

**Sistema**

**AXi**

## Sistema AXi

Sistema de batente com RPT - 45 mm

### Características do sistema

Sistema de batente com rotura térmica e de elevadas prestações térmicas e acústicas.

O sistema AXi possibilita a execução de 4 versões de caixilharia:

1. linha recta;
2. linha curva;
3. linha tradição;
4. linha oval.

O sistema AXi permite a aplicação de vidros duplos de alto rendimento de modo a responder às exigências de isolamento térmico e acústico.

### Perfis de alumínio

Os perfis de alumínio são extrudidos na liga de alumínio 6060 para arquitectura de acordo com norma NP EN 12020-02.

Perfis com rotura térmica obtida por inserção de varetas isolantes de poliamida de 14.6 mm reforçadas com 25% de fibra de vidro.

Espessura média dos perfis de alumínio de 1.5 mm para janelas e de 1.7 mm para portas.

### Aros fixos

Secção dos aros fixos de 45 mm ou 70 mm;

Aros fixos com esquadro para montagem a meia esquadria;

Aros fixos tradicionais para mercado interno;

Aros fixos com clip exterior e aba de remate direta de 25 mm ou 45 mm;

Aros fixos com clip exterior e interior para aplicação de remate de 30 mm.

### Aros móveis

Secção dos aros móveis de 53 mm;

Enchimento para vidro simples ou duplo de 4 mm a 37 mm;

Aros móveis de linha recta, curva, tradição ou oval (sem bite);

Aros móveis com esquadro para montagem a meia esquadria;

Perfil inversor de linha recta.

### Dimensionamento e manobralidade

Dimensões mínimas - máximas de folha: 400 mm - 1500 mm (L); 400 mm - 2700 mm (H);

Possibilidades de abertura: fixo, batente interior 1 ou 2 folhas com oscilo-batente, exterior, basculante, projectante, pivotante, harmónio e oscilo-paralela;

Estanquidade assegurada através de juntas triplas em EPDM;

### Performances

Sistema certificado por laboratório notificado para Ensaio Tipo Inicial (ITT) de acordo com a norma de produto EN 14351-1 para efeitos de Marcação CE.

Categorias alcançadas na avaliação do sistema AXi tipologia janela:

1. Permeabilidade ao ar: Classe 4 (norma de ensaio EN 1026)
2. Estanquidade à água: Classe E900 (norma de ensaio EN 1027)
3. Resistência ao vento: Classe C5 (norma de ensaio EN 12211)

Categorias alcançadas na avaliação do sistema AX tipologia porta:

1. Permeabilidade ao ar: Classe 4 (norma de ensaio EN 1026)
2. Estanquidade à água: Classe 8A (norma de ensaio EN 1027)
3. Resistência ao vento: Classe C3 (norma de ensaio EN 12211)
4. Resistência à torção estática: Apto 350N (norma de ensaio EN 14609)

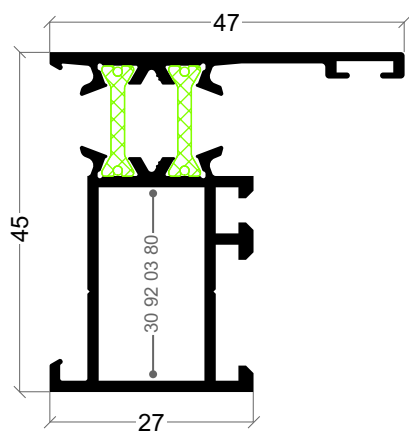
Coefficiente de transmissão térmica de vão de 2 folhas com 1.20 m x 1.50 m com vidro  $U_g = 0.7 \text{ W/m}^2\text{K}$ , com intercalar efeito "Warm Edge":

•  $U_w = 1.72 \text{ W/m}^2\text{K}$

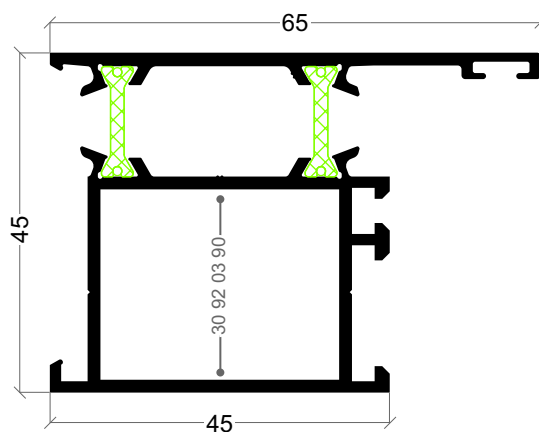
Coefficiente de atenuação acústica de vão de 2 folha com vidro 4/14/6:

•  $R_w (C; C_{tr}) = 34 \text{ dB} (-1; -4)$

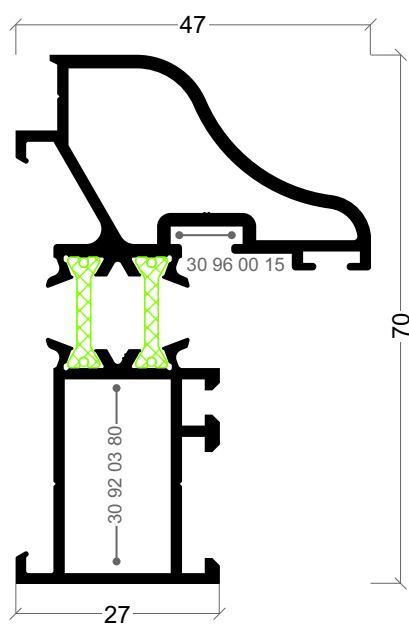
Zonas de aplicação segundo RCCTE (em função do valor  $U_g$ ): I1, I2, I3, V1, V2, V3.



