

Sistema

AZ

Sistema AZ

Sistema de batente de câmara europeia.

Características do sistema

Sistema de batente com câmara europeia e tripla vedação em EPDM (exterior, central, interior).
O sistema AZ possibilita a execução de 4 versões de caixilharia:

1. Versão linha recta (sob encomenda);
2. Versão linha curva;
3. Versão linha tradição (sob encomenda);
4. Versão linha oval (sob encomenda);

Perfis de alumínio

Os perfis de alumínio são extrudidos na liga de alumínio 6060 para arquitectura de acordo com norma NP EN 12020-02.
Espessura média dos perfis de alumínio de 1.5 mm para janelas e portas;

Aros fixos

Secção dos aros fixos de 40 mm ou 72 mm ;
Aros fixos com esquadro para montagem a meia esquadria;

Aros móveis

Secção dos aros móveis de 48 mm ;
Enchimento para vidro simples ou duplo de 4 mm a 32 mm;
Aros móveis de linha recta, curva, tradição (sob encomenda) sem bite ou oval sem bite;
Aros móveis com esquadro para montagem a meia esquadria;
Perfil inversor de linha recta ou tradição.

Dimensionamento e manobralidade

Dimensões mínimas - máximas de FOLHA : 375 mm - 1700 mm (L); 410 mm - 2700 mm (H);
Peso máximo 120 Kg folha com oscilo-batente;
Peso máximo 65 Kg folha para janelas de abrir;
Peso máximo 120 Kg folha com dobradiça porta;

4

Possibilidades de abertura: batente interior (com ou sem oscilo-batente), exterior, basculante, projectante e harmónio;
Estanquidade assegurada através de juntas triplas em EPDM;

Performances

Sistema certificado por laboratório notificado para ensaios tipo inicial (ITT) de acordo com a norma de produto EN 14351-1 para efeitos de Marcação CE.

Categorias alcançadas na avaliação do sistema AZ tipologia janela:

1. Permeabilidade ao ar: Classe 4 (norma de ensaio EN 1026)
2. Estanquidade à água: Classe 9A (norma de ensaio EN 1027)
3. Resistência ao vento: Classe C5 (norma de ensaio EN 12211)

Categorias alcançadas na avaliação do sistema AZ tipologia porta:

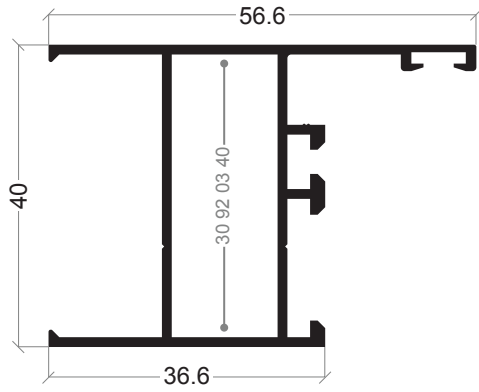
1. Permeabilidade ao ar: Classe 3 (norma de ensaio EN 1026)
2. Estanquidade à água: Classe 8A (norma de ensaio EN 1027)
3. Resistência ao vento: Classe C2 (norma de ensaio EN 12211)
4. Resistência à torção estática: Apto 350N (norma de ensaio EN 14609)

Coefficiente de transmissão térmica de vão de 2 folhas com 1.20m x 1.50m com vidro Ug= 1.4 W/m²K :

· Uw = 2.92 W/m²K

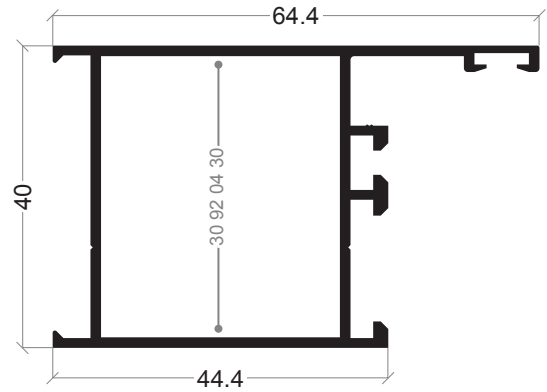
Coefficiente de atenuação acústica de vão de 2 folhas com vidro 4/12/4:

· Rw (C ; Ctr) = 33 dB (-1; -4)



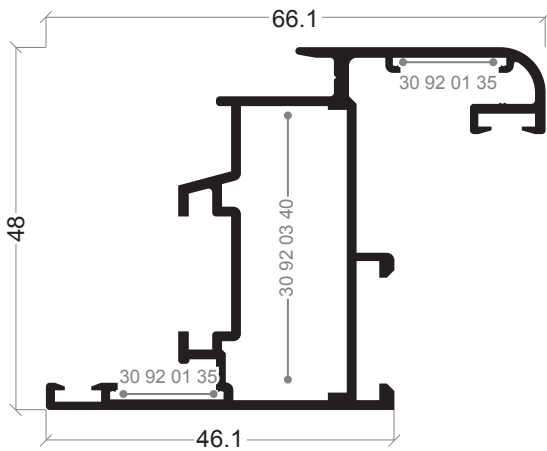
AZ-33

Aro fixo



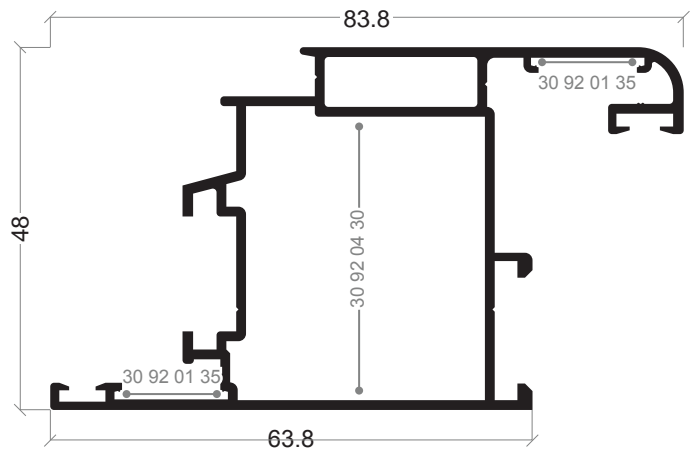
AZ-11

Aro fixo



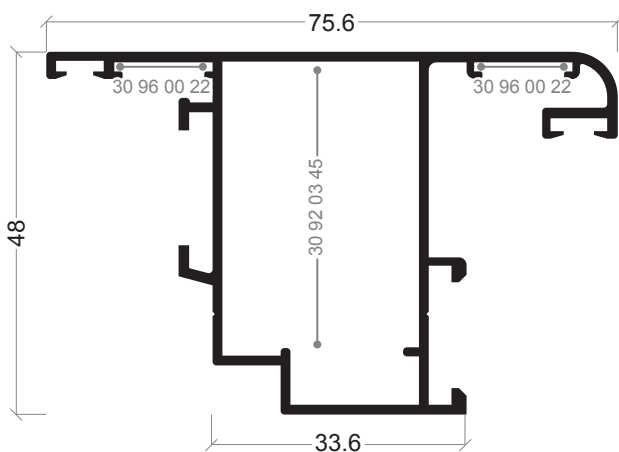
AZ-05

Aro móvel



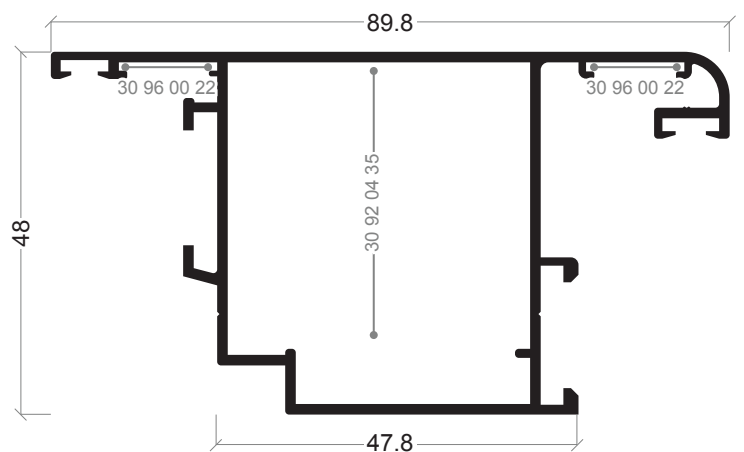
AZ-10

Aro móvel



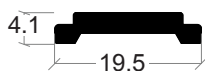
AZ-15

Aro móvel ab. ext.



