

**Sistema**  
**CS**

## Sistema CS

Sistema de correr - 95 mm

### Características do sistema

Sistemas de alumínio tradicional e sistema euro para execução de vãos de correr.

### Perfis de alumínio

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

Espessura média dos perfis de alumínio de 1.4 mm.

### Aros fixos

Secção do aro fixo de 1 guia de 47 mm para montagem a corte recto;

Secção do aro fixo de 2 guias de 95 mm para montagem a corte recto;

Secção do aro fixo de 3 guias de 135.5 mm para montagem a corte recto.

### Aros móveis

Secção dos aros móveis de 34.6 mm para montagem a corte recto;

Enchimento de 4 mm a 23 mm;

Estanquidade assegurada através de pelúcia tipo Fin-Seal.

### Dimensionamento e manobralidade

Peso máximo de 90 kg por folha (com 2 rolamentos duplos);

Possibilidades de abertura: 1, 2, 3, 4 e 6 folhas, com folhas móveis e/ou fixas;

Rolamento duplo com regulação.

### Performances

Sistema certificado por laboratório notificado do 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 CS tipologia janela:

1. Permeabilidade ao ar: Classe 3 (norma de ensaio EN 1026)
2. Estanquidade à água: Classe 6A (norma de ensaio EN 1027)
3. Resistência ao vento: Classe C4 (norma de ensaio EN 12211)

Categorias alcançadas na avaliação do sistema CS tipologia porta:

1. Permeabilidade ao ar: Classe 3 (norma de ensaio EN 1026)
2. Estanquidade à água: Classe 6A (norma de ensaio EN 1027)
3. Resistência ao vento: Classe C2 (norma de ensaio EN 12211)

Coefficiente de transmissão térmica de vão de 2 folhas com 1.80 m x 2.20 m com vidro  $U_g = 1.4 \text{ W/m}^2\text{K}$ :

•  $U_w = 2.60 \text{ W/m}^2\text{K}$

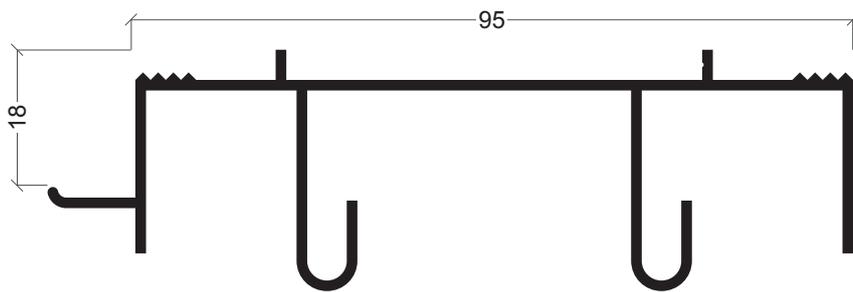
Coefficiente de atenuação acústica de vão de 2 folhas com vidro 4/10/4:

•  $R_w (C; C_{tr}) = 29 \text{ dB} (-1; -2)$

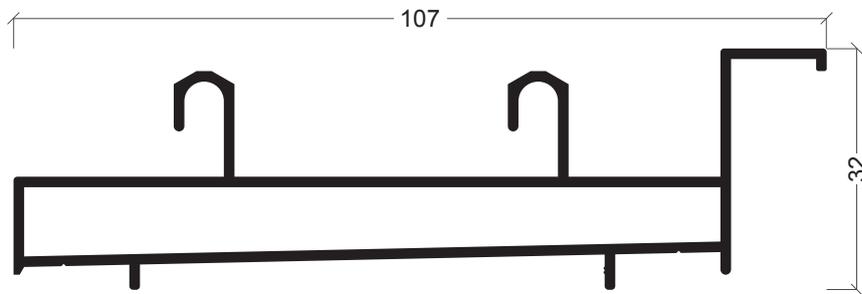
Zonas de aplicação segundo RCCTE (em função do valor  $U_g$ ): I1, I2, I3, V1, V2, V3;