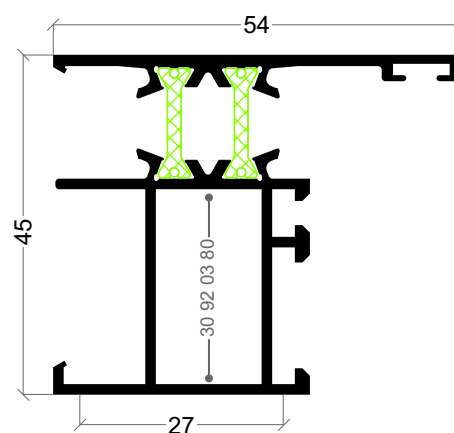
**AXi-03**  
Aro fixo



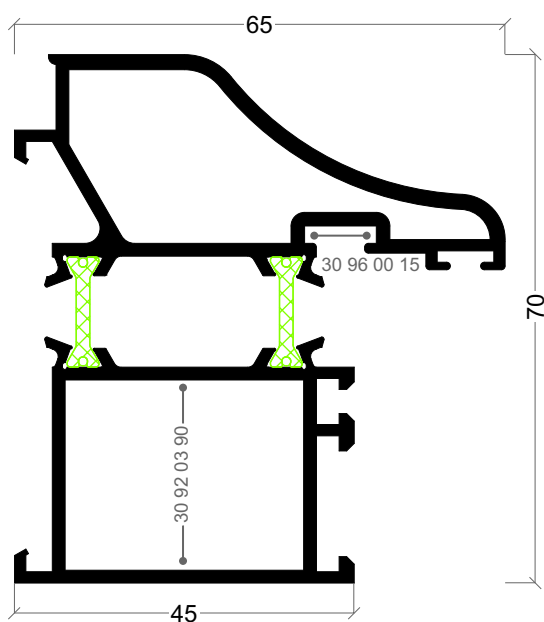
**AXi-08**  
Aro fixo



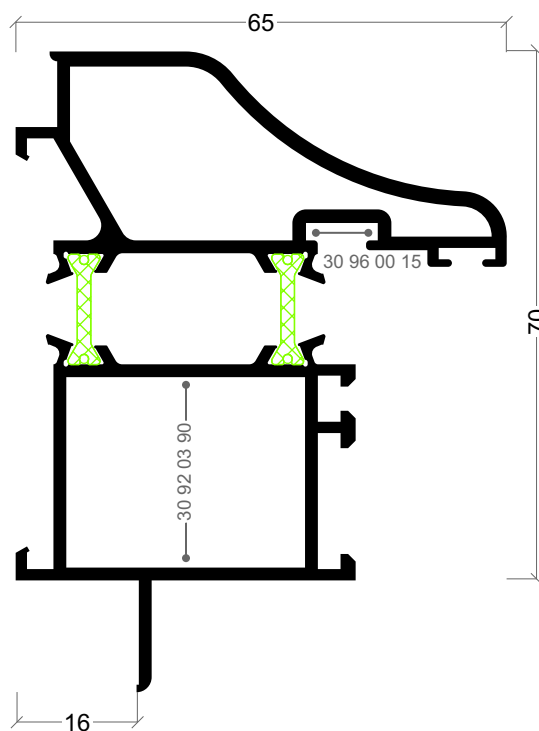
**AXi-49**  
Aro fixo



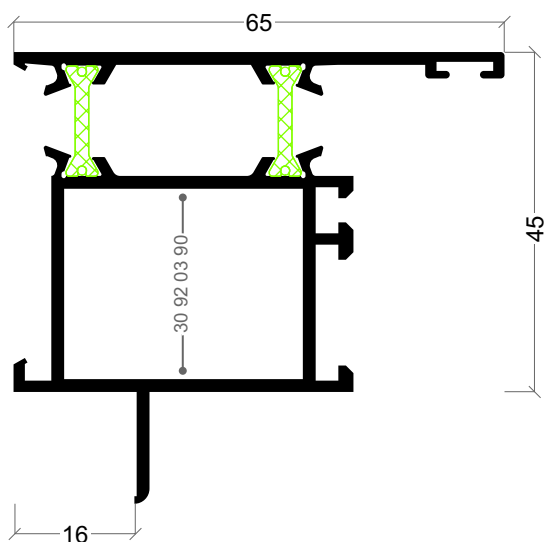
**AXi-81**  
Aro fixo



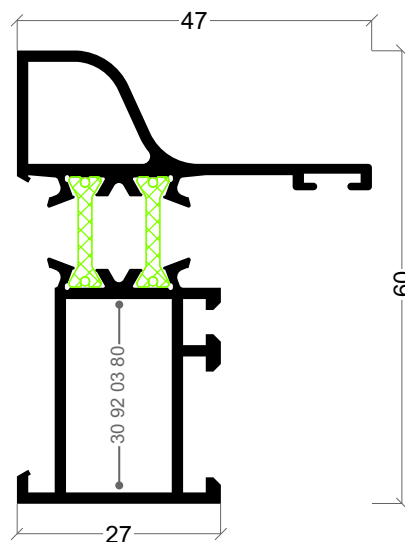
**AXi-50**  
Aro fixo



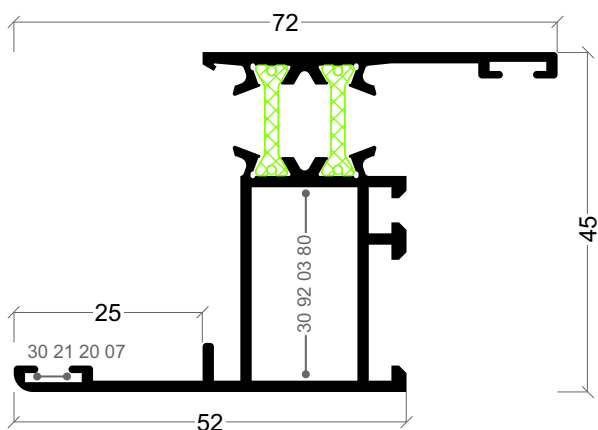
**AXi-51**  
Aro fixo para apainelado



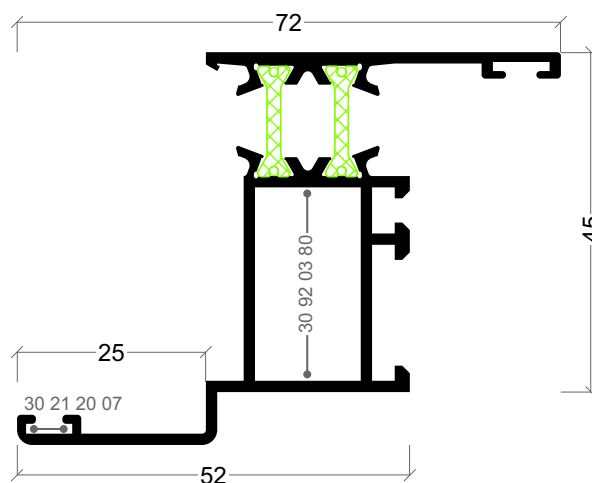
**AXi-48**  
Aro fixo para apanelado



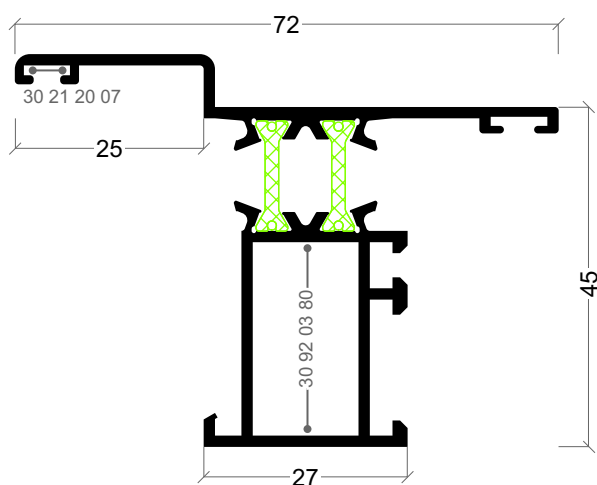
**AXi-33**  
Aro fixo



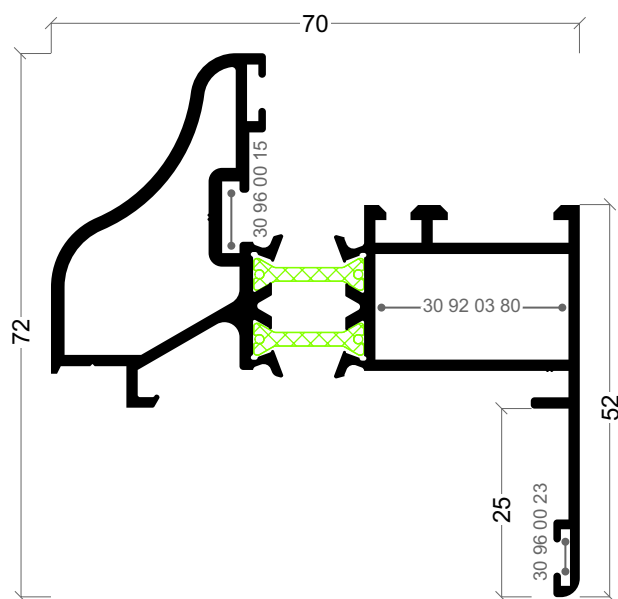
**AXi-25**  
Aro fixo com remate



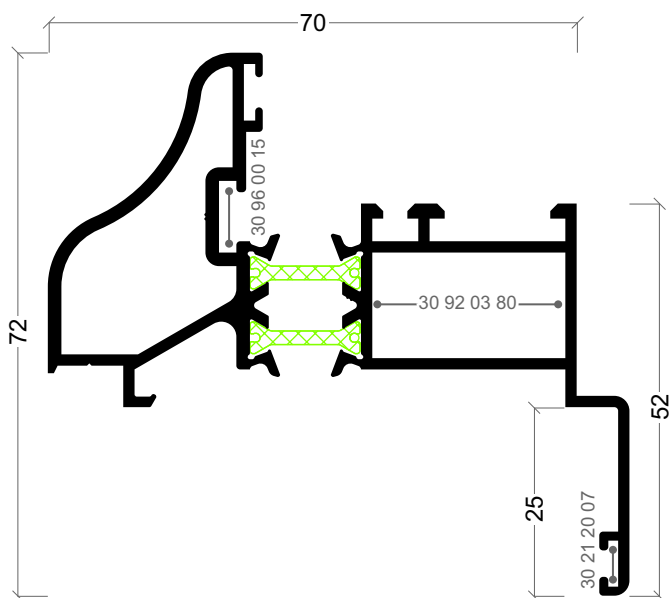
**AXi-19**  
Aro fixo com remate



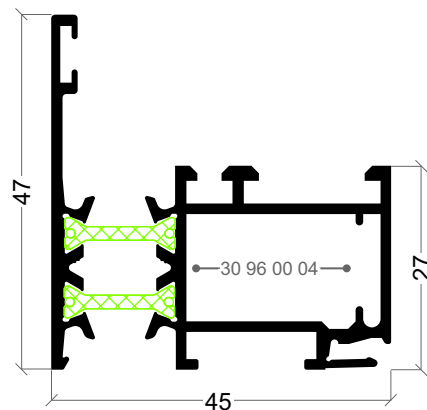
**AXi-23**  
Aro fixo com remate



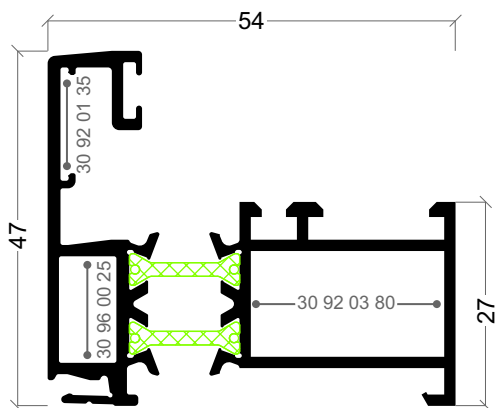
**AXi-58**  
Aro fixo com remate



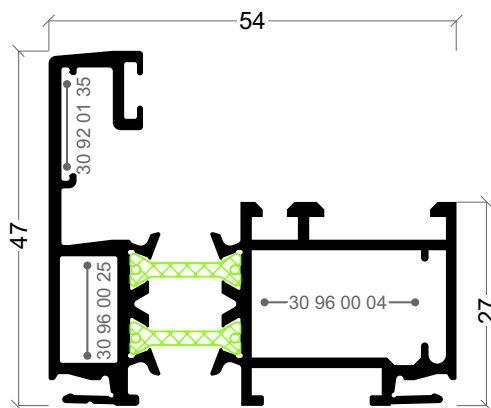
**AXi-56**  
Aro fixo com remate



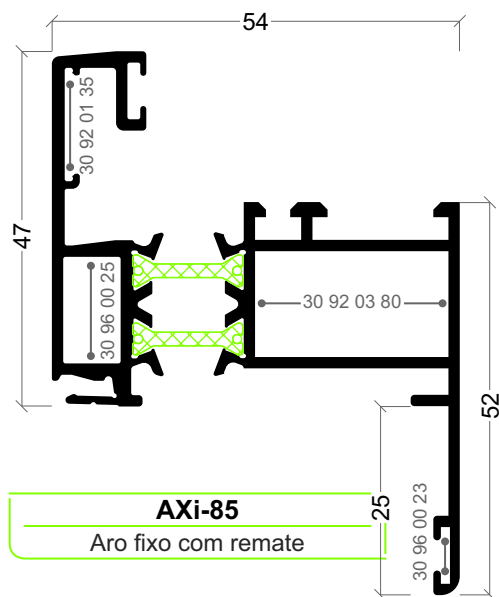
**AXi-90**  
Aro fixo



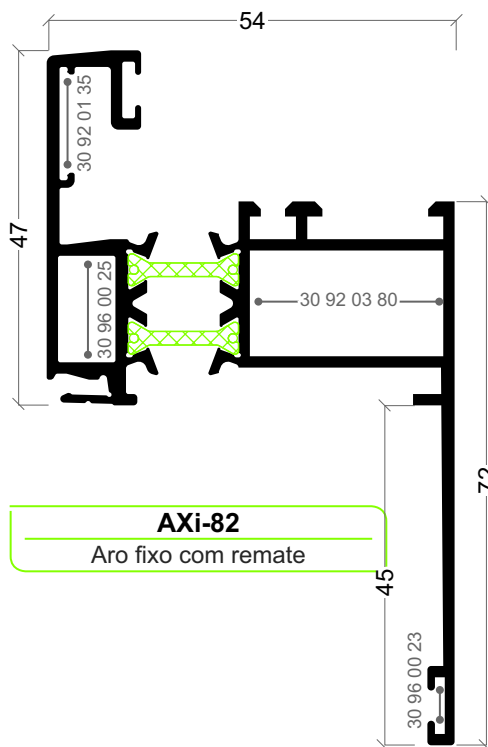
**AXi-86**  
Aro fixo



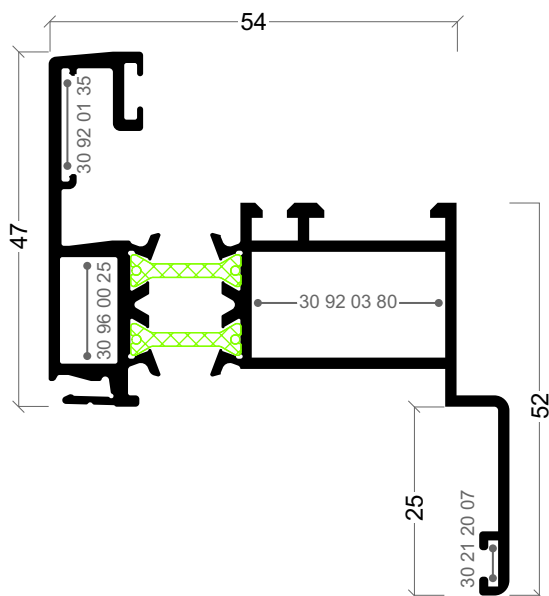
**AXi-87**  
Aro fixo



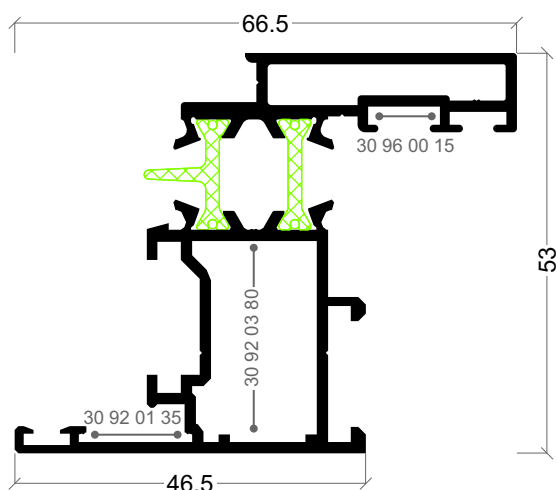
**AXi-85**  
Aro fixo com remate



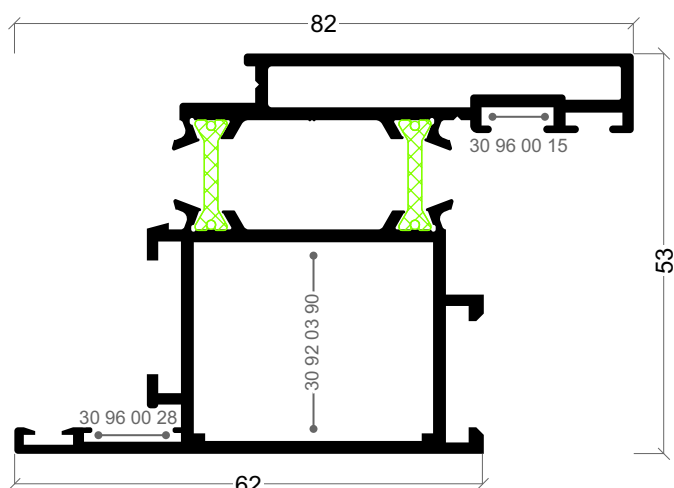
**AXi-82**  
Aro fixo com remate



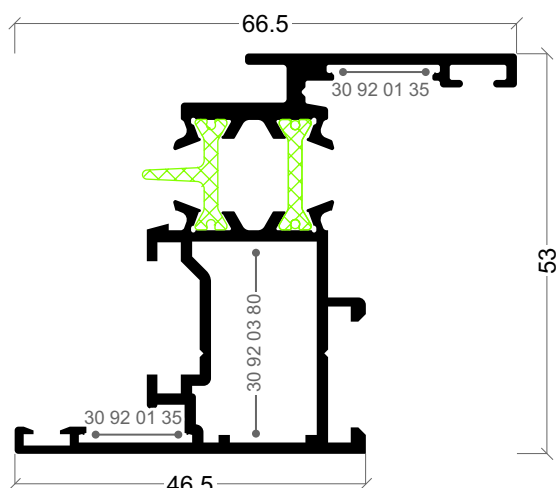
**AXi-84**  
Aro fixo com remate



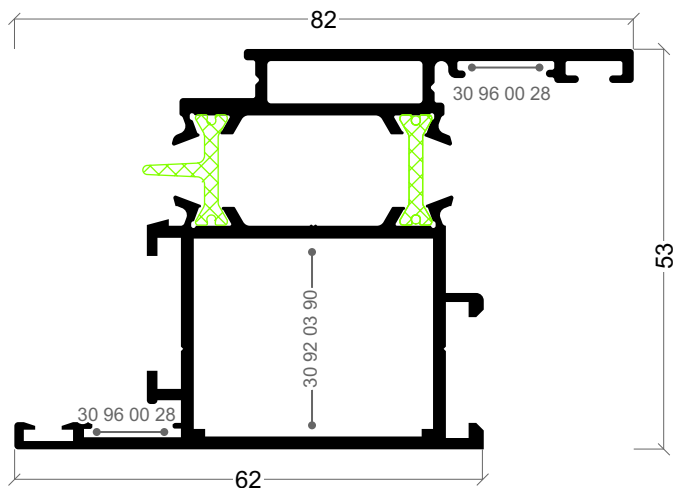
**AXi-64**  
Aro móvel



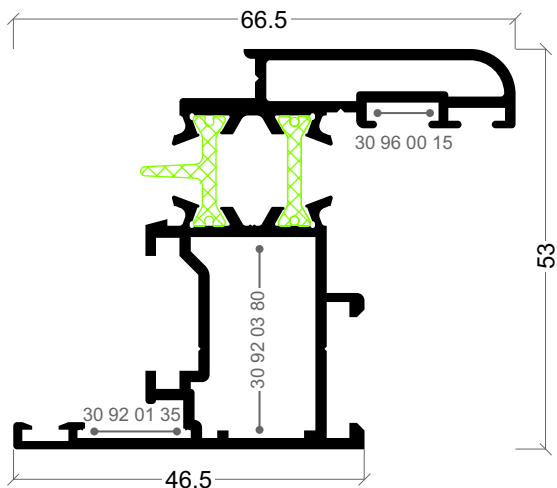
**AXi-65**  
Aro móvel



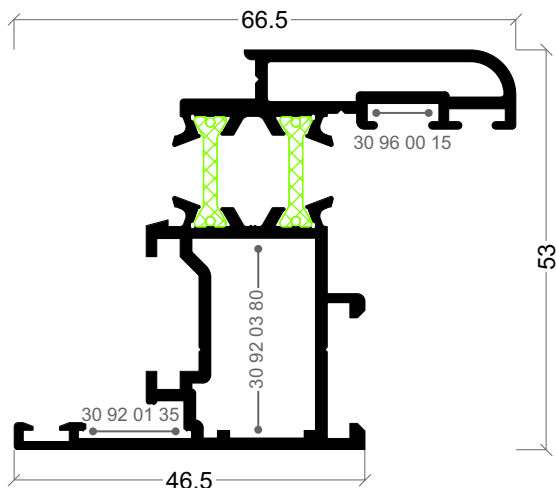
**AXi-02**  
Aro móvel