AZ-14

Aro móvel ab. ext.



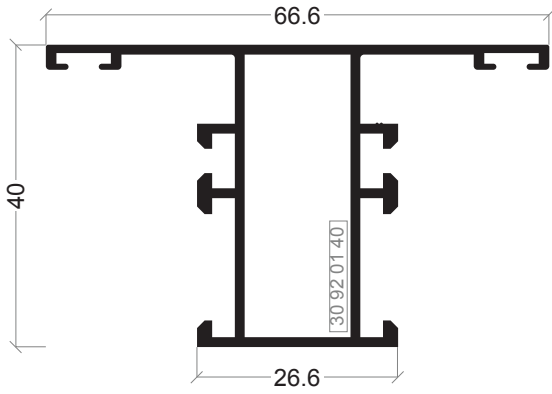
OK-19

Vareta PVC

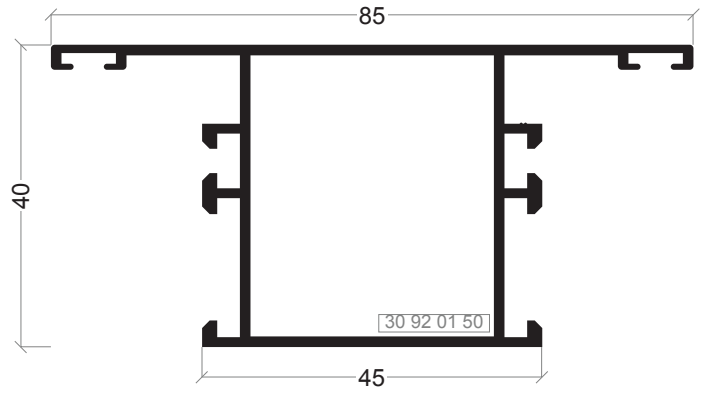


A1-18

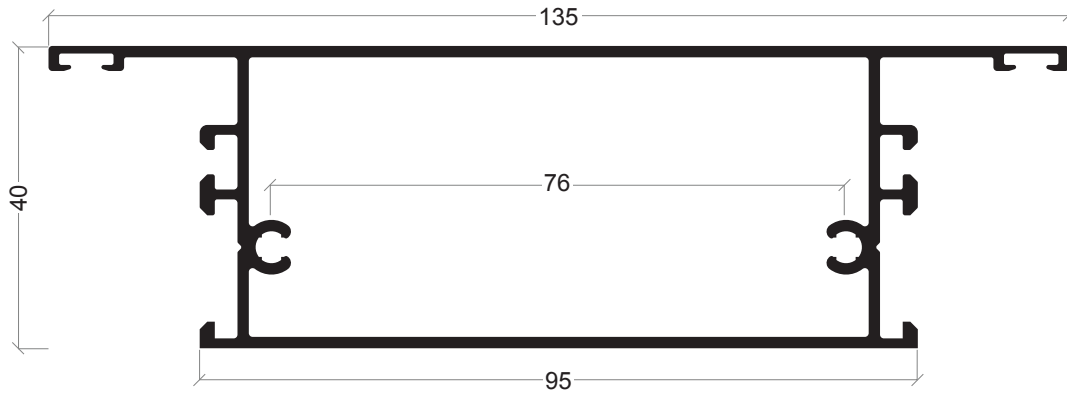
Perfil de remate



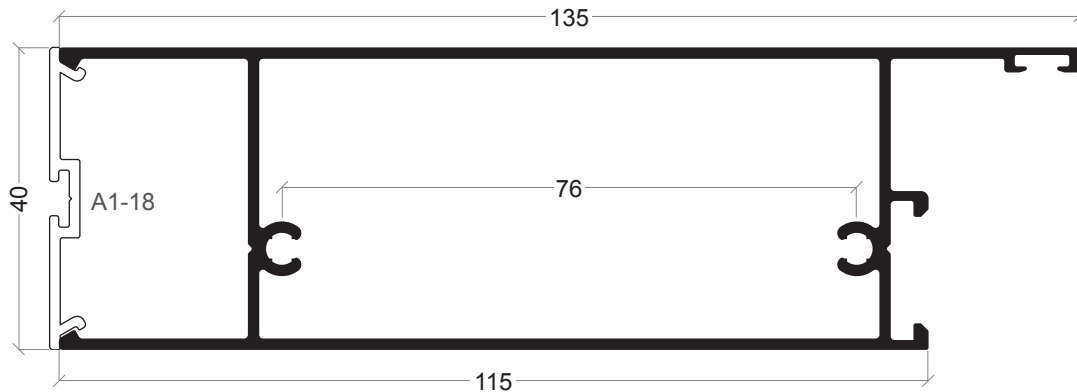
AZ-01
Travessa



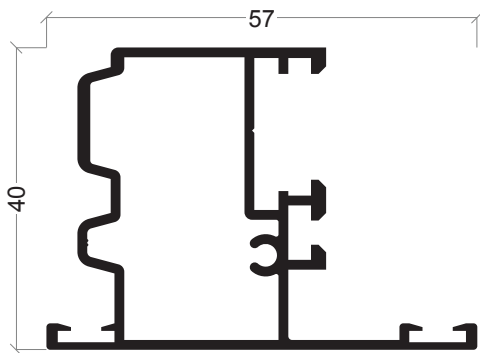
AZ-09
Travessa



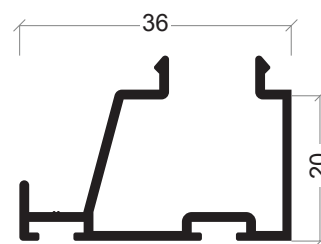
AZ-73
Travessa



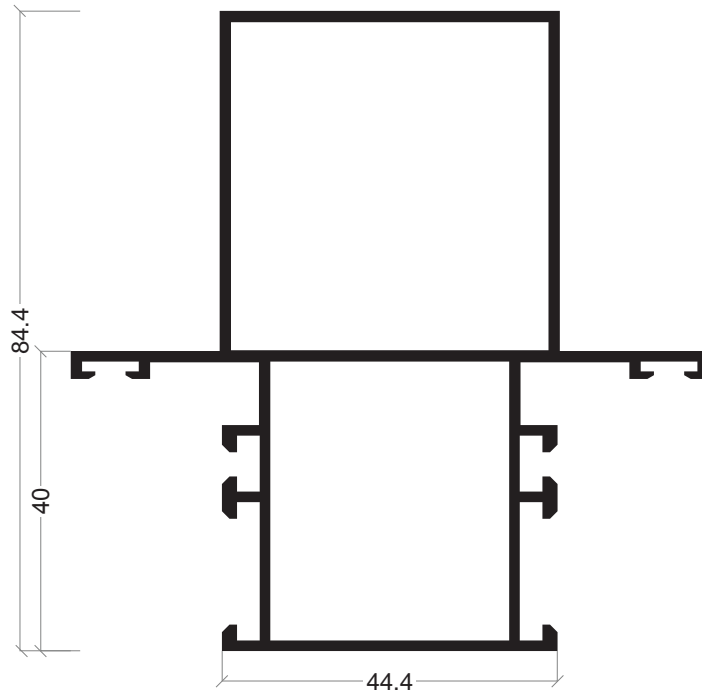
AZ-74
Almofada



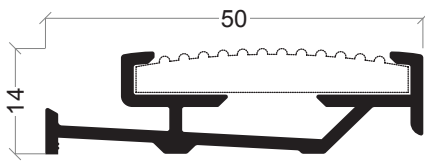
AZ-04
Inversor



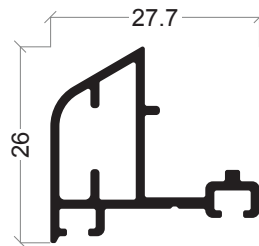
AX-15
Bite de remate



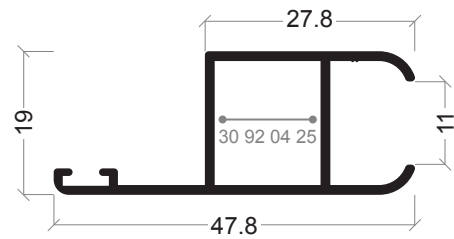
AZ-64
Montante



AZ-69
Remate inferior porta

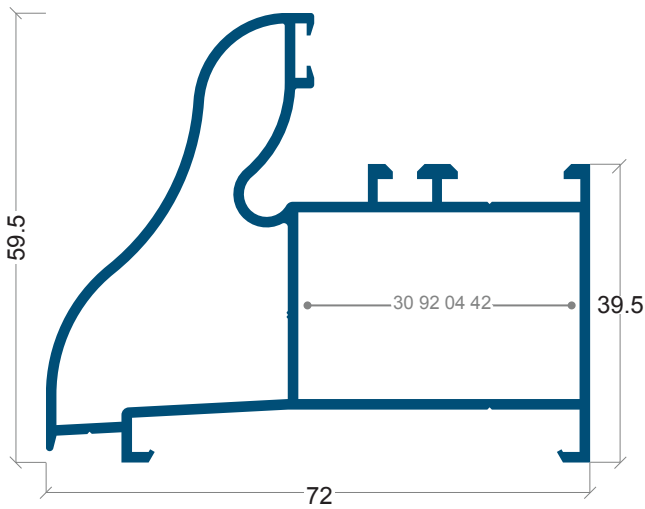


AZ-79
Pingadeira

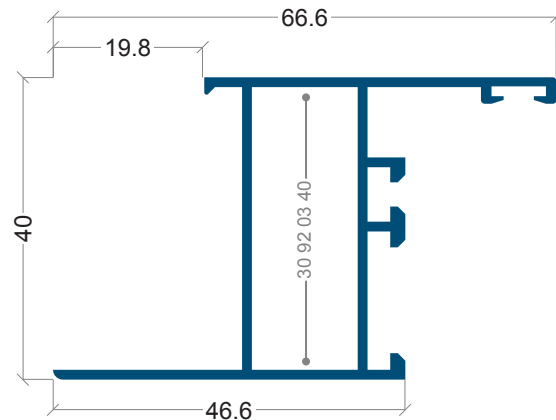


AZ-22
Aro móvel portada interior

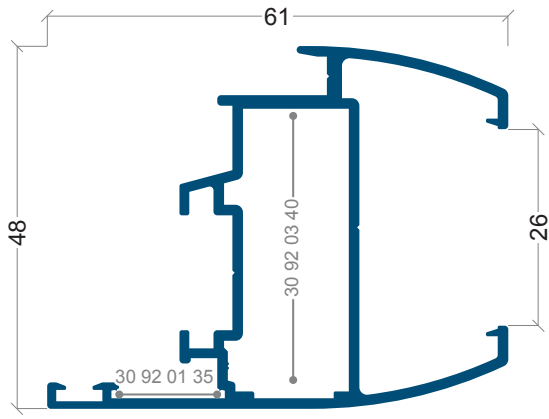
Perfis alternativos



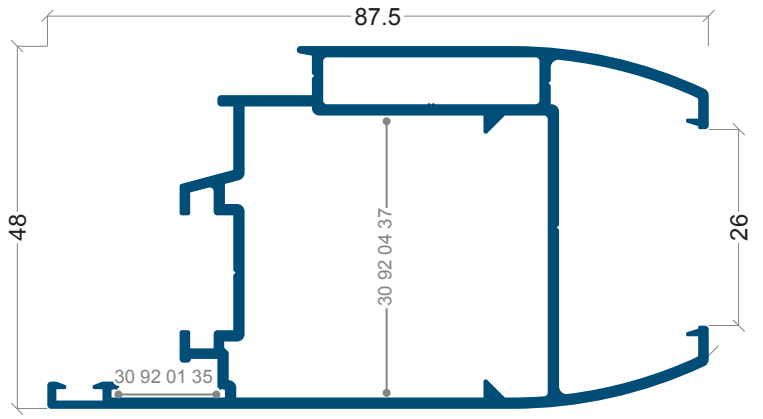
AZ-40
Aro fixo