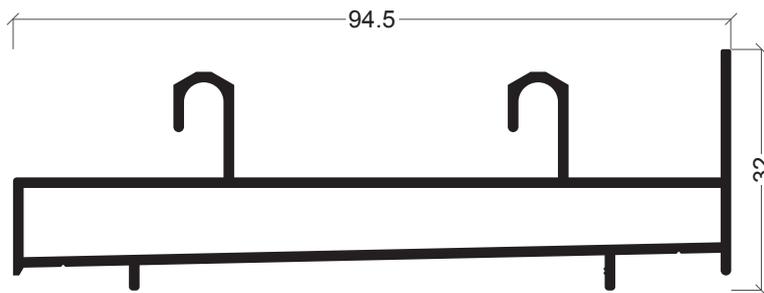
**CS-01**  
Padeira



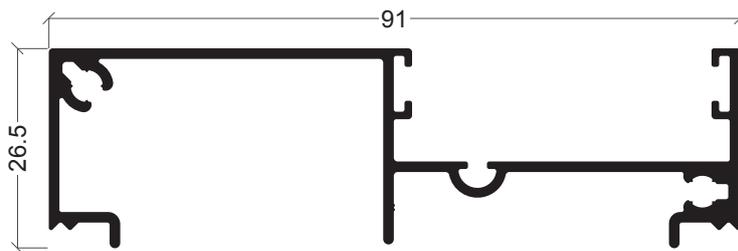
**CS-21**  
Padeira



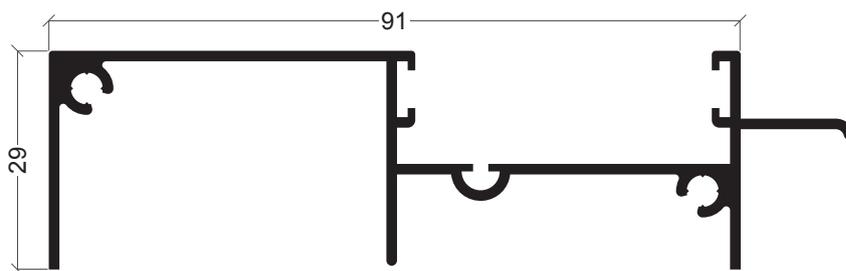
**CS-29**  
Soleira



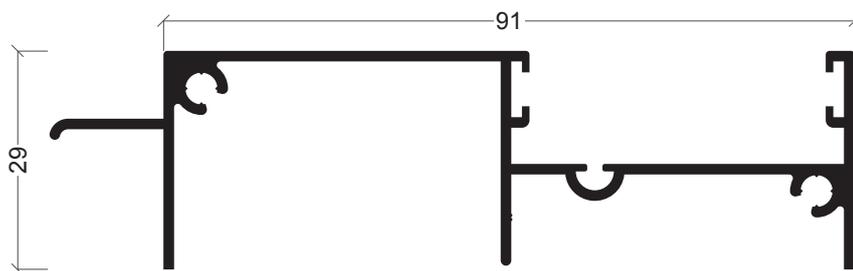
**CS-39**  
Soleira



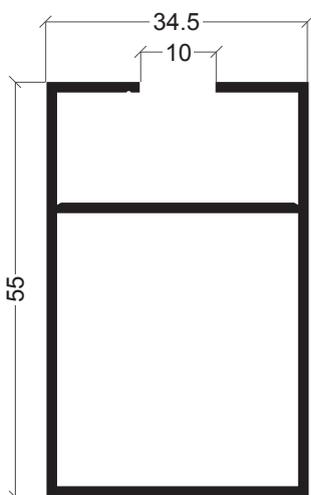
**CS-04**  
Ombreira



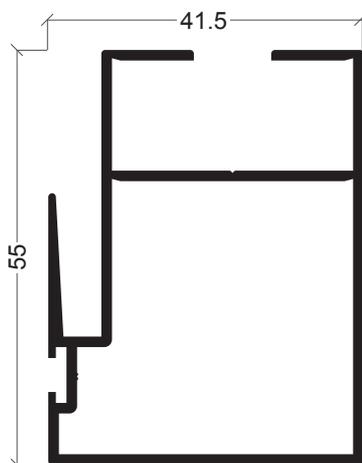
**CS-54**  
Ombreira



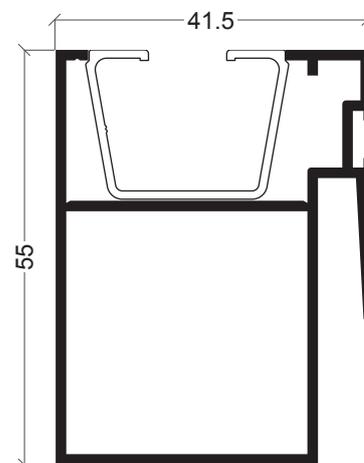
**CS-55**  
Ombreira



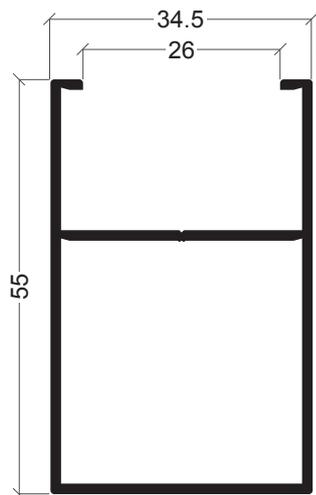
**CS-75**  
Aro móvel lateral



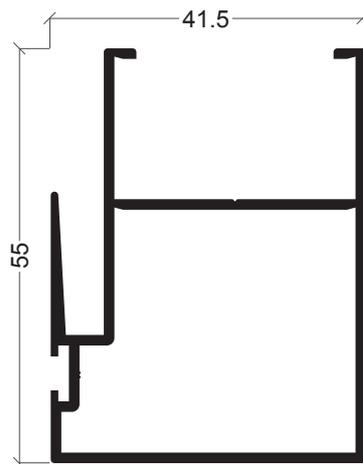
**CS-76**  
Aro móvel central



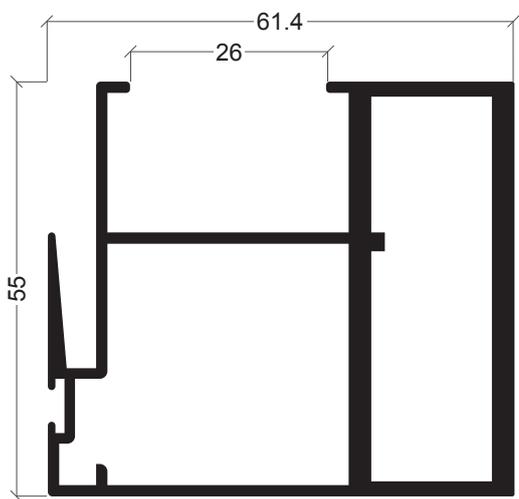
**CS-87**  
Aro móvel central 3F



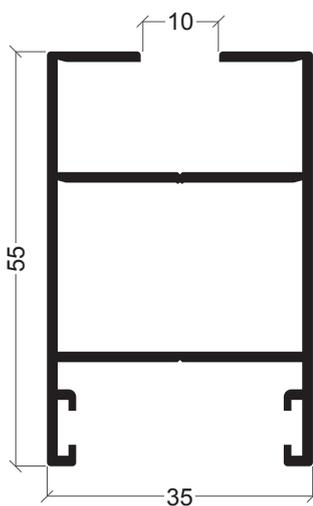
**CS-85**  
Aro móvel lateral



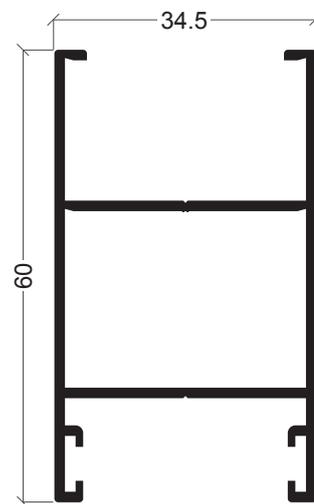
**CS-86**  
Aro móvel central



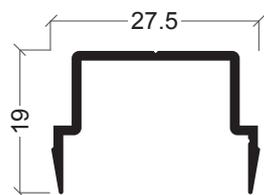
**CS-90**  
Aro móvel central



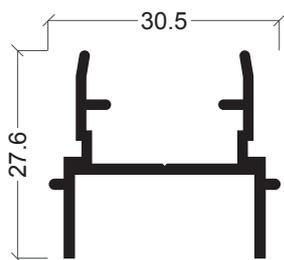
