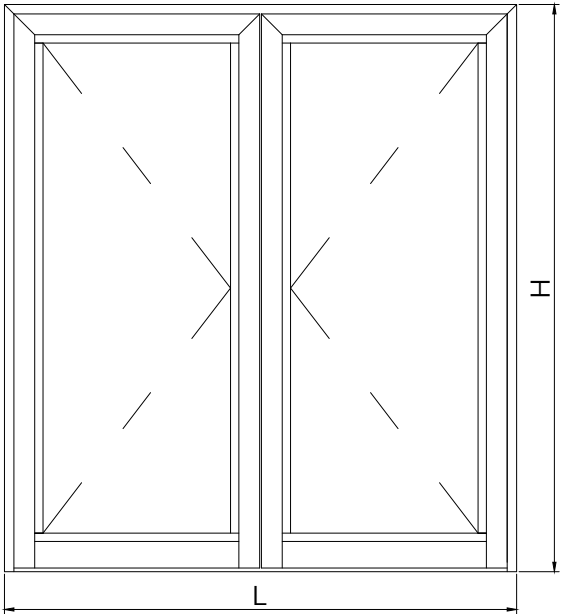
Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5490		Marco horizontal		1	L
		Marco vertical		2	H
5498		Hoja horizontal		1	L - 100
		Hoja vertical		2	H - 65
1426		Zócalo inferior		1	L - 231,4
Junquillos Clip		Junquillo horizontal		2	L - 241
		Junquillo vertical		2	H - 272,5
Junquillos Gropa		Junquillo horizontal		2	L - 241
		Junquillo vertical		2	H - 228,5



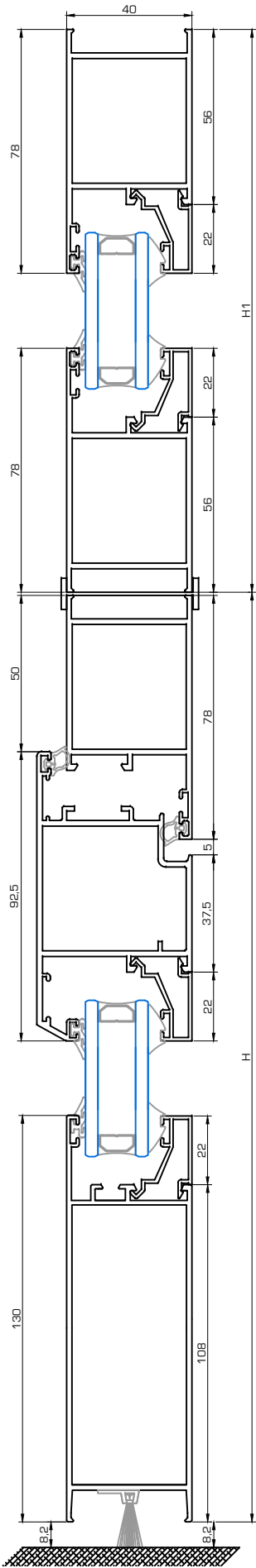
SECCIÓN PUERTA APERTURA EXTERIOR 2 HOJAS