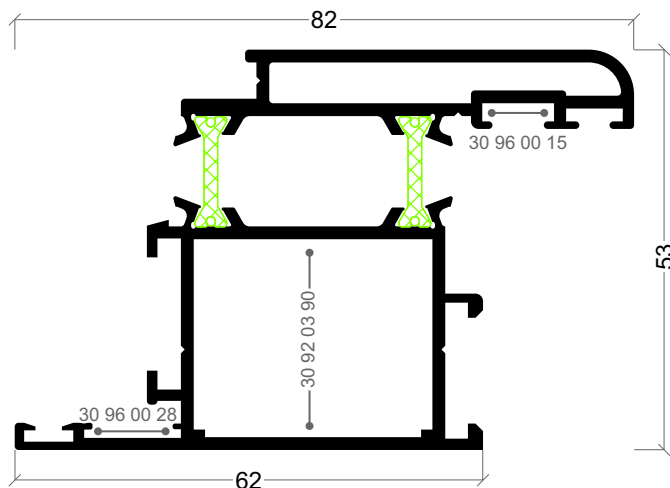
**AXi-07**  
Aro móvel



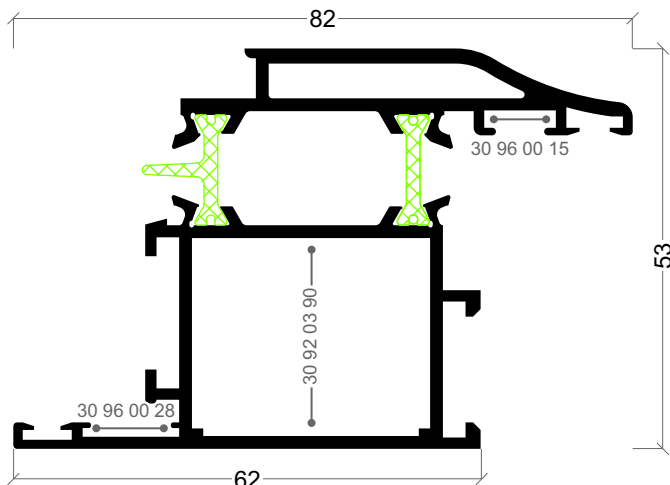
**AXi-24**  
Aro móvel



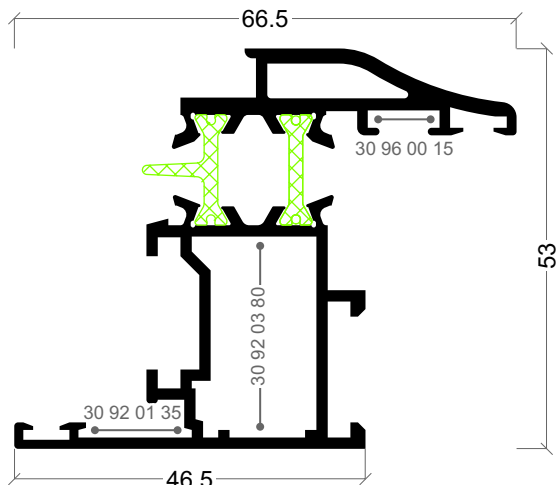
**AXi-05**  
Aro móvil



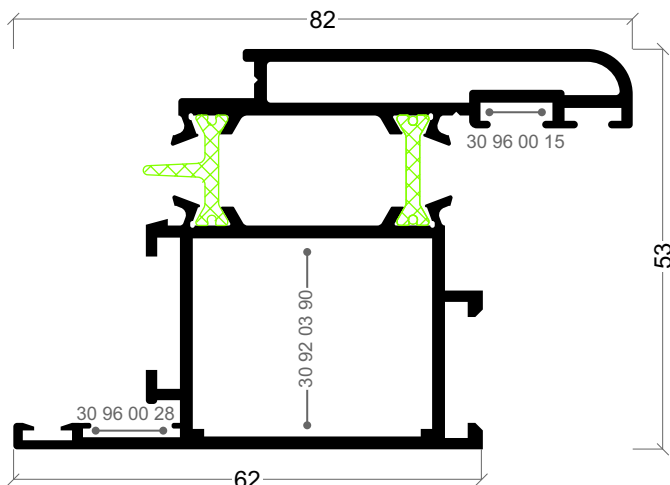
**AXi-10**  
Aro móvil



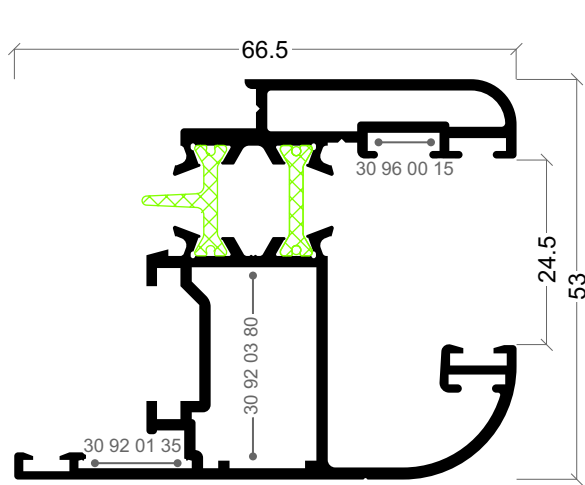
**AXi-53**  
Aro móvil



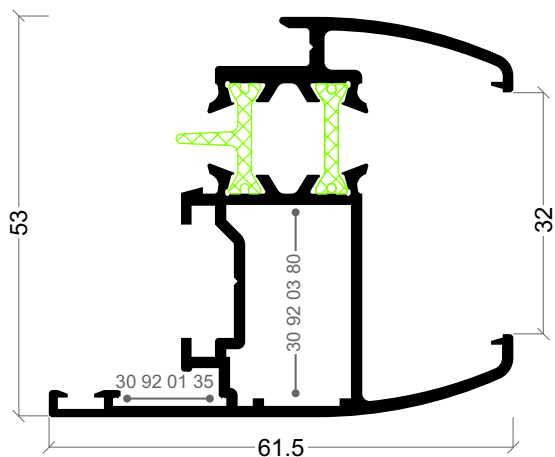
**AXi-52**  
Aro móvil



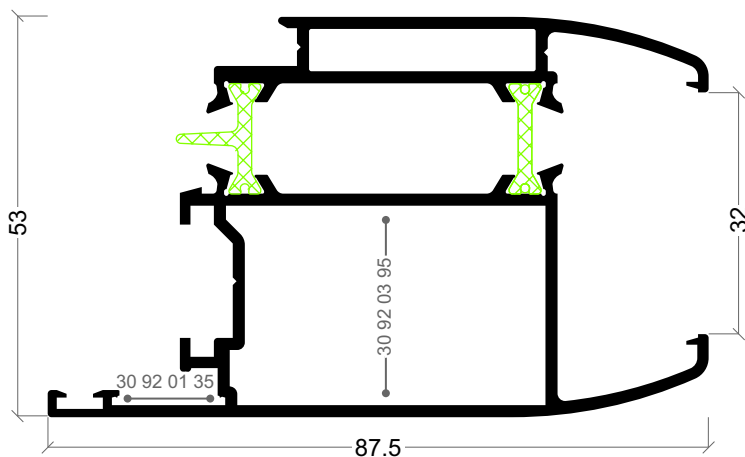
**AXi-27**  
Aro móvil



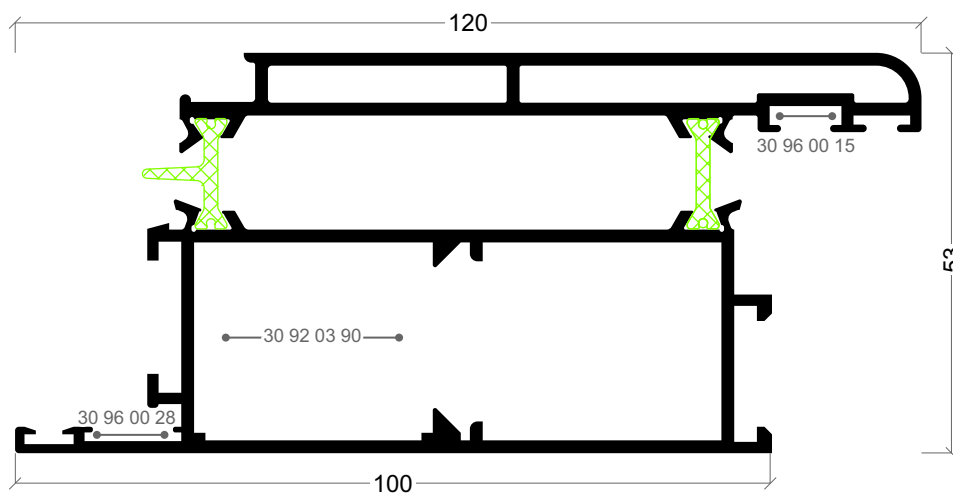
**AXi-44**  
Aro móvil



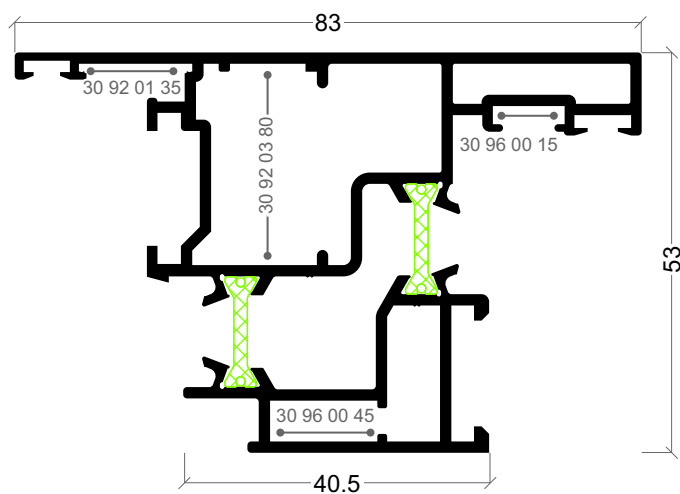
**AXi-76**  
Aro móvel



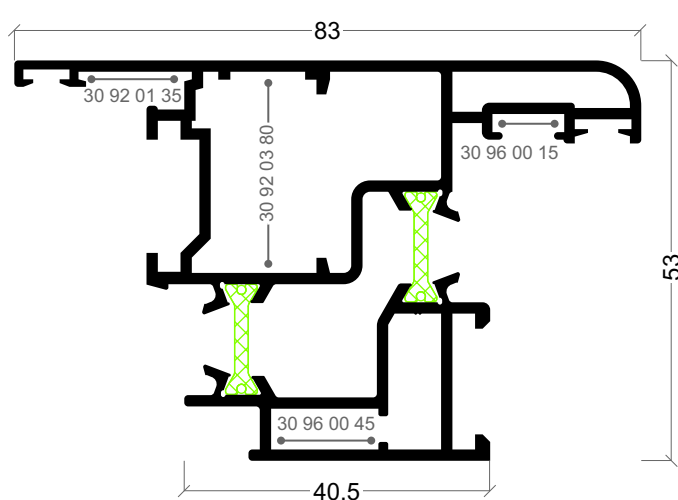
**AXi-77**  
Aro móvel



**AXi-66**  
Aro móvel

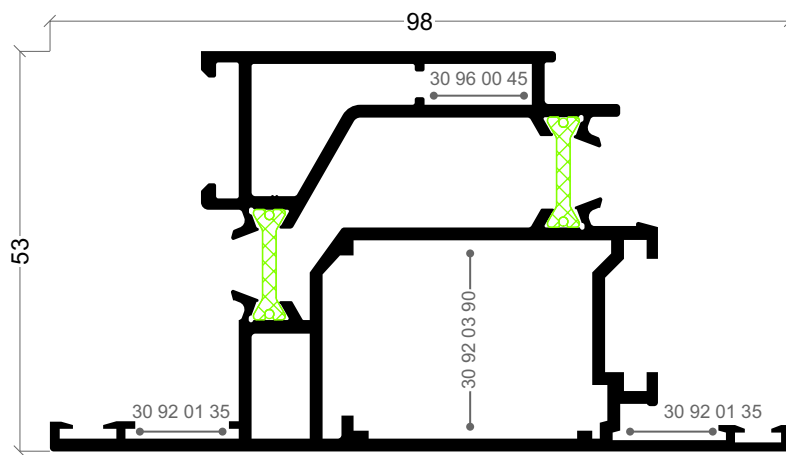


**AXi-60**  
Aro móvel abertura exterior

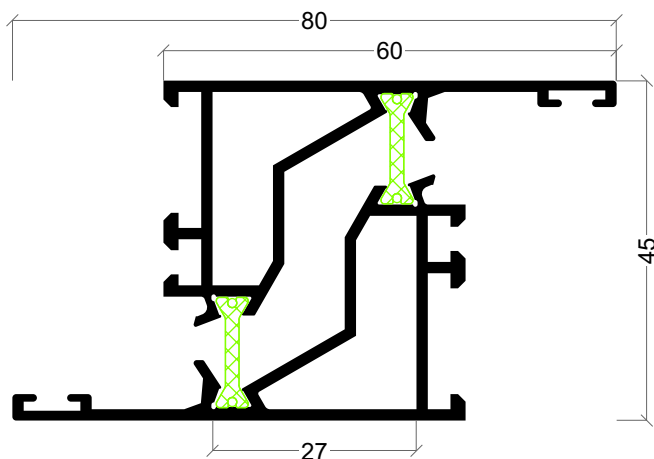


**AXi-59**  
Aro móvel abertura exterior

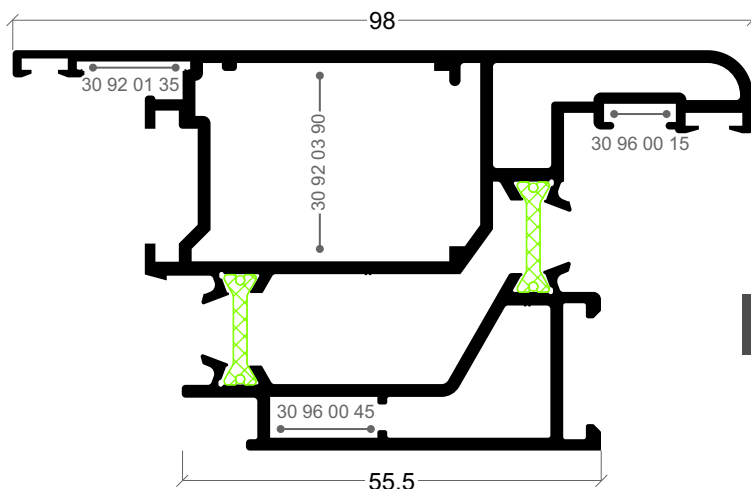




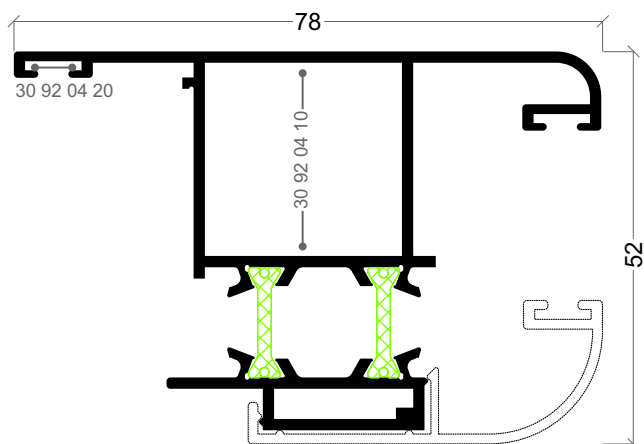
**AXi-71**  
Aro móvel abertura exterior



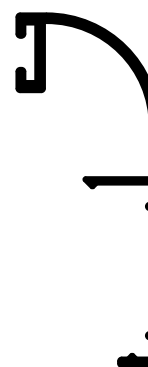
**AXi-61**  
Aro fixo abertura exterior c/ fixo lateral



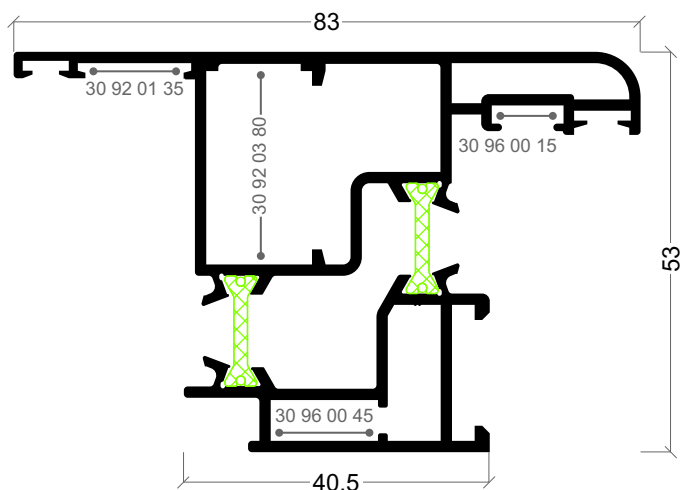
**AXi-62**  
Aro móvel abertura exterior



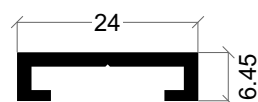
**AXi-26**  
Aro móvel abertura exterior



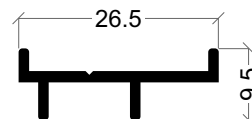
**AZ-29**  
Bite para AXi-26



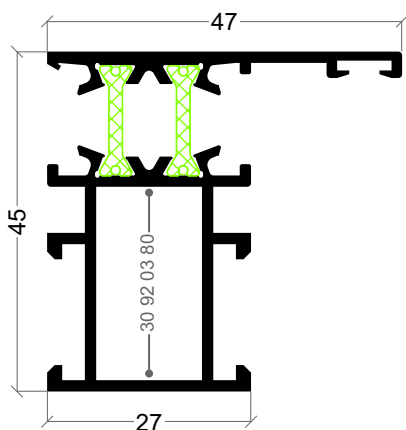
**AXi-63**  
Aro móvel projectante



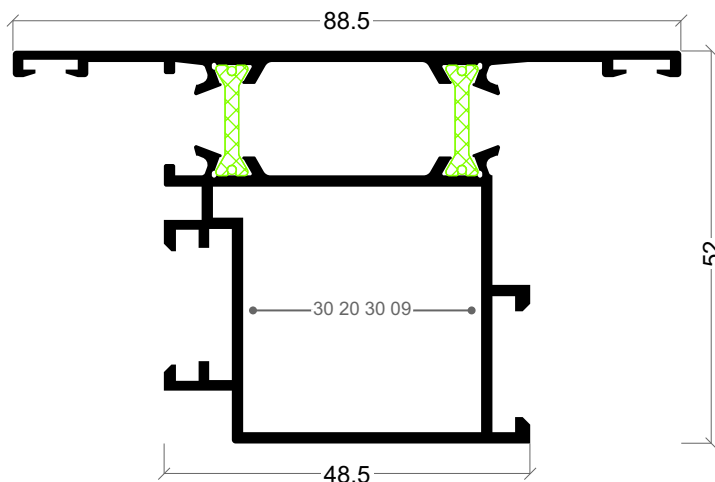
**AXi-31**  
Guia abertura projectante



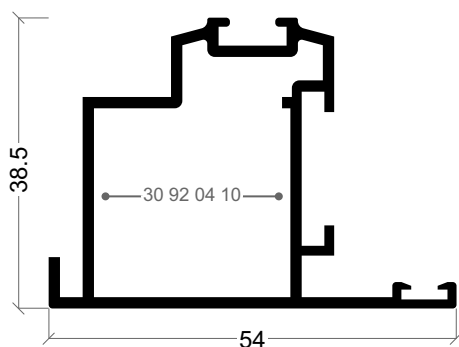
**AXi-32**  
Complemento abertura projectante



