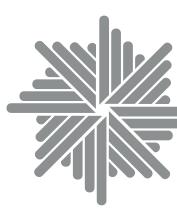




**JURERÊ 32S**  
SISTEMA DE ESQUADRIAS

**JURERÊ 32S**  
SISTEMA DE ESQUADRIAS

Este catálogo é parte integrante do sistema Jurerê 32 S desenvolvido pela Aludim Aluminum Technology, e contém as informações e procedimentos para especificação, fabricação e montagem do sistema.

A composição das esquadrias deve obedecer rigorosamente às orientações e recomendações contidas neste catálogo técnico. Em caso de dúvidas ou necessidades de informações adicionais, entre em contato com nosso departamento técnico através do fone (48) 3626 - 4900 ou pelo e-mail [engenharia@fretta.com.br](mailto:engenharia@fretta.com.br).

 A Legislação Brasileira estabelece que elementos aplicados a construção civil requer ciência, acompanhamento e responsabilidade técnica, de um Engenheiro Civil Pleno, devidamente graduado.

 A Aludim Aluminum Technology não se responsabiliza pelos desdobramentos do uso indevido dos perfis, montagens, instalações ou quaisquer outras formas de aplicações das peças que não obedeçam rigorosamente as recomendações deste catálogo.

 As informações técnicas contidas neste catálogo são baseados nas normas de esquadrias vigentes.

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# NOSSA HISTÓRIA

Foi em 1895, que a família Fretta ingressou na atividade comercial, ao fundar na localidade de Azambuja - SC a Casas Fretta. Mais de 120 anos se passaram desde então, e sua tradição ultrapassou gerações, tornando a empresa uma das mais antigas do estado de Santa Catarina, sob o comando dos descendentes de seus fundadores.

## EXPERIÊNCIA E CONSTANTE EVOLUÇÃO

Tanto tempo de experiência conferiu ao grupo Fretta um legado de credibilidade, resultando na consolidação da marca, sinônimo de solidez e excelência na prestação de serviços.

A tradição nos negócios, aprimorada com o tempo, deu vazão a novos empreendimentos.

O grupo Fretta diversificou seu ramo de atuação e hoje, além da Casas Fretta, é composto pela Fretta Construções, Invest Capital e a mais recente integrante do grupo: Aludim Aluminum Technology.

Especializada na extrusão de alumínio para a construção civil e para a atividade industrial, a Aludim traz em seu DNA os mesmos valores do grupo Fretta, compartilhando da paixão pela prestação de serviços com alto padrão de qualidade.

O Grupo Fretta cresceu e está cada vez mais presente na vida das pessoas, conservando os ensinamentos de seus fundadores: ajudar a transformar o mundo, investindo no ser humano e trabalhando para fazer sua vida melhor!



Azambuja, 1895. Primeira casa de comércio da família Fretta.

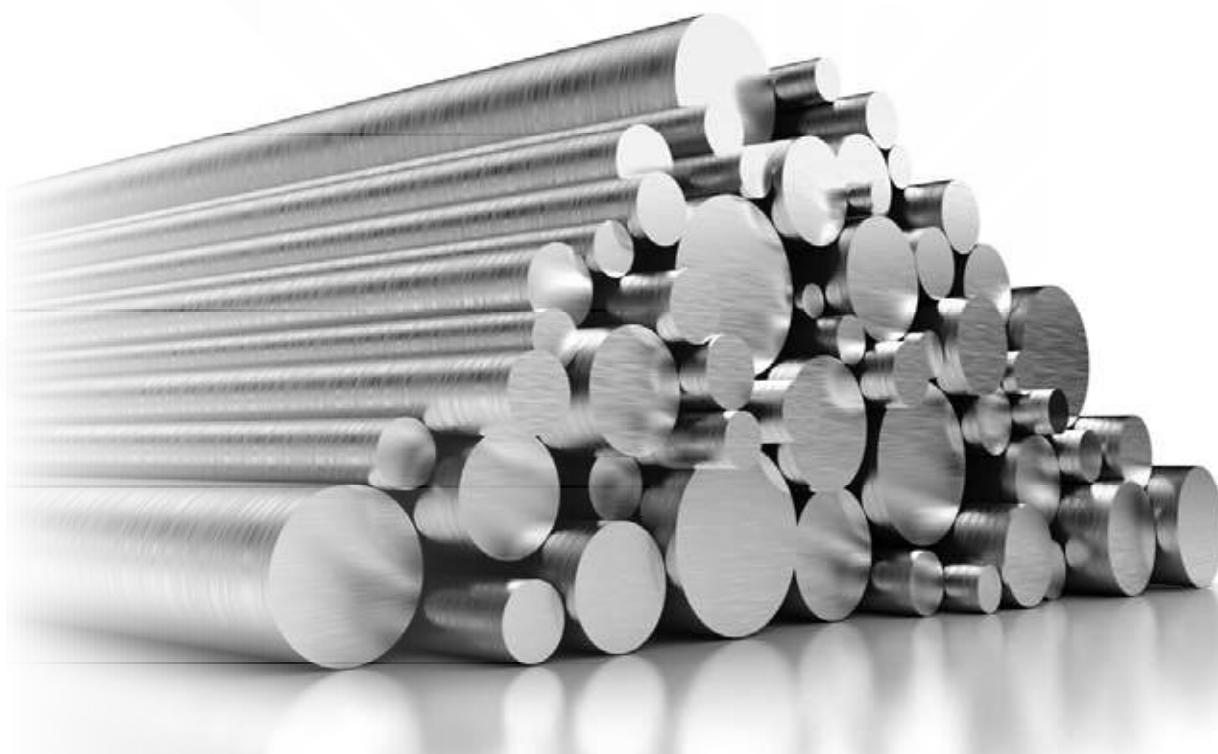


## ALUMÍNIO PRESENTE EM CADA DETALHE DA VIDA MODERNA

Beleza, leveza, durabilidade, moldabilidade, alta resistência, inclusive à corrosão, são algumas das qualidades que tornam o alumínio essencial à vida moderna. Considerado metal semiprecioso, no século XIX o alumínio chegou a ser mais caro do que o ouro, no entanto, a produção em larga escala tornou o preço acessível, ampliando sua utilização.

## AQUI, O ALUMÍNIO É BEM TRATADO

A Aludim mantém parcerias com os mais modernos e equipados complexos industriais de tratamento de superfície de perfis extrudados de alumínio, empresas que dispõem de uma linha completa de pintura e de anodização. Tudo isso confere aos produtos Aludim alta resistência, qualidade estética, diversidade de cores, texturas e acabamentos, atributos que se adaptam às necessidades e aos padrões de seu projeto, agregando valor ao seu produto.



## SUSTENTABILIDADE

Atualmente, o alumínio está presente em diversos segmentos, contribuindo, inclusive para a preservação do meio ambiente, pois, além de ser o metal ideal para o desenvolvimento de produtos que permitem a redução da emissão de gases poluentes, cerca de 75% de todo o alumínio produzido, até hoje, ainda está em uso. Como um material infinitamente reciclável, mesmo depois de décadas de vida útil, o alumínio pode ser reaproveitado, gerando grande economia de recursos financeiros e preservação dos recursos naturais.

## RESPONSABILIDADE SOCIAL

A Aludim escreve diariamente uma história de inovação e compromisso com a sustentabilidade. A preocupação com aspectos econômicos, sociais e ambientais faz parte dos valores da empresa, por isso a companhia busca, constantemente, o aumento de sua eficiência operacional, para diminuir os desperdícios do processo produtivo. Para tanto, desenvolve projetos de conservação de recursos e ecoeficiência, focados na redução de emissões atmosféricas, geração de resíduos sólidos industriais e do consumo de água.

A Associação Brasileira de Normas Técnicas (ABNT) é o Foro Nacional de Normalização. As Normas Brasileiras, cujo conteúdo é de responsabilidade dos Comitês Brasileiros (ABNT/CB), dos Organismos de Normalização Setorial (ABNT/ONS) e das Comissões de Estudos Especiais (ABNT/CEE), são elaboradas por Comissões de Estudo (CE), formadas pelas partes interessadas no tema objetivo da normalização.

#### Referências Normativas:

- ABNT - NBR 15.575 - Desempenho - Edifícios habitacionais
- ABNT - NBR 10.821 - Esquadrias externas para edificações
- ABNT - NBR 6.123 - Forças devidas ao vento em edificações - Procedimento
- ABNT - NBR 7.199 - Projeto, execução e aplicação dos vidros na construção civil
- ABNT - NBR 7.000 - Alumínio e suas ligas - Produtos extrudados - Propriedades mecânicas
- ABNT - NBR 8.116 - Alumínio e suas ligas - Produtos extrudados - Tolerâncias dimensionais
- ABNT - NBR 15.969 - Componentes para esquadrias

#### ABNT NBR 7.000 - Alumínio e suas ligas

Esta Norma especifica as propriedades mecânicas dos perfis de alumínio e suas ligas, determinados nesse catálogo.

Tabela de propriedades físicas e mecânicas das ligas recomendadas.

Liga - Têmpera	Peso Específico (Kg/m <sup>3</sup> )	Módulo Young (Elasticidade) (Mpa)	Temperatura De Fusão (°C)	Coeficiente De Expansão Linear (L/°C)	(LRT) Limite De Resistência a Tração (Mpa)	Limite Convencional De Escoamento (Mpa)
6060 - T5	2,71	70.000	600 - 650	$23 \times 10^{-6}$	150 (219)	110 (189)
6063 - T5	2,71	70.000	600 - 650	$23 \times 10^{-6}$	150 (219)	110 (189)
6063 - T6	2,71	70.000	600 - 650	$24 \times 10^{-6}$	205 (235)	170 (213)

#### Observações:

Dados de tensão expressos na unidade MEGAPASCAL (Mpa), equivale a 1 N/mm<sup>2</sup>.

A medida da unidade Kgf/mm<sup>2</sup> é obtida dividindo-se o valor indicado por 9,807.

Os valores sem parênteses são os mínimos especificados e valores entre parênteses são os típicos esperados e referem-se aos produtos mais utilizados nas ligas/têmperas indicadas.

As características e as propriedades mecânicas das têmperas com alívio de tensão podem diferir daquelas correspondentes as têmperas básicas do produto.

## Norma ABNT NBR 10.821

A norma ABNT NBR 10.821 estabelece os parâmetros mínimos de desempenho exigidos de esquadrias para instalações em edifícios.

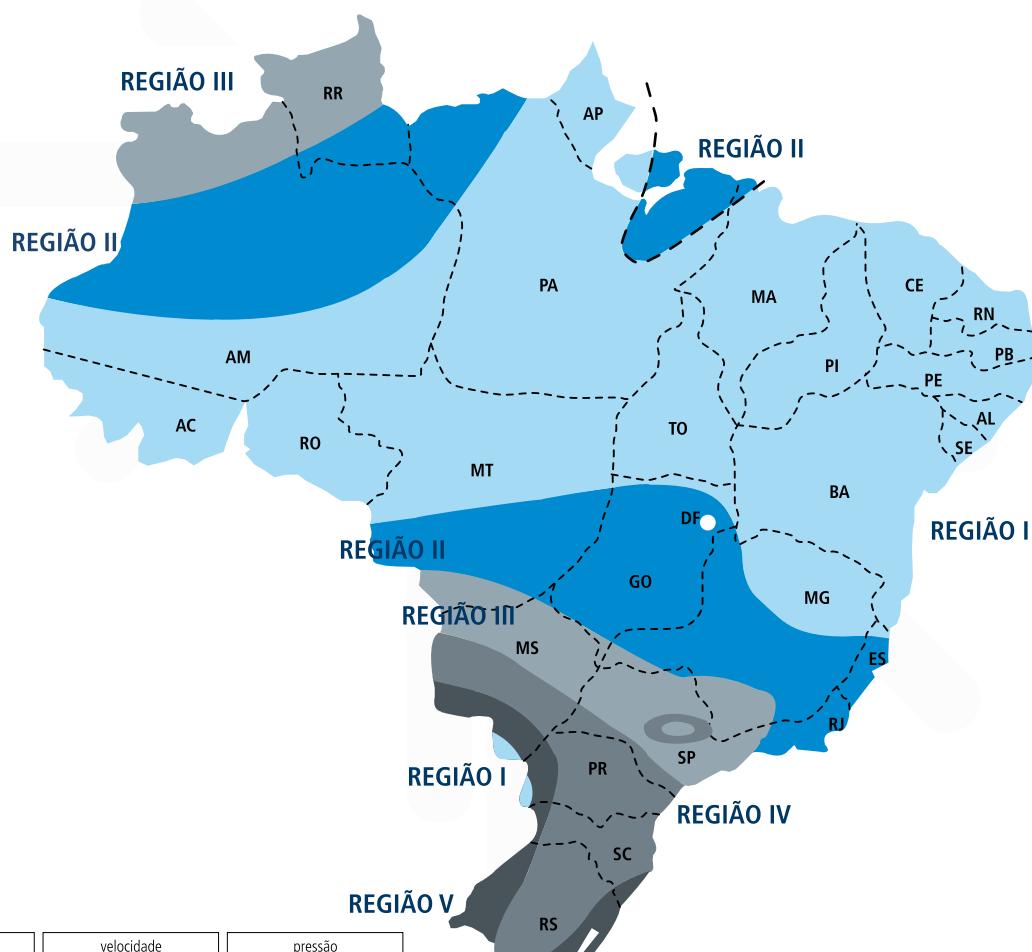
Ela trata dos seguintes requisitos para aplicações externas:

- Permeabilidade ao ar;
- Estanqueidade à água;
- Resistência as cargas uniformemente distribuídas;
- Resistência as operações de manuseio;

O atendimento das exigências estabelecidas pela norma é verificado através de ensaios específicos realizados em laboratórios especializados.

As exigências variam de acordo com a localização e algumas outras características da obra, como altura, a topografia, entre outras.

Figura 1 - Gráfico de isopletas de velocidade básica dos ventos no Brasil - ABNT 6123



A velocidade do vento é o parâmetro inicial para calcularmos a pressão exercida o local, levando em conta a altura da obra, rugosidade do terreno, localização, entre outras características. Para facilitar a NBR 10821 trás uma tabela (tabela 1), que determina as pressões de ensaio, segurança e de água, válida para edifícios de até 30 pavimentos ou 90 metros de altura em todas as regiões do Brasil.

Os requisitos de classificação das esquadrias instaladas na posição vertical, em edifícios de uso residencial ou comercial, são no mínimo estabelecidos para as cinco classes em relação ao número de pavimentos e a altura da edificação. As pressões de ensaios a serem adotadas estão indicadas na Tabela 1 e na Figura 1, sendo sempre considerado o último pavimento da edificação onde as esquadrias forem ser instaladas, mantendo-se este valor para todos os pavimentos.