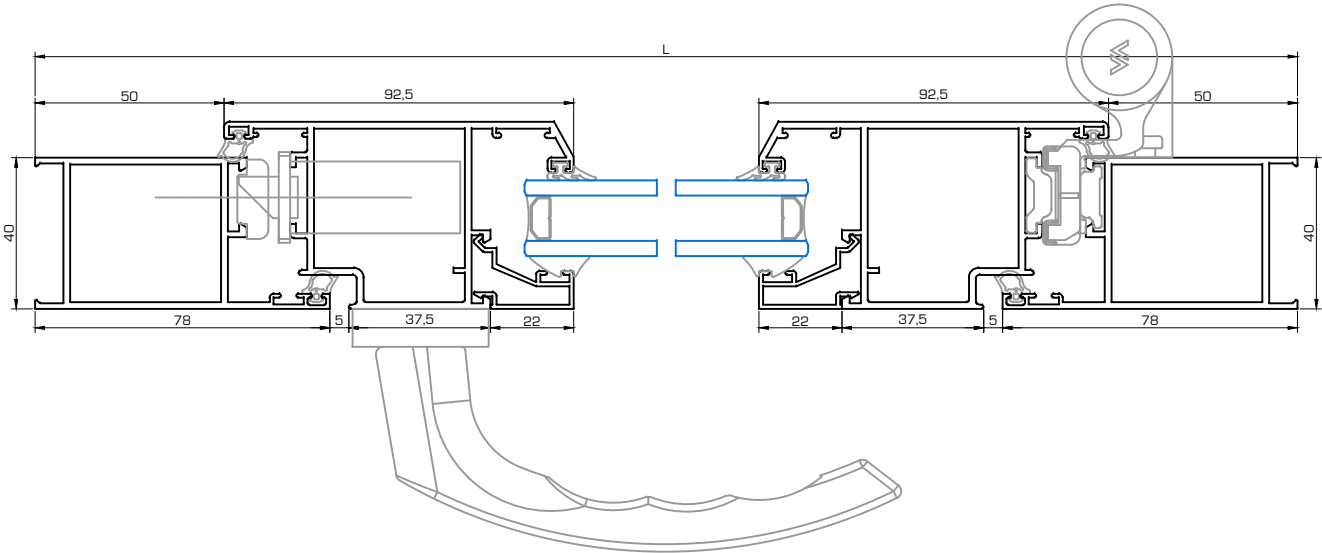
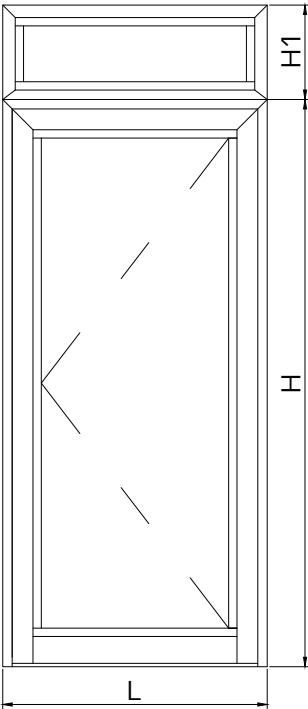
Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5490		Marco horizontal		1	L
		Marco vertical		2	H
5498		Hoja horizontal		2	(L-105,2)/2
		Hoja vertical		4	H - 65
5402		Inversor		1	H - 102,1
1426		Zócalo inferior		2	(L-368)/2
Junquillos Clip		Junquillo horizontal		4	(L-387,2)/2
		Junquillo vertical		4	H - 272,5
Junquillos Grapa		Junquillo horizontal		4	(L-387,2)/2
		Junquillo vertical		4	H - 228,5



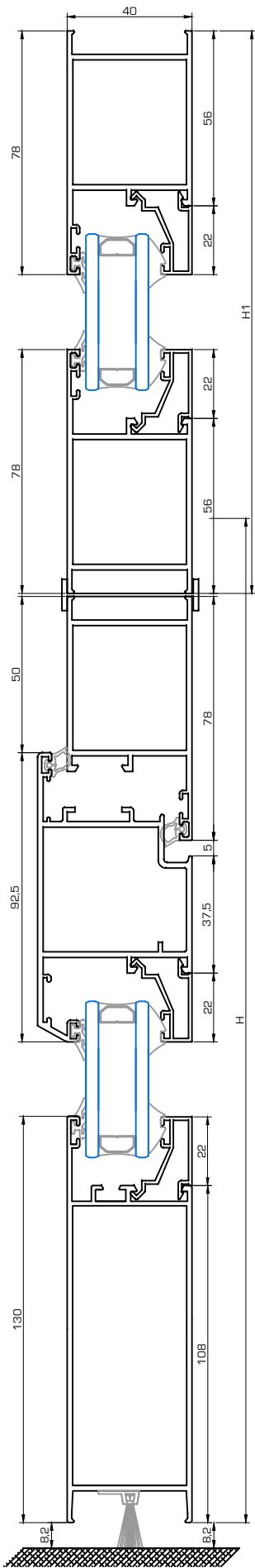
SECCIÓN PUERTA APERTURA EXTERIOR 1 HOJA CON FIJO SUPERIOR