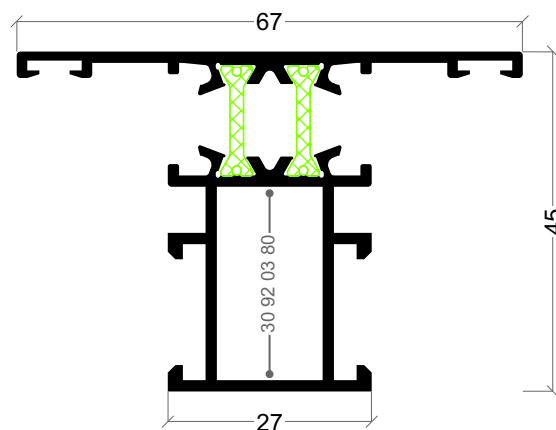
**AXi-38**  
Aro fixo pivotante



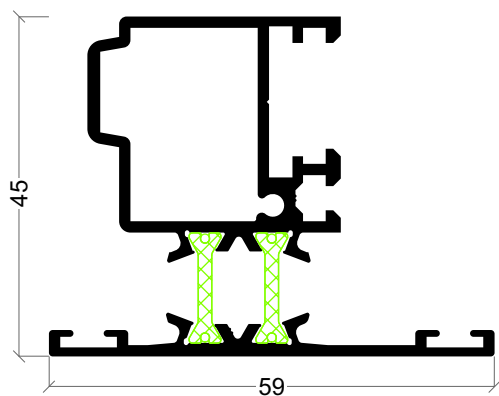
**AXi-40**  
Aro móvel pivotante



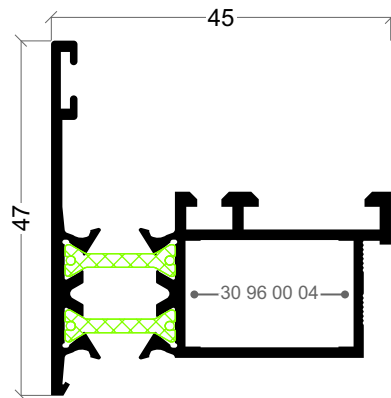
**AXi-41**  
Inversor pivotante



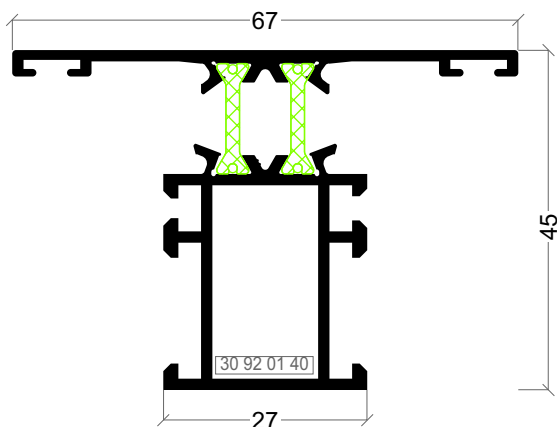
**AXi-39**  
Travessa pivotante



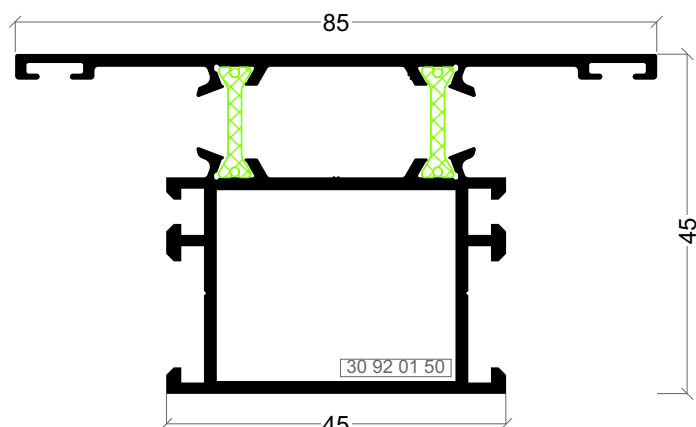
**AXi-04**  
Inversor



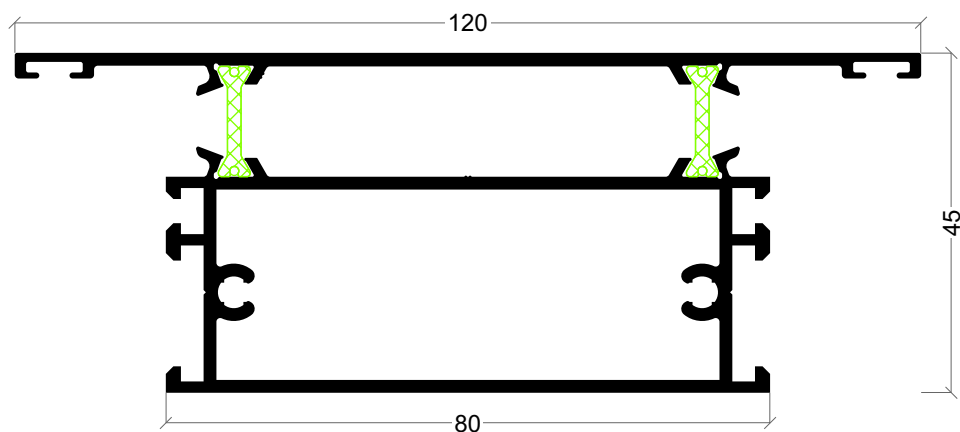
**AXi-75**  
Inversor abertura exterior



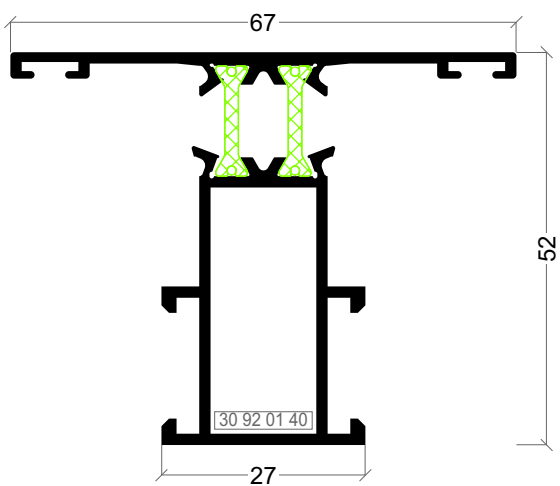
**AXi-01**  
Travessa



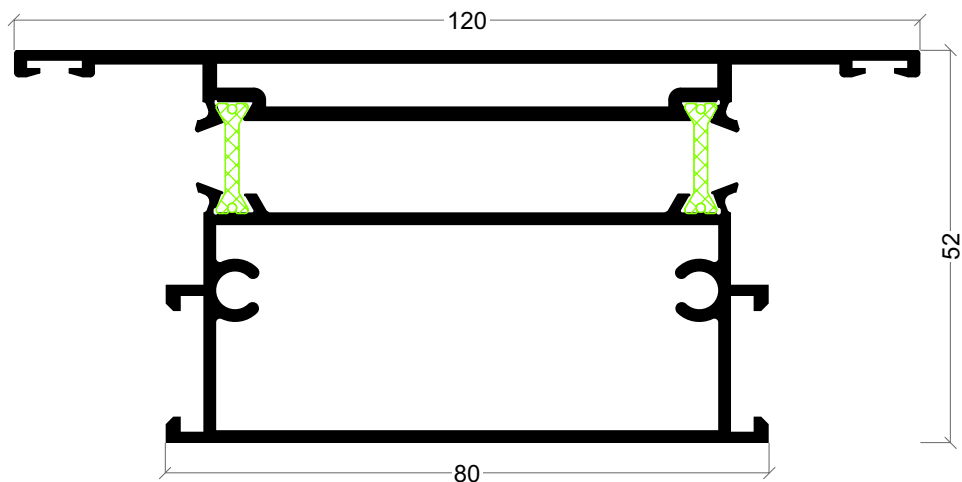
**AXi-06**  
Travessa



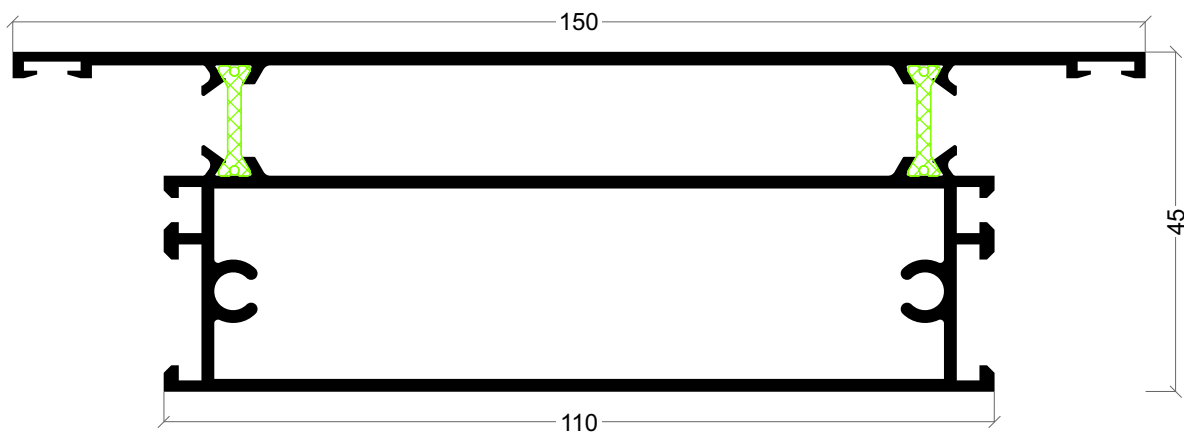
**AXi-12**  
Travessa



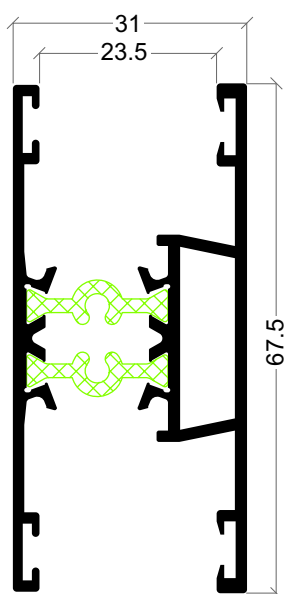
**AXi-09**  
Travessa



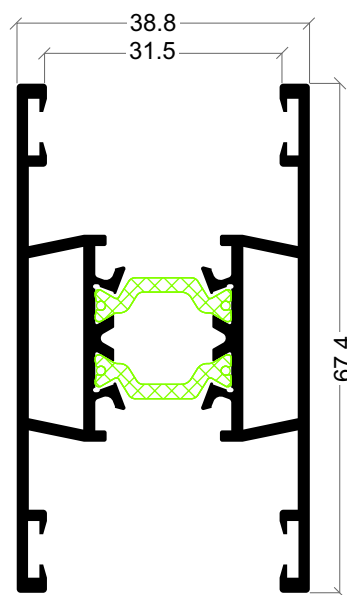
**AXi-13**  
Travessa



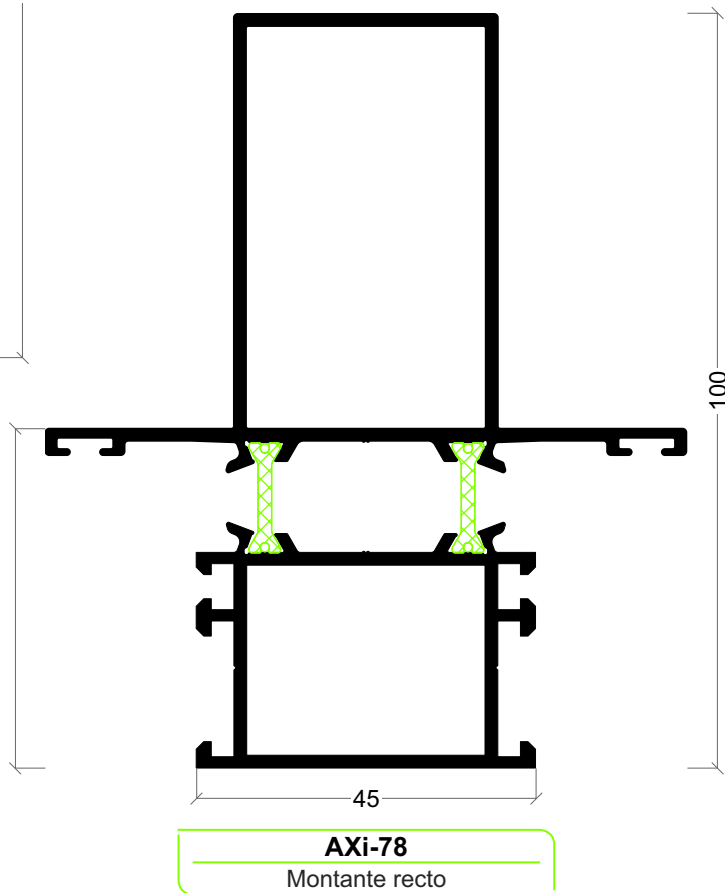
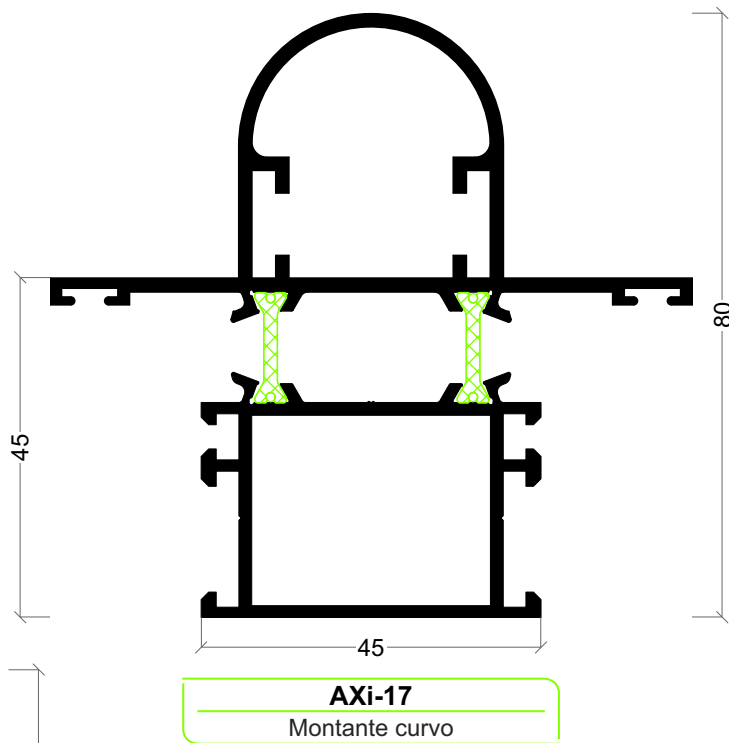
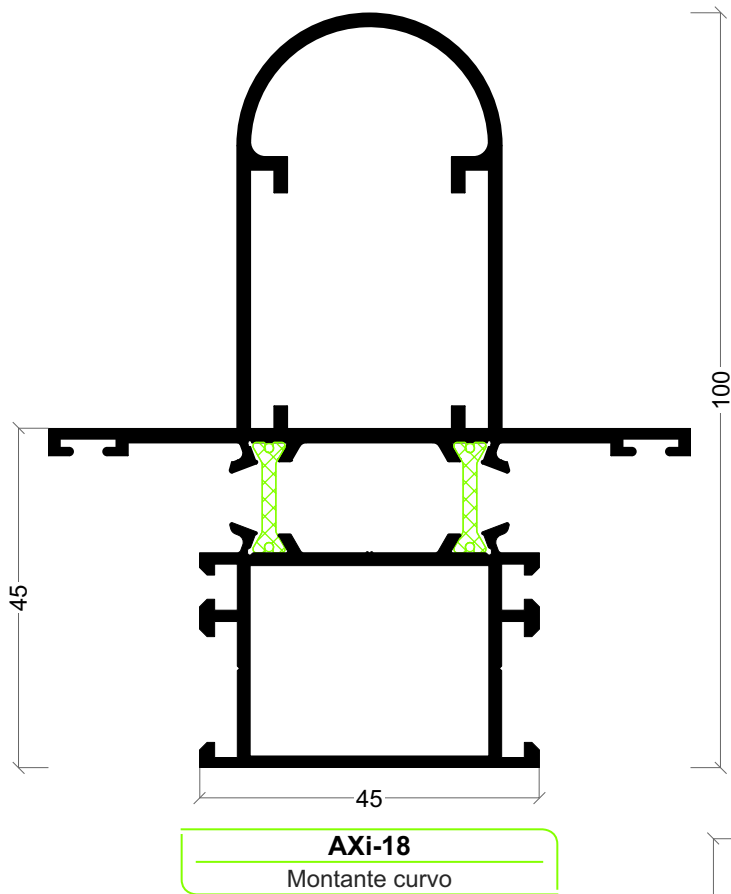
**AXi-14**  
Travessa