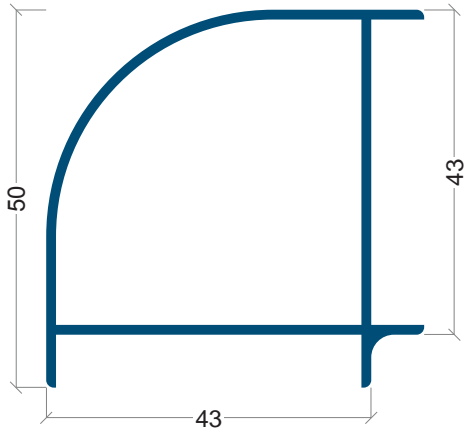
AZ-21
Aro fixo com remate



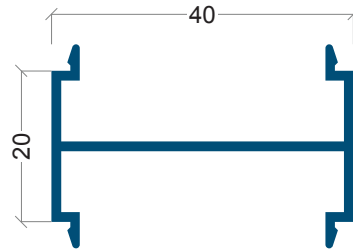
AZ-71
Aro móvel



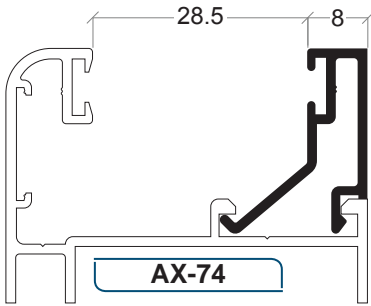
AZ-72
Aro móvel



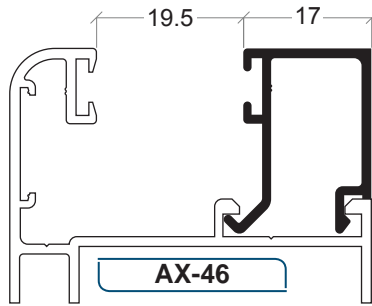
AZ-25
Canto 90°



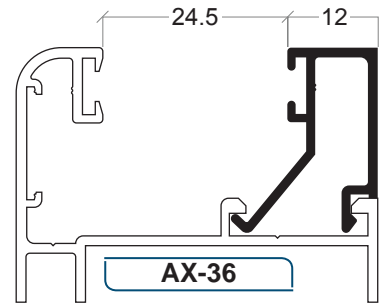
AZ-20
União de aros



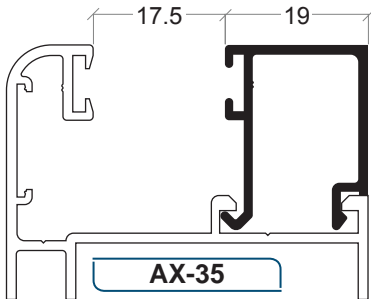
AX-74



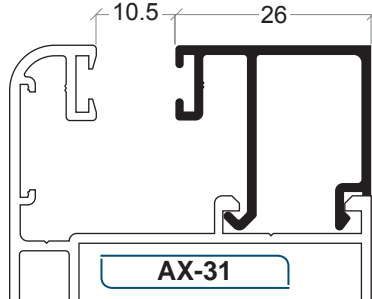
AX-46



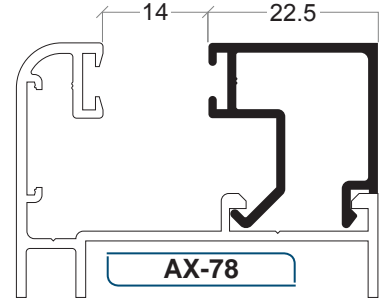
AX-36



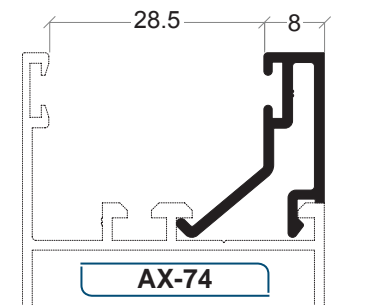
AX-35



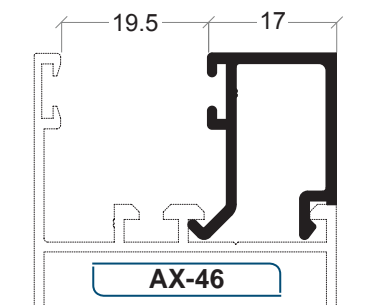
AX-31



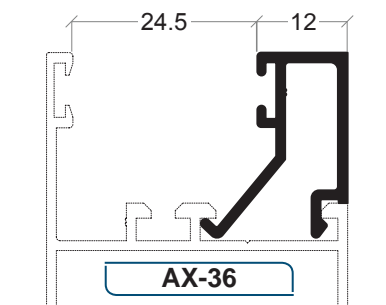
AX-78



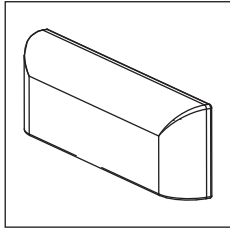
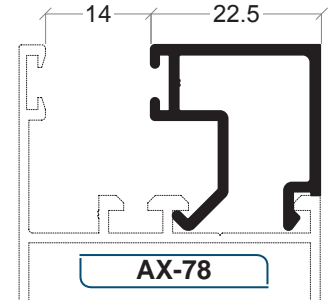
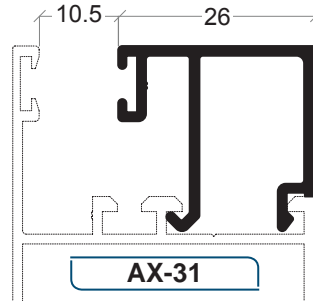
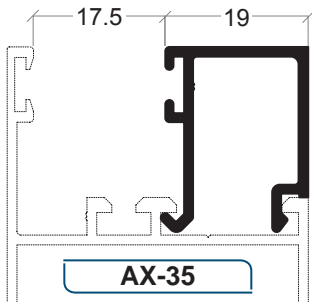
AX-74



AX-46

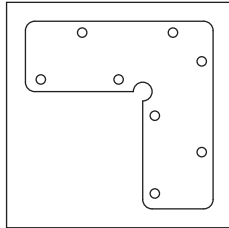


AX-36



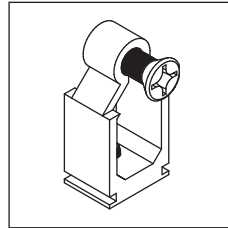
30 92 01 00

Goteira