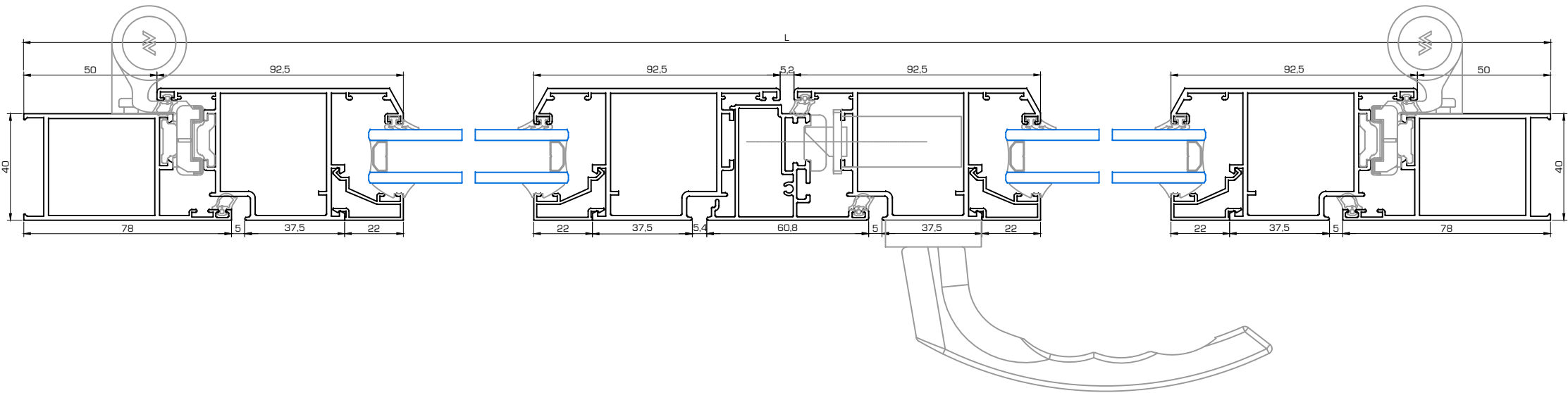
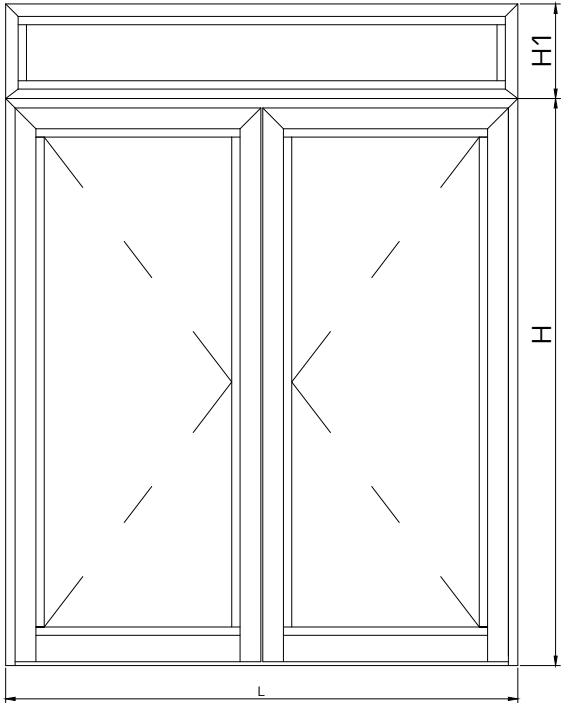
Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5490		Marco horizontal		3	L
		Marco vertical		2	H
		Marco vertical		2	H1
5498		Hoja horizontal		1	L - 100
		Hoja vertical		2	H - 65
1426		Zócalo inferior		1	L - 231,4
435		Unión exterior		1	L
Junquillos Clip (hojas)		Junquillo horizontal		2	L - 241
		Junquillo vertical		2	H - 273,5
Junquillos Grapa (hojas)		Junquillo horizontal		2	L - 241
		Junquillo vertical		2	H - 229,5
Junquillos Clip (fijo)		Junquillo horizontal		2	L - 112
		Junquillo vertical		2	H1 - 156
Junquillos Grapa (fijo)		Junquillo horizontal		2	L - 112
		Junquillo vertical		2	H1 - 112