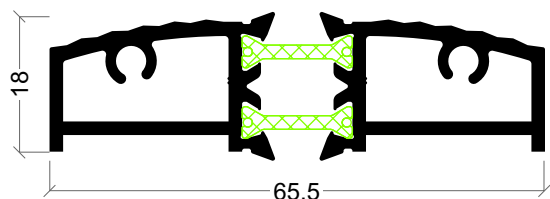


**AXi-43**  
Travessa para AXi-44

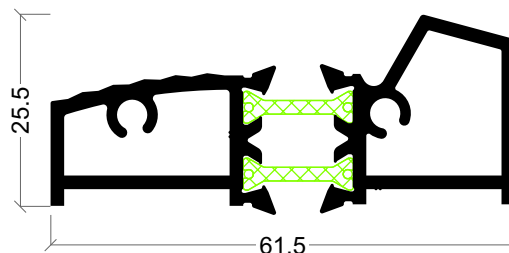


**AXi-79**  
Travessa para AXi-77

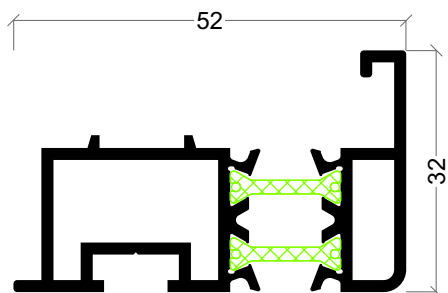




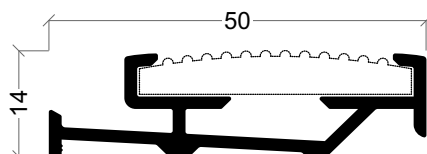
**AXi-69**  
Remate inferior porta



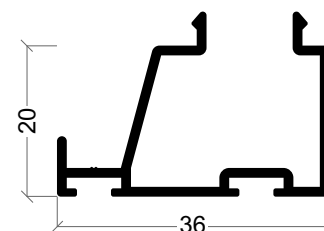
**AXi-70**  
Remate inferior porta



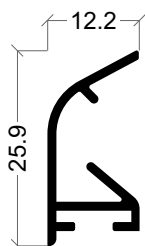
**AXi-42**  
Remate almofada



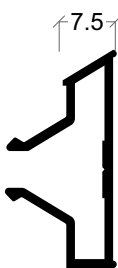
**AZ-69**  
Remate inferior porta



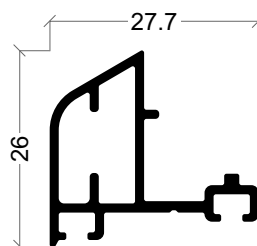
**AX-15**  
Bite remate



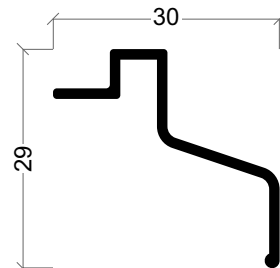
**AZ-60**  
Pingadeira



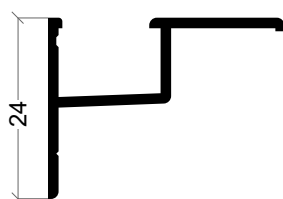
**AZ-61**  
Clip pingadeira



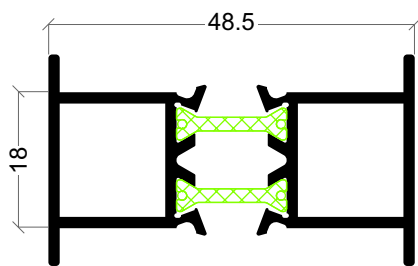
**AZ-79**  
Pingadeira



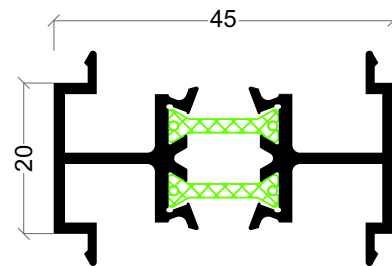
**AXi-45**  
Pingadeira



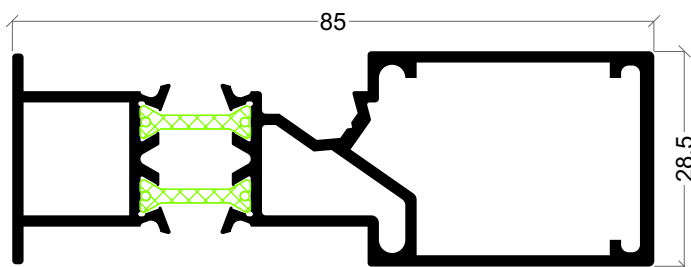
**Y-20**  
Recolha de águas condensação



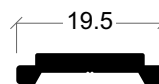
**AXi-54**  
União de aros



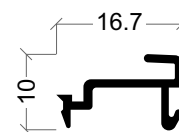
**AXi-15**  
União de aros



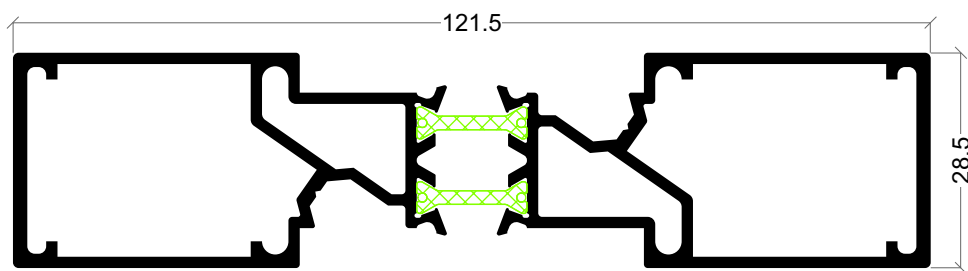
**AXi-67**  
União de aros com reforço



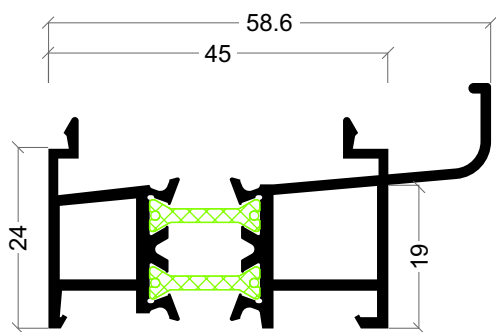
**AX-19**  
Vareta



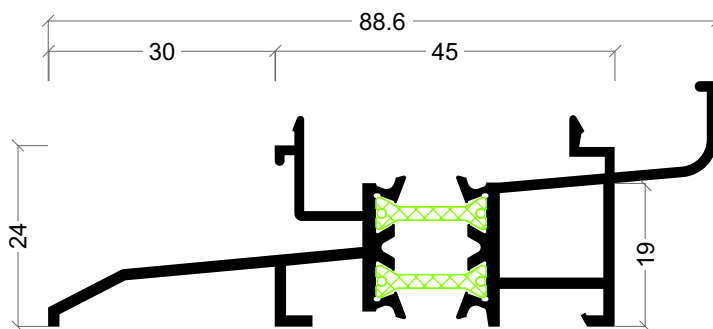
**AX-33**  
Mola Bite



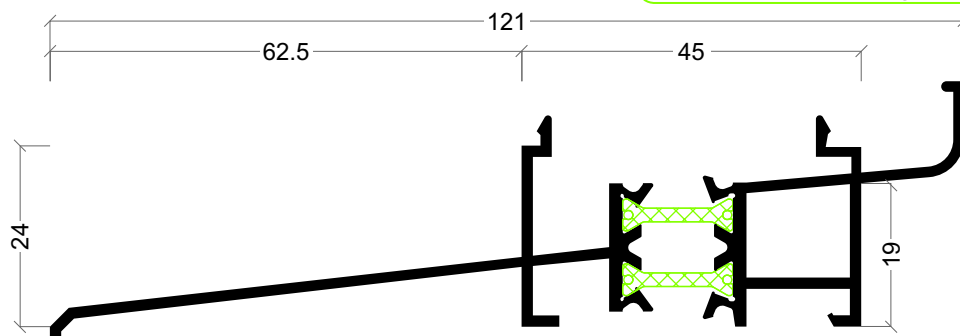
**AXi-68**  
União de aros com reforço



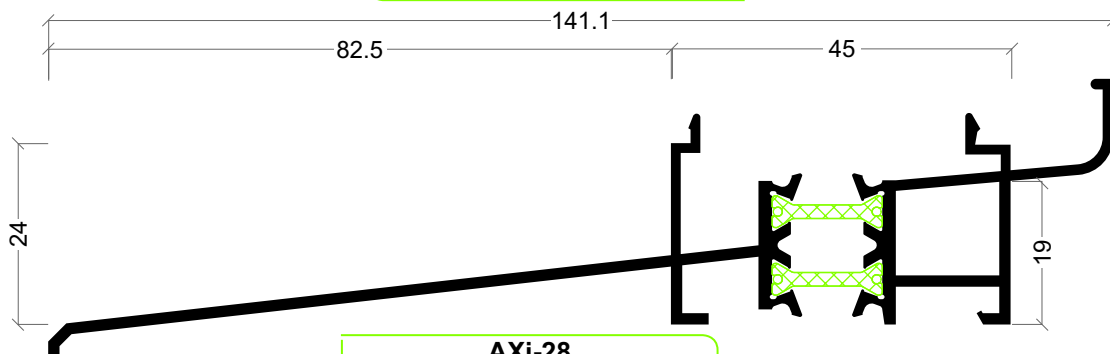
**AXi-57**  
Soleira condensação



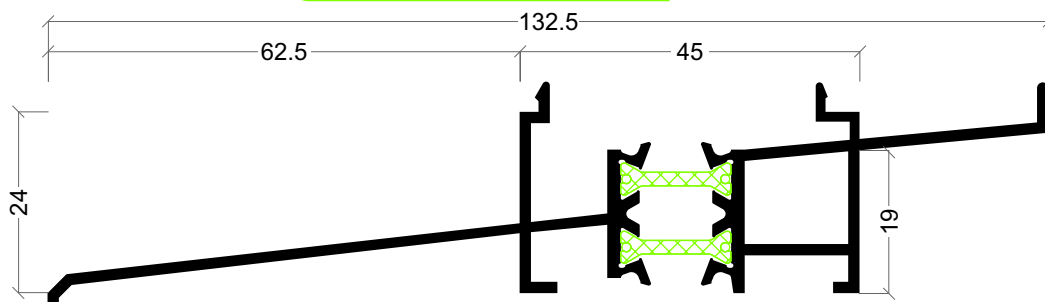
**AXi-29**  
Soleira condensação



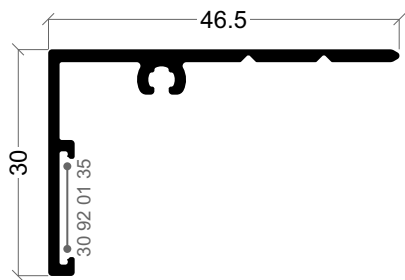
**AXi-30**  
Soleira condensação



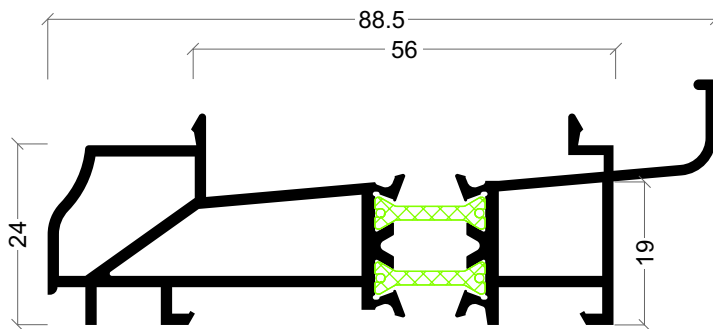
**AXi-28**  
Soleira condensação



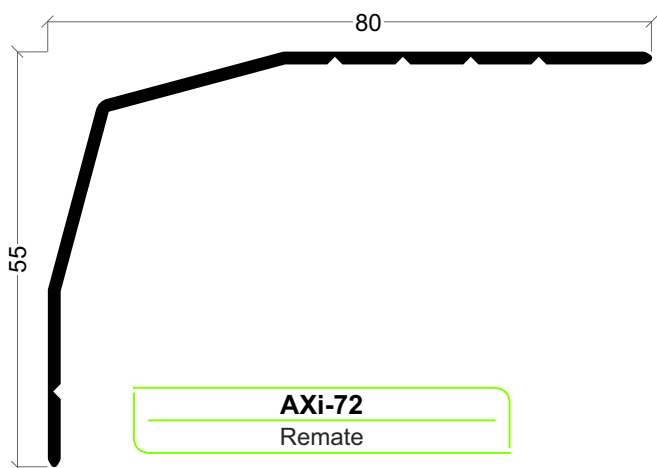
**AXi-22**  
Soleira condensação



**AXi-80**  
Remate



**AXi-55**  
Soleira condensação



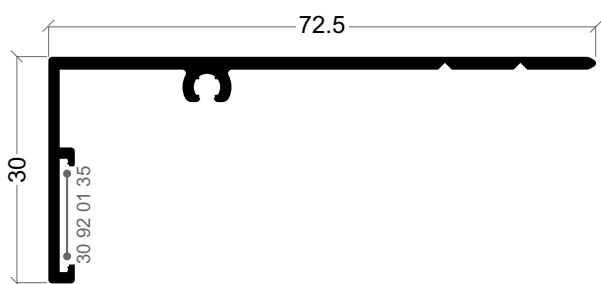
**AXi-72**  
Remate



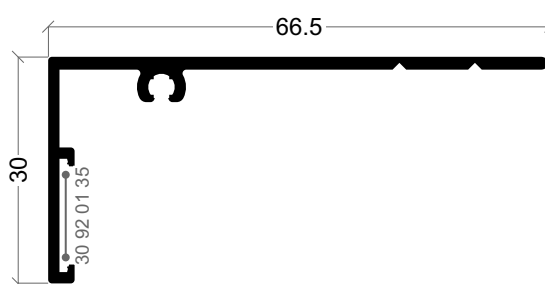
**AXi-88**  
Complemento remate



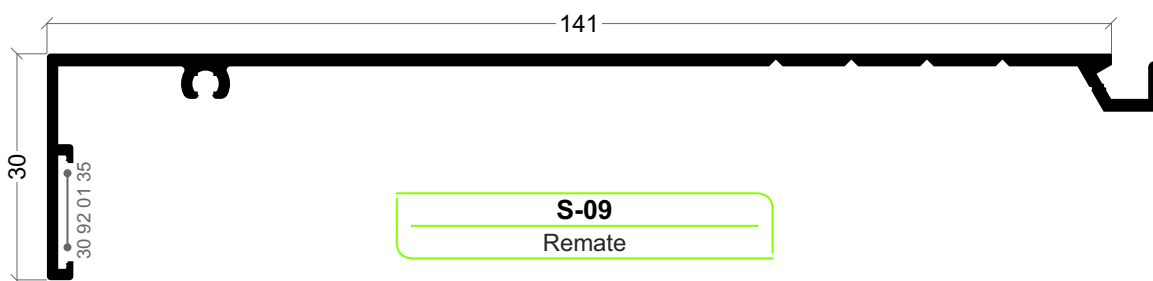
**AXi-91**  
Complemento remate



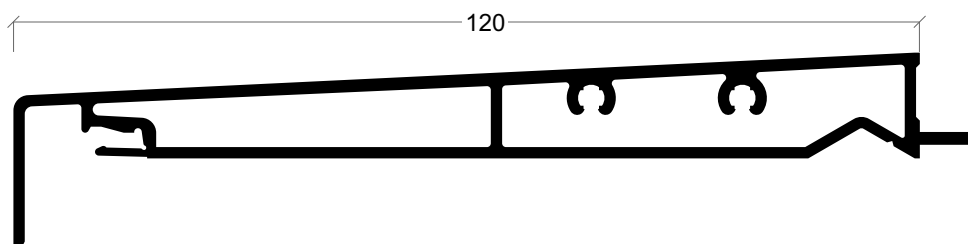
**AXi-83**  
Remate



**AXi-73**  
Remate

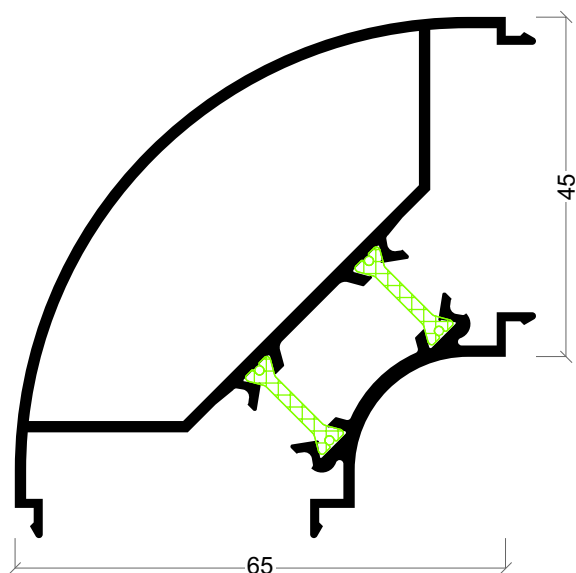


**S-09**  
Remate

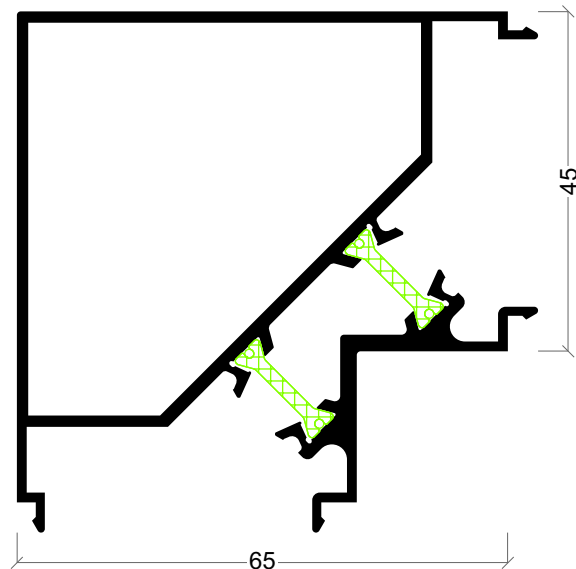


**AXi-74**  
Remate soleira

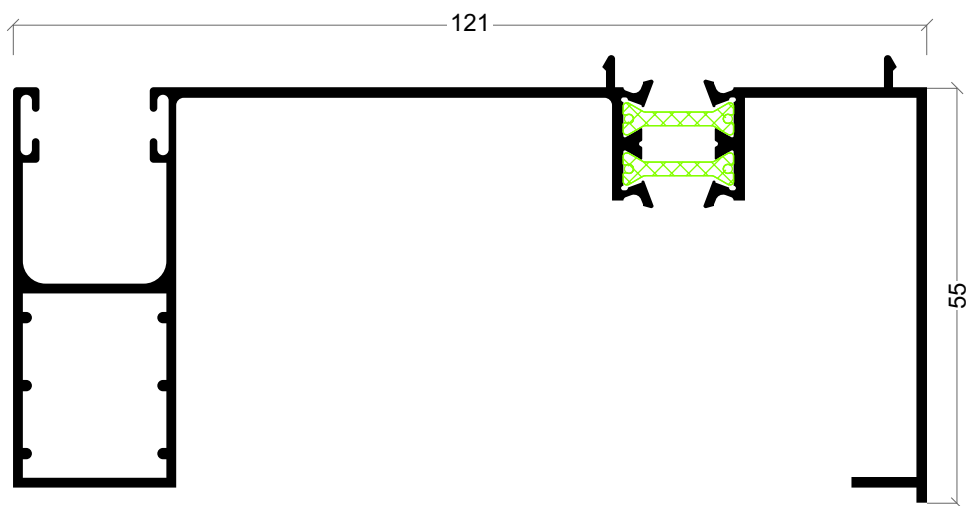




**AXi-16**  
Esquina

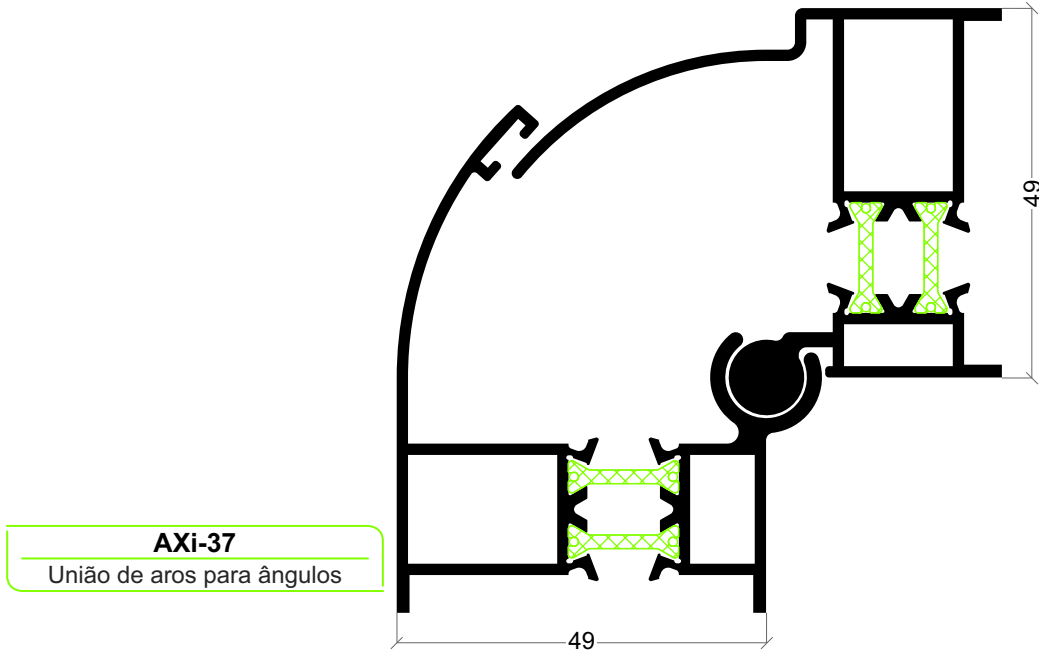


**AXi-34**  
Esquina

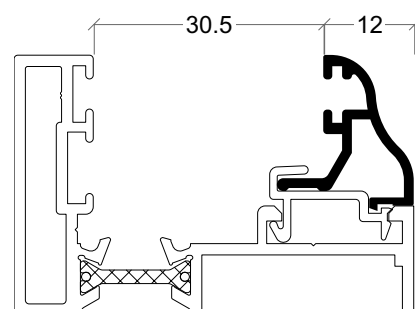
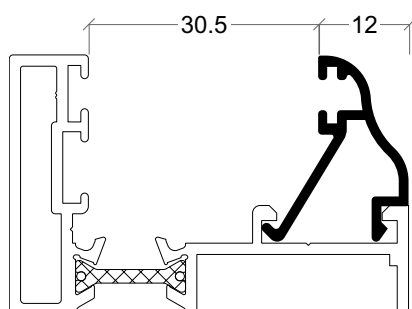
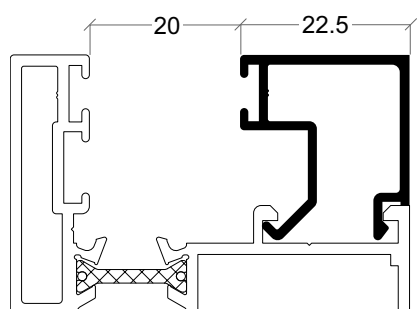
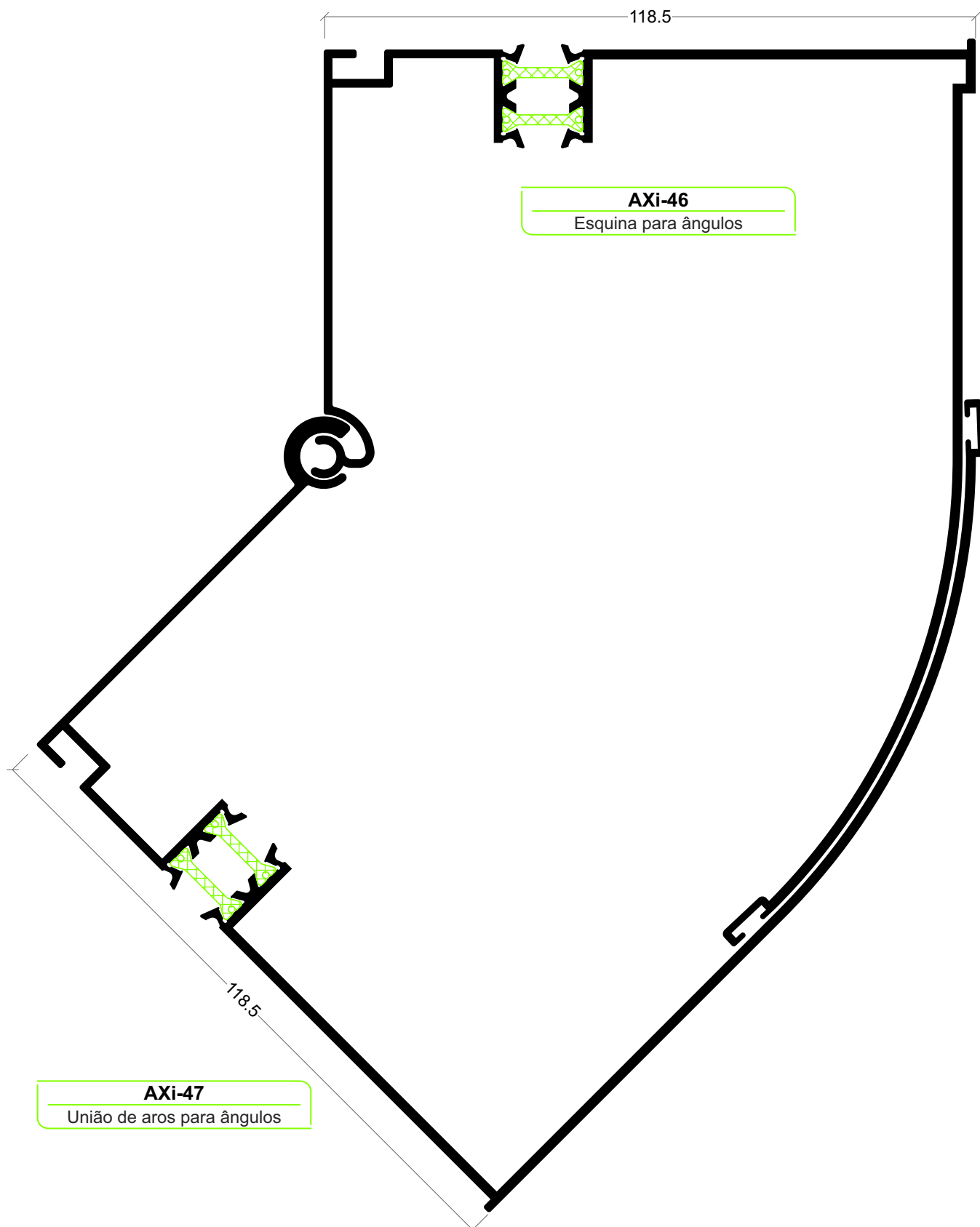