**CS-94**  
Aro móvel lateral



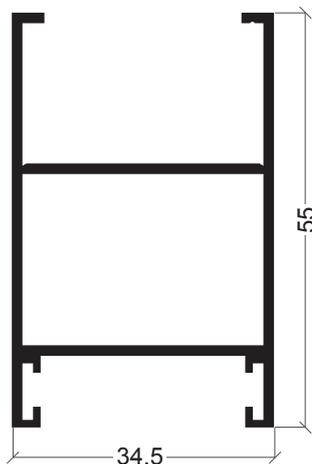
**CS-96**  
Aro móvel lateral



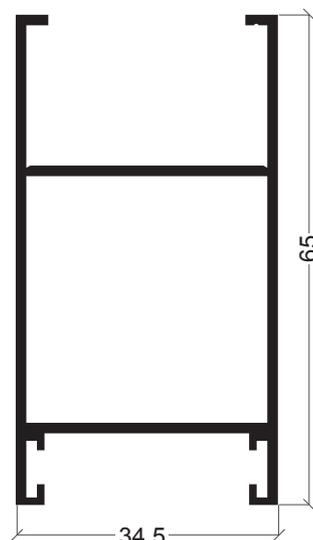
**CS-48**  
União 3/4F



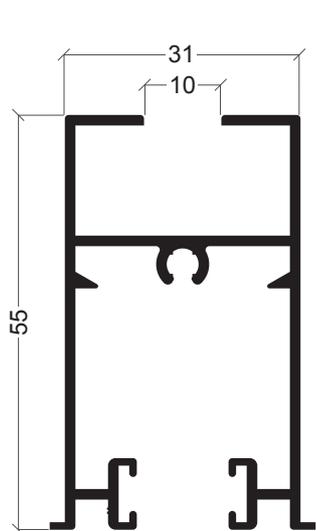
**CS-38**  
União 3/4F



**CS-93**  
Aro móvel lateral

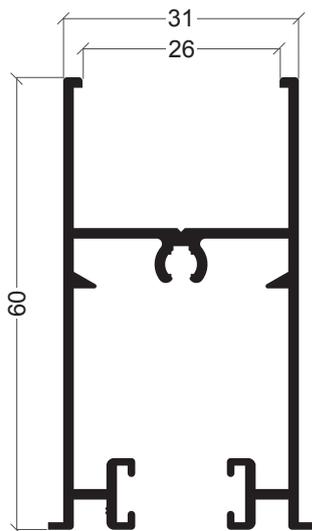


**CS-95**  
Aro móvel lateral



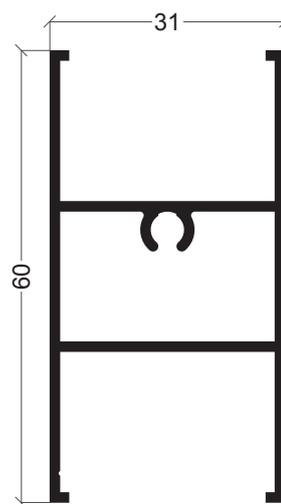
**CS-70**

Aro móvel carrinho



**CS-80**

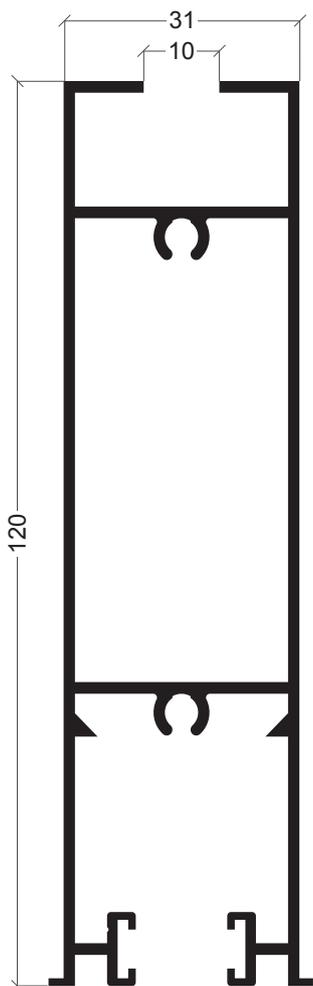
Aro móvel carrinho



**CS-83**

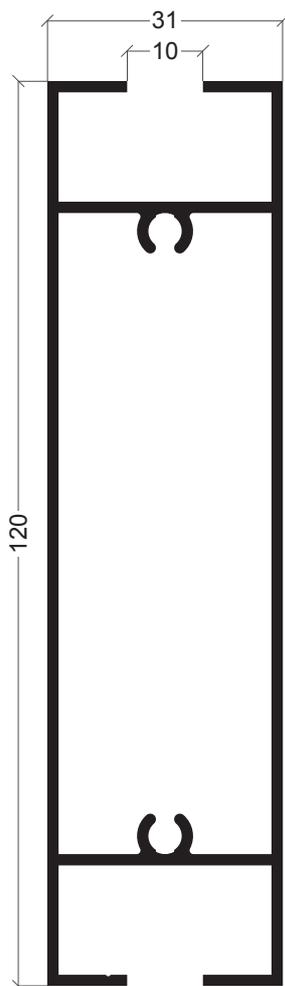
Travessa

406



**CS-72**

Aro móvel carrinho



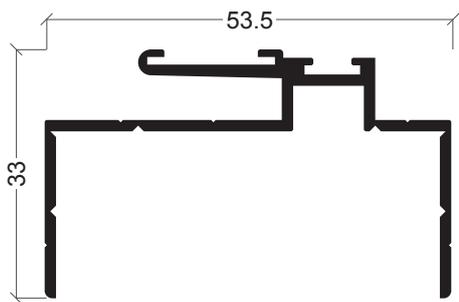
**CS-71**

Travessa

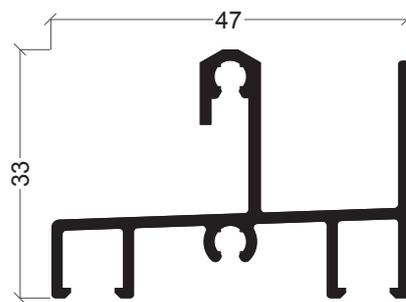


**CS-15**

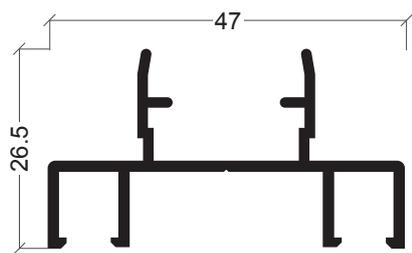
União de aros



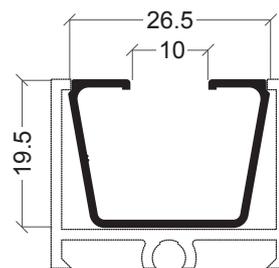
**CS-08**  
Central mono-rail



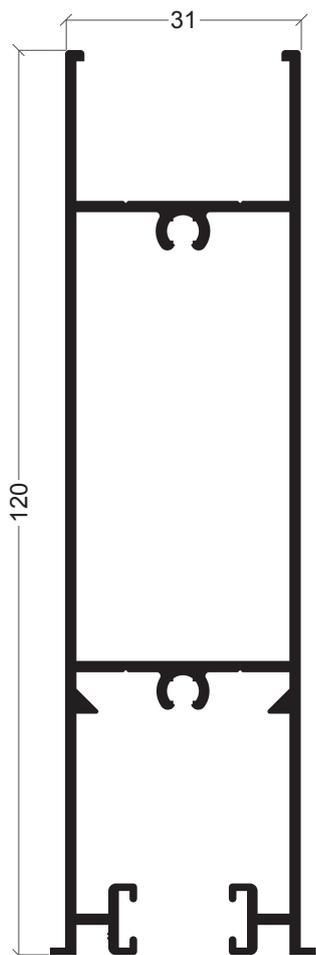
**CS-05**  
Aro fixo sup/inferior mono-rail