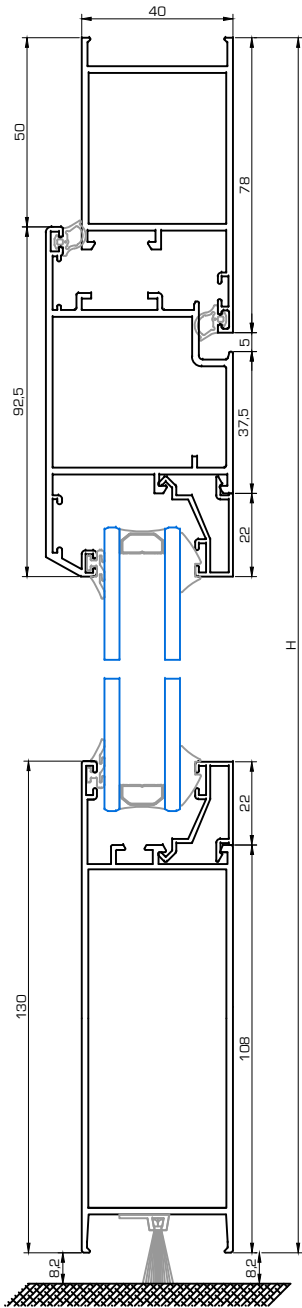
SECCIÓN PUERTA APERTURA EXTERIOR 2 HOJAS CON FIJO SUPERIOR



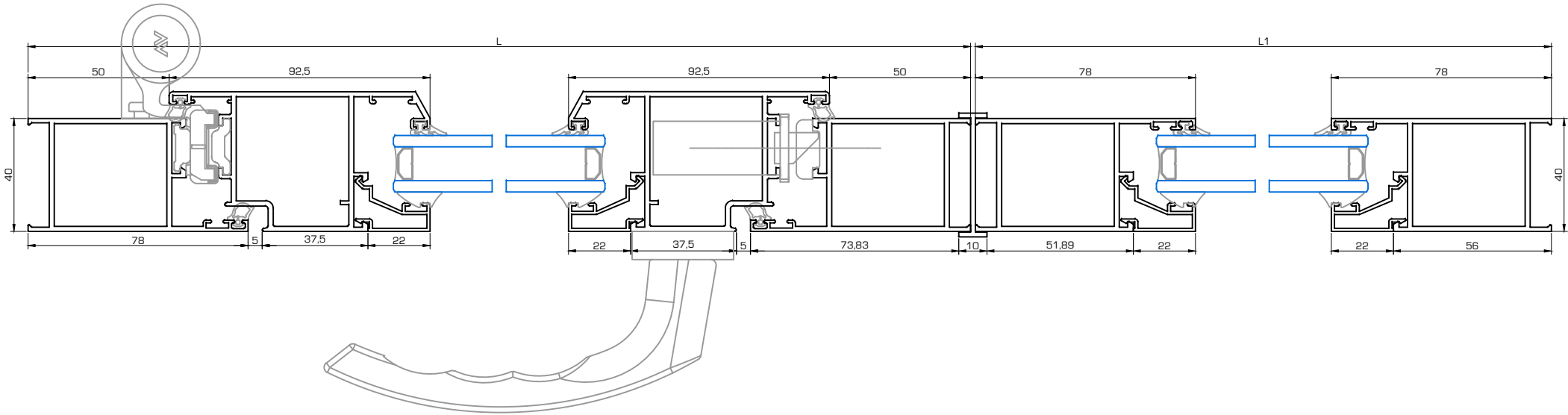
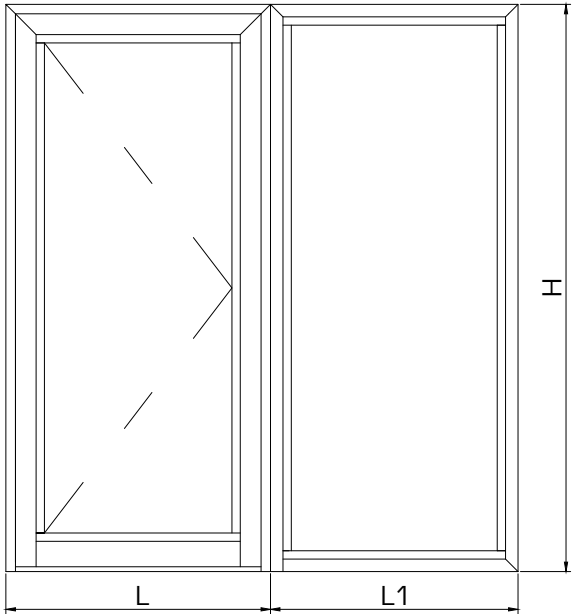
Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5490		Marco horizontal		3	L
		Marco vertical		2	H
		Marco vertical		2	H1
5498		Hoja horizontal		2	(L-105,2)/2
		Hoja vertical		4	H - 65
5402		Inversor		1	H - 103,1
1426		Zócalo inferior		2	(L-368)/2
435		Unión exterior		1	L
Junquillos Clip (hojas)		Junquillo horizontal		4	(L-387,2)/2
		Junquillo vertical		4	H - 273,5
Junquillos Grapa (hojas)		Junquillo horizontal		4	(L-387,2)/2
		Junquillo vertical		4	H - 229,5
Junquillos Clip (fijo)		Junquillo horizontal		2	L - 112
		Junquillo vertical		2	H1 - 156
Junquillos Grapa (fijo)		Junquillo horizontal		2	L - 112
		Junquillo vertical		2	H1 - 112