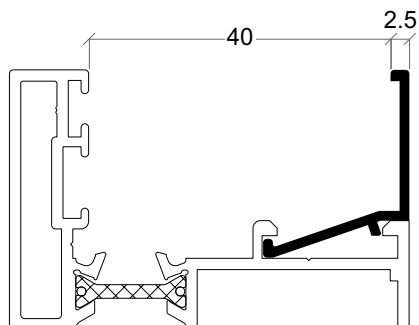
**AXi-11**  
Pré-aro com calha estore

**AXi-36**  
União de aros para ângulos

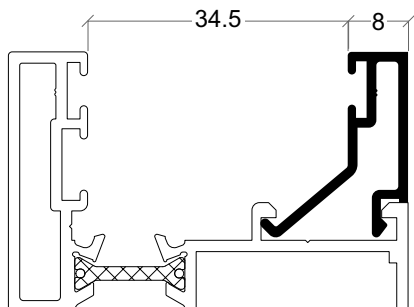


**AXi-37**  
União de aros para ângulos

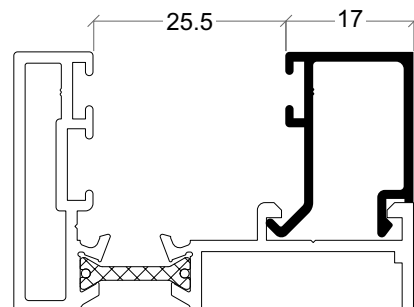




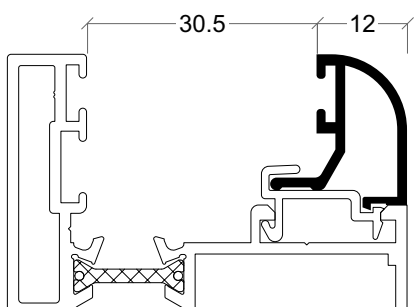
**AX-69**



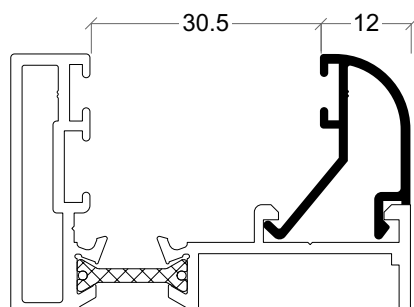
**AX-74**



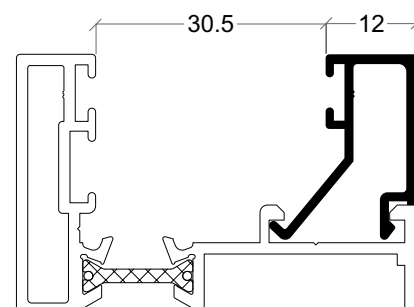
**AX-46**



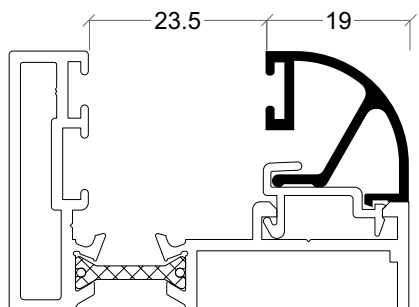
**AX-37**



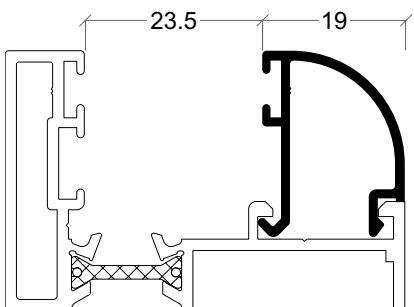
**AZ-08**



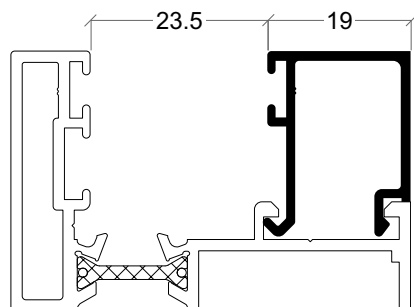
**AX-36**



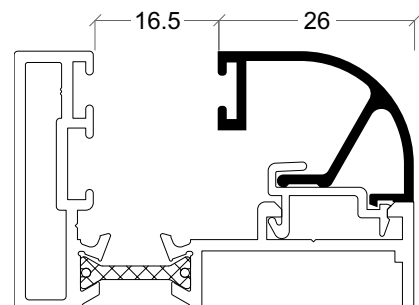
**AX-30**



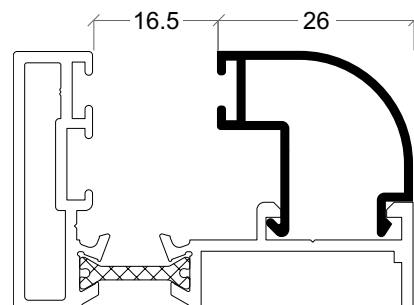
**AZ-07**



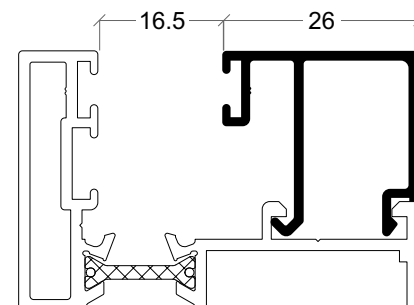
**AX-35**



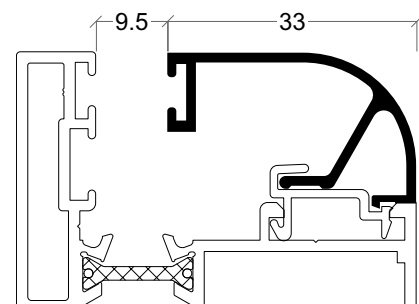
**AX-29**



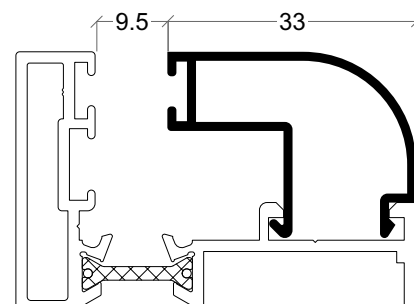
**AZ-06**



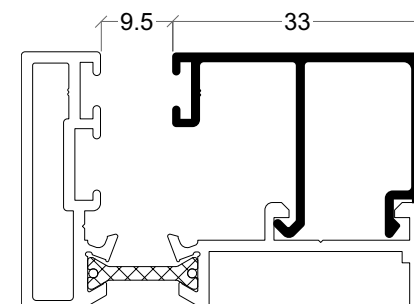
**AX-31**



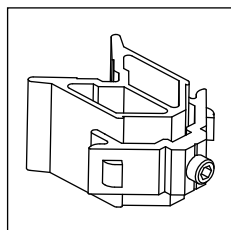
**AX-39**



**AZ-28**

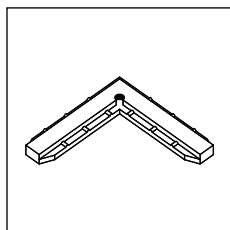


**AX-34**



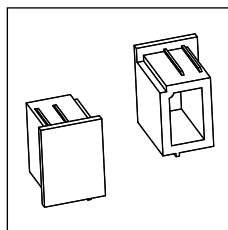
**30 20 30 09**

Esquadro móvel pivotante



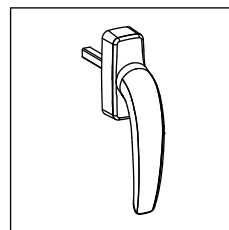
**30 21 20 07**

Esquadro de alinhamento



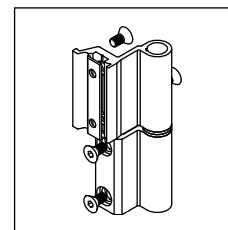
**30 91 21 20**

Jogo topos condensação Y-20



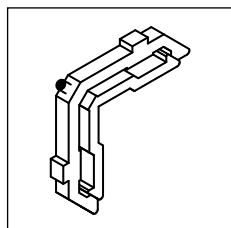
**30 91 41 47/48**

Cremona pivotante especial branco/preto



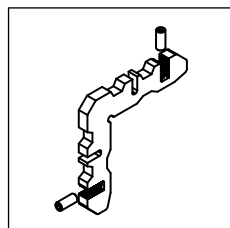
**30 92 00 20/21**

Dobradiça C.E. branco/preto



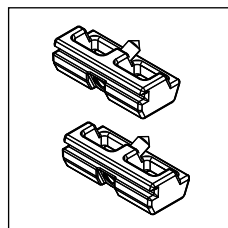
**30 96 00 38**

Esquadro alinhamento exterior



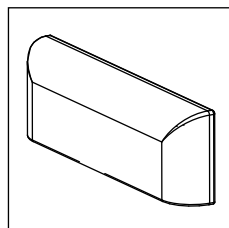
**30 96 00 45**

Esquadro alinhamento exterior com parafusos



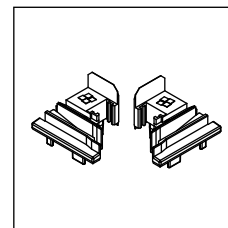
**30 92 00 50**

Complemento fecho



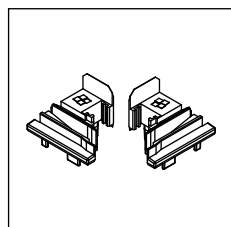
**30 92 01 00/01**

Goteiras branco/preto



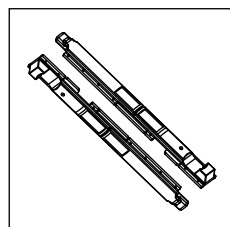
**30 92 01 12**

Jogo topos inversor poliamida em T AXI-04



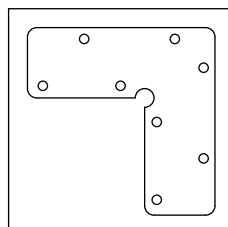
**30 92 01 13**

Jogo topos inversor AXI-04



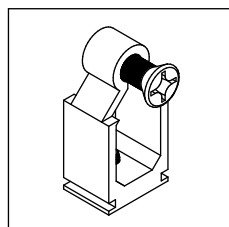
**30 92 01 20**

Jogo fecho C.E.



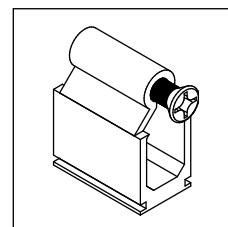
**30 92 01 35**

Esquadro alinhamento



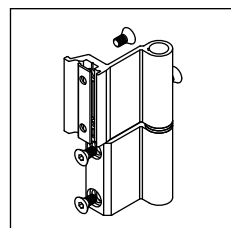
**30 92 01 40**

União topos janela



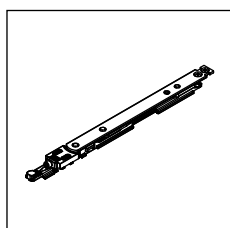
**30 92 01 50**

União topos porta



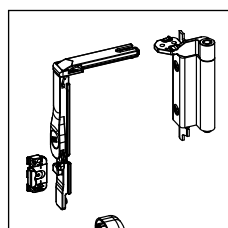
**30 92 01 70/80**

Dobradiça 3 folhas branco/preto



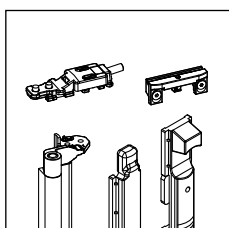
**30 92 02 10/11/12**

Compasso oscilo 300/400/500



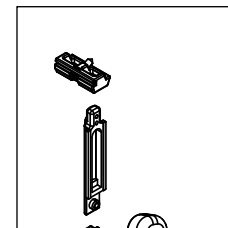
**30 92 02 20/21**

Kit oscilobatente branco/preto



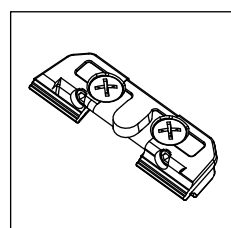
**30 92 02 24/25**

Kit 2ª folha oscilobatente branco/preto



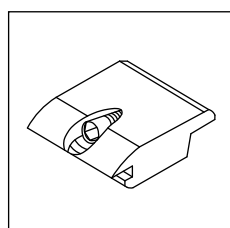
**30 92 03 10/11**

Kit cremone branco/preto



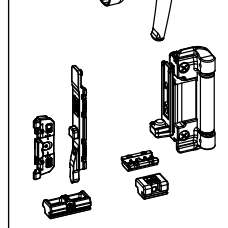
**30 92 02 15**

Fecho para micro-ventilação



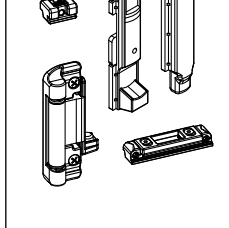
**30 92 02 60**

Apoio da folha



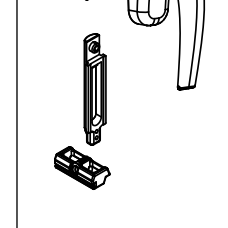
**30 92 03 96**

Canto vulcanizado



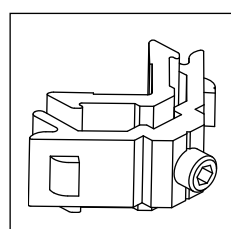
**30 92 04 10**

Esquadro janela abertura exterior



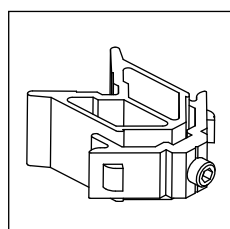
**30 92 04 50**

Cremona abertura exterior



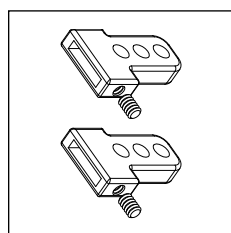
**30 92 03 80**

Esquadro janela



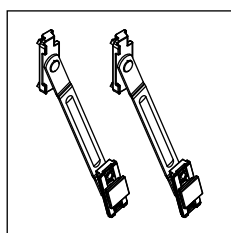
**30 92 03 90**

Esquadro porta



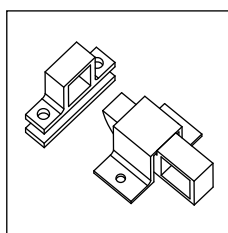
**30 92 04 60**

Jogo de transmissão  
abertura exterior



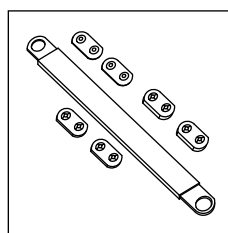
**30 92 04 75**

Jogo compasso  
basculante



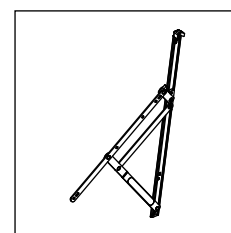
**30 92 04 76/77**

Fecho clack (branco/  
preto)



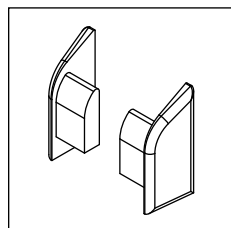
**30 92 04 85**

Jogo compasso



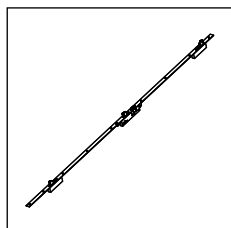
**30 92 04 90**

Compasso SEN-550 (até  
70kg /folha)



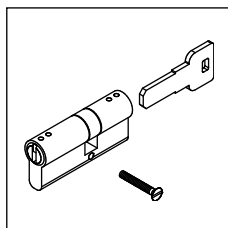
**30 92 05 00**

Jogo topos



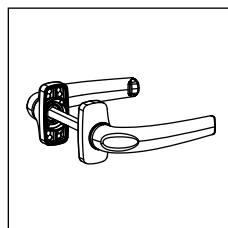
**30 92 05 10**

Fechadura 3 pontos  
35 mm



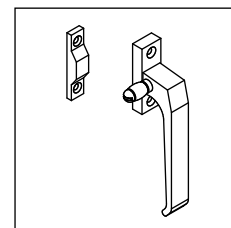
**30 92 05 40**

Canhão fechadura



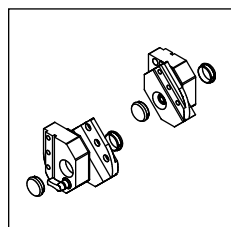
**30 92 05 60/61**

Puxador duplo branco/  
preto



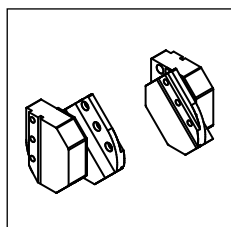
**30 92 06 10/11**

Cremona de lingueta  
branco/preto



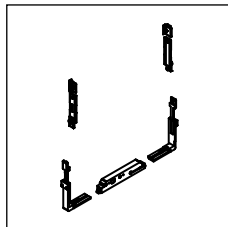
**30 92 07 10/11**

Jogo pivotante 60kg  
preto/branco



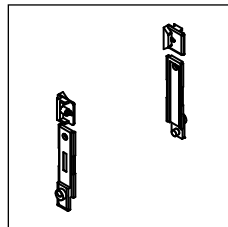
**30 92 07 14/15**

Jogo pivotante vertical/  
horizontal especial AXi (130 kg)



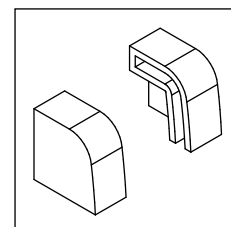
**30 92 07 16**

Fecho perimetral  
pivotante especial



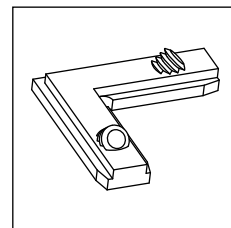
**30 92 07 17**

Fecho suplementar  
pivotante especial



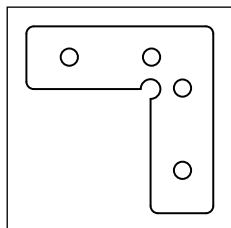
**30 96 00 12**

Jogo topos condensação



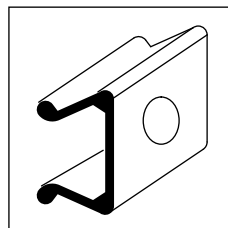
**30 96 00 15**

Esquadro de  
alinhamento



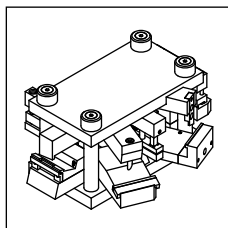
**30 96 00 28**

Esquadro alinhamento especial  
AXi-07/10/27/53/65/66



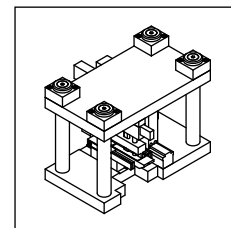
**31 03 40 00**

Mola para AZ-60



**33 96 79 99**

Cunho C.E.

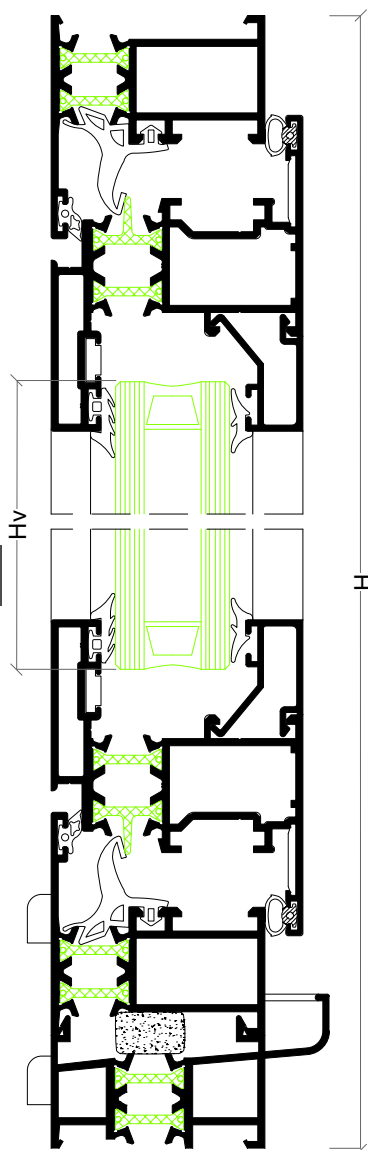
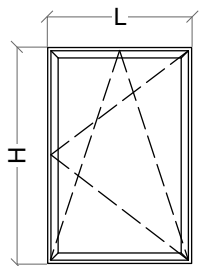


**33 96 87 99**

Cunho esquadros  
interior/exterior

Referência	Desenho	Descrição
30 00 95 01		Junta exterior abertura pivotante
30 00 95 15		Junta vedação inferior curta
30 20 30 05		Junta isolante AXi
30 20 30 08		Junta central abertura pivotante
30 25 44 15		Junta tapa canal
30 92 04 70		Espuma isolante
30 93 00 20		Junta de remate AZ-69
30 93 00 50		Junta central
30 93 00 60		Vedante exterior do vidro (opcional)
30 93 00 61		Junta de vedação exterior
30 93 00 62		Junta exterior plana
30 93 00 65		Junta interior para vidro (5 mm)
30 93 00 66		Junta interior para vidro (4 mm)
30 93 00 67		Junta interior para vidro (2 mm)
30 93 00 68		Junta interior para vidro (6/7 mm)
30 93 00 69		Junta interior para vidro (8/9 mm)
30 93 00 70		Vedante interior do vidro (opcional)
30 93 00 80		Junta de vedação inferior AXi-42
30 93 00 82		Junta de vedação inferior
30 93 00 90		Junta exterior
30 93 01 10		Junta central poliamida em T
30 93 01 20		Junta interior
30 93 01 30		Junta exterior (abertura exterior/projectante)
30 95 00 10		Pelúcia 7x9 mm
30 95 00 40		Pelúcia 7x5.5 mm