Para esquadrias instaladas nas situações a seguir, deve ser consultada a ABNT NBR 6123, para determinação da pressão de projeto ( $P_p$ ) e pressão de ensaio ( $P_e$ ), prevalecendo como o mínimo os valores da Tabela 1 .

- Edifícios em que as esquadrias não sejam instaladas na posição vertical;
- Edifícios de forma não retangular;
- Edifícios com exigências especiais;

Tabela 1 - Tabela de pressão de ensaio para cargas uniformemente distribuídas

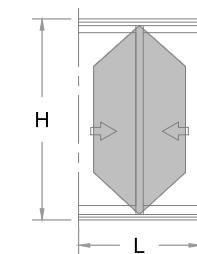
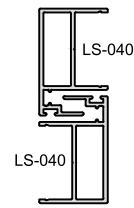
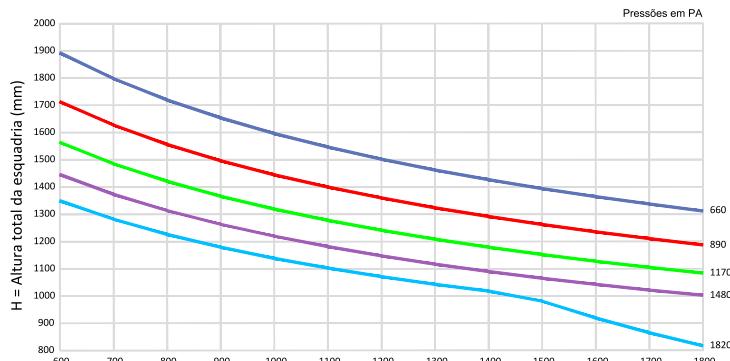
Tabela de pressão de ensaio para cargas uniformemente distribuídas					
Quantidade de pavimentos	Altura máxima	Região do País	Pressão de ensaio $P_e$ , em (Pa) Positiva e negativa $P_e = P_p \times 1,2$	Pressão de segurança $P_s$ , em (Pa) Positiva e negativa $P_s = P_e \times 1,5$	Pressão de água $P_a$ , em (Pa) $P_a = P_p \times 0,20$
02	6 m	I	350	520	60
		II	470	700	80
		III	610	920	100
		IV	770	1160	130
		V	950	1430	160
05	15 m	I	420	640	70
		II	580	860	100
		III	750	1130	130
		IV	950	1430	160
		V	1180	1760	200
10	30 m	I	500	750	80
		II	680	1030	110
		III	890	1340	150
		IV	1130	1700	190
		V	1400	2090	230
20	60 m	I	600	900	100
		II	815	1220	140
		III	1060	1600	180
		IV	1350	2020	220
		V	1660	2500	280
30	90 m	I	660	980	110
		II	890	1340	150
		III	1170	1750	200
		IV	1480	2210	250
		V	1820	2730	300

Com as pressões definidas, é possível verificar nas páginas dos 'Gráficos de Desempenho', as medidas máximas de largura e altura para as tipologias existentes em sua edificação. Para isso ligue o eixo de largura ou de altura na curva referente a pressão de ensaio encontrada e verifique a dimensão máxima correspondente.

**Notas:**

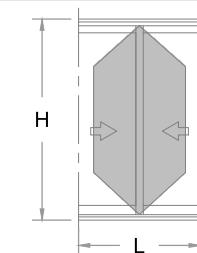
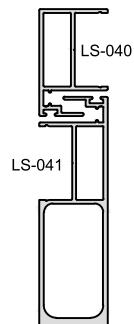
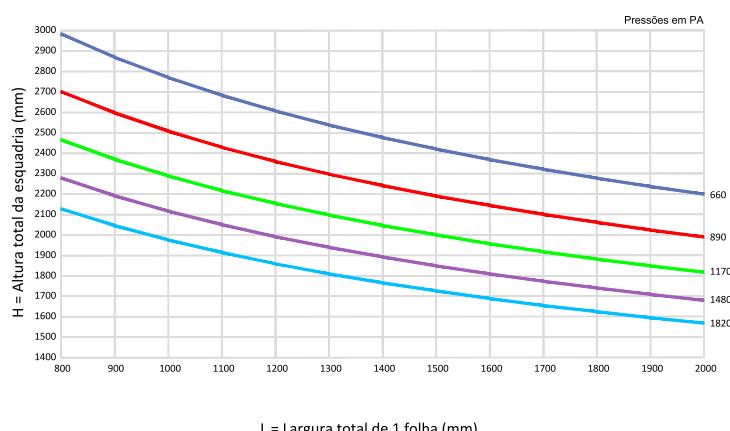
- Nos gráficos de desempenho a seguir, foram considerados os valores de 'Pressão de Ensaio' e 'Pressão de Segurança' de acordo com a norma ABNT NBR 10.821.
- As espessuras dos vidros devem ser calculadas utilizando-se o valor da 'Pressão de Segurança' requerida para a esquadria (para maiores informações consultar a ABNT NBR 10.821 - partes 2 e 3).

Janela De Correr 2, 3 e 4 Folhas



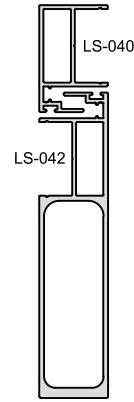
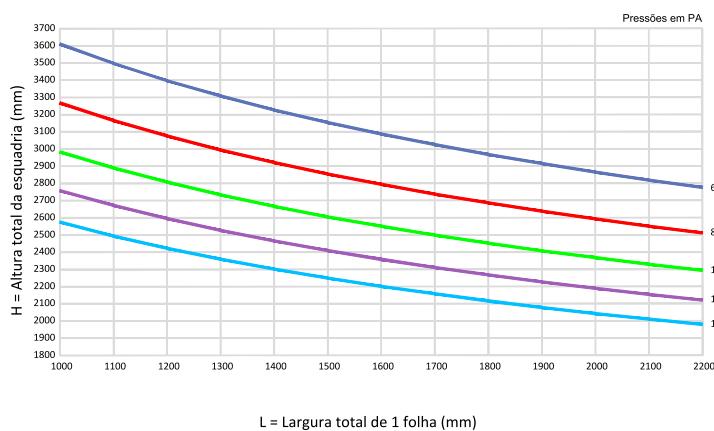
DADOS GEOMÉTRICOS	
LS-040	LS-040
$J_x: 4,46 \text{ Cm}^4$	$J_x: 4,46 \text{ Cm}^4$
$W_x: 2,09 \text{ Cm}^3$	$W_x: 2,09 \text{ Cm}^3$
$J_{xt}: 8,92 \text{ Cm}^4$	
$W_{xt}: 4,18 \text{ Cm}^3$	

Porta De Correr 2, 3 e 4 Folhas

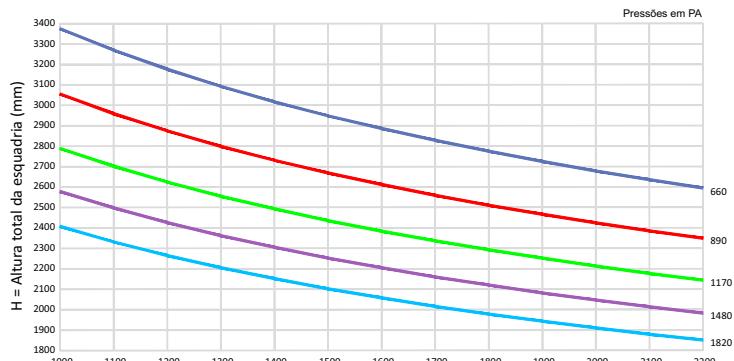


DADOS GEOMÉTRICOS	
LS-040	LS-041
$J_x: 4,46 \text{ Cm}^4$	$J_x: 42,10 \text{ Cm}^4$
$W_x: 2,09 \text{ Cm}^3$	$W_x: 8,58 \text{ Cm}^3$
$J_{xt}: 46,56 \text{ Cm}^4$	
$W_{xt}: 10,67 \text{ Cm}^3$	

Porta De Correr 2, 3 e 4 Folhas



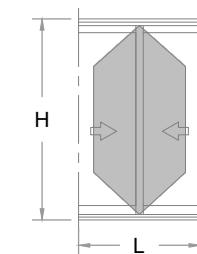
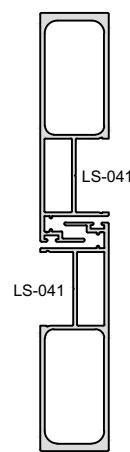
DADOS GEOMÉTRICOS	
LS-040	LS-042
$J_x: 4,46 \text{ Cm}^4$	$J_x: 98,57 \text{ Cm}^4$
$W_x: 2,09 \text{ Cm}^3$	$W_x: 15,30 \text{ Cm}^3$
$J_{xt}: 103,03 \text{ Cm}^4$	
$W_{xt}: 17,39 \text{ Cm}^3$	

**Porta De Correr 2, 3 e 4 Folhas**


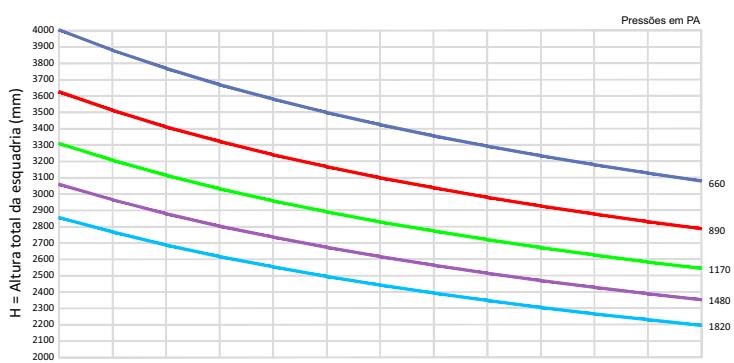
L = Largura total de 1 folha (mm)

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Flecha Admissível: H / 175 ou 30mm



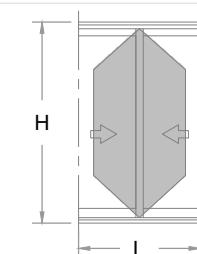
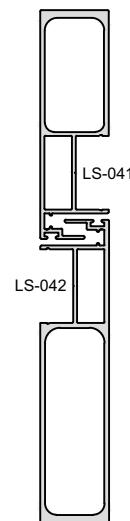
DADOS GEOMÉTRICOS	
LS-041	LS-041
Jx: 42,10 Cm <sup>4</sup>	Jx: 42,10 Cm <sup>4</sup>
Wx: 8,58 Cm <sup>3</sup>	Wx: 8,58 Cm <sup>3</sup>
Jxt: 84,20 Cm <sup>4</sup>	
Wxt: 17,16 Cm <sup>3</sup>	

**Porta De Correr 2, 3 e 4 Folhas**


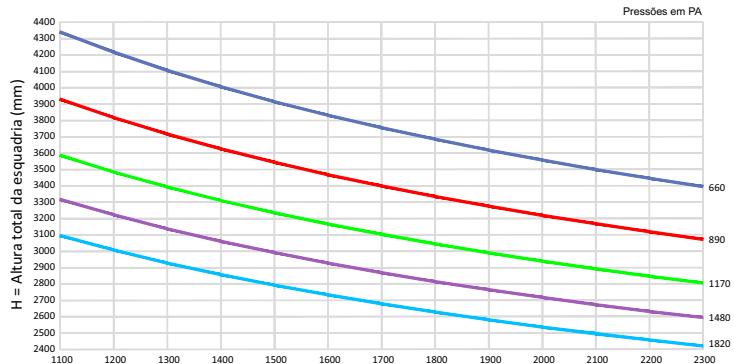
L = Largura total de 1 folha (mm)

Tensão Admissível: 7 Kg/mm<sup>2</sup> (Liga 6060-T5)

Flecha Admissível: H / 175 ou 30mm



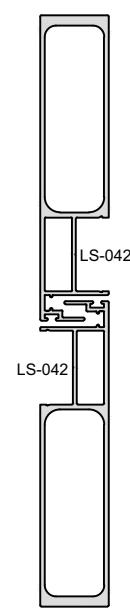
DADOS GEOMÉTRICOS	
LS-041	LS-042
Jx: 42,10 Cm <sup>4</sup>	Jx: 98,57 Cm <sup>4</sup>
Wx: 8,58 Cm <sup>3</sup>	Wx: 15,30 Cm <sup>3</sup>
Jxt: 140,67 Cm <sup>4</sup>	
Wxt: 23,88 Cm <sup>3</sup>	

**Porta De Correr 2, 3 e 4 Folhas**


L = Largura total de 1 folha (mm)

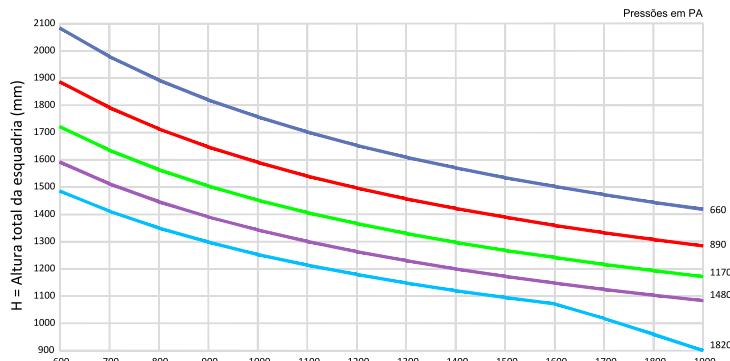
Tensão Admissível: 7 Kg/mm<sup>2</sup> (Liga 6060-T5)

Flecha Admissível: H / 175 ou 30mm



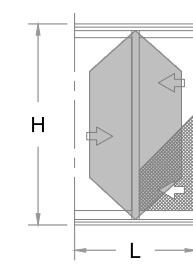
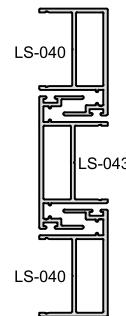
DADOS GEOMÉTRICOS	
LS-042	LS-042
Jx: 98,57 Cm <sup>4</sup>	Jx: 98,57 Cm <sup>4</sup>
Wx: 15,30 Cm <sup>3</sup>	Wx: 15,30 Cm <sup>3</sup>
Jxt: 197,14 Cm <sup>4</sup>	
Wxt: 30,60 Cm <sup>3</sup>	