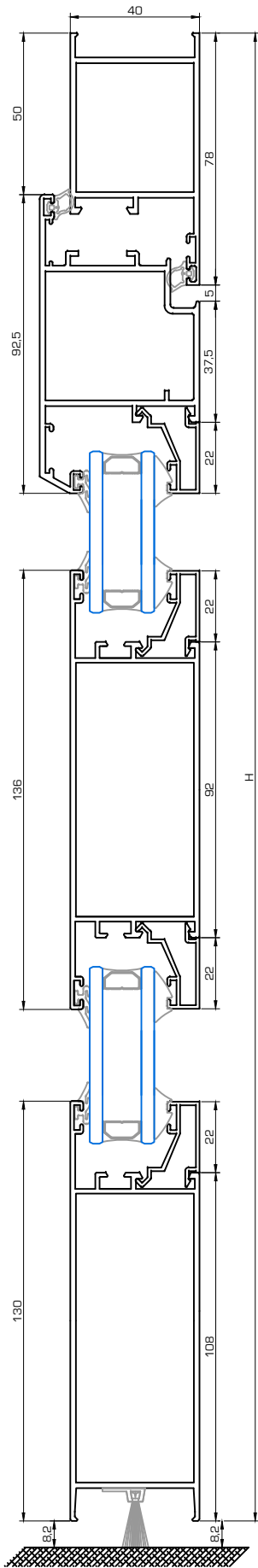
SECCIÓN PUERTA APERTURA EXTERIOR 1 HOJA CON FIJO LATERAL