## Janela 1 folha abrir e oscilo-batente



### Perfis

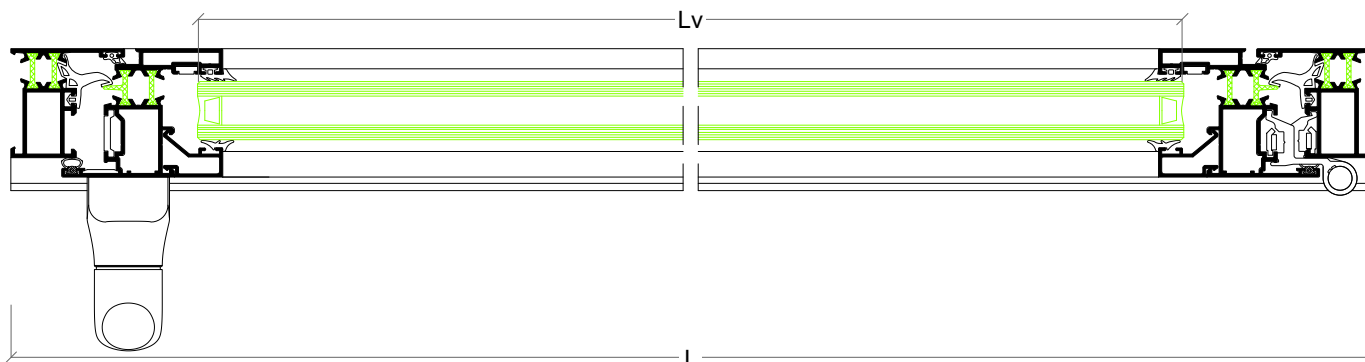
Desenho	Ref	Descrição	Corte	Quant	Medida
	AXi-03	Aro fixo		2	L
				2	H-24 mm
	AXi-64	Aro móvel		2	L-42 mm
				2	H-66 mm
	AXi-57	Soleira condensação		1	L
	AX-19	Vareta		1+1	Apro. L+H
	---	Bite		2	L-135 mm
				2	H-199 mm

### Acessórios e Juntas

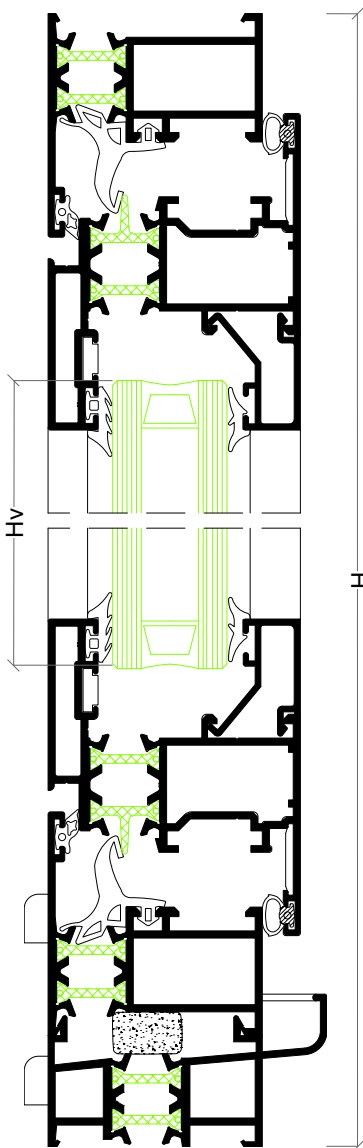
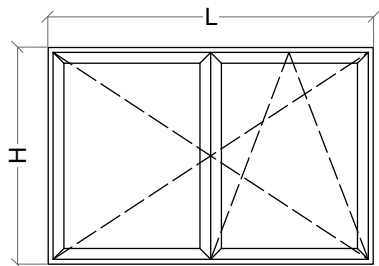
Referência	Descrição	Quantidade	
		Abrir	Oscilo-batente
30 92 00 20	Dobradiças C.E.	2	---
30 92 01 00	Goteiras	4	4
30 92 01 35	Esquadro alinhamento aro móvel	4	4
30 92 02 (xx)	Compasso O.B.	---	1
30 92 02 20	Kit oscilo-batente	---	1
30 92 02 60	Apoio da folha	1	---
30 92 03 10	Kit cremone	1	---
30 92 03 80	Esquadro janela	8	8
30 96 00 12	Jogo topos condensação	1	1
30 96 0015	Esquadro alinhamento móvel	4	4
30 92 03 96	Canto vulcanizado	4	4
30 92 04 70	Espuma isolante	L	L
30 93 00 90	Junta exterior	2L+2H	
30 93 01 10	Junta central	2L+2H	
30 93 01 20	Junta interior	2L+2H	
---	Junta exterior vidro	2L+2H	
---	Junta interior vidro	2L+2H	

### Vidro

Hv = H-174 mm	Lv = L-149 mm
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## Janela 2 folhas abrir e oscilo-batente



### Perfis

Desenho	Ref	Descrição	Corte	Quant	Medida
	AXi-03	Aro fixo		2	L
				2	H-24 mm
	AXi-64	Aro móvel		4	L/2-24 mm
				4	H-66 mm
	AXi-57	Soleira condensação		1	L
	AX-19	Vareta		1+1	Apro. L+H
	---	Bite		4	L/2-117 mm
				4	H-199 mm
	AXi-04	Inversor		1	H-134 mm

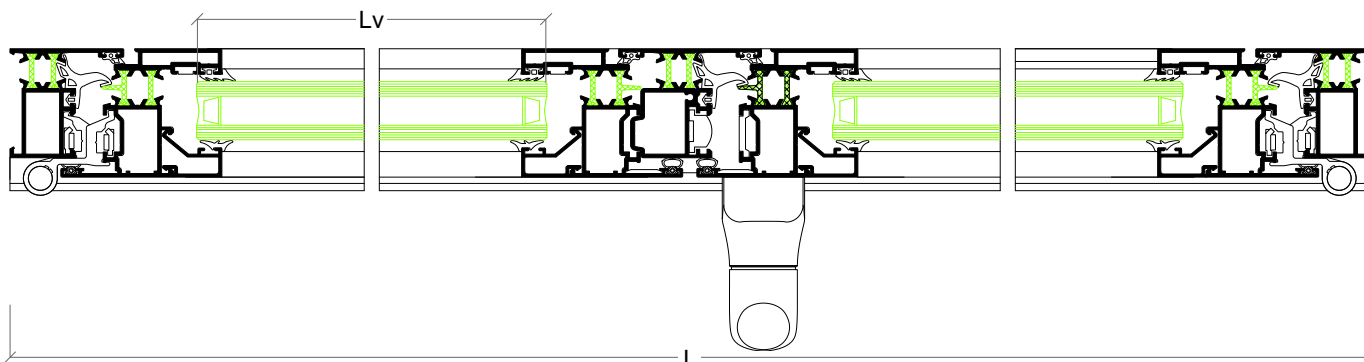
### Acessórios e Juntas

Referência	Descrição	Quantidade	
		Abrir	Oscilo-batente
30 92 00 20	Dobradiças C.E.	4	---
30 92 01 00	Goteiras	4	4
30 92 01 20	Jogo fecho C.E.	1	---
30 92 01 35	Esquadro alinhamento aro móvel	8	8
30 92 02 (xx)	Compasso O.B.	---	1
30 92 02 20	Kit oscilo-batente	---	1
30 92 02 24	Kit 2ª folha oscilo-batente	---	1
30 92 02 60	Apoio da folha	1	---
30 92 03 10	Kit cremone	1	---
30 92 03 80	Esquadro janela	12	12
30 92 01 12	Jogo topos inversor	1	1
30 96 00 12	Jogo topos condensação	1	1
30 96 00 15	Esquadro alinhamento móvel	8	8
30 92 03 96	Canto vulcanizado	4	4
30 92 04 70	Espuma isolante	L	L
30 93 00 90	Junta exterior	2L+4H	
30 93 01 10	Junta central	2L+3H	
30 93 01 20	Junta interior	2L+4H	
---	Junta exterior vidro	2L+4H	
---	Junta interior vidro	2L+4H	

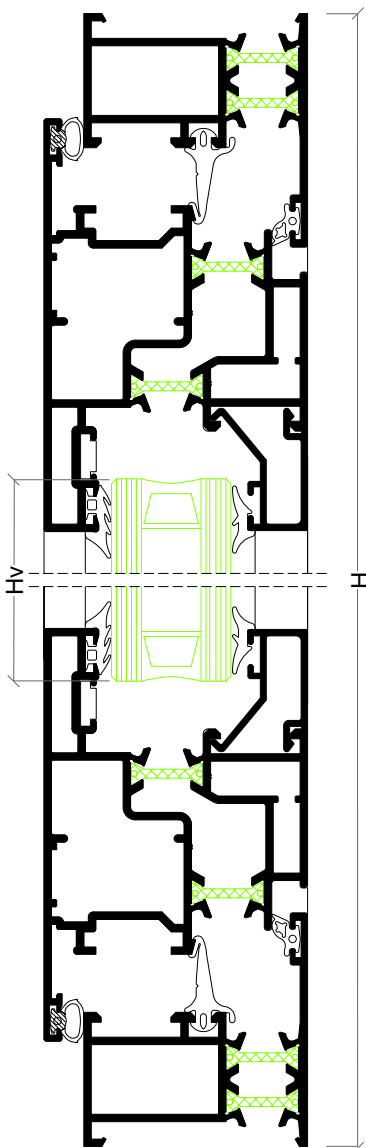
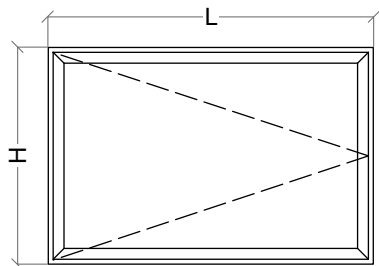
25

### Vidro

Hv = H-174 mm	Lv = L/2-131 mm
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## Janela 1 folha abertura exterior



### Perfis

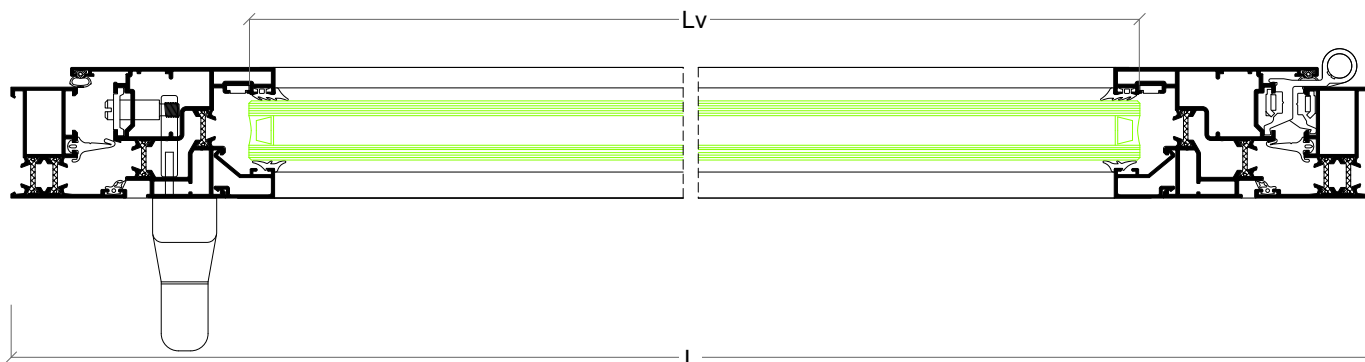
Desenho	Ref	Descrição	Corte	Quant	Medida
	AXi-03	Aro fixo		2	L
				2	H
	AXi-60	Aro móvel abertura exterior		2	L-42 mm
				2	H-42 mm
	AX-19	Vareta		1	H
	---	Bite		2	L-168 mm
				2	H-208 mm

### Acessórios e Juntas

Referência	Descrição	Quantidade
30 92 00 20	Dobradiças C.E.	2
30 92 02 60	Apoio da folha	1
30 92 04 50	Cremone abertura exterior	1
30 92 03 80	Esquadro janela	8
30 96 00 15	Esquadro alinhamento móvel	4
30 92 04 60	Jogo de transmissão abertura exterior	1
30 92 01 35	Esquadro alinhamento	4
30 96 00 38	Esquadro interno móvel	4
30 93 00 50	Junta central (opcional)	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

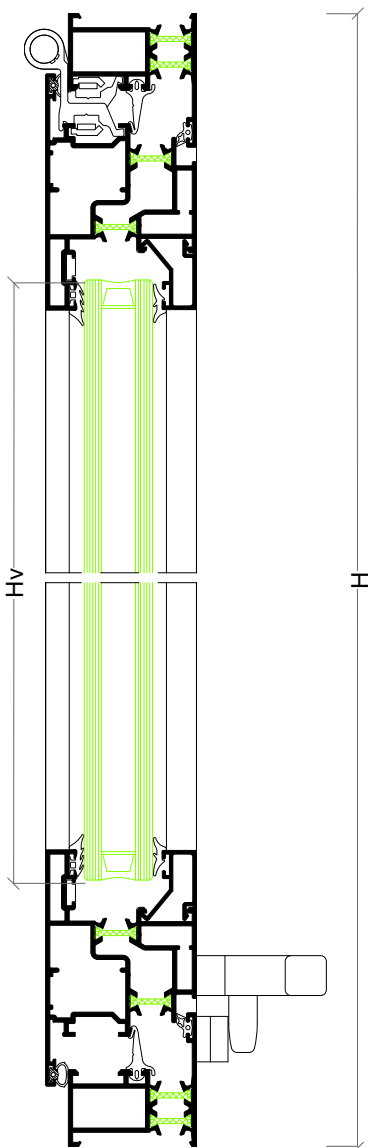
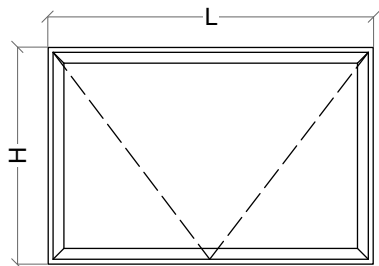
### Vidro

Hv = H-182 mm	Lv = L-182 mm
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## Janela 1 folha projectante



### Perfis

Desenho	Ref	Descrição	Corte	Quant	Medida
	AXi-03	Aro fixo		2	L
				2	H
	AXi-60	Aro móvel abertura exterior		2	L-42 mm
				2	H-42 mm
	---	Bite		2	L-168 mm
				2	H-208 mm

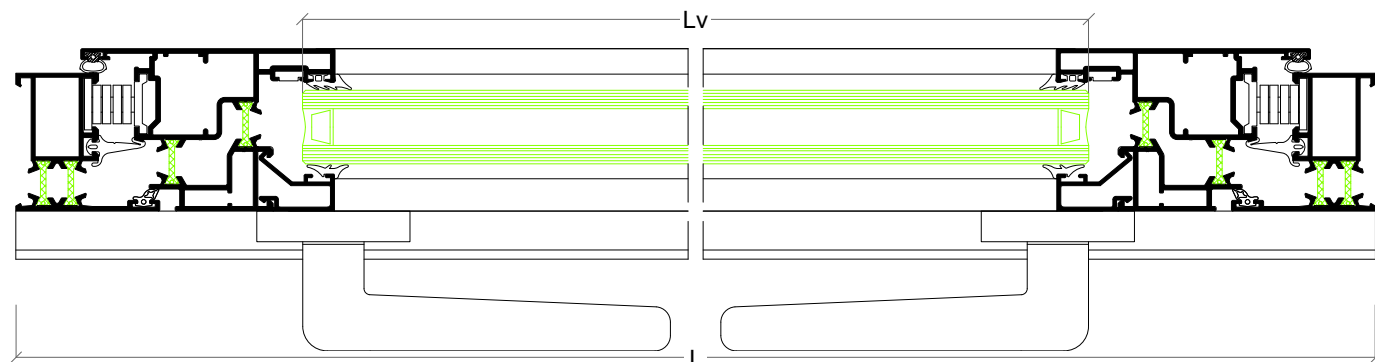
### Acessórios e Juntas

Referência	Descrição	Quantidade
30 92 03 80	Esquadro janela	8
30 92 04 85	Jogo compasso	1
30 92 06 10	Cremona de lingueta	2
30 96 00 15	Esquadro alinhamento móvel	4
30 92 01 35	Esquadro alinhamento	4
30 96 00 38	Esquadro interno móvel	4
30 93 00 50	Junta central (opcional)	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

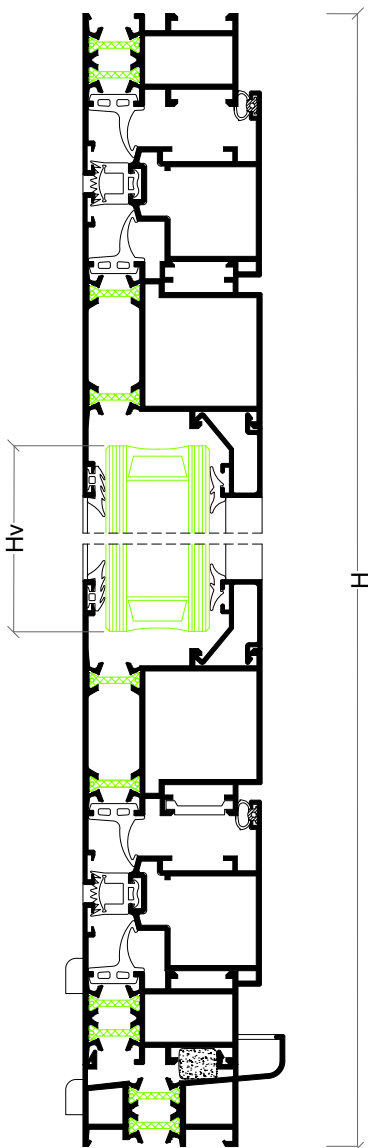
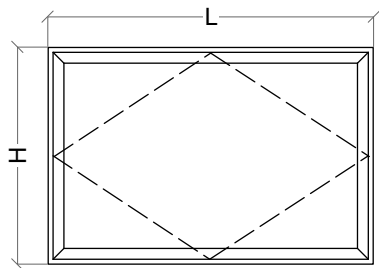
27

### Vidro

Hv = H-182 mm	Lv = L-182 mm
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## Janela pivotante horizontal



### Perfis

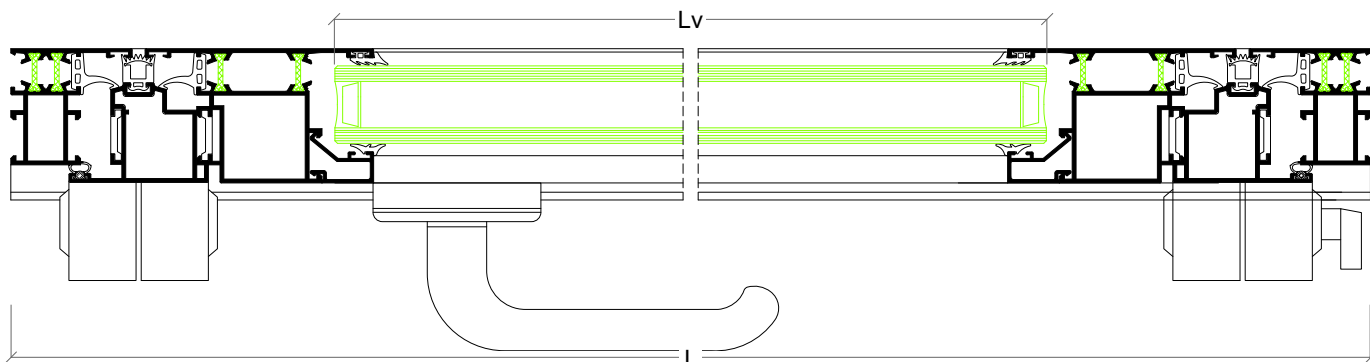
Desenho	Ref	Descrição	Corte	Quant	Medida
	AXi-38	Aro fixo		2	L
				2	H-24 mm
	AXi-40	Aro móvel		2	L-104 mm
				2	H-128 mm
	AXi-41	Inversor		2	L-45 mm
				2	H/2-12 mm
				2	H/2+12 mm
	AXi-57	Soleira condensação		1	L
	---	Bite		2	L-241 mm
				2	H-305 mm