**Porta/Janela De Correr 3 e 6 Folhas**



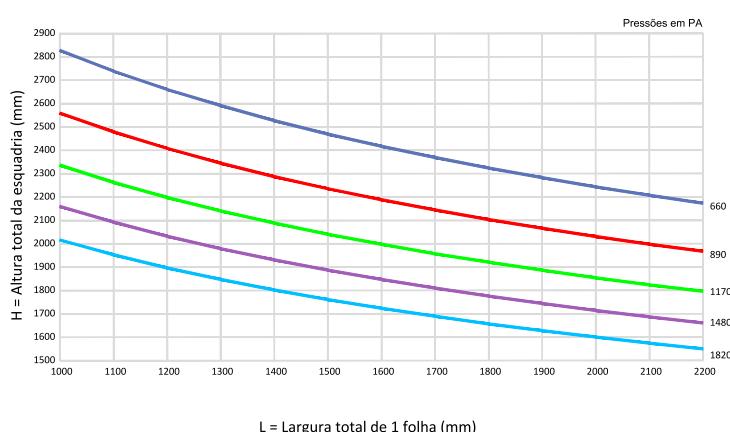
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Flecha Admissível: H / 175 ou 30mm



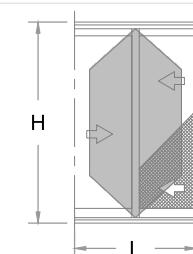
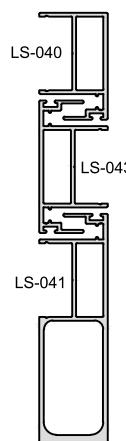
DADOS GEOMÉTRICOS	
LS-043	LS-040
Jx: 7,42 Cm <sup>4</sup>	Jx: 4,46 Cm <sup>4</sup>
Wx: 2,84 Cm <sup>3</sup>	Wx: 2,09 Cm <sup>3</sup>
Jxt: 11,88 Cm <sup>4</sup>	
Wxt: 4,93 Cm <sup>3</sup>	

**Porta/Janela De Correr 3 e 6 Folhas**



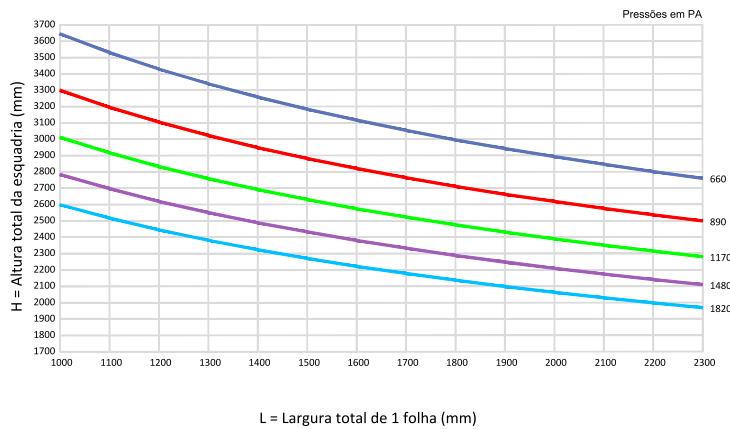
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Flecha Admissível: H / 175 ou 30mm



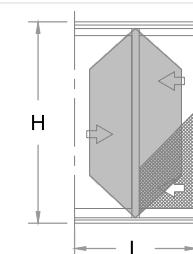
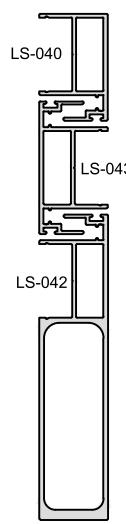
DADOS GEOMÉTRICOS	
LS-043	LS-041
Jx: 7,42 Cm <sup>4</sup>	Jx: 42,10 Cm <sup>4</sup>
Wx: 2,84 Cm <sup>3</sup>	Wx: 8,58 Cm <sup>3</sup>
Jxt: 49,52 Cm <sup>4</sup>	
Wxt: 11,42 Cm <sup>3</sup>	

**Porta/Janela De Correr 3 e 6 Folhas**

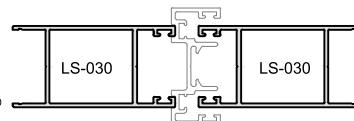
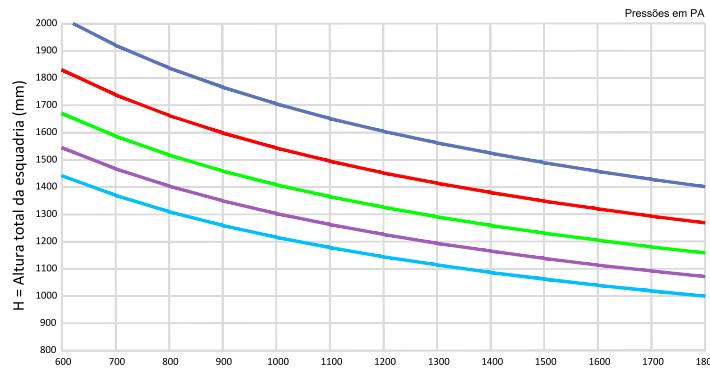


Tensão Admissível: 7 Kg/mm<sup>2</sup> (Liga 6060-T5)

Flecha Admissível: H / 175 ou 30mm



DADOS GEOMÉTRICOS	
LS-043	LS-042
Jx: 7,42 Cm <sup>4</sup>	Jx: 98,57 Cm <sup>4</sup>
Wx: 2,84 Cm <sup>3</sup>	Wx: 15,30 Cm <sup>3</sup>
Jxt: 105,99 Cm <sup>4</sup>	
Wxt: 18,14 Cm <sup>3</sup>	

**Janela De Correr 4, 6 e 8 Folhas**


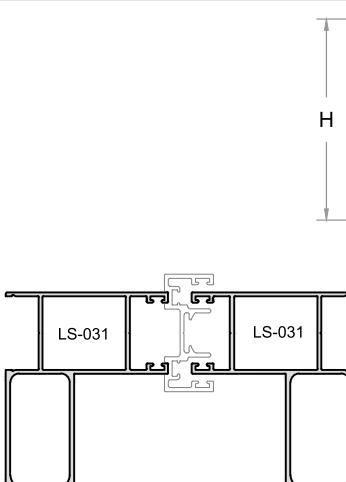
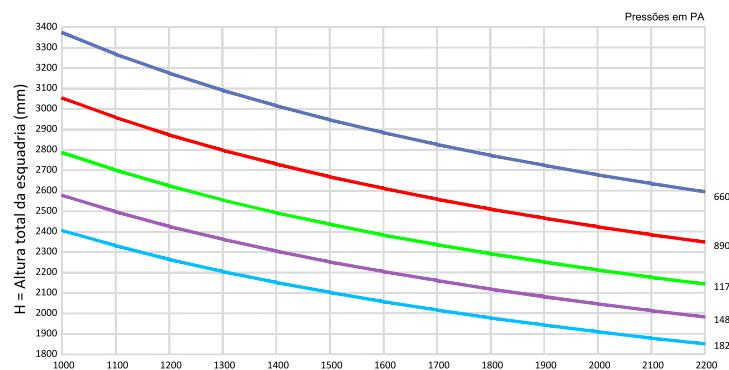
DADOS GEOMÉTRICOS

LS-030	LS-030
$J_x: 5,43 \text{ Cm}^4$	$J_x: 5,43 \text{ Cm}^4$
$W_x: 3,39 \text{ Cm}^3$	$W_x: 3,39 \text{ Cm}^3$
$J_{xt}: 10,86 \text{ Cm}^4$	
$W_{xt}: 6,78 \text{ Cm}^3$	

L = Largura total de 1 folha (mm)

Tensão Admissível: 7 Kg/mm<sup>2</sup> (Liga 6060-T5)

Flecha Admissível: H / 175 ou 30mm

**Porta De Correr 4, 6 e 8 Folhas**


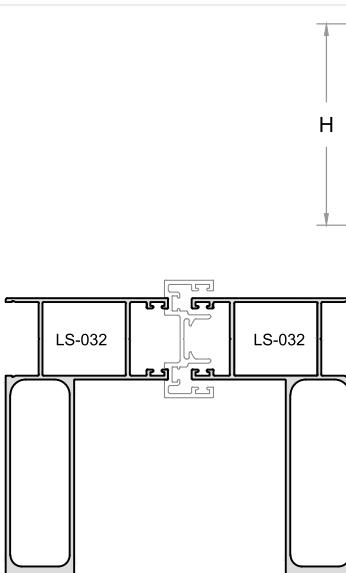
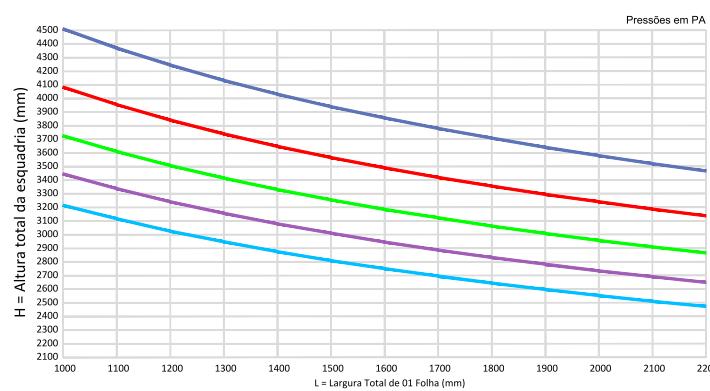
DADOS GEOMÉTRICOS

LS-031	LS-031
$J_x: 42,06 \text{ Cm}^4$	$J_x: 42,06 \text{ Cm}^4$
$W_x: 9,87 \text{ Cm}^3$	$W_x: 9,87 \text{ Cm}^3$
$J_{xt}: 84,12 \text{ Cm}^4$	
$W_{xt}: 19,74 \text{ Cm}^3$	

L = Largura total de 1 folha (mm)

Tensão Admissível: 7 Kg/mm<sup>2</sup> (Liga 6060-T5)

Flecha Admissível: H / 175 ou 30mm

**Porta De Correr 4, 6 e 8 Folhas**


DADOS GEOMÉTRICOS

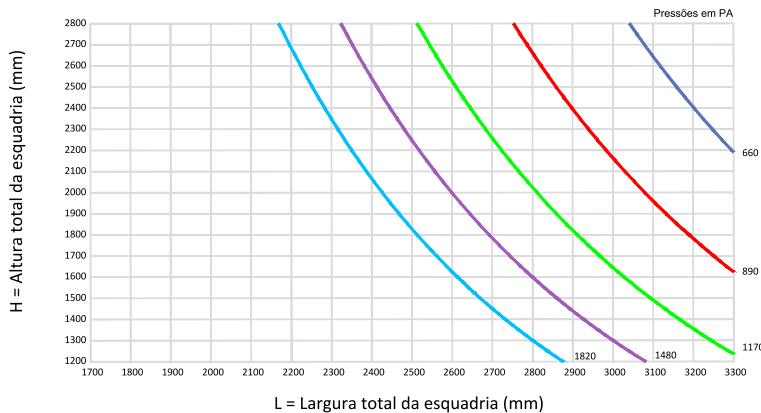
LS-032	LS-032
$J_x: 100,46 \text{ Cm}^4$	$J_x: 100,46 \text{ Cm}^4$
$W_x: 17,31 \text{ Cm}^3$	$W_x: 17,31 \text{ Cm}^3$
$J_{xt}: 200,92 \text{ Cm}^4$	
$W_{xt}: 34,62 \text{ Cm}^3$	

L = Largura total de 1 folha (mm)

Tensão Admissível: 7 Kg/mm<sup>2</sup> (Liga 6060-T5)

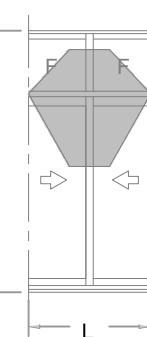
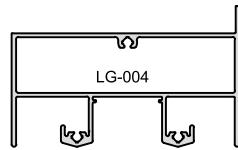
Flecha Admissível: H / 175 ou 30mm

Janelas / Portas De Correr 2 e 4 Folhas



Tensão Admissível: 7 Kg/mm<sup>2</sup> (Liga 6060-T5)  
Flecha Admissível: L / 175 ou 30mm

*Notas:*  
Atenção a deformação pelo peso próprio da estrutura.



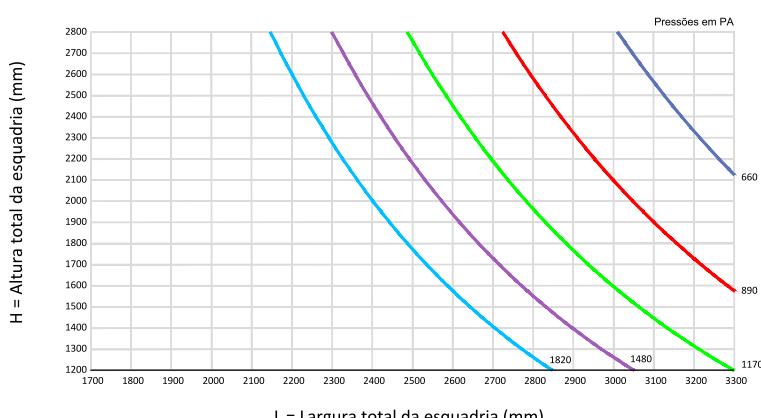
DADOS GEOMÉTRICOS

LG-004

Jy: 86,28 Cm<sup>4</sup>

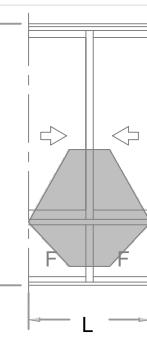
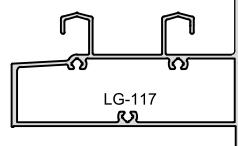
Wy: 16,69 Cm<sup>3</sup>

Janelas De Correr 2 e 4 Folhas



Tensão Admissível: 7 Kg/mm<sup>2</sup> (Liga 6060-T5)  
Flecha Admissível: L / 175 ou 30mm

*Notas:*  
Atenção a deformação pelo peso próprio da estrutura.