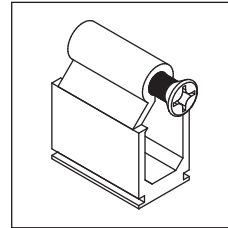
30 92 01 35

Esquadro alinhamento aro móvel



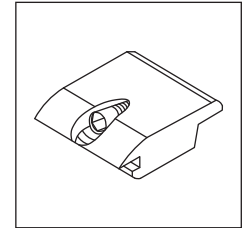
30 92 01 40

União topos janela



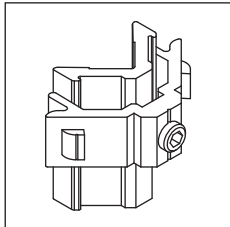
30 92 01 50

União topos porta



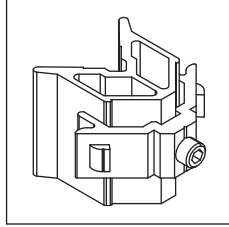
30 92 02 60

Apoio da folha



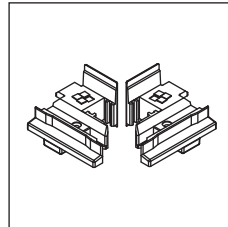
30 92 03 40

Esquadro janela



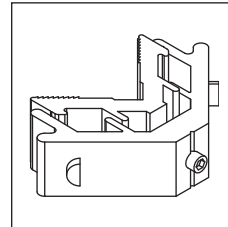
30 92 03 45

Esquadro AZ-15



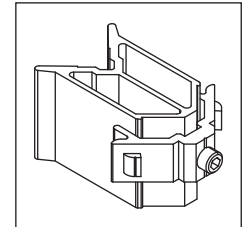
30 92 03 51

Jogo topos inversor AZ-04



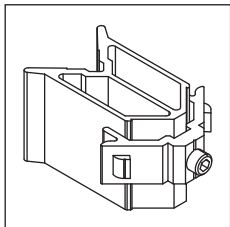
30 92 04 25

Esquadro AZ-22



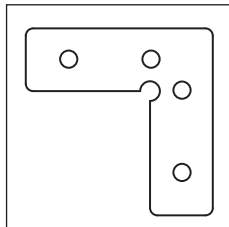
30 92 04 30

Esquadro porta



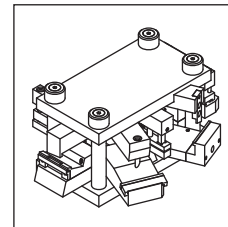
30 92 04 35

Esquadro AZ-14



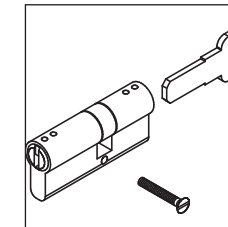
30 96 00 22

Esquadro de alinhamento AZ-14



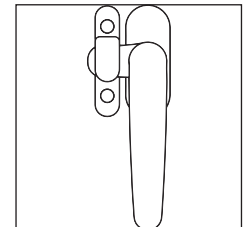
33 96 79 99

Cunho C.E.