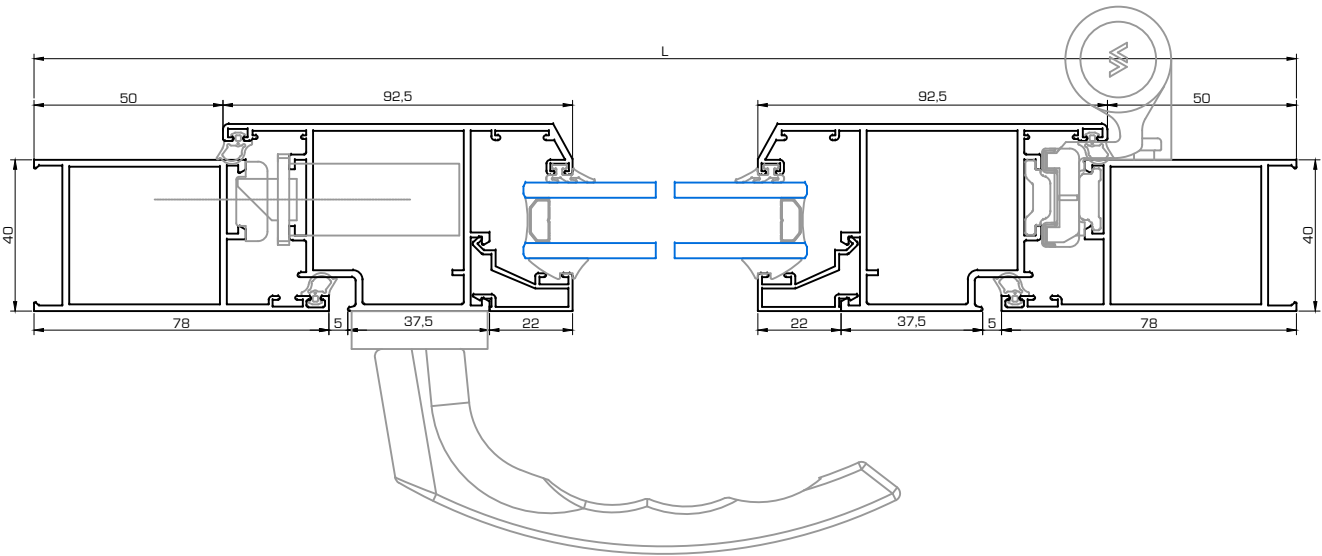
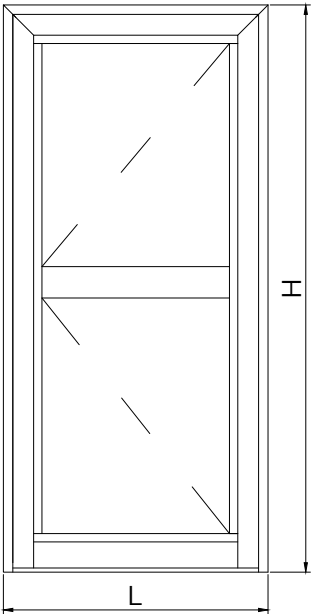
Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5490		Marco horizontal		1	L
		Marco horizontal		1	L1
		Marco vertical		1	H
		Marco vertical		3	H
5498		Hoja horizontal		1	L - 100
		Hoja vertical		2	H - 65
1426		Zócalo inferior		2	L - 231,4
435		Unión exterior		1	H
Junquillos Clip (hojas)		Junquillo horizontal		2	L - 241
		Junquillo vertical		2	H - 272,5
Junquillos Grapa (hojas)		Junquillo horizontal		2	L - 241
		Junquillo vertical		2	H - 228,5
Junquillos Clip (fijo)		Junquillo horizontal		2	L1 - 112
		Junquillo vertical		2	H - 156
Junquillos Grapa (fijo)		Junquillo horizontal		2	L1 - 112
		Junquillo vertical		2	H - 112



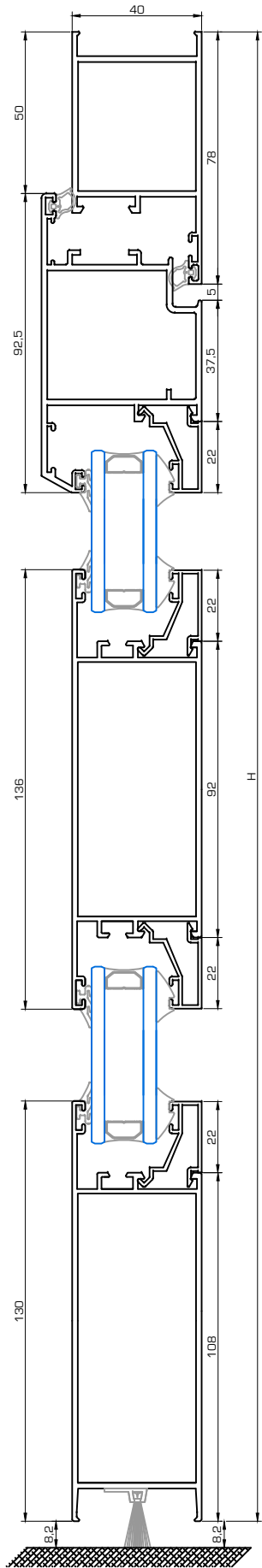
SECCIÓN PUERTA APERTURA EXTERIOR 1 HOJA CON ZÓCALO CENTRAL