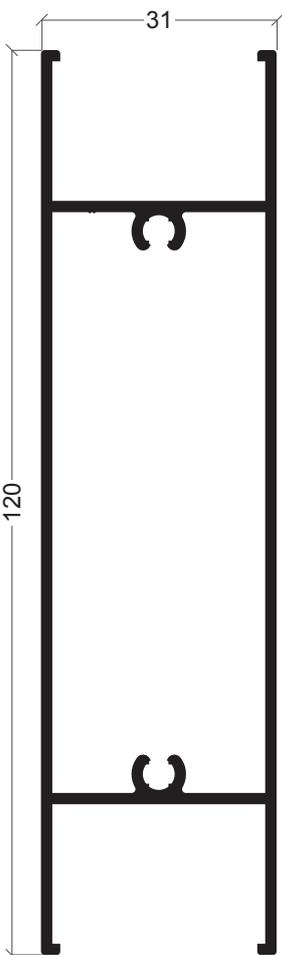
**CS-07**  
Ombreira mono-rail



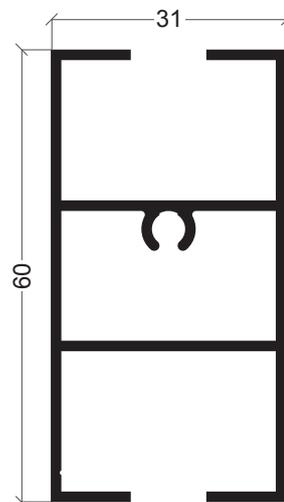
**CS-74**  
Redutor



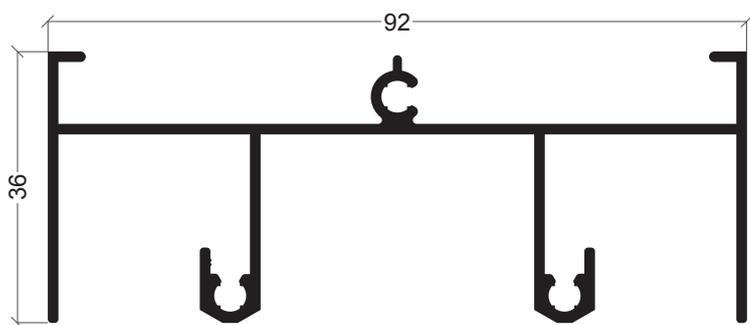
**CS-82**  
Almofada carrinho



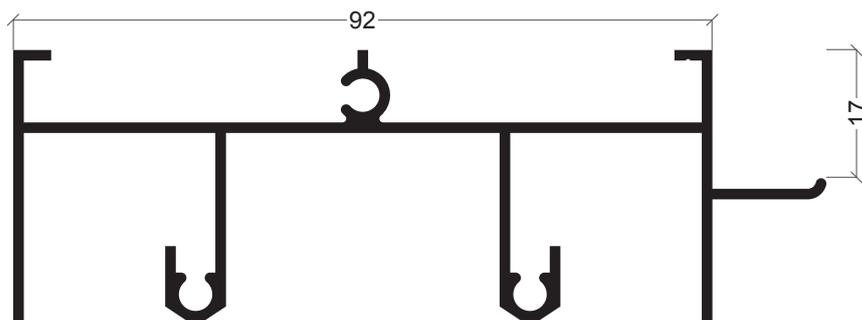
**CS-81**  
Travessa



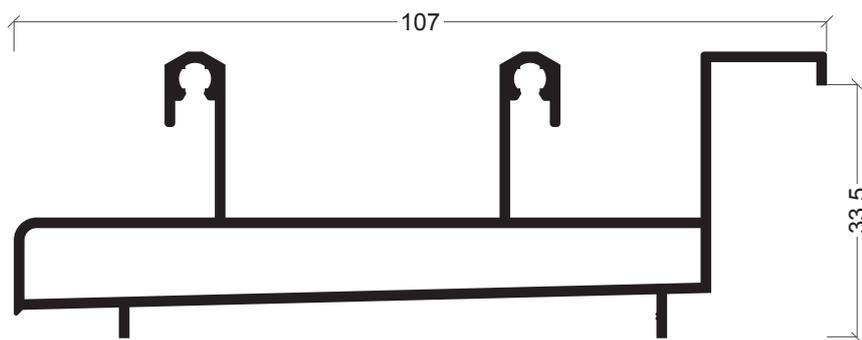
**CS-73**  
Travessa



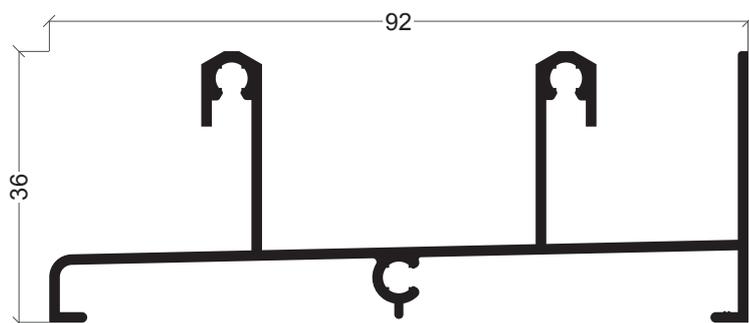
**CS-12**  
Padieira



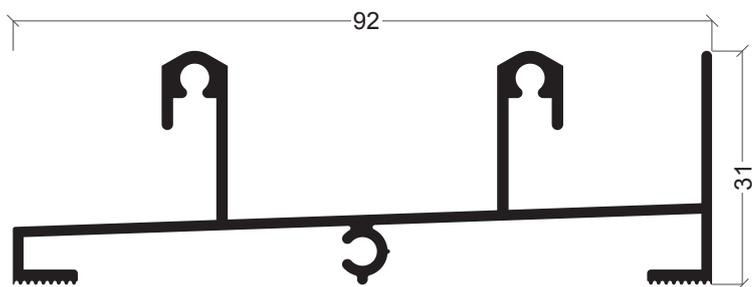
**CS-51**  
Padieira



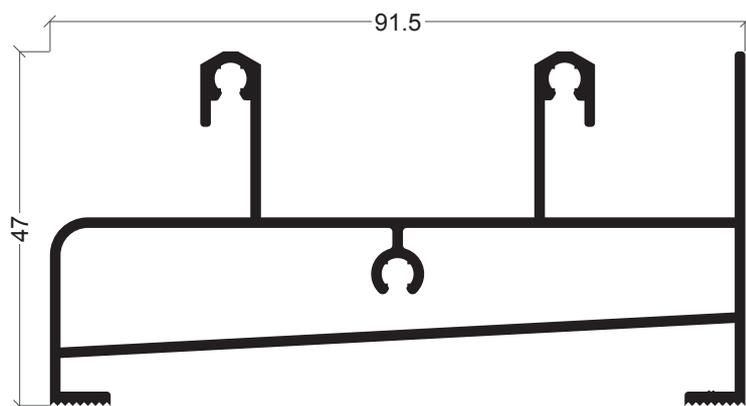
**CS-69**  
Soleira



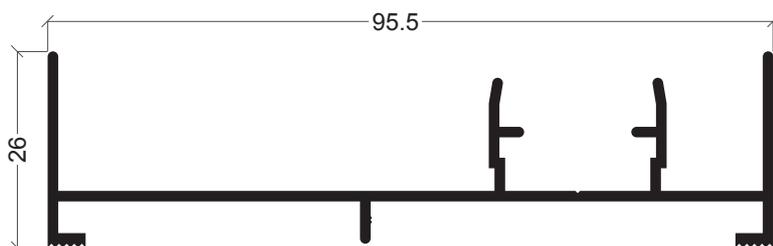
**CS-19**  
Soleira



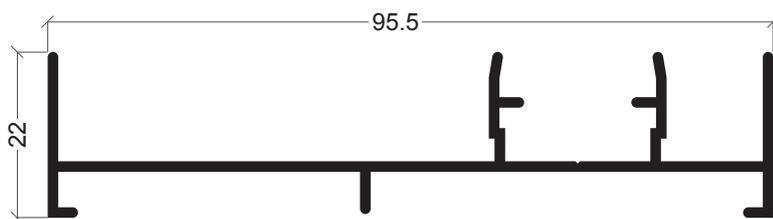
**CS-49**  
Soleira



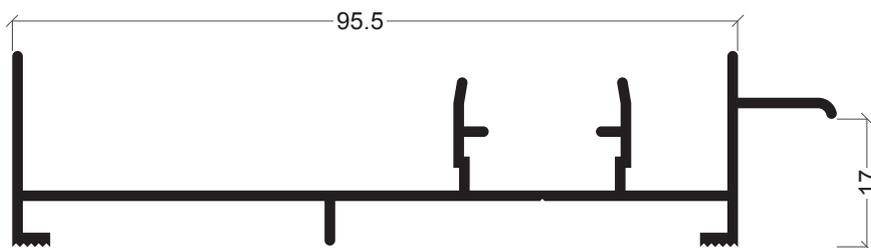
**CS-59**  
Soleira



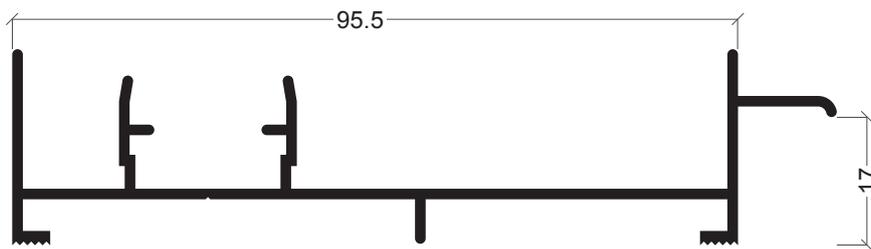
**CS-24**  
Ombreira



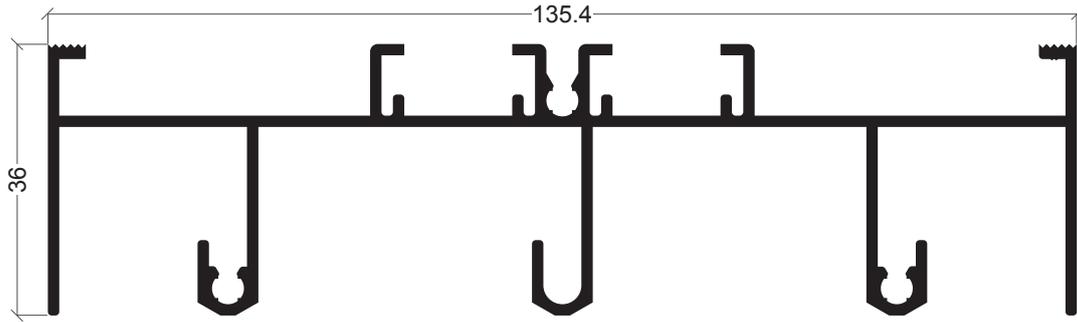
**CS-25**  
Ombreira



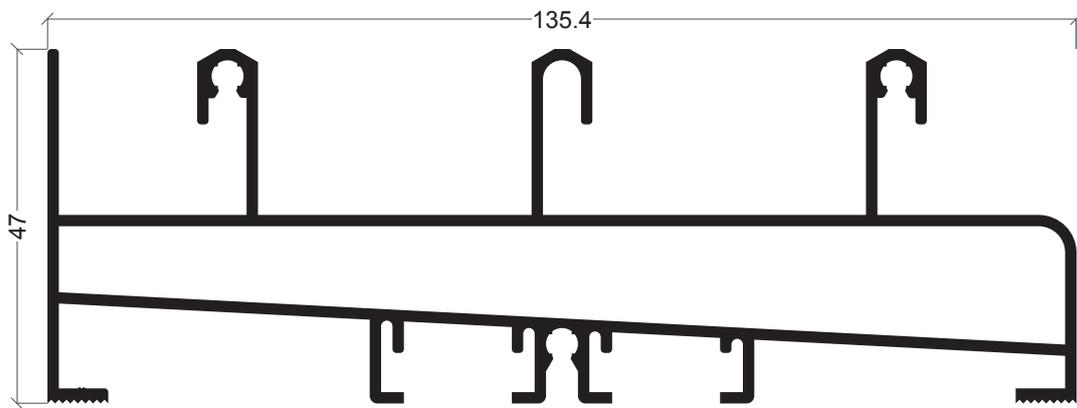
**CS-64**  
Ombreira



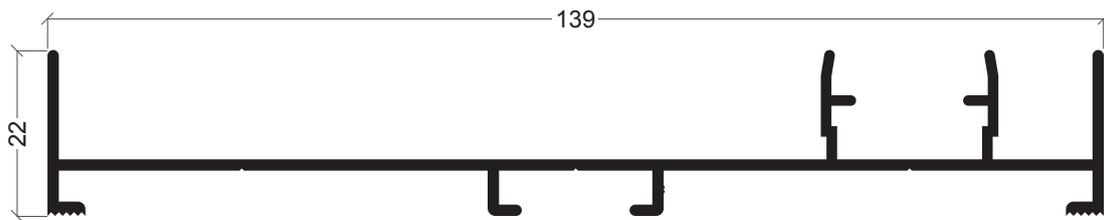
**CS-65**  
Ombreira



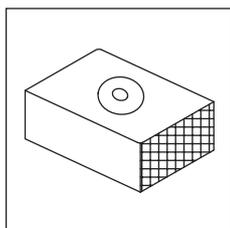
**CS-22**  
Padieira



**CS-79**  
Soleira tri-rail



**CS-14**  
Ombreira tri-rail



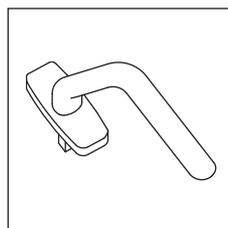
**30 91 41 10**  
taco anti-levantamento