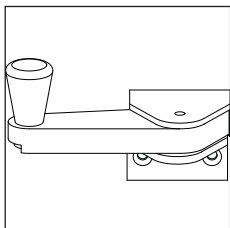
DIN 3420

Canhão fechadura 30x40



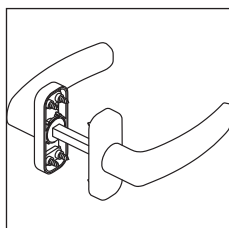
DIN 4121

Trinqueta



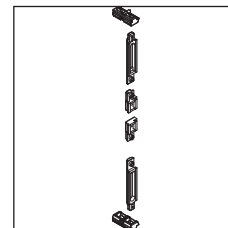
DIN 4362.0

Fecho projetante



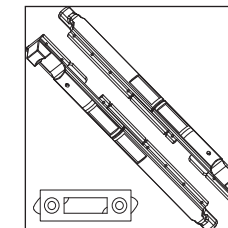
DIN 4510

Puxador muleta



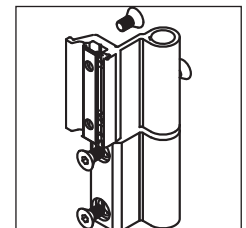
DIN 5000

Kit Cremone



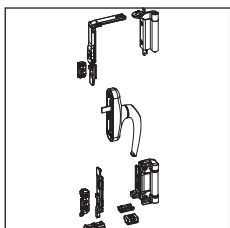
DIN 5040

Fecho CE 2ª folha








DIN 7000

Dobradiça CE 2ª folha

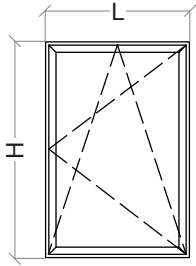


DIN 8550

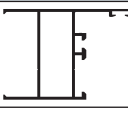


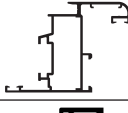





Kit Oscilo-batente compasso incluído

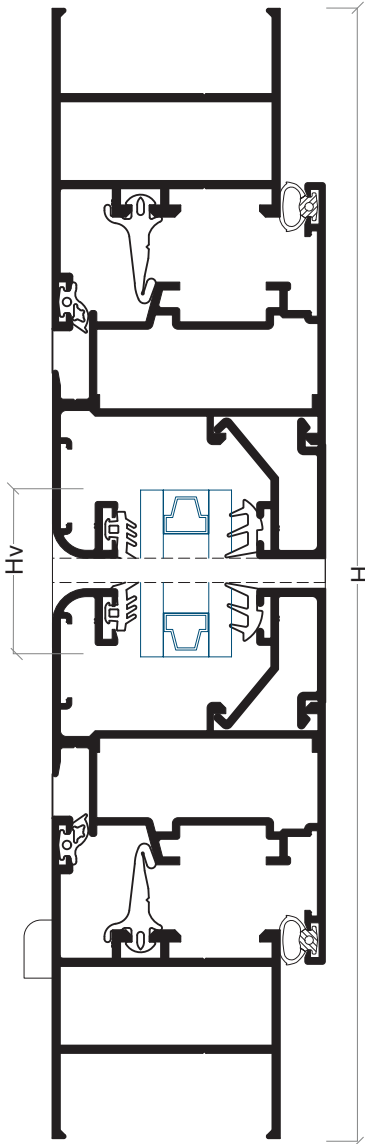
Referência	Desenho	Descrição
30 93 00 50		Junta central
30 93 00 82		Junta vedação inferior AZ-70/79
30 93 00 90		Junta exterior
30 93 01 20		Junta interior
30 94 01 46		Junta para veda-luz AZ-22

Janela abrir e oscilo-batente 1 folha



Perfis

Desenho	Ref	Descrição	Corte	Quant	Medida
	AZ-33	Aro fixo		2	L
				2	H
	AZ-05	Aro móvel		2	L-61,5 mm
				2	H-61,5 mm
	---	Bite		2	L-154 mm
				2	H-194 mm

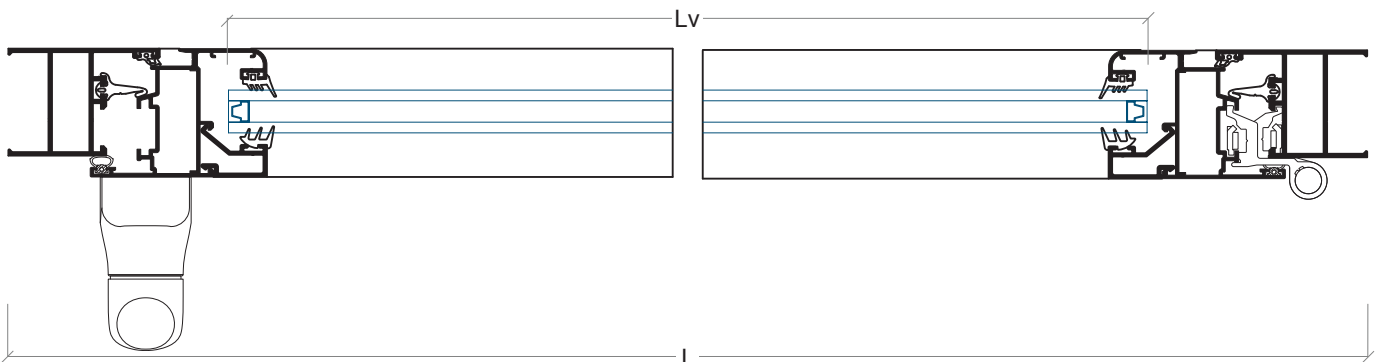


Acessórios e Juntas

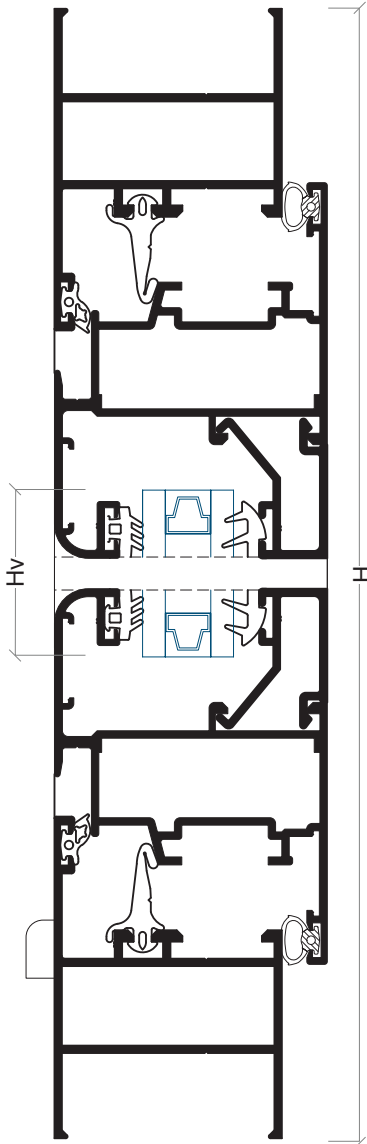
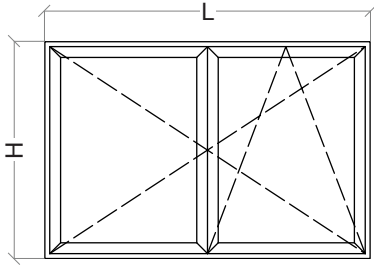
Referência	Descrição	Quantidade	
		Abrir	Oscilo-batente
30 92 01 00	Goteiras	2	2
30 92 01 35	Esquadro alinhamento aro móvel	8	8
30 92 02 60	Apoio da folha	1	---
30 92 03 40	Esquadro janela	8	8
DIN 4500	Cremone 4500	1	---
DIN 5000	Kit cremone	1	---
DIN 7000	Dobradiça CE 2ª folha	2	---
DIN 8550	Kit oscilo-batente	---	1
30 93 00 50	Junta central	2L+2H	
30 93 00 90	Junta exterior	2L+2H	
30 93 01 20	Junta interior	2L+2H	
---	Junta exterior vidro	2L+2H	
---	Junta interior vidro	2L+2H	

Vidro

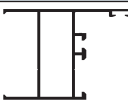


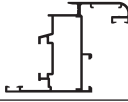


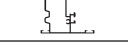




Hv = H-168 mm	Lv = L-168 mm
---------------	---------------



Janela abrir e oscilo-batente 2 folhas



Perfis

Desenho	Ref	Descrição	Corte	Quant	Medida
	AZ-33	Aro fixo		2	L
				2	H mm
	AZ-05	Aro móvel		4	L/2-33 mm
				4	H-61,5 mm
	AZ-04	Inversor		1	H-130 mm
	---	Bite		4	L/2-126 mm
				4	H-194 mm