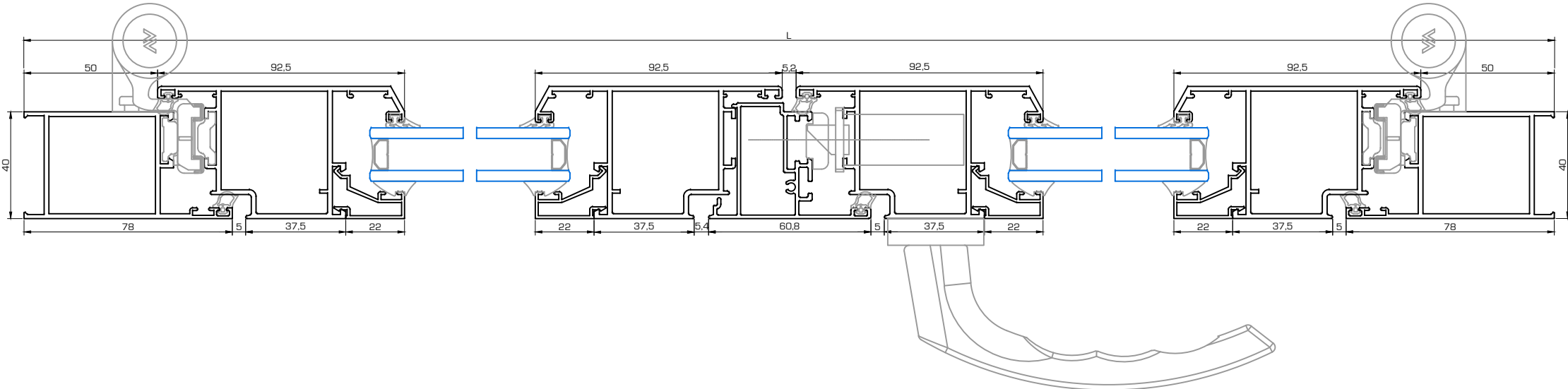
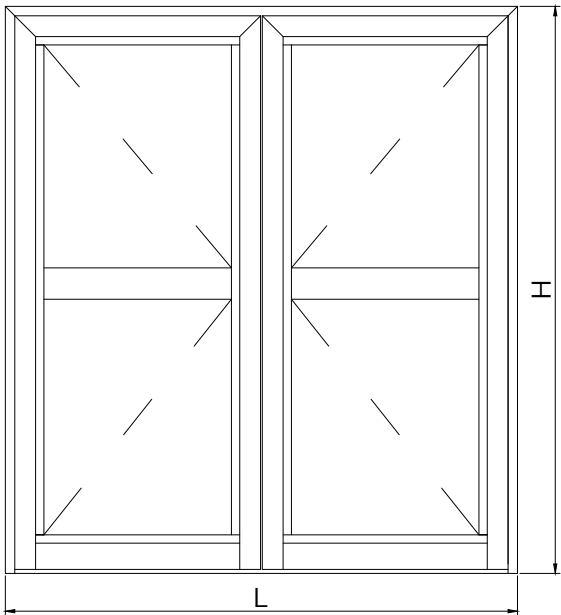
Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5490		Marco horizontal		1	L
		Marco vertical		2	H
5498		Hoja horizontal		1	L - 100
		Hoja vertical		2	H - 65
1425		Zócalo central		1	L - 231,4
1426		Zócalo inferior		1	L - 231,4
Junquillos Clip (hojas)		Junquillo horizontal		4	L - 241
		Junquillo vertical		4	(H - 408,5)/2
Junquillos Grapa (hojas)		Junquillo horizontal		4	L - 241
		Junquillo vertical		4	(H - 320,5)/2



SECCIÓN PUERTA APERTURA EXTERIOR 2 HOJAS CON ZÓCALO CENTRAL



Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5490		Marco horizontal		1	L
		Marco vertical		2	H
5498		Hoja horizontal		2	(L-117,2)/2
		Hoja vertical		4	H - 71
5402		Inversor		1	H - 102,1
1425		Zócalo central		2	(L-412)/2
1426		Zócalo inferior			(L-412)/2
Junquillos Clip		Junquillo horizontal		8	(L-412)/2
		Junquillo vertical		8	(H - 408,5)/2
Junquillos Grapa		Junquillo horizontal		8	(L-412)/2
		Junquillo vertical		8	(H - 320,5)/2



SISTEMAS PARA LA ARQUITECTURA MODERNA



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