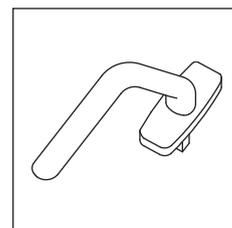
**30 91 41 31**  
Barra 2 pontos com apoios (600 mm)



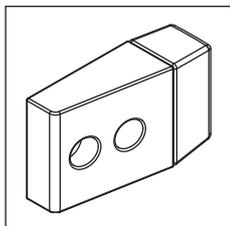
**30 91 41 32**  
Barra 3 pontos com apoios (1670 mm)



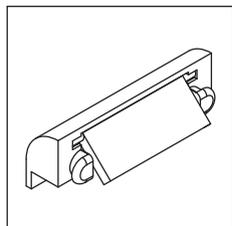
**30 91 41 52/53**  
Cremone desviado direita branco/preto



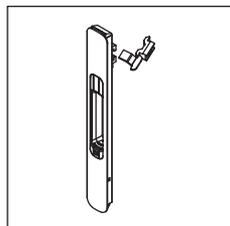
**30 91 41 54/55**  
Cremone desviado esquerda branco/preto



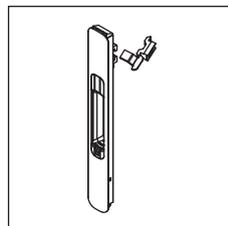
**30 91 41 71**  
Topo limitador de abertura



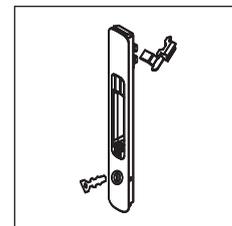
**30 92 01 02/03**  
Goteira com válvula branco/preto



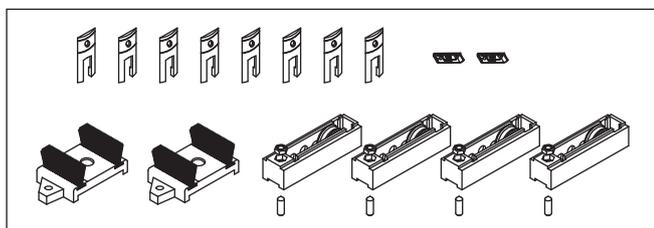
**30 97 10 01/02**  
Fecho lateral automático branco/preto



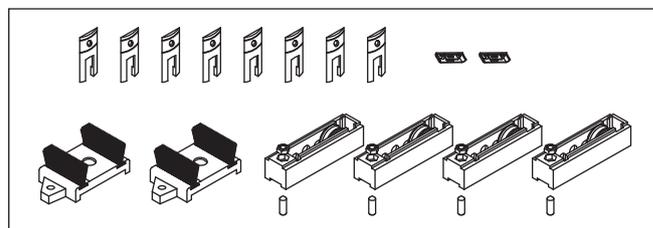
**30 97 10 03/04**  
Fecho lateral manual branco/preto



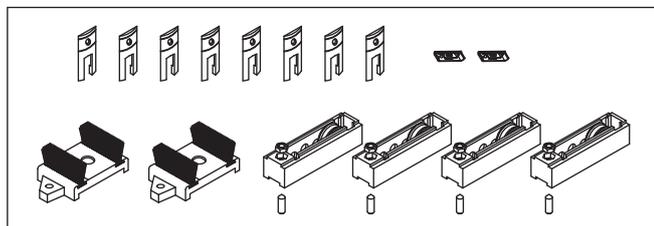
**30 97 10 05/06**  
Fecho lateral com chave branco/preto



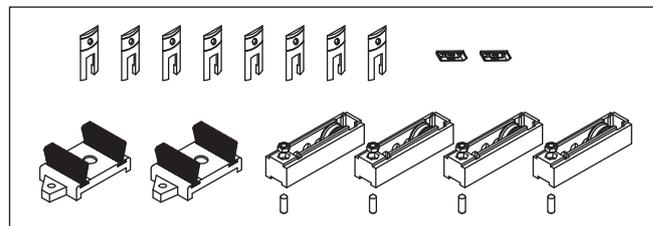
**30 97 10 09**  
Kit janela 2F CS normal



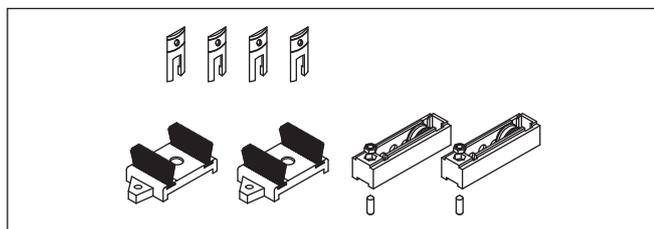
**30 97 10 10**  
Kit janela 2F CS euro



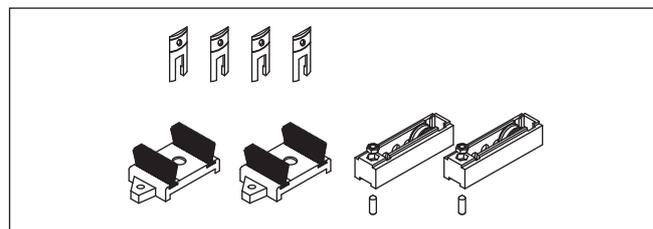
**30 97 10 11**  
Kit porta 2F CS normal



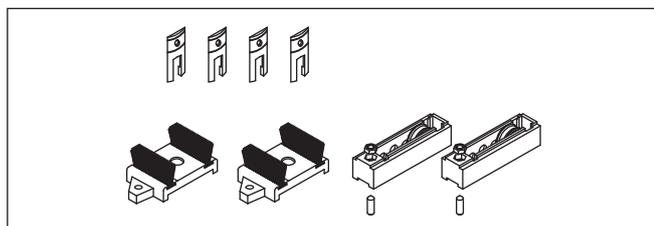
**30 97 10 12**  
Kit porta 2F CS euro



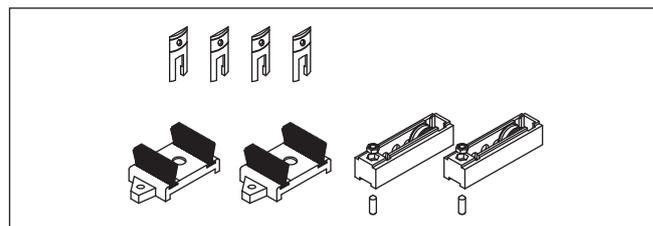
**30 97 10 15**  
Kit janela suplementar 3F CS normal



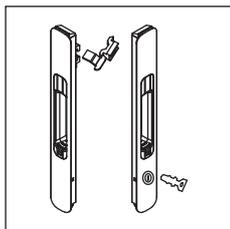
**30 97 10 16**  
Kit janela suplementar 3F CS euro