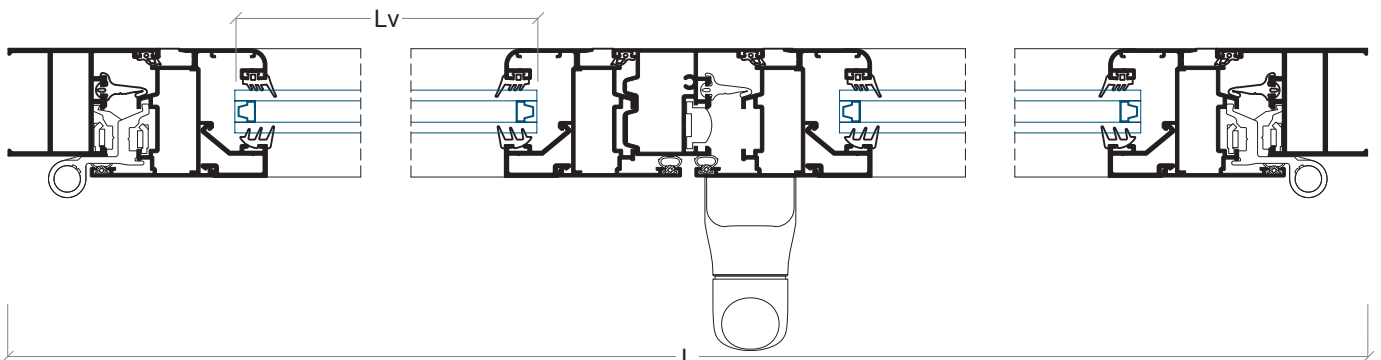
Acessórios e Juntas

Referência	Descrição	Quantidade	
		Abrir	Oscilo-batente
30 92 01 00	Goteiras	2	2
30 92 01 35	Esquadro alinhamento aro móvel	16	16
30 92 02 60	Apoio da folha	1	1
30 92 03 40	Esquadro janela	12	12
30 92 03 51	Jogo topos inversor	1	1
DIN 4500	Cremone 4500	1	---
DIN 5000	Kit cremone	1	---
DIN 5040	Fecho CE 2ª folha	1	---
DIN 7000	Dobradiça CE 2ª folha	4	2
DIN 8513	Fecho 2ª folha oscilo-batente	---	1
DIN 8550	Kit oscilo-batente	---	1
30 93 00 50	Junta central	2L+3H	
30 93 00 90	Junta exterior	2L+4H	
30 93 01 20	Junta interior	2L+4H	
---	Junta exterior vidro	2L+4H	
---	Junta interior vidro	2L+4H	

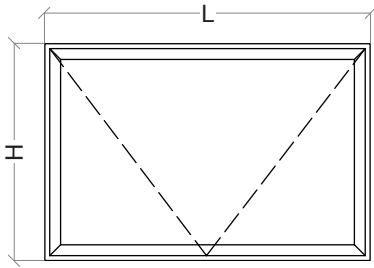
11

Vidro

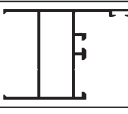


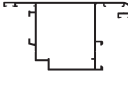





Hv = H-168 mm	Lv = L/2-139 mm
---------------	-----------------

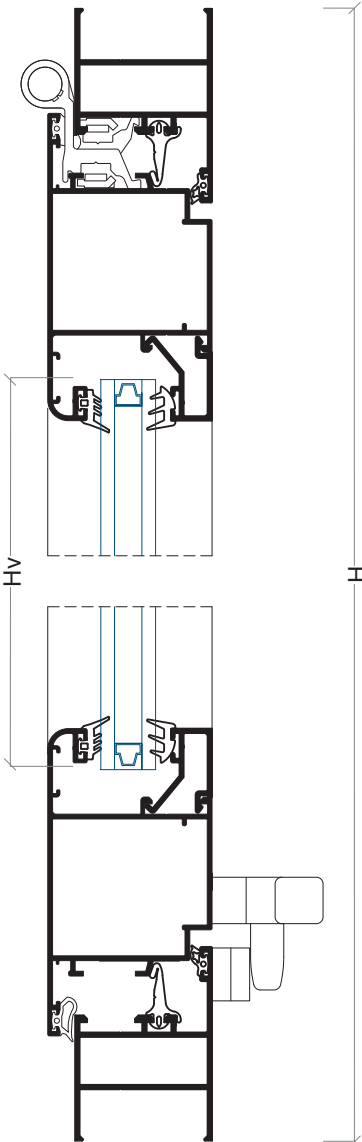


Janela 1 folha projectante



Perfis

Desenho	Ref	Descrição	Corte	Quant	Medida
	AZ-33	Aro fixo		2	L
				2	H
	AZ-14	Aro móvel		2	L-61,5 mm
				2	H-61,5 mm
	---	Bite		2	L-201 mm
				2	H-241 mm

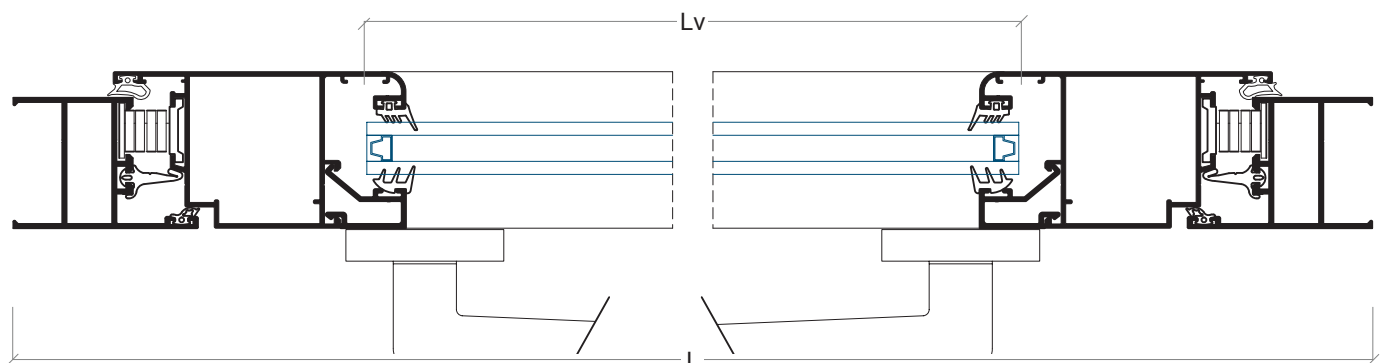


Acessórios e Juntas

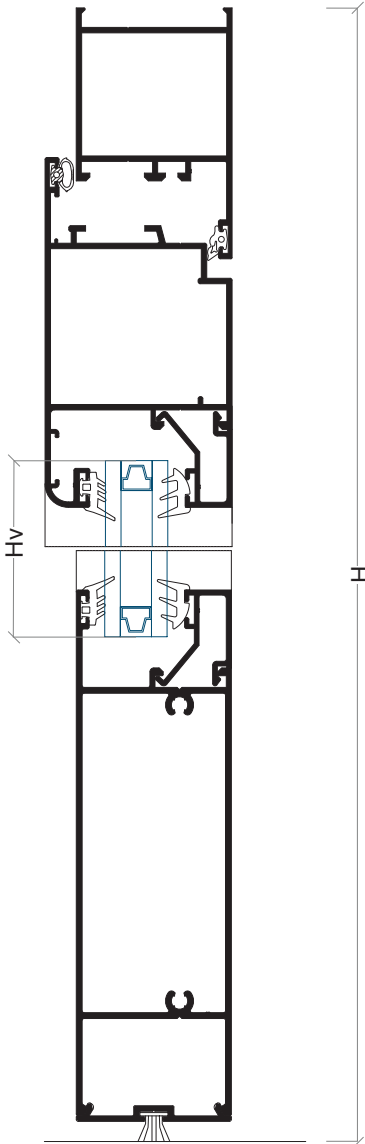
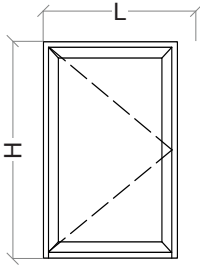
Referência	Descrição	Quantidade
30 92 03 40	Esquadro janela	4
30 92 04 35	Esquadro móvel	4
30 93 00 90	Junta interior	2L+2H
30 93 01 20	Junta exterior	2L+2H
30 96 00 22	Esquadro de alinhamento AZ-14	8
DIN 4121	Trinqueta	2
DIN 7000	Dobradiça CE 2ª folha	2
DIN 8512	Jogo compassos projectante	1
---	Junta exterior vidro	2L+2H
---	Junta interior vidro	2L+2H