### Acessórios e Juntas

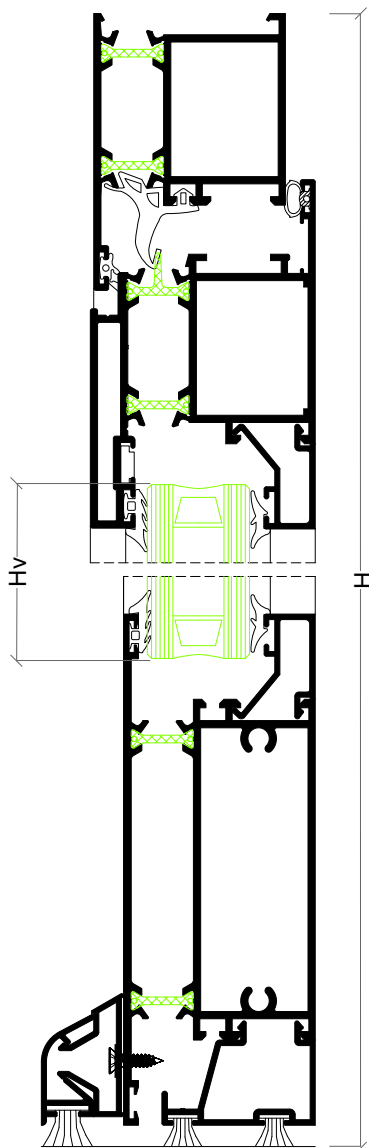
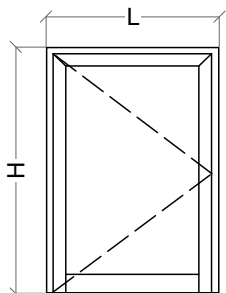
Referência	Descrição	Quantidade
30 20 30 09	Esquadro móvel	4
30 92 01 00	Goteiras	4
30 92 03 80	Esquadro janela	4
30 92 04 10	Esquadro inversor pivotante	4
30 92 07 10	Jogo pivotante	1
30 92 06 11	Cremona de lingueta	2
30 96 00 12	Jogo topos condensação	1
30 92 04 70	Espuma isolante	L
30 00 95 01	Junta exterior	2L+2H
30 20 30 08	Junta central	4L+4H
30 93 01 20	Junta interior	2L+2H
---	Junta exterior vidro	2L+2H
---	Junta interior vidro	2L+2H

### Vidro

Hv = H-279 mm	Lv = L-255 mm
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## Porta 1 folha



### Perfis

Desenho	Ref	Descrição	Corte	Quant	Medida
	AXi-08	Aro fixo		1	L
				2	H
	AXi-65	Aro móvel		1	L-78 mm
				2	H-44 mm
	AXi-12	Travessa		1	L-193 mm
	AX-15	Bite remate		1	L-202 mm
	---	Bite		2	L-202 mm
				2	H-246 mm
	AZ-60	Pingadeira		1	L-145 mm
	AZ-61	Clip pingadeira		1	L-242 mm

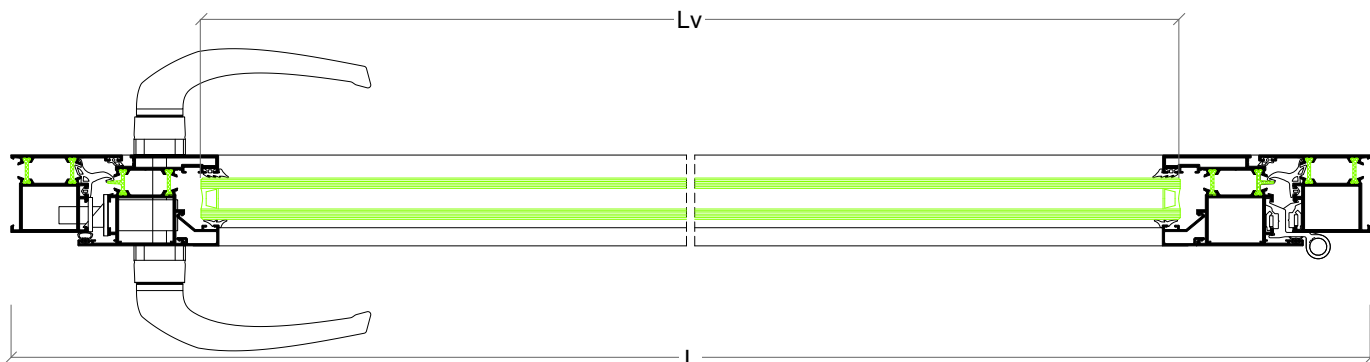
### Acessórios e Juntas

Referência	Descrição	Quantidade
30 92 00 20	Dobradiças C.E.	3
30 92 03 90	Esquadro porta	4
30 92 05 10	Fechadura 3 pontos	1
30 92 05 40	Canhão fechadura	1
30 92 05 60	Puxador duplo	1
30 96 00 15	Esquadro alinhamento móvel	2
30 92 05 00	Jogo topos	1
30 92 03 96	Canto vulcanizado	2
30 96 00 28	Esquadro alinhamento	2
30 93 00 90	Junta exterior	1L+2H
30 93 01 10	Junta central	1L+2H
30 93 01 20	Junta interior	1L+2H
30 95 00 10	Pelúcia 7x9 mm	2L
---	Junta exterior vidro	2L+2H
---	Junta interior vidro	2L+2H

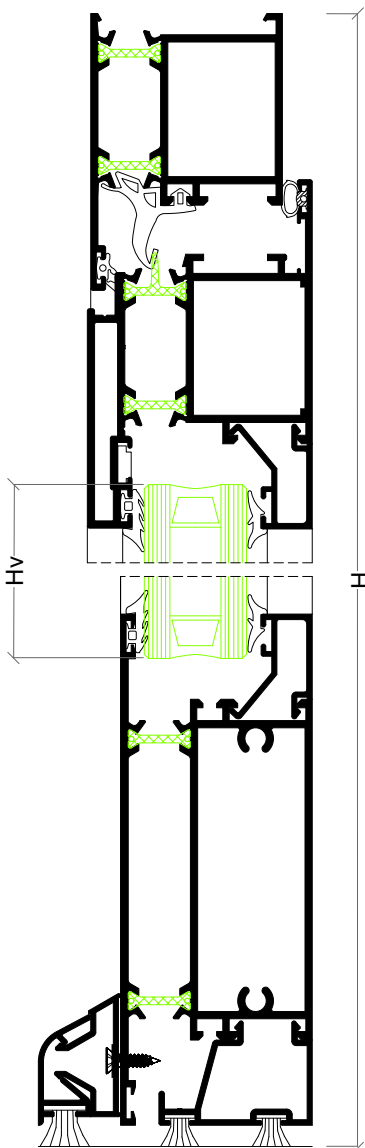
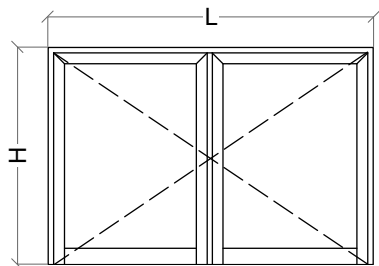
29

### Vidro

Hv = H-220 mm	Lv = L-216 mm
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## Porta 2 folhas



### Perfis

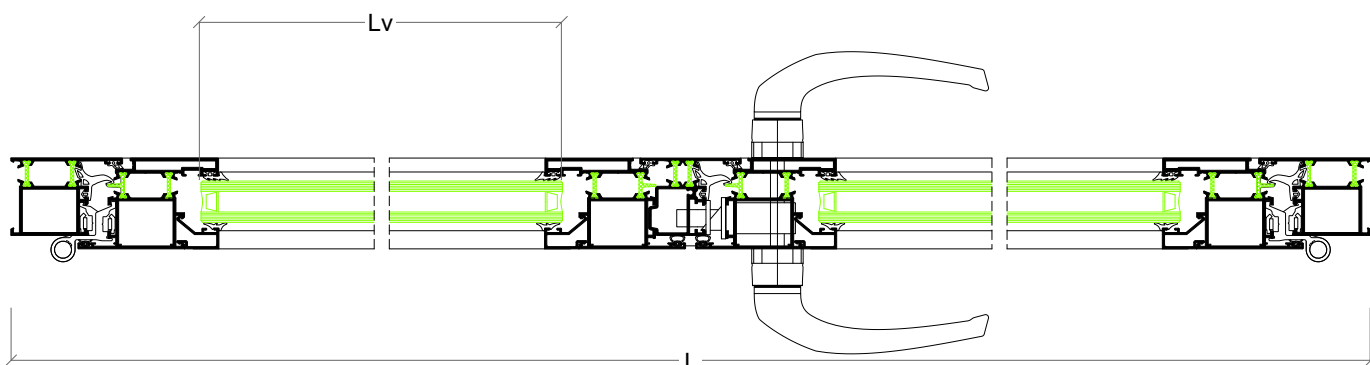
Desenho	Ref	Descrição	Corte	Quant	Medida
	AXi-08	Aro fixo		1	L
				4	H
	AXi-65	Aro móvel		2	L/2-42 mm
				4	H-44 mm
	AXi-04	Inversor		1	H-78 mm
	AXi-12	Travessa		2	L/2-157 mm
	AX-15	Bite remate		2	L/2-166 mm
	---	Bite		4	L/2-166 mm
				4	H-246 mm
	AZ-60	Pingadeira		1	Aprox. L/2
				1	Aprox. L/2
	AZ-61	Clip pingadeira		2	L/2-206 mm

### Acessórios e Juntas

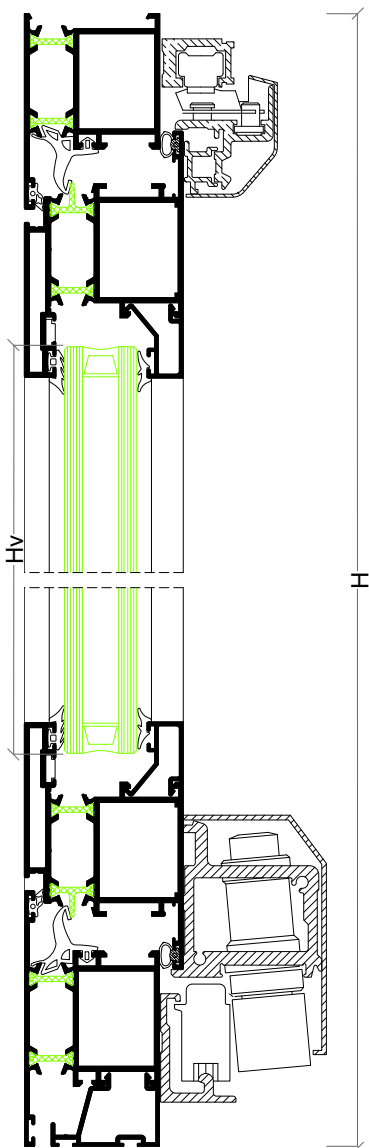
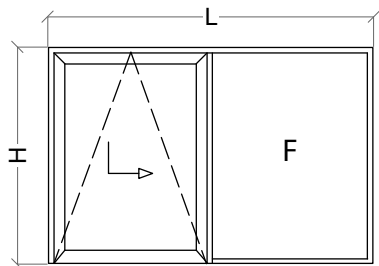
Referência	Descrição	Quantidade
30 92 00 20	Dobradiças C.E.	6
30 92 01 12	Jogo topos inversor	1
30 92 01 20	Jogo fecho C.E.	1
30 92 03 90	Esquadro porta	6
30 92 05 10	Fechadura 3 pontos	1
30 92 05 40	Canhão fechadura	1
30 92 05 60	Puxador duplo	1
30 96 00 15	Esquadro alinhamento móvel	4
30 92 05 00	Jogo topos	1
30 92 03 96	Canto vulcanizado	2
30 96 00 28	Esquadro alinhamento	2
30 93 00 90	Junta exterior	1L+4H
30 93 01 10	Junta central	1L+3H
30 93 01 20	Junta interior	L+4H
30 95 00 10	Pelúcia 7x9 mm	2L
---	Junta exterior vidro	2L+2H
---	Junta interior vidro	2L+2H

### Vidro

Hv = H-220 mm	Lv = L-180 mm
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## Porta oscilo-paralela com fixo lateral



### Perfis

Desenho	Ref	Descrição	Corte	Quant	Medida
	AXi-08	Aro fixo		1	L
				2	H
	AXi-65	Aro móvel		2	L1-56 mm
				2	H-98 mm
	AXi-06	Travessa		1	L-81 mm
				1	H-101mm
	AX-15	Bite remate		1	L-90 mm
	AX-19	Vareta		1+1	Apro. L+H
	---	Bite (folha)		2	L1-180 mm
				2	H-262 mm
	---	Bite (fixo)		2	L2-67.5 mm
				2	H-150 mm

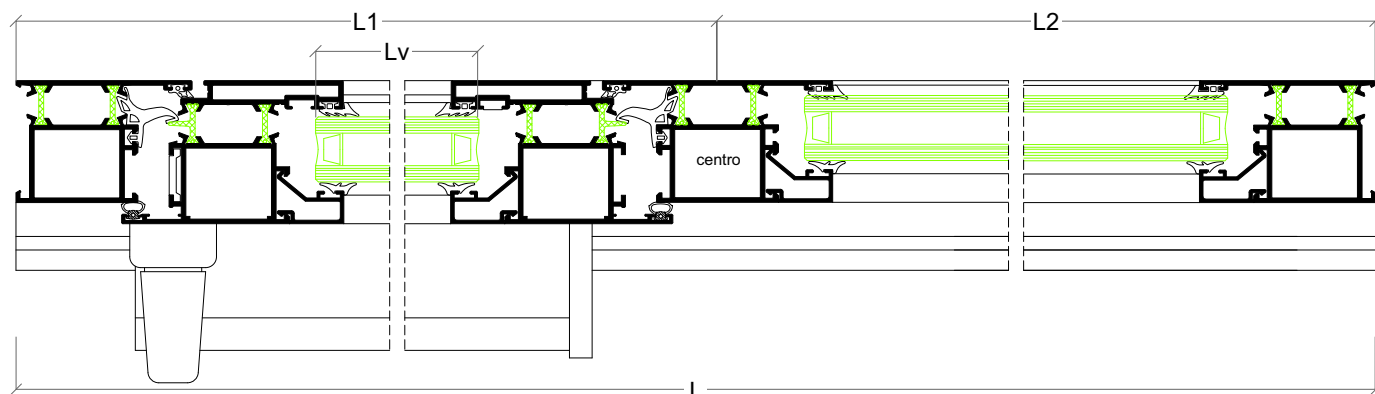
### Acessórios e Juntas

Referência	Descrição	Quantidade
30 92 01 00	Goteiras	4
30 92 01 50	União topos porta	2
30 92 03 90	Esquadro porta	6
30 96 00 15	Esquadro alinhamento móvel	4
---	Kit oscilo-paralela	1
30 92 03 96	Canto vulcanizado	4
30 96 00 28	Esquadro alinhamento	4
30 93 00 90	Junta exterior	2L1+2H
30 93 01 10	Junta central	2L1+2H
30 93 01 20	Junta interior	2L1+2H
---	Junta exterior vidro	2L+2H
---	Junta interior vidro	2L+2H

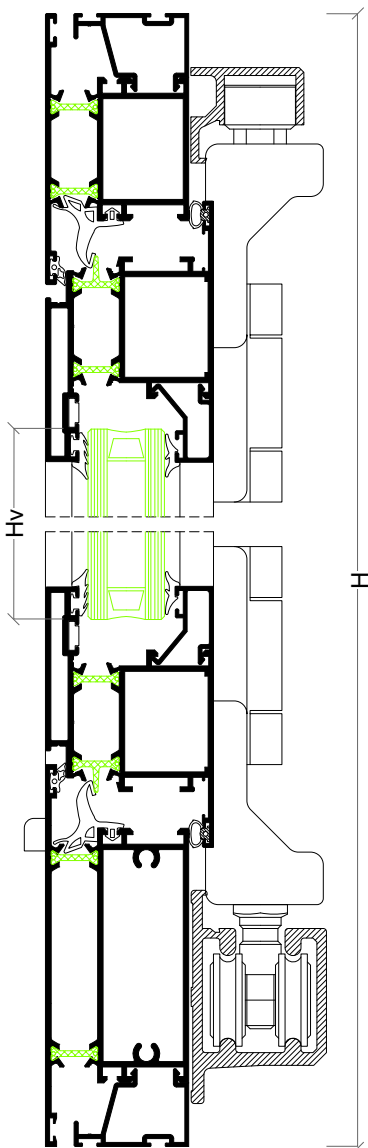
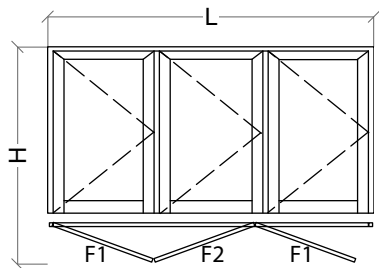
	Mínimo	Máximo
Largura da folha	700 mm	1650 mm
Altura da folha	850 mm	2400 mm
Peso máximo por folha 150 kg		

### Vidro

Hv folha = H-236 mm	Lv folha = L1-193 mm
Hv fixo = H-124 mm	Lv fixo = L2-81 mm



## Porta 3 folhas harmónio



### Perfis

Desenho	Ref	Descrição	Corte	Quant	Medida
	AXi-08	Aro fixo		2	H
	AXi-06	Travessa		1	L-81 mm
	AX-12	Travessa		1	L-81 mm
	AXi-65	Aro móvel		6	(consultar)
				6	(consultar)
	AXi-04	Inversor		2	(consultar)
	AX-15	Bite remate		2	L-90 mm
	AX-19	Vareta		2	2H
	---	Bite		6	(consultar)
				6	(consultar)

### Acessórios e Juntas

Referência	Descrição	Quantidade
30 92 01 50	União topo porta	2
30 92 01 00	Goteiras	6
30 92 01 12	Jogo topos inversor	2
30 92 03 90	Esquadro porta	12
---	Kit harmónio (3+0)	1
30 92 01 20	Jogo fecho C.E.	1
30 92 03 96	Canto vulcanizado	4
30 96 00 28	Esquadro alinhamento	12
30 96 00 15	Esquadro móvel exterior	12
30 93 00 90	Junta exterior	2L+6H
30 93 01 10	Junta central	2L+4H
30 93 01 20	Junta interior	2L+6H
---	Junta exterior vidro	2L+6H
---	Junta interior vidro	2L+6H

	Mínimo	Máximo
Largura da folha	600 mm	900 mm
Altura da folha	850 mm	2400 mm
Peso máximo por folha 80 kg		

### Vidro

Hv = consultar	Lv F1 = consultar
	Lv F2 = consultar