**30 97 10 17**  
Kit porta suplementar 3F F CS normal

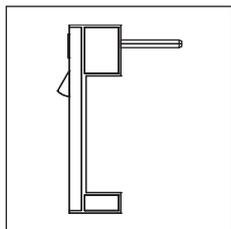


**30 97 10 18**  
Kit porta suplementar 3F F CS euro



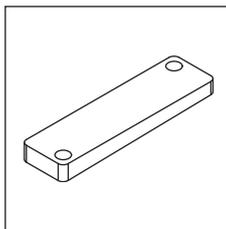
**30 97 10 07/08**

Fecho lateral duplo com  
chave branco/preto



**30 97 10 13/14**

Fecho central preto/  
branco

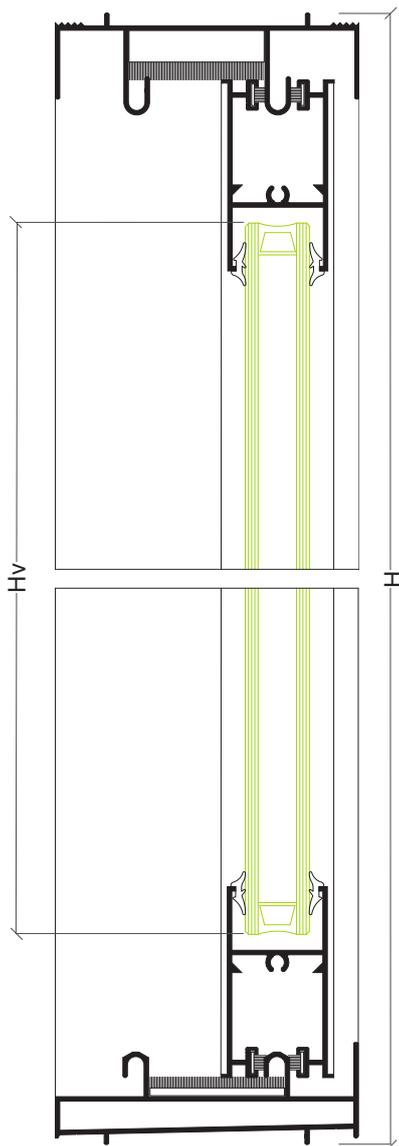
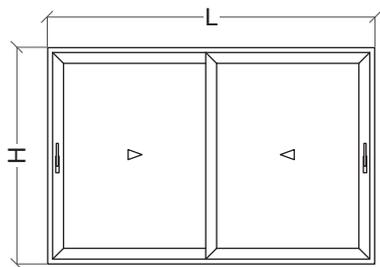


**30 97 10 19**

Topo de vedação para  
soleiras CS-29/39

Referência	Desenho	Descrição
30 95 00 40		Pelúcia 7x5.5 mm
30 97 10 25		Junta U CS vidro 22 mm
30 97 10 26		Junta U CS vidro 20/21 mm
30 95 00 80		Pelúcia 7x5 mm

## Janela 2 folhas correr



### Perfis

Desenho	Ref	Descrição	Corte	Quant	Medida
	CS-01	Padieira		1	L
	CS-39	Soleira		1	L
	CS-24	Ombreira		2	H-20 mm
	CS-80	Móvel carrinho		4	L/2+9 mm
	CS-85	Móvel lateral		2	H-44 mm
	CS-86	Móvel central		2	H-44 mm

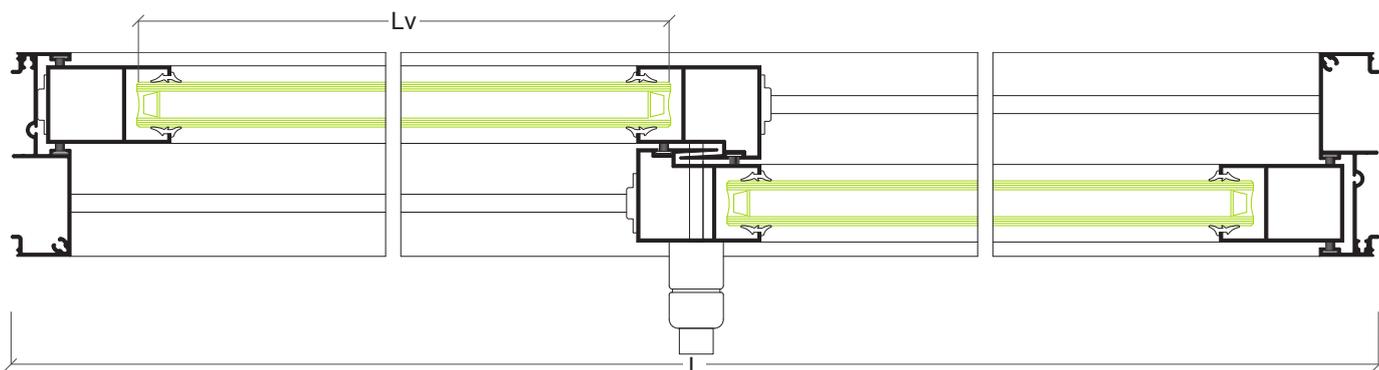
### Acessórios e Juntas

Referência	Descrição	Quantidade
30 97 10 14	Fecho central branco	1
30 97 10 09	Kit janela 2F CS normal	1
30 97 10 19	Topo para soleira	2
30 95 00 80	Pelúcia 7x5 mm	4L
30 95 00 40	Pelúcia 7x5.5 mm	6H
---	Junta de vidro	4L/8H

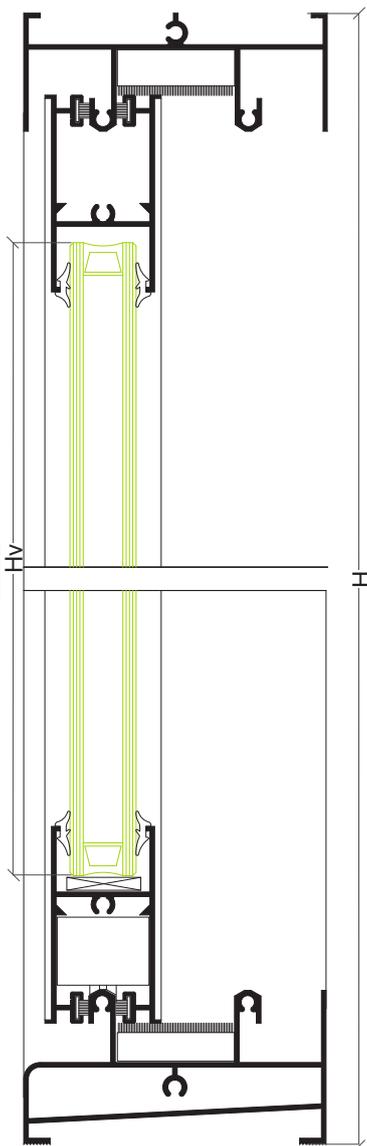
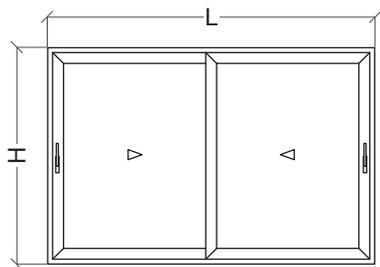
4 1 3

### Vidro

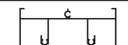
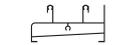
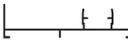
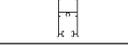
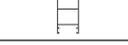
Hv = H-132 mm	Lv = L/2-68 mm
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## Janela 2 folhas correr



### Perfis

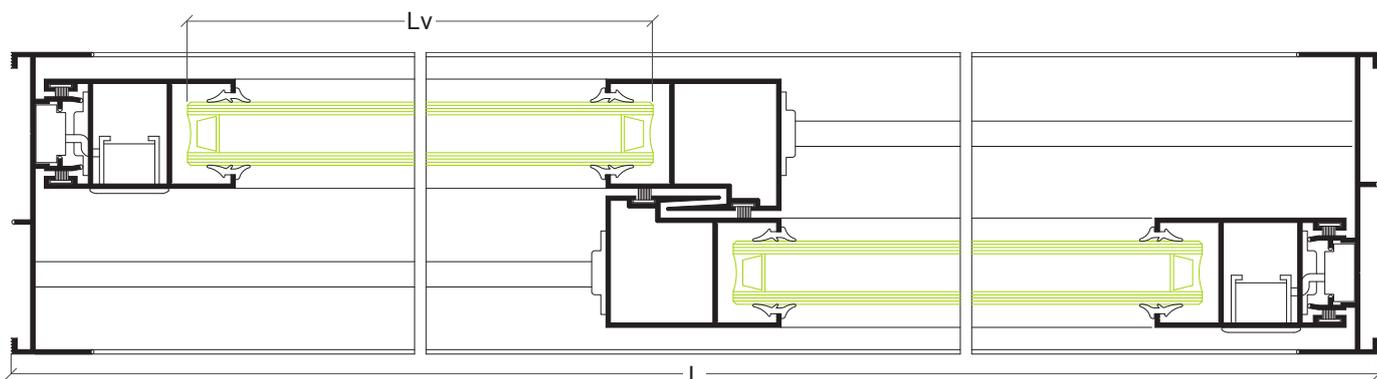
Desenho	Ref	Descrição	Corte	Quant	Medida
	CS-12	Padieira		1	L-15 mm
	CS-59	Soleira		1	L-15 mm
	CS-24	Ombreira		2	H
	CS-80	Móvel carrinho		4	L/2+0.5 mm
	CS-96	Móvel lateral		2	H-64 mm
	CS-86	Móvel central		2	H-64 mm