Vidro

Hv = H-215 mm	Lv = L-215 mm
---------------	---------------



Porta 1 folha abertura exterior



Perfis

Desenho	Ref	Descrição	Corte	Quant	Medida
	AZ-11	Aro fixo		1	L
				2	H
	AZ-14	Aro móvel		1	L-77 mm
				2	H-44 mm
	AZ-74	Travessa		1	L-207 mm
	A1-18	Remate		1	L-217 mm
	---	Bite		2	L-217 mm
				2	H-255 mm

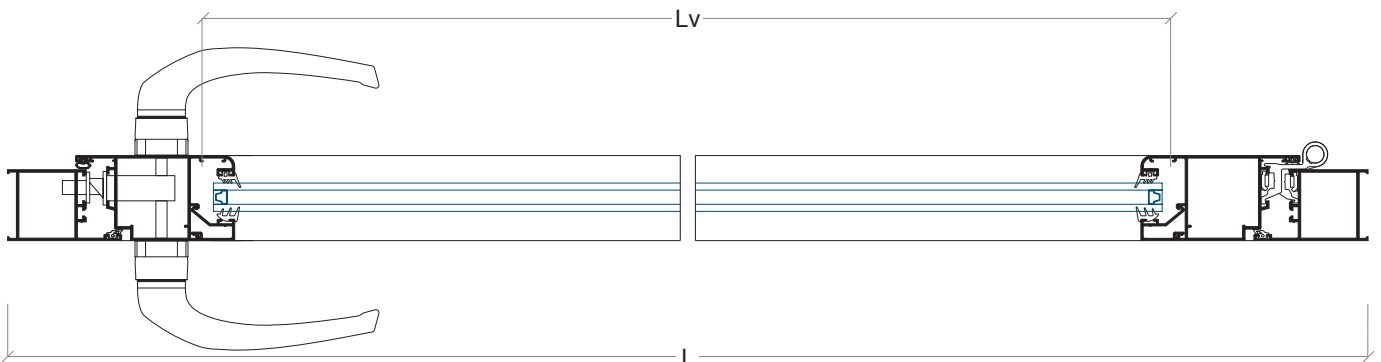
Acessórios e Juntas

Referência	Descrição	Quantidade
30 92 01 35	Esquadro alinhamento aro móvel	4
30 92 04 30	Esquadro aro porta	2
30 92 04 35	Esquadro aro móvel porta	2
30 93 00 50	Junta central	L-2H
30 93 00 90	Junta exterior	L-2H
30 93 01 20	Junta interior	L-2H
30 95 00 10	Pelúcia 7x9	L
30 96 00 22	Esquadro alinhamento AZ-14	4
DIN 3021	Fechadura prumo	1
DIN 3420	Canhão fechadura 30x40	1
DIN 4510	Puxador muleta	1
DIN 7000	Dobradiça CE 2ª folha	3
---	Junta exterior vidro	2L+2H
---	Junta interior vidro	2L+2H

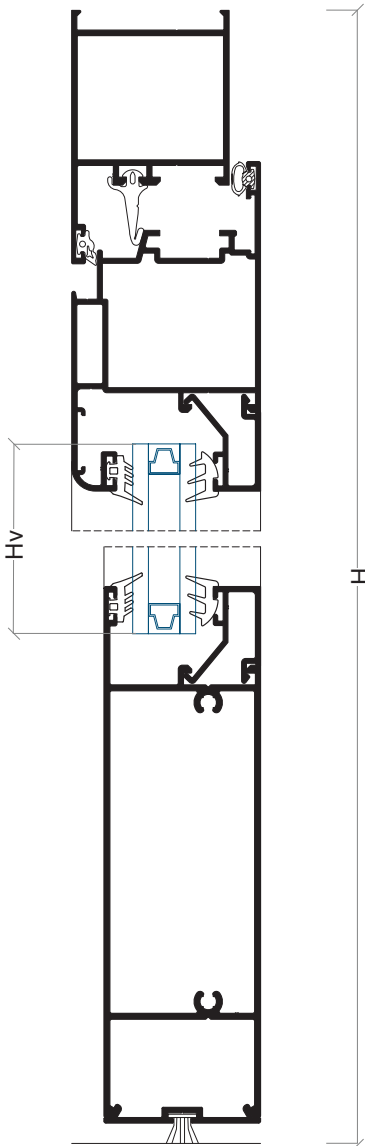
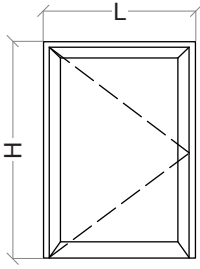
13

Vidro

Hv = H-228 mm	Lv = L-230 mm
---------------	---------------



Porta 1 folha abertura interior



Perfis

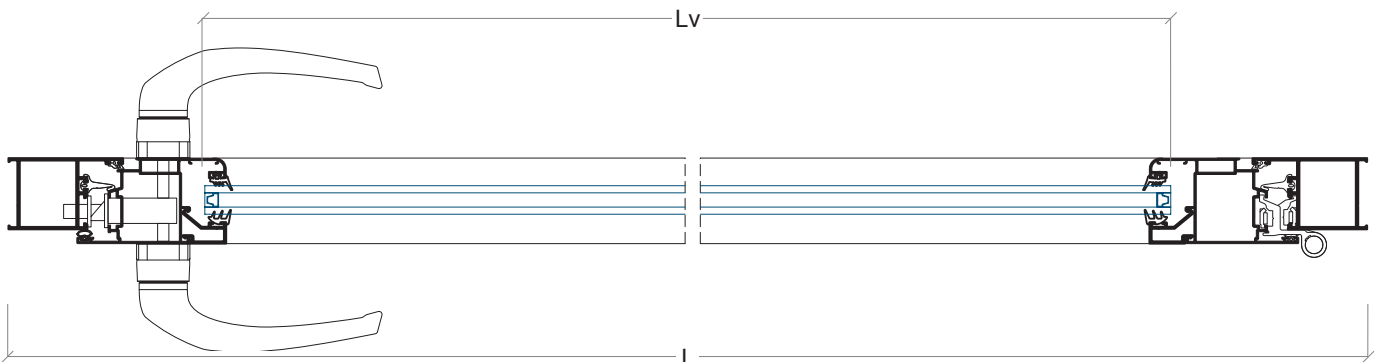
Desenho	Ref	Descrição	Corte	Quant	Medida
	AZ-11	Aro fixo		1	L
				2	H
	AZ-10	Aro móvel		1	L-77 mm
				2	H-44 mm
	AZ-74	Travessa		1	L-196 mm
	A1-18	Remate		1	L-204.5 mm
	---	Bite		2	L-204.5 mm
				2	H-264 mm
				2	H-264 mm