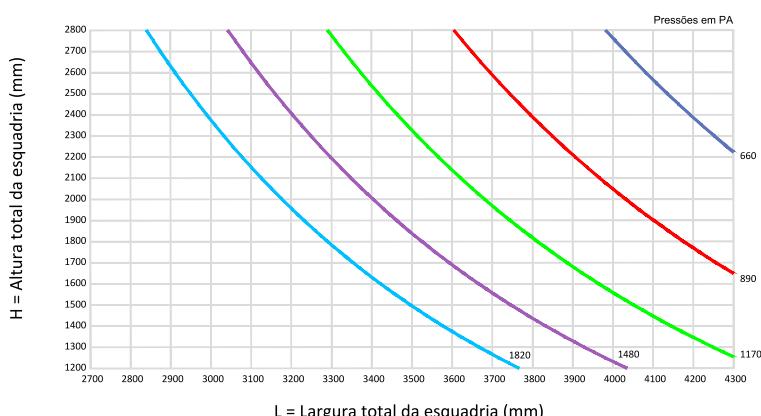
DADOS GEOMÉTRICOS

LG-117

Jy: 83,70 Cm<sup>4</sup>

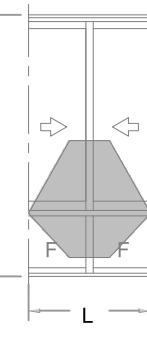
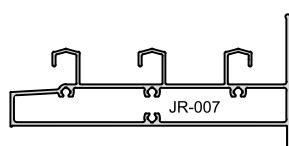
Wy: 14,82 Cm<sup>3</sup>

Janelas De Correr 3 e 6 Folhas



Tensão Admissível: 7 Kg/mm<sup>2</sup> (Liga 6060-T5)  
Flecha Admissível: L / 175 ou 30mm

*Notas:*  
Atenção a deformação pelo peso próprio da estrutura.



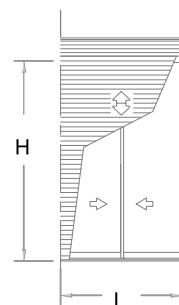
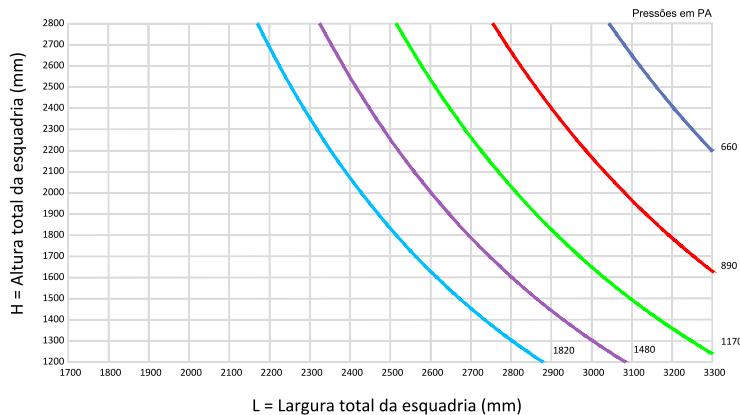
DADOS GEOMÉTRICOS

JR-007

Jy: 193,70 Cm<sup>4</sup>

Wy: 23,94 Cm<sup>3</sup>

## Janelas / Portas De Correr 2 e 4 Folhas



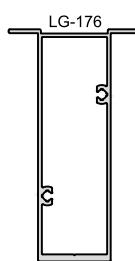
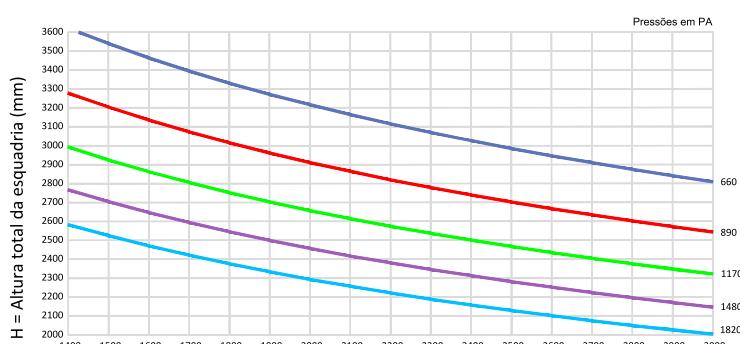
DADOS GEOMÉTRICOS  
LG-166

$J_y$ :	86,50	$Cm^4$
$W_y$ :	15,41	$Cm^3$

Tensão Admissível: 7 Kg/mm<sup>2</sup> (Liga 6060-T5)  
Flecha Admissível:  $L / 175$  ou 30mm

*Notas:*  
Atenção a deformação pelo peso próprio da estrutura.

## Maxim Ar - Divisor

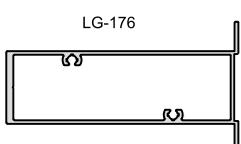
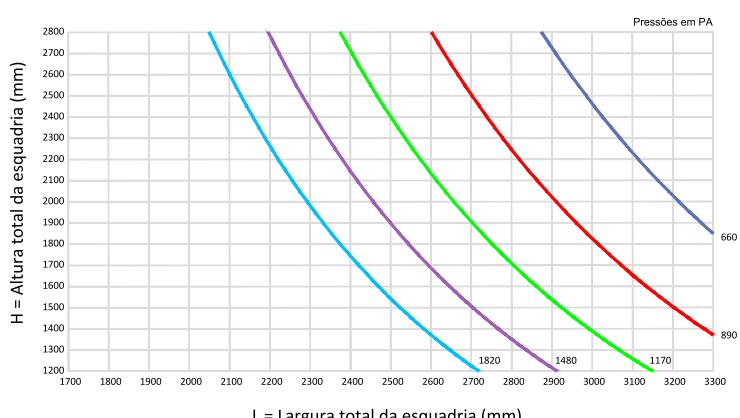


DADOS GEOMÉTRICOS  
LG-176

$J_x$ :	72,84	$Cm^4$
$W_x$ :	14,25	$Cm^3$

Tensão Admissível: 7 Kg/mm<sup>2</sup> (Liga 6060-T5)  
Flecha Admissível:  $H / 175$  ou 30mm

## Maxim Ar - Divisor



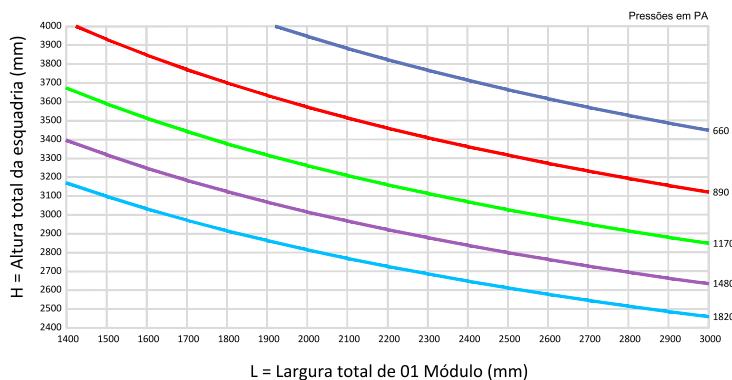
DADOS GEOMÉTRICOS  
LG-176

$J_y$ :	72,84	$Cm^4$
$W_y$ :	14,25	$Cm^3$

Tensão Admissível: 7 Kg/mm<sup>2</sup> (Liga 6060-T5)  
Flecha Admissível:  $L / 175$  ou 30mm

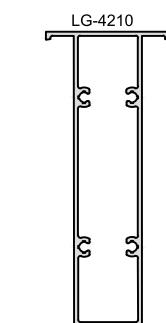
*Notas:*  
Atenção a deformação pelo peso próprio da estrutura.

## Maxim Ar - Divisor

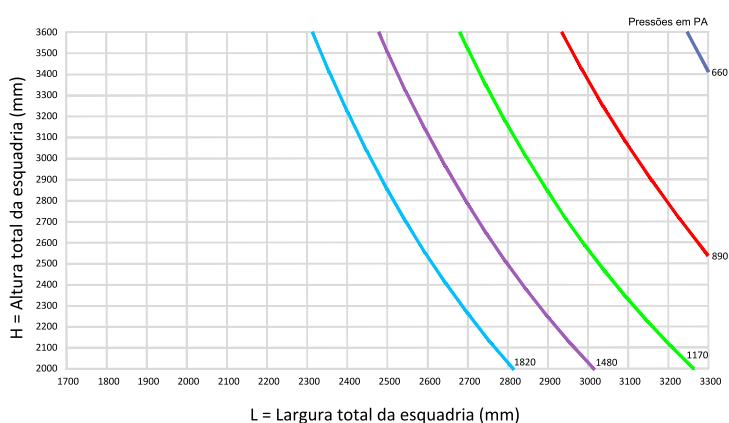

Tensão Admissível: 7 Kg/mm<sup>2</sup> (Liga 6060-T5)

Flecha Admissível:  $H / 175$  ou 30mm

## Maxim Ar - Divisor



DADOS GEOMÉTRICOS	
LG-4210	
$J_x$ :	134,61 $\text{Cm}^4$
$W_x$ :	19,22 $\text{Cm}^3$

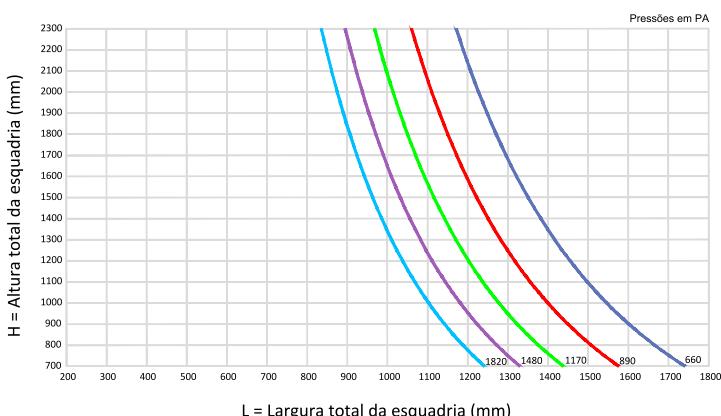

Tensão Admissível: 7 Kg/mm<sup>2</sup> (Liga 6060-T5)

Flecha Admissível:  $L / 175$  ou 30mm

## Notas:

Atenção a deformação pelo peso próprio da estrutura.

## Maxim Ar


Tensão Admissível: 7 Kg/mm<sup>2</sup> (Liga 6060-T5)

Flecha Admissível:  $L / 175$  ou 30mm

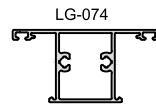
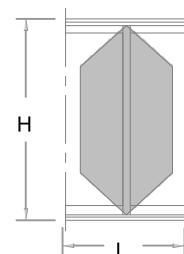
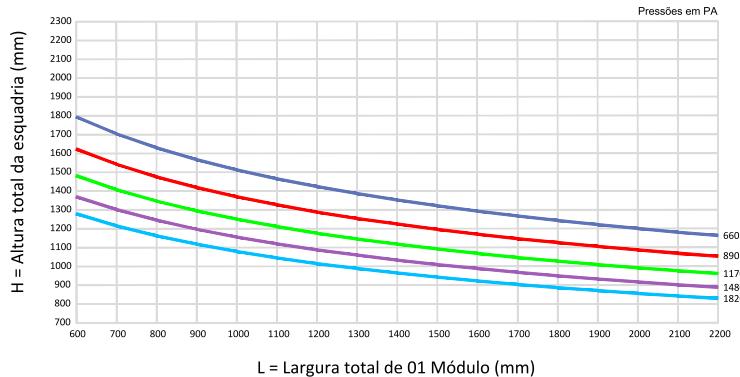
## Notas:

Atenção a deformação pelo peso próprio da estrutura.



DADOS GEOMÉTRICOS	
LG-076	
$J_y$ :	4,05 $\text{Cm}^4$
$W_y$ :	2,44 $\text{Cm}^3$

## Maxim Ar

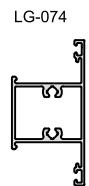
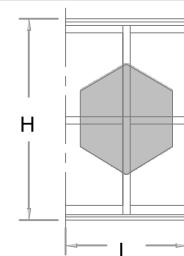
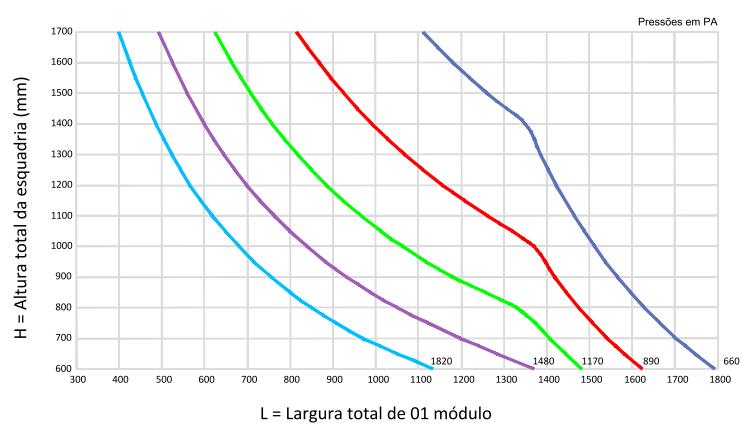


DADOS GEOMÉTRICOS  
LG-074

$J_x:$	3,79	$Cm^4$
$W_x:$	1,94	$Cm^3$

Tensão Admissível: 7 Kg/mm<sup>2</sup> (Liga 6060-T5)  
Flecha Admissível: H / 175 ou 30mm

## Maxim Ar



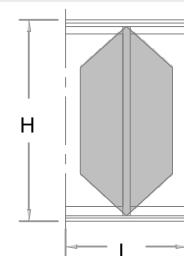
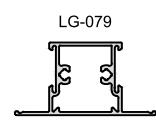
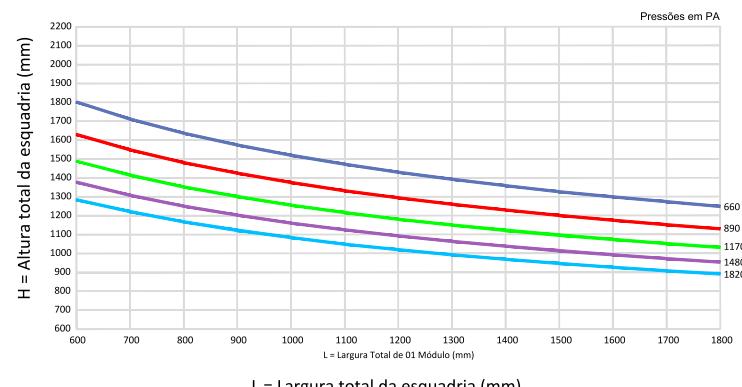
DADOS GEOMÉTRICOS  
LG-074

$J_y:$	3,79	$Cm^4$
$W_y:$	1,94	$Cm^3$

Tensão Admissível: 7 Kg/mm<sup>2</sup> (Liga 6060-T5)  
Flecha Admissível: L / 175 ou 30mm

*Notas:*  
Atenção a deformação pelo peso próprio da estrutura.

## Quadro Fixo

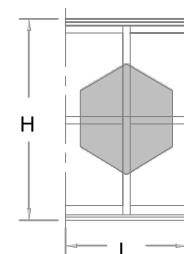
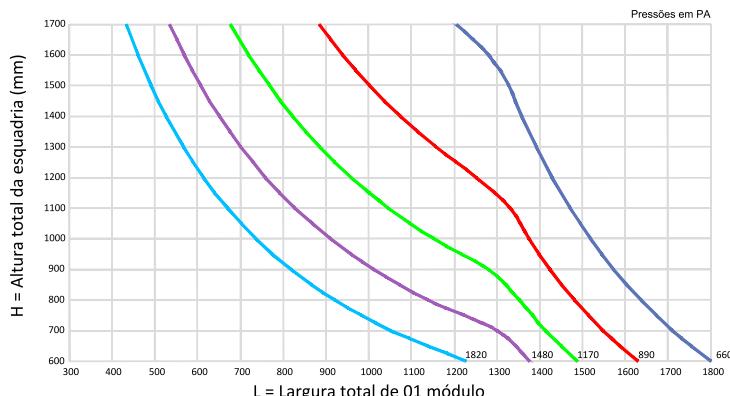


DADOS GEOMÉTRICOS  
LG-079

$J_x:$	3,84	$Cm^4$
$W_x:$	2,10	$Cm^3$

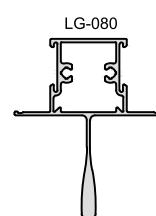
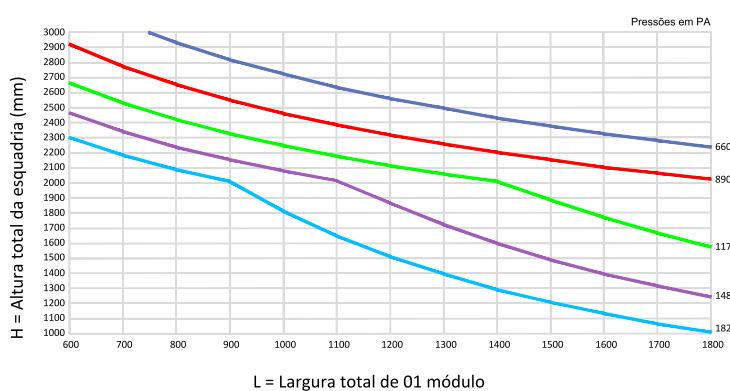
Tensão Admissível: 7 Kg/mm<sup>2</sup> (Liga 6060-T5)  
Flecha Admissível: H / 175 ou 30mm

Quadro Fijo



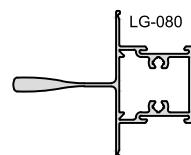
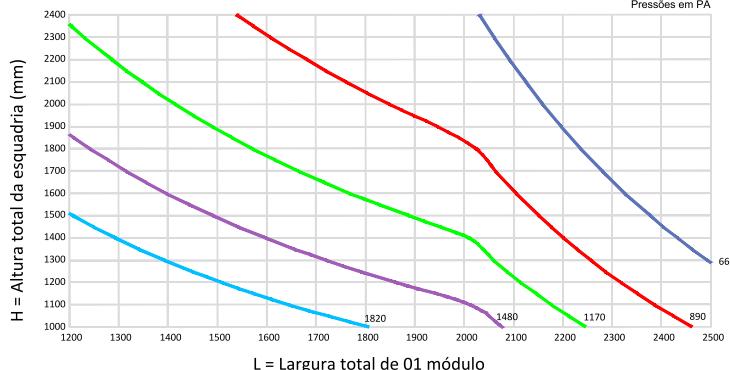
DADOS GEOMÉTRICOS	
Jy:	3,84 Cm <sup>4</sup>
Wy:	2,10 Cm <sup>3</sup>

Quadro Fijo



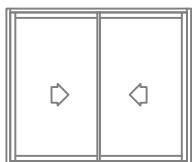
DADOS GEOMÉTRICOS	
Jx:	22,08 Cm <sup>4</sup>
Wx:	5,16 Cm <sup>3</sup>

Quadro Fijo

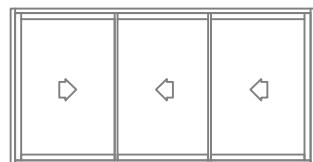


DADOS GEOMÉTRICOS	
Jy:	22,08 Cm <sup>4</sup>
Wy:	5,16 Cm <sup>3</sup>

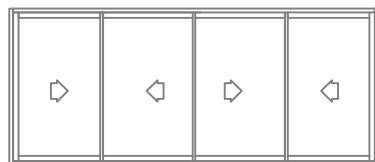
## Janelas De Correr



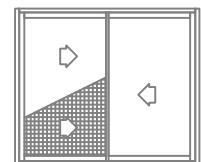
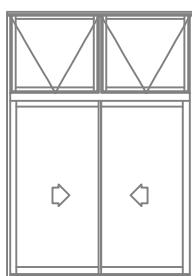
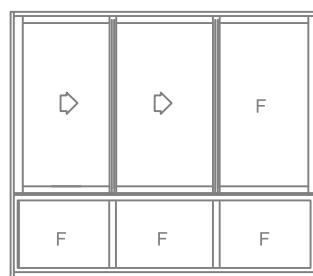
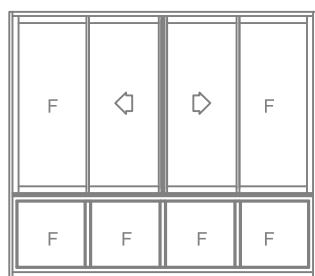
Janela De Correr 2 Folhas



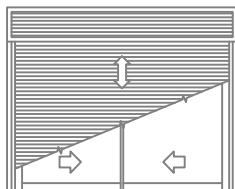
Janela De Correr 3 Folhas



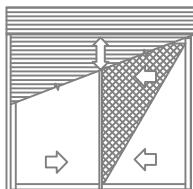
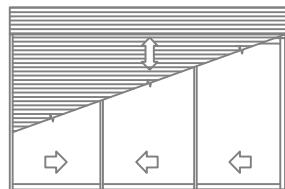
Janela De Correr 4 Folhas


Janela De Correr 3 Folhas  
Com Tela Mosquiteira

Janela De Correr 2 Folhas  
Com Bandeira Maxim-ar

Janela De Correr 3 Folhas  
Com Peitoril

Janela De Correr 4 Folhas  
Com Peitoril

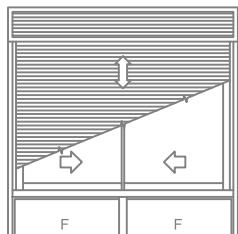
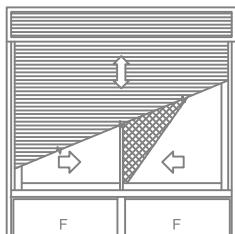
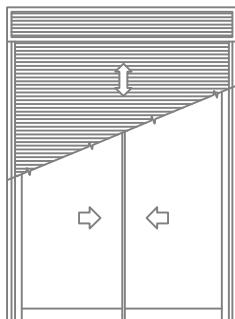
## Janelas e Portas De Correr - Integrada



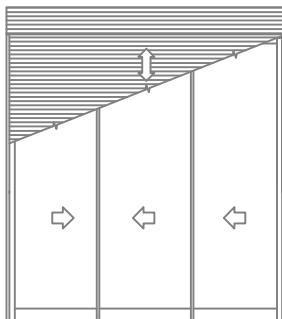
Janela De Correr 2 Folhas


Janela De Correr 3 Folhas  
Com Mosquiteira


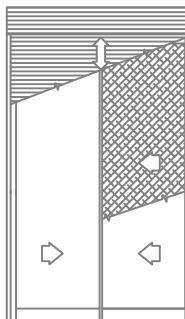
Janela De Correr 3 Folhas


Janela De Correr 2 Folhas  
Com Peitoril

Janela De Correr 3 Folhas  
Com Mosquiteira e Peitoril


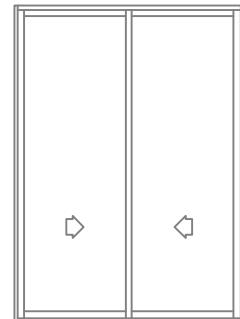
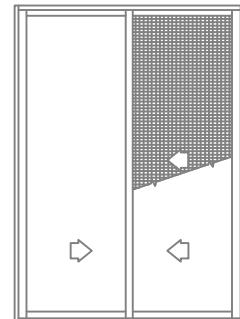
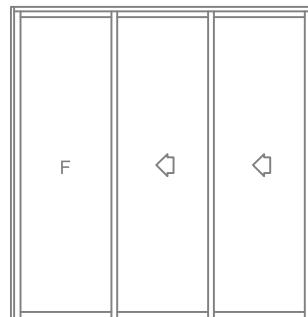
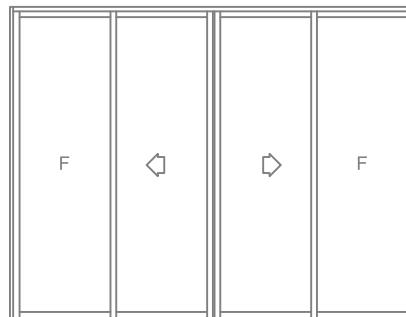
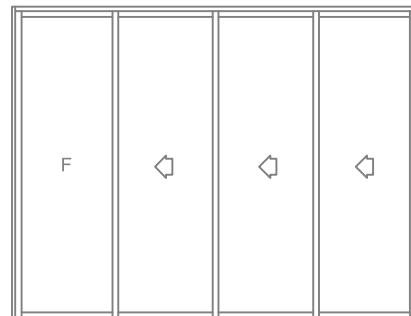
Porta De Correr 2 Folhas



Porta De Correr 3 Folhas


Porta De Correr 3 Folhas  
Com Mosquiteira

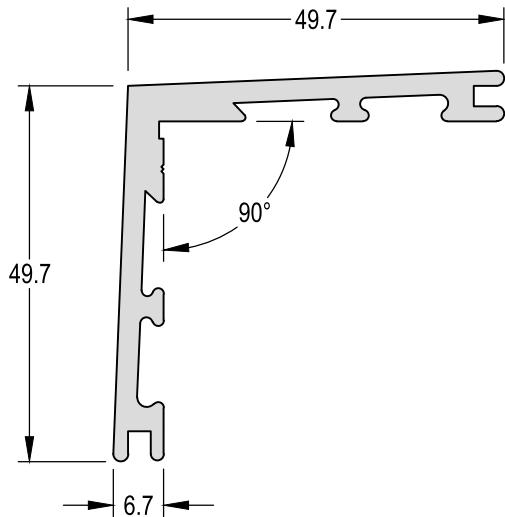
## Portas De Correr

Porta De Correr 2 Folhas  
Sem TravessaPorta De Correr 3 Folhas  
Com MosquiteiraPorta De Correr 3 Folhas  
Com e Sem TravessaPorta De Correr 4 Folhas  
Com e Sem TravessaPorta De Correr 4 Folhas  
Com e Sem Travessa

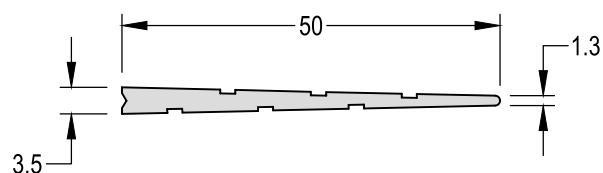
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LG-024	Marco Inferior 02 Planos	27			
LG-026	Baguete Vertical - 6/8/10mm	54			
LG-044	Marco Superior 02 Planos	26			
LG-059	Baguete Horizontal - 4/5mm	54			
LG-062	Marco Superior 03 Planos	31			
LG-068	Marco Maxim Ar	51			
LG-070	Marco Superior 04 Planos	35			
LG-072	Marco Lateral Liso 04 Planos	36			
LG-074	Coluna Maxim Ar	52			
LG-076	Coluna/ Travessa	52			
LG-077	Inversor de Baguetes	51			
LG-079	Coluna Fixo	53			
LG-080	Coluna Fixo	53			
LG-083	Marco Fixo	53			
LG-085	Folha Maxim Ar	52			
LG-091	Pingadeira	51			
LG-092	Pingadeira Auxiliar	51			
LG-116	Marco Inferior 03 Planos	32			
LG-117	Travessa Intermediária Peitoril	29			
LG-158	Marco Lateral 03 Planos	34			
LG-159	Marco Inferior 02 Planos	28			
LG-160	Marco Inferior 04 Planos	35			
LG-164	Baguete Vertical - 4/5mm	54			
LG-166	Travessa Intermediária -Integrada	42			
LG-168	Marco Superior - Integrada	42			
LG-170	Marco Lateral - Integrada	44			
LG-172	Marco Inferior - Integrada	43			
LG-176	Coluna	30			
LG-234	Marco Bandeira / Peitoril	31			
LG-311	Click Do Marco Inferior	37			
LG-315	Marco Inferior 02 Planos	27			
LG-316	Marco Inferior 03 Planos	32			
LG-359	Marco Inferior 02 Planos	28			

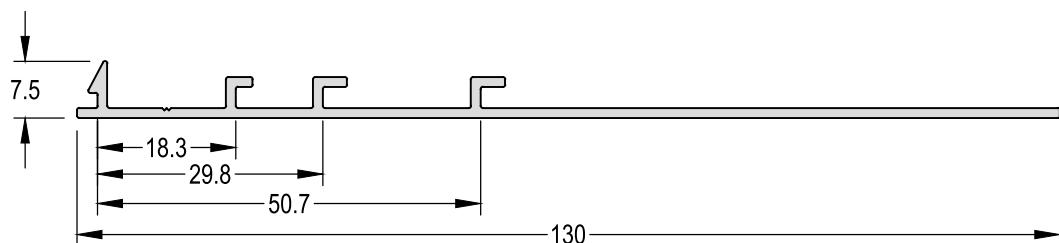
Cantoneira de Ligação 45º	CL-006	1,028 kg/m
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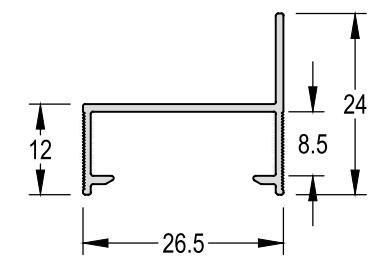


Cunha de Ligação 45º	CL-011	0,304 kg/m
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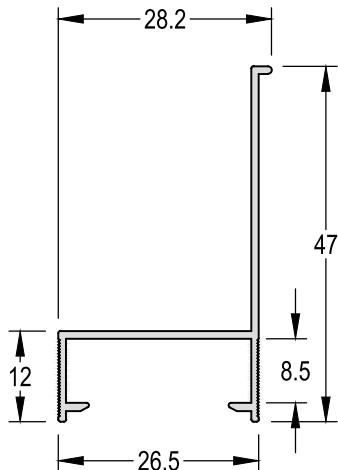


Chumbador para Contramarco	ADI-016	0,556 kg/m
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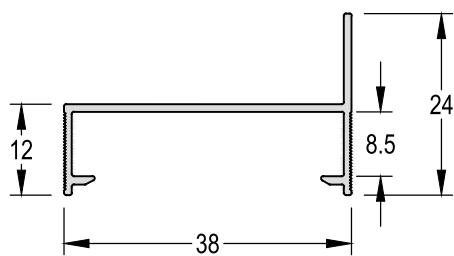



**Contramarco**

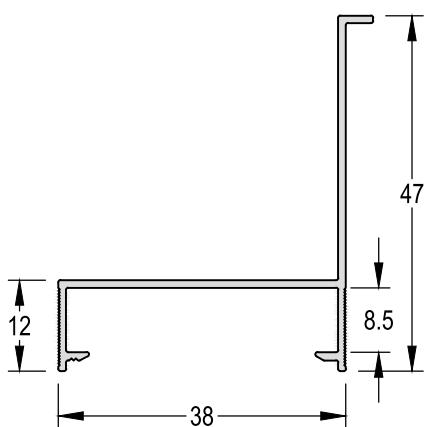
CM-200A 0,174 kg/m


**Contramarco - Inferior Portas**

CM-151 0,241 kg/m


**Contramarco**

CM-060A 0,205 kg/m

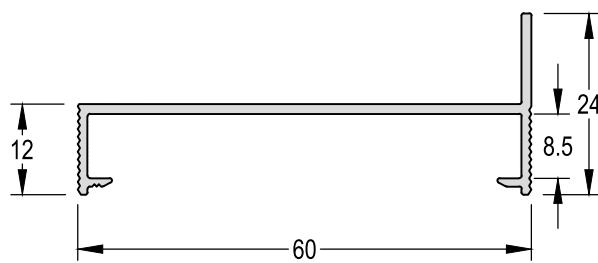

**Contramarco - Inferior Portas**

CM-098 0,277 kg/m

## Contramarco

CM-174

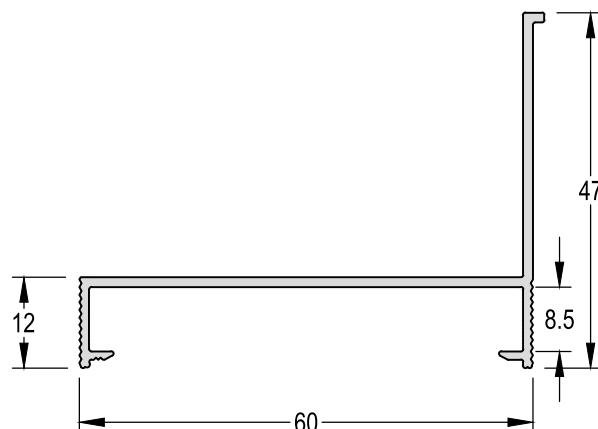
0,336 kg/m

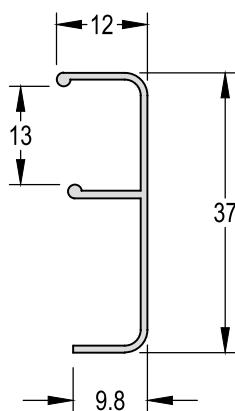
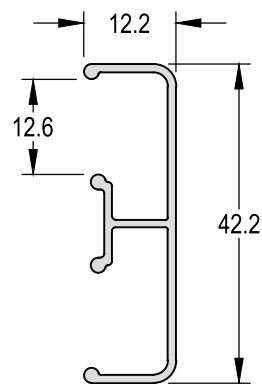
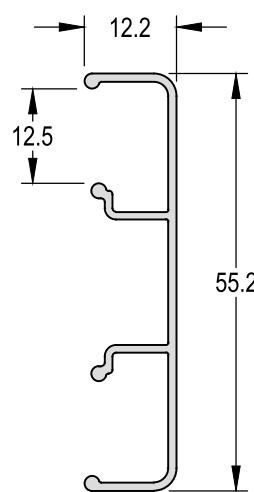


## Contramarco

CM-173

0,423 kg/m

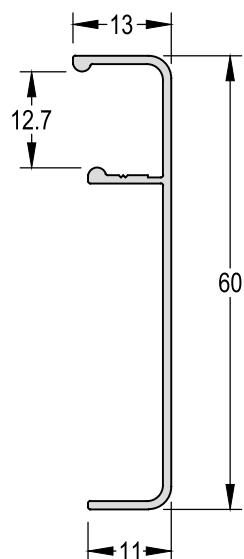


**Arremate**
**ADI-017**
**0,165 kg/m**

**Arremate**
**IT-101**
**0,259 kg/m**

**Arremate**
**IT-100**
**0,307 kg/m**


## Arremate

ADI-349

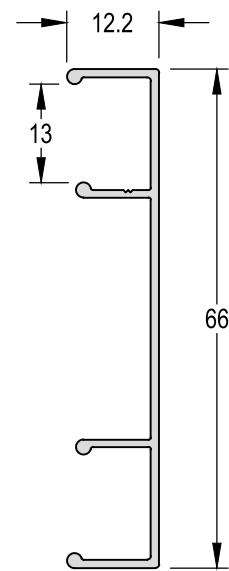
0,276 kg/m



## Arremate

IT-102

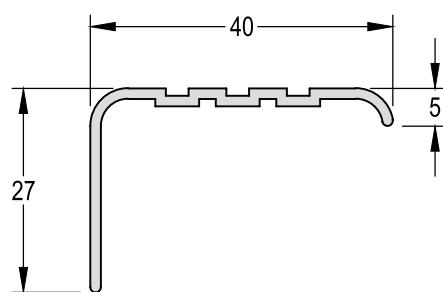
0,330 kg/m

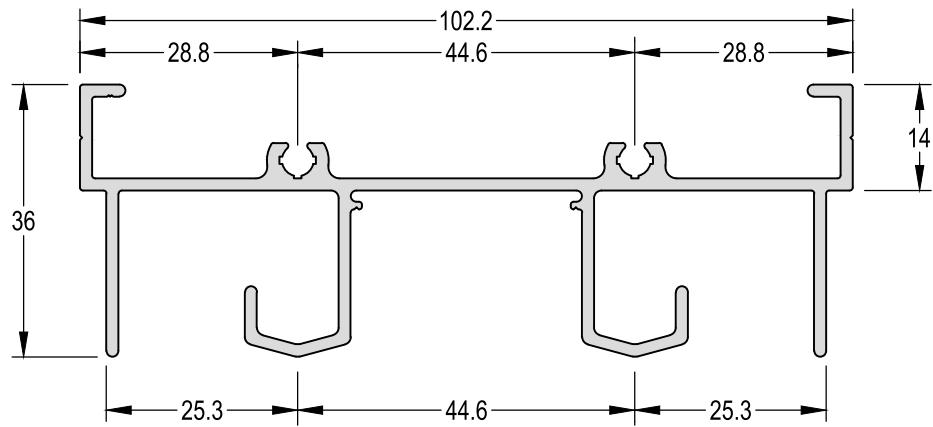
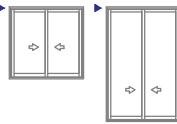
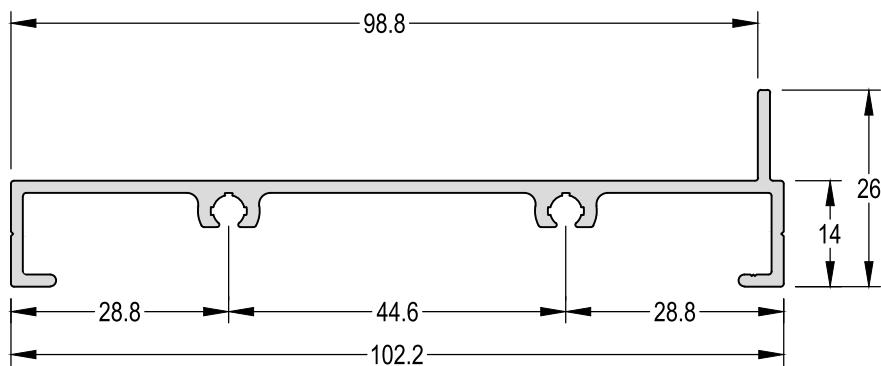
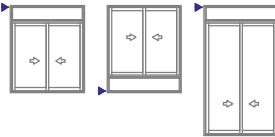


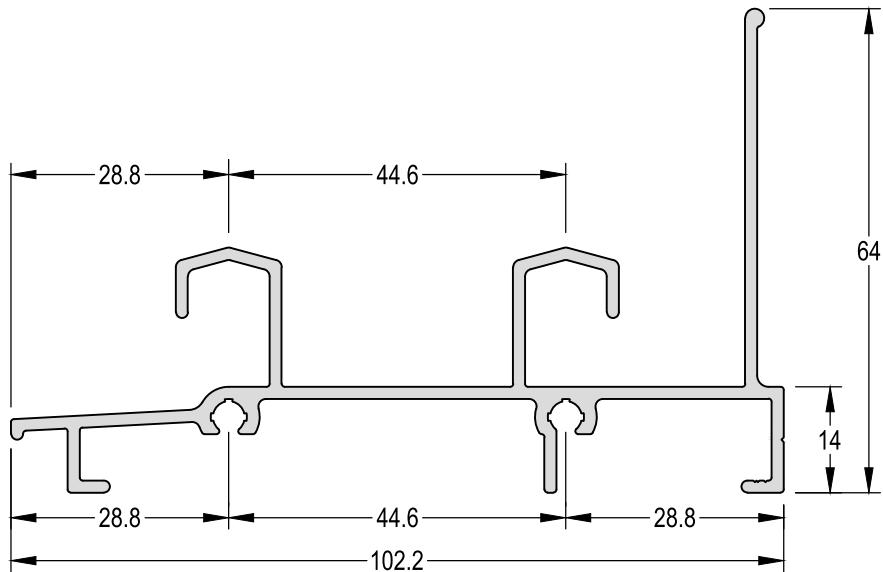
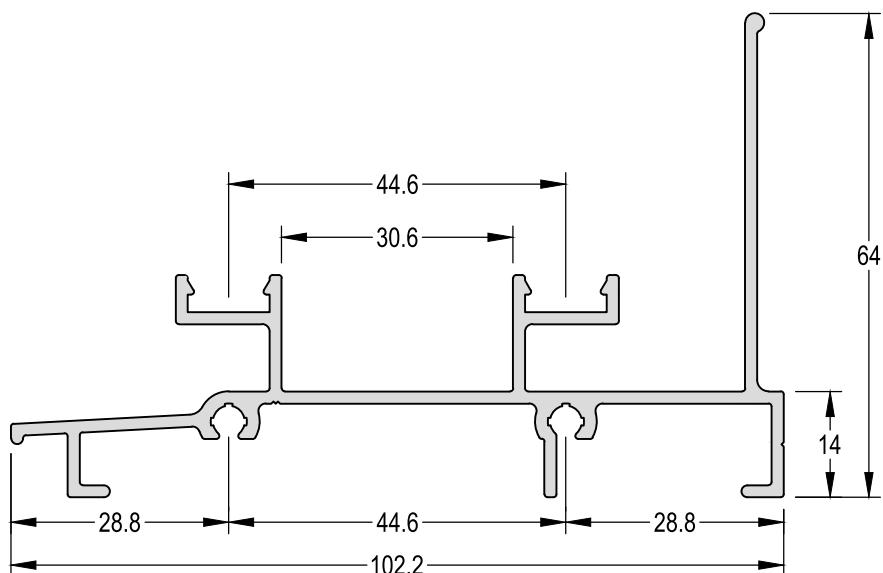
## Arremate de Piso

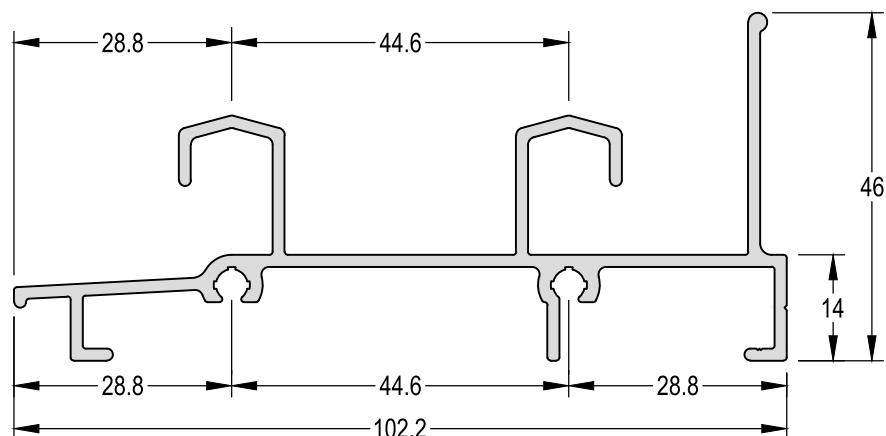
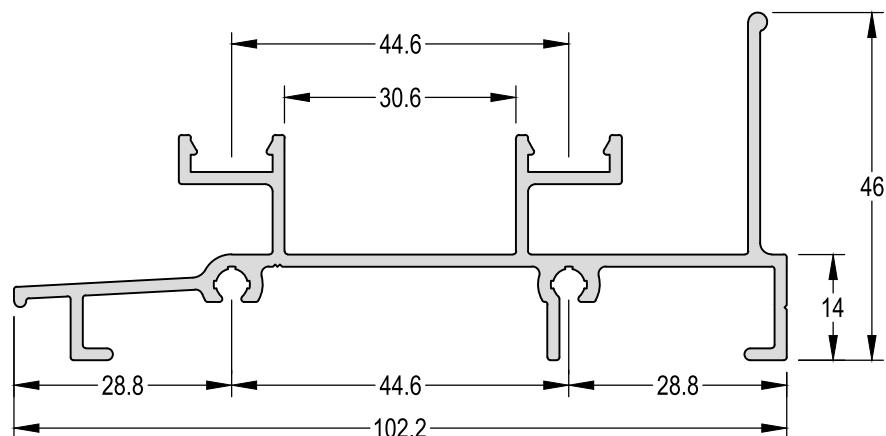
ME-013

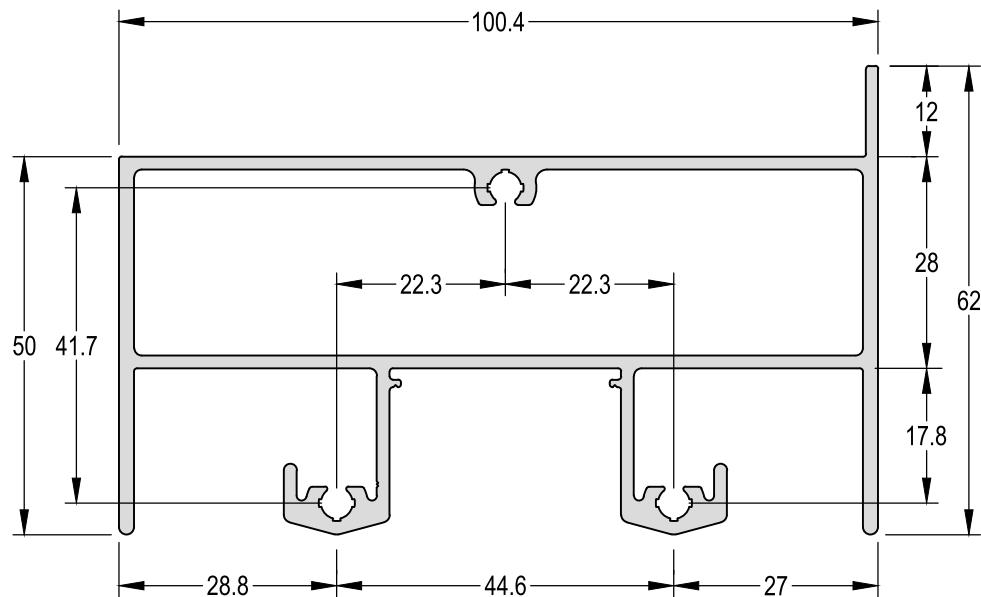
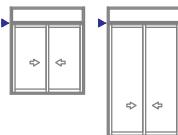
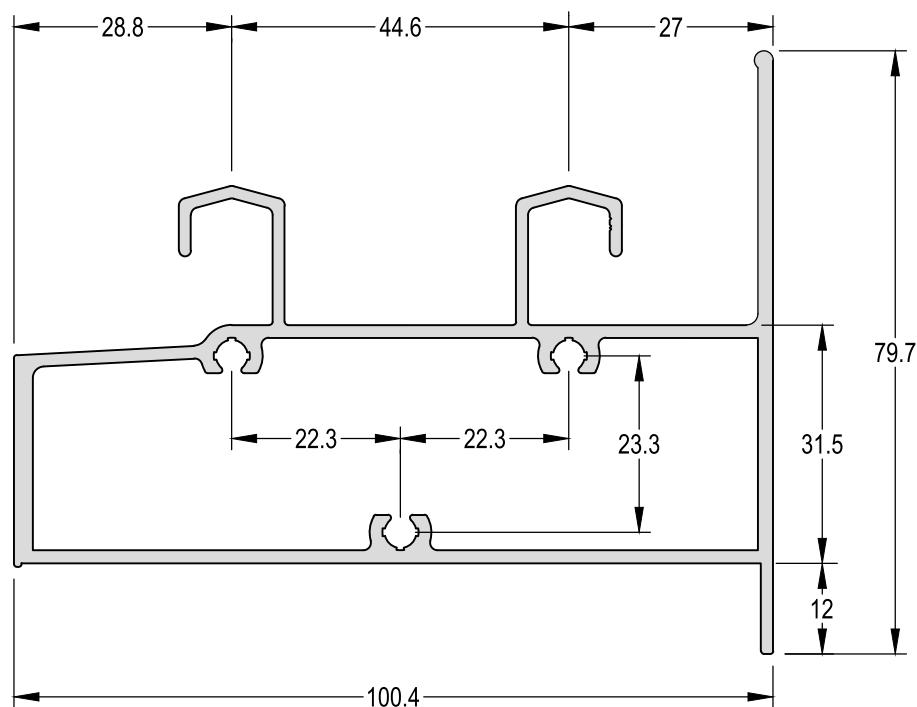
0,270 kg/m

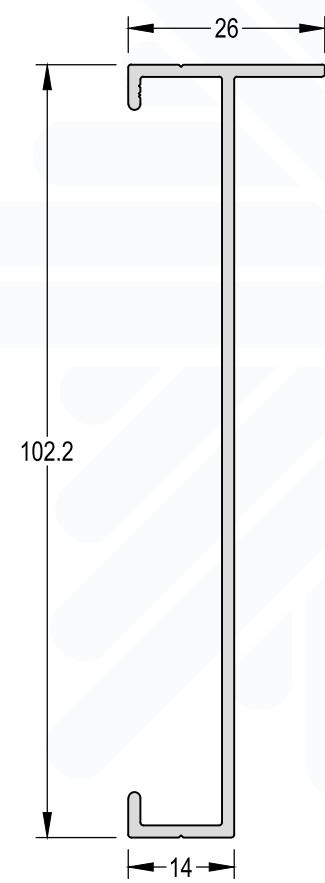
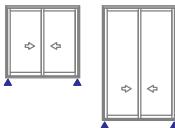
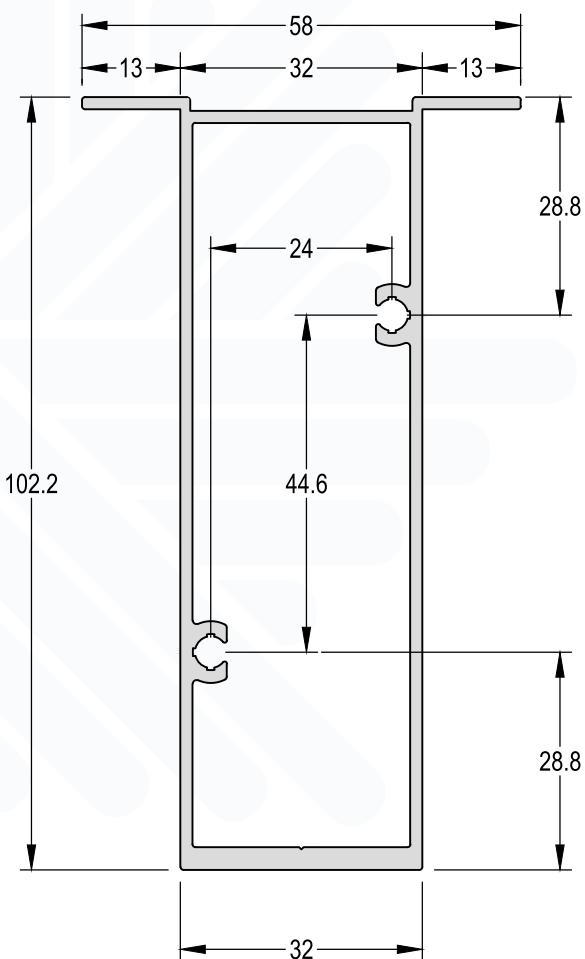
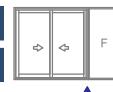


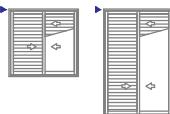
**Marco Superior 02 Planos**
**LG-044**
**1,247 Kg/m**

**Marco Bandeira / Peitoril**
**LG-003**
**0,757 Kg/m**


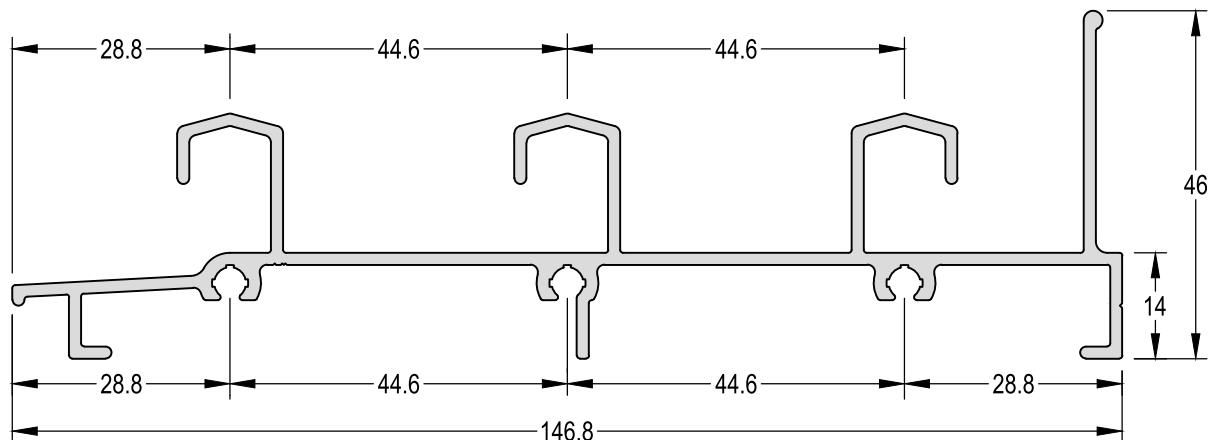
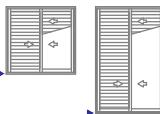
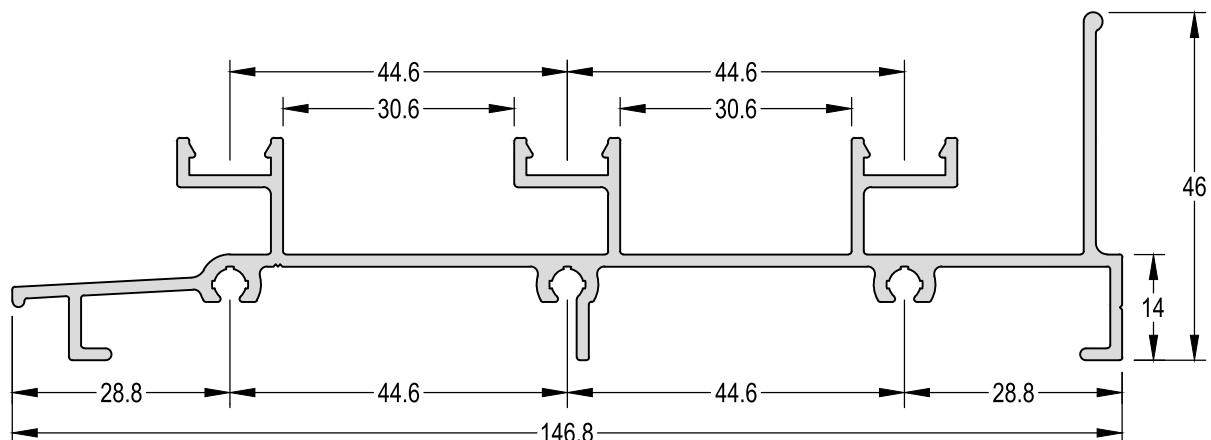
**Marco Inferior 02 Planos**
**LG-024**
**1,242 Kg/m**

**Marco Inferior 02 Planos**
**LG-315**
**1,228 Kg/m**


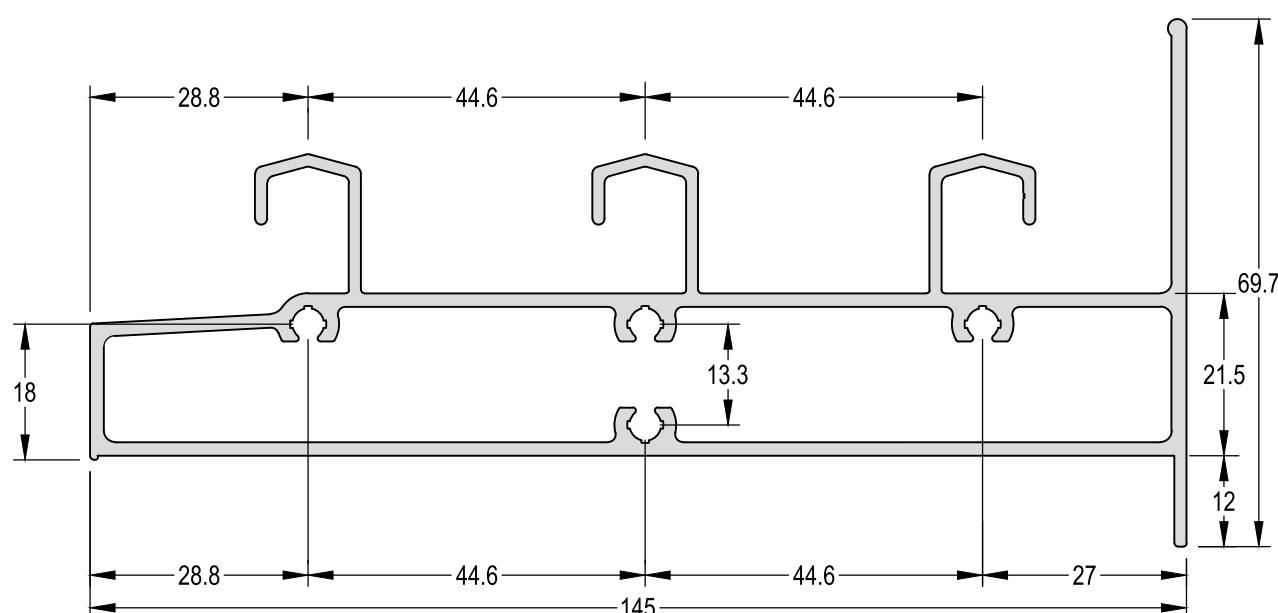
**Marco Inferior 02 Planos**
**LG-159**
**1,164 Kg/m**