### Acessórios e Juntas

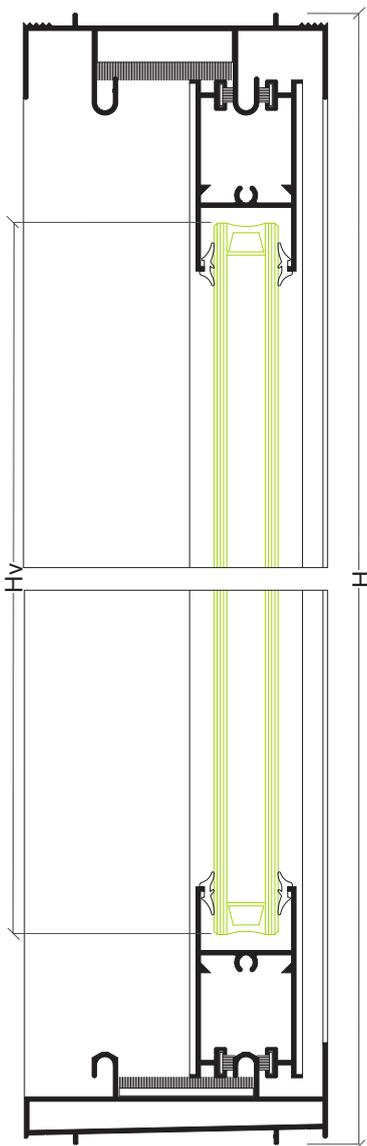
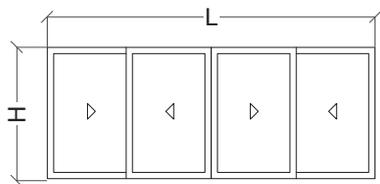
Referência	Descrição	Quantidade
30 97 10 01	Fecho lateral automático branco	2
30 97 10 10	Kit janela 2 folhas CS Euro	1
30 91 41 10	Taco anti-levantamento	2
30 95 00 80	Pelúcia 7x5 mm	4L/4H
30 95 00 40	Pelúcia 7x5.5 mm	2H
---	Junta de vidro	4L/8H

### Vidro

Hv = H-152 mm	Lv = L/2-68 mm
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## Janela 4 folhas correr



### Perfis

Desenho	Ref	Descrição	Corte	Quant	Medida
	CS-01	Padieira		1	L
	CS-39	Soleira		1	L
	CS-04	Ombreira		2	H-20 mm
	CS-80	Móvel carrinho		8	L/4+9.5 mm
	CS-85	Móvel lateral		2	H-44 mm
	CS-86	Móvel central		4	H-44 mm
	CS-96	Móvel central		2	H-44 mm
	CS-38	União 3/4F		1	H-44 mm

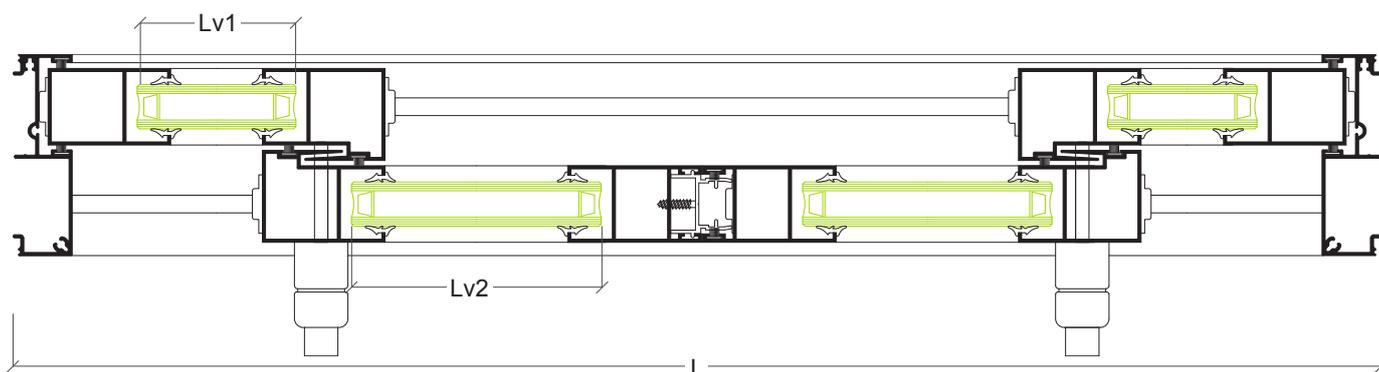
### Acessórios e Juntas

Referência	Descrição	Quantidade
30 97 10 14	Fecho central branco	2
30 97 10 09	Kit janela 2F CS normal	2
30 97 10 19	Topo para soleira	2
30 95 00 80	Pelúcia 7x5 mm	4L
30 95 00 40	Pelúcia 7x5.5 mm	10H
---	Junta de vidro	4L/16H

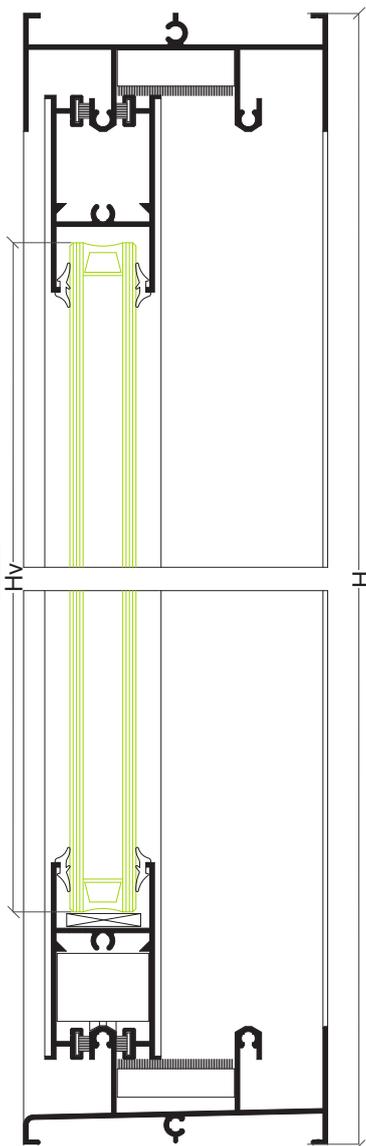
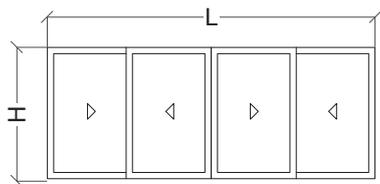
4 15

### Vidro

Hv = H-132 mm	Lv1 = L/4-68 mm
Hv = H-132 mm	Lv2 = L/4-59 mm



## Janela 4 folhas correr



### Perfis

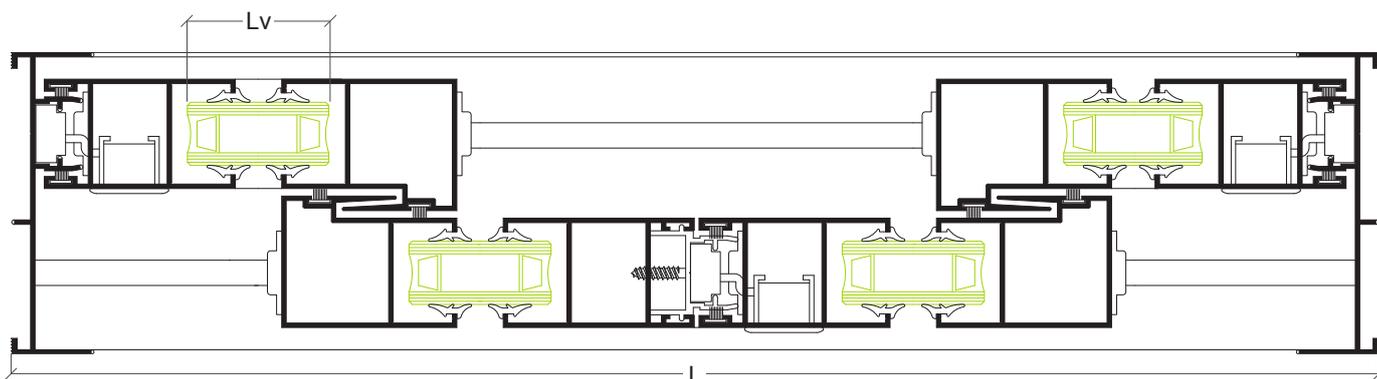
Desenho	Ref	Descrição	Corte	Quant	Medida
	CS-12	Padieira		1	L-15 mm
	CS-19	Soleira		1	L-15 mm
	CS-04	Ombreira		2	H
	CS-80	Móvel carrinho		4	L/4+5 mm
	CS-96	Móvel lateral		2	H-53 mm
	CS-86	Móvel central		2	H-53 mm
	CS-38	União 3/4F		1	H-53 mm