Acessórios e Juntas

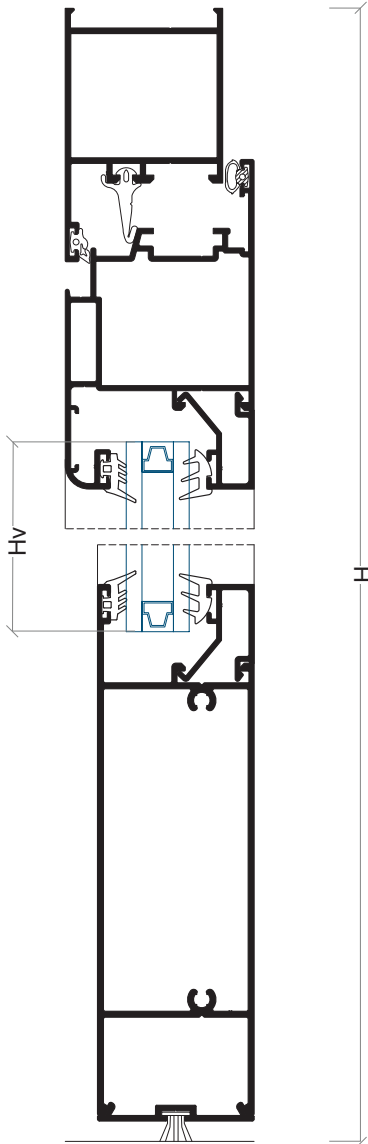
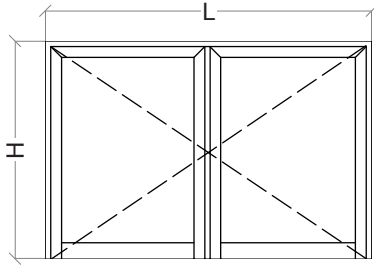
Referência	Descrição	Quantidade
30 92 01 35	Esquadro alinhamento aro móvel	4
30 92 04 30	Esquadro porta	4
30 93 00 50	Junta central	L-2H
30 93 00 90	Junta exterior	L-2H
30 93 01 20	Junta interior	L-2H
30 95 00 10	Pelúcia 7x9	L
DIN 3021	Fechadura de prumo	1
DIN 3420	Canhão fechadura 30x40	1
DIN 4510	Puxador muleta	1
DIN 7000	Dobradiça CE 2ª folha	3
---	Junta exterior vidro	2L+2H
---	Junta interior vidro	2L+2H

Vidro








Hv = H-237 mm	Lv = L-218 mm
---------------	---------------



Porta 2 folhas abertura interior



Perfis

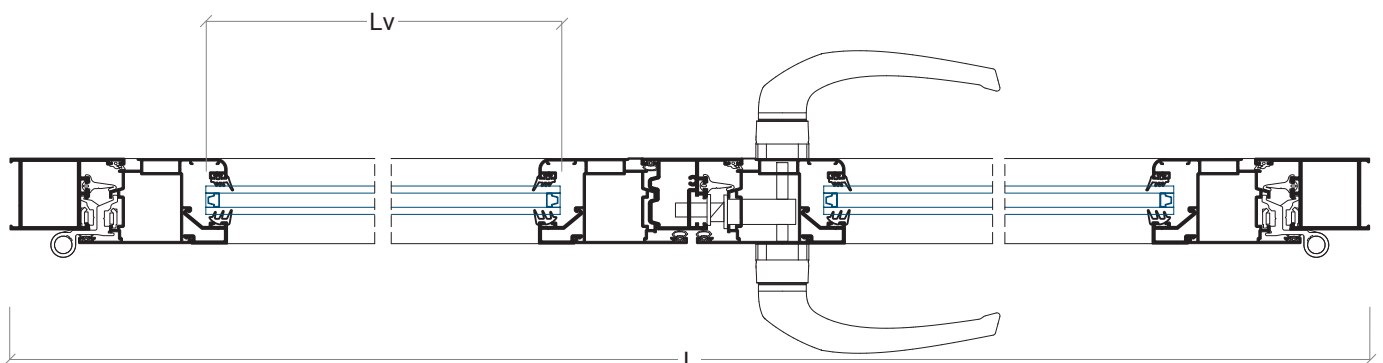
Desenho	Ref	Descrição	Corte	Quant	Medida
	AZ-11	Aro fixo		1	L
				2	H
	AZ-10	Aro móvel		2	L/2-41 mm
				4	H-44 mm
	AZ-04	Inversor		1	H-78 mm
	AZ-74	Travessa		2	L/2-160 mm
	A1-18	Bite remate		2	L/2-168 mm
	---	Bite		4	L/2-168 mm
				4	H-264 mm

Acessórios e Juntas

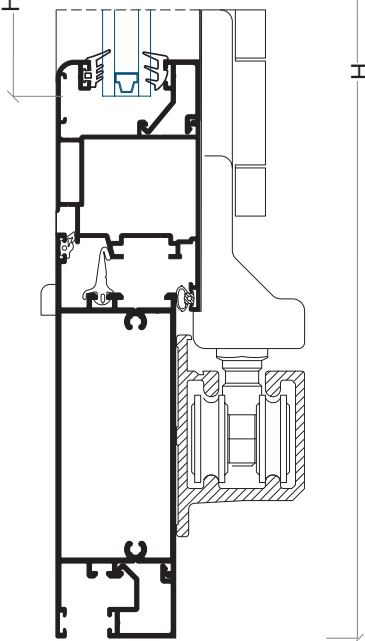
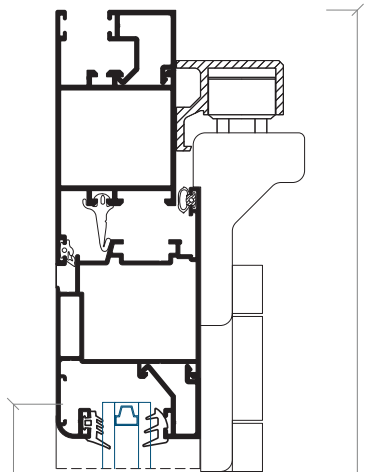
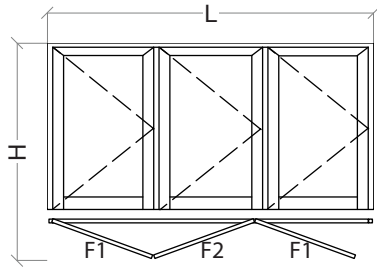
Referência	Descrição	Quantidade
30 92 01 35	Esquadro alinhamento aro móvel	8
30 92 03 51	Jogo topos inversor	1
30 92 04 30	Esquadro porta	6
30 93 00 50	Junta central	L+3H
30 93 00 90	Junta exterior	L+4H
30 93 01 20	Junta interior	L+4H
30 95 00 10	Pelúcia 7x9	L
DIN 3014	Fechadura 3P TL 30	1
DIN 3420	Canhão fechadura 30x40	1
DIN 4510	Puxador muleta	1
DIN 5040	Fecho CE 2ª folha	1
DIN 7030	Dobradiça 7030 Strong	6
---	Junta exterior vidro	2L+4H
---	Junta interior vidro	2L+4H

Vidro

Hv = H-237 mm	Lv = L/2-183 mm
---------------	-----------------



Porta 3 folhas harmónio (tipologia 330)



Perfis

Desenho	Ref	Descrição	Corte	Quant	Medida
	AZ-11	Aro fixo		2	H
	AZ-09	Travessa		1	L-80 mm
	AZ-74	Travessa		1	L-80 mm
	AZ-10	Aro móvel		4	F1 consultar
				2	F2 consultar
	AZ-10	Aro móvel		6	Consultar
	---	Bite			F1 consultar
					F2 consultar
	AZ-04	Inversor		3	consultar
	---	Bite			consultar
					consultar

Acessórios e Juntas

Referência	Descrição	Quantidade
30 92 01 35	Esquadro alinhamento	24
30 92 01 50	União topos porta	2
30 92 03 51	Jogo topos inversor	2
30 92 04 30	Esquadro porta	12
30 93 00 50	Junta central	2L+4H
30 93 00 90	Junta exterior	2L+6H
30 93 01 20	Junta interior	2L+6H
DIN 5040	Fecho CE 2ª folha	1
---	Kit harmónio (3+0)	1
---	Junta exterior vidro	2L+6H
---	Junta interior vidro	2L+6H

Vidro

Vidro H1 = consultar	Vidro Lv1/Lv2 = consultar	
	Mínimo	Máximo
Largura da folha	600 mm	900 mm
Altura da folha	850 mm	2400 mm
Peso máximo por folha 80 kg		