**Marco Inferior 02 Planos**
**LG-359**
**1,154 Kg/m**
**Encaixe: LG-311**


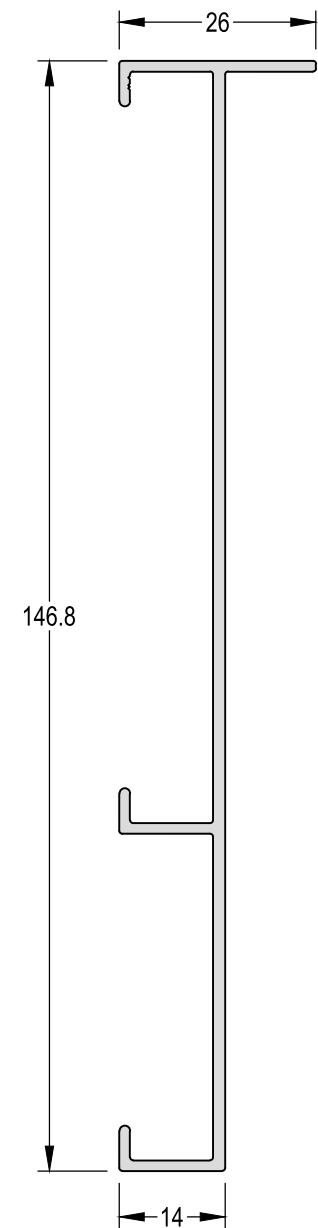
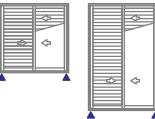
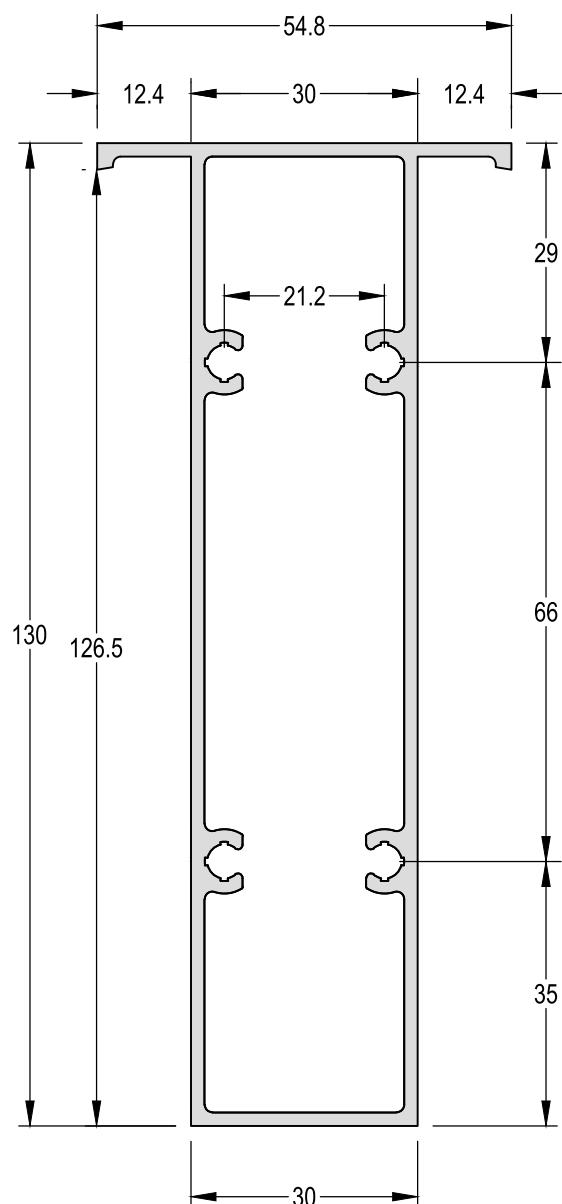
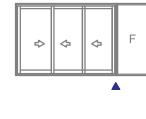
**Travessa Intermediária Bandeira**
**LG-004**
**2,024 Kg/m**

**Travessa Intermediária Peitoril**
**LG-117**
**1,969 Kg/m**


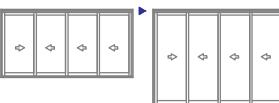
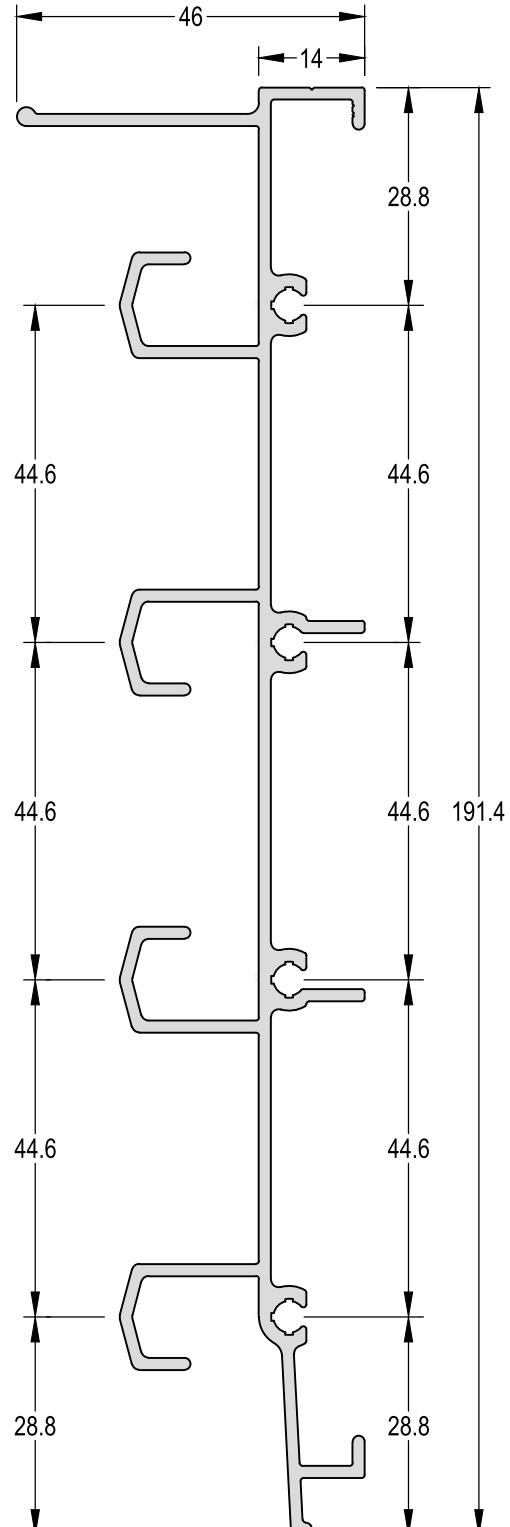
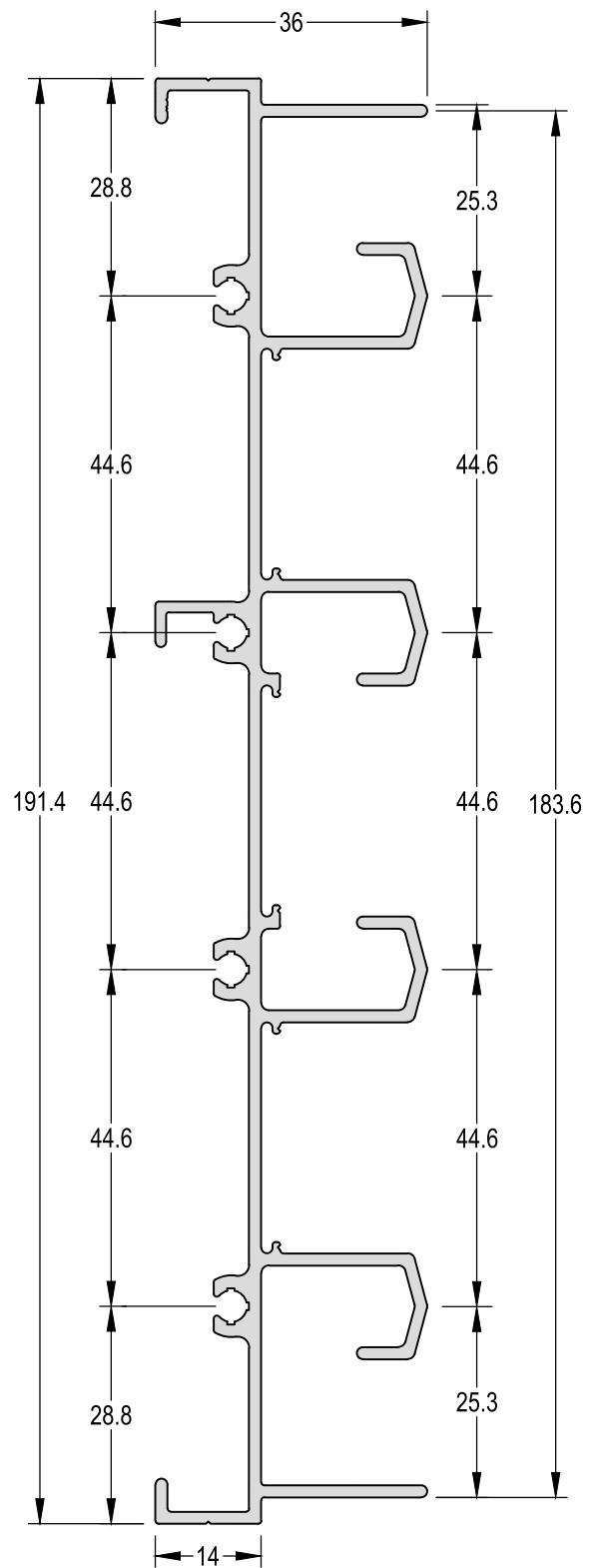
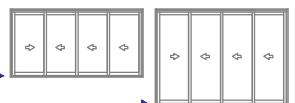
**Marco Lateral 02 Planos**
**LG-002**
**0,639 Kg/m**

**Coluna**
**LG-176**
**1,464 Kg/m**


**Marco Superior 03 Planos**
**LG-062**
**1,746 Kg/m**

**Marco Bandeira / Peitoril**
**LG-234**
**1,073 Kg/m**

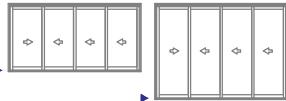

**Marco Inferior 03 Planos**
**LG-116**
**1,570 Kg/m**

**Marco Inferior 03 Planos**
**LG-316**
**1,549 Kg/m**
**Encaixe: LG-311**


**Travessa Intermediária Peitoril**
**JR-007**
**2,516 Kg/m**

**SISTEMA DE ESQUADRAS JURERÊ 32S**

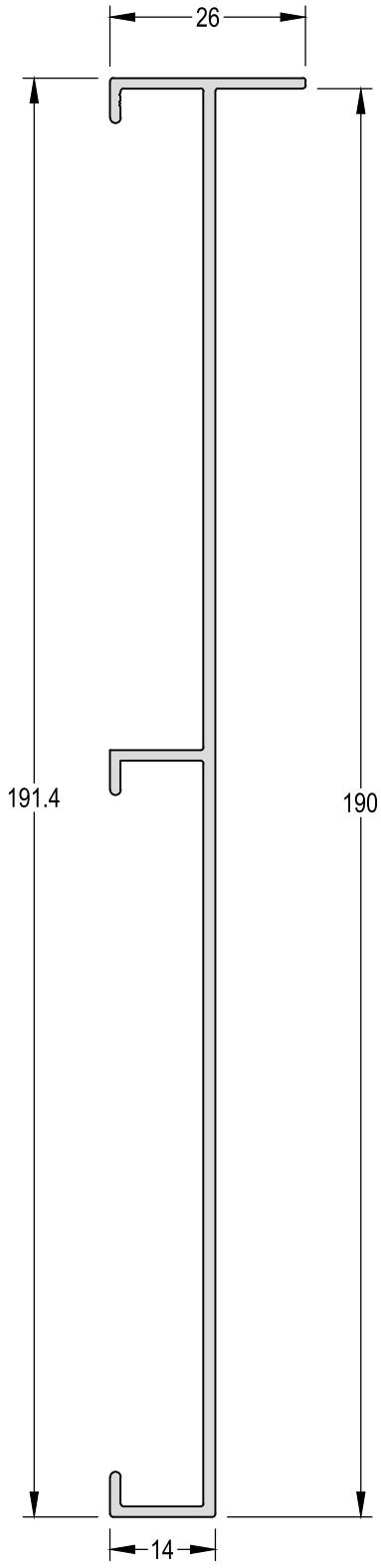
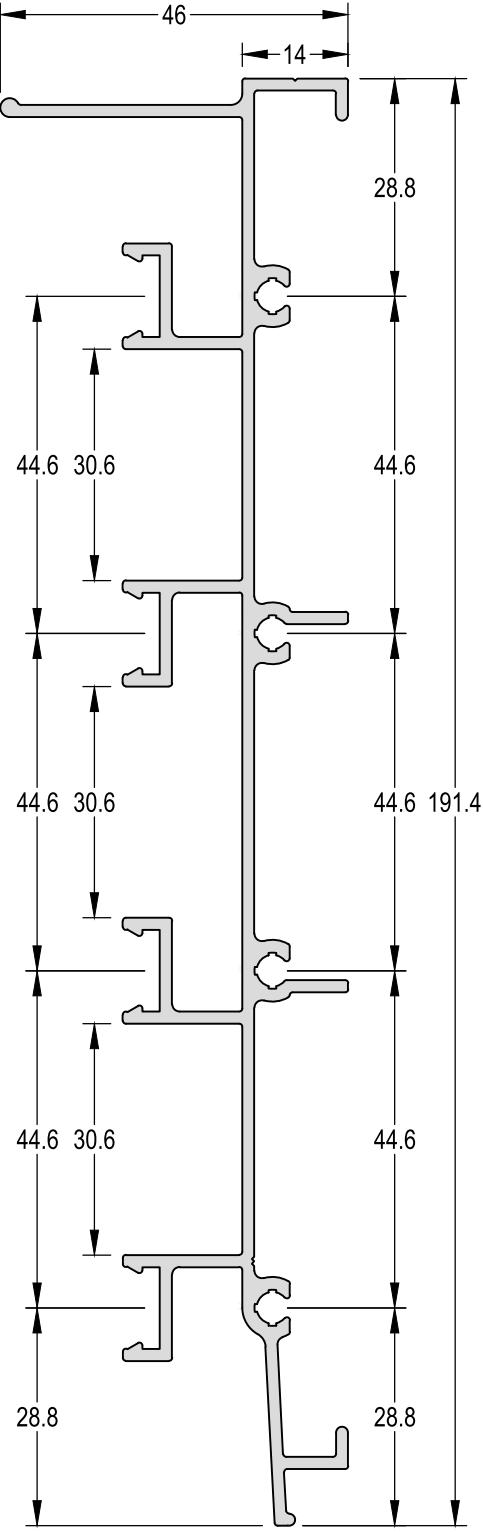
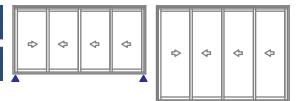
**Marco Lateral 03 Planos**
**LG-158**
**0,874 Kg/m**

**Coluna**
**LG-4210**
**1,914 Kg/m**


**Marco Superior 04 Planos**  
**LG-070** **2,182 Kg/m**

**Marco Inferior 04 Planos**  
**LG-160** **2,010 Kg/m**


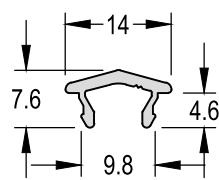
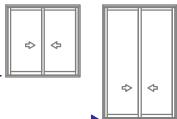
**Marco Inferior 04 Planos**  
**LG-360** **1,988 Kg/m**  
Encaixe: LG-311



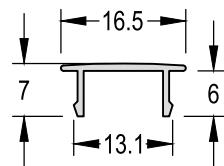
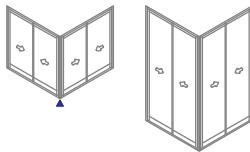
**