### Acessórios e Juntas

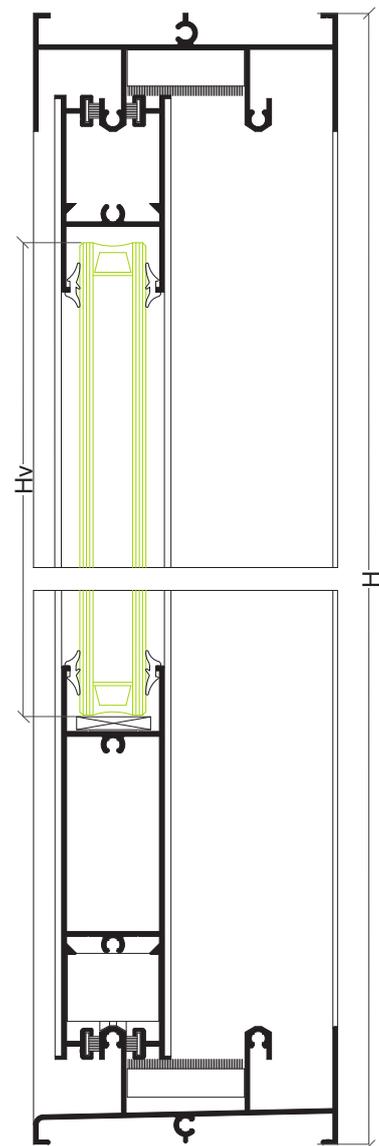
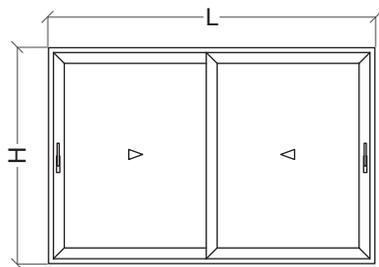
Referência	Descrição	Quantidade
30 97 10 01	Fecho lateral automático branco	3
30 97 10 10	Kit janela 2 folhas CS Euro	2
30 91 41 10	Taco anti-levantamento	3
30 95 00 80	Pelúcia 7x5 mm	4L/6H
30 95 00 40	Pelúcia 7x5.5 mm	4H
---	Junta de vidro	4L/16H

### Vidro

Hv = H-140 mm	Lv = L/4-63 mm
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## Porta 2 folhas correr multiponto



### Perfis

Desenho	Ref	Descrição	Corte	Quant	Medida
	CS-12	Padieira		1	L-15 mm
	CS-19	Soleira		1	L-15 mm
	CS-25	Ombreira		2	H
	CS-80	Móvel carrinho		2	L/2-1.5 mm
	CS-82	Almofada		2	L/2-1.5 mm
	CS-96	Móvel lateral		2	H-53 mm
	CS-90	Móvel central		2	H-53 mm

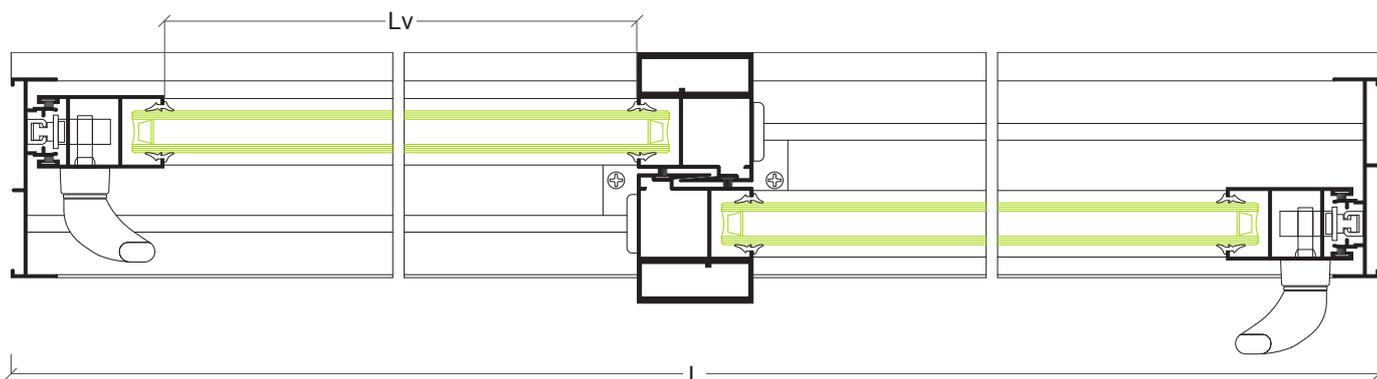
### Acessórios e Juntas

Referência	Descrição	Quantidade
30 91 41 32	Barra 3 pontos (1670 mm)	2
30 97 10 12	Kit porta 2 folhas CS Euro	1
30 91 41 71	Topo limitador	1
30 91 41 52	Cremona desviado direito branco	1
30 91 41 54	Cremona desviado esquerdo branco	1
30 95 00 80	Pelúcia 7x5 mm	4L/4H
30 95 00 40	Pelúcia 7x5.5 mm	2H
---	Junta de vidro	4L/8H

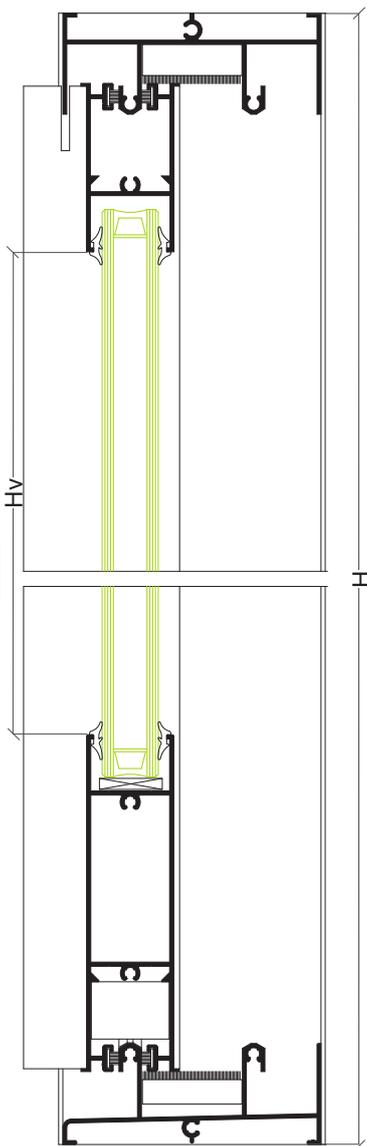
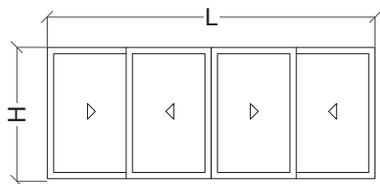
4 17

### Vidro

Hv = H-201 mm	Lv = L/2-70 mm
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## Porta 4 folhas correr multiponto



### Perfis

Desenho	Ref	Descrição	Corte	Quant	Medida
	CS-12	Padieira		1	L-15 mm
	CS-19	Soleira		1	L-15 mm
	CS-25	Ombreira		2	H
	CS-80	Móvel carrinho		2	L/2+4 mm
	CS-82	Almofada		2	L/2+4 mm
	CS-96	Móvel lateral		2	H-53 mm
	CS-86	Móvel central		2	H-53 mm
	CS-38	União 3/4F		1	H-44 mm

### Acessórios e Juntas

Referência	Descrição	Quantidade
30 91 41 32	Barra 3 pontos (1670 mm)	3
30 97 10 12	Kit porta 2 folhas CS Euro	2
30 91 41 71	Topo limitador	2
30 91 41 52	Cremone desviado direito branco	2
30 91 41 54	Cremone desviado esquerdo branco	1
30 95 00 80	Pelúcia 7x5 mm	4L/6H
30 95 00 40	Pelúcia 7x5.5 mm	4H
---	Junta de vidro	4L/16H

### Vidro

Hv = H-201 mm	Lv = L/4-65 mm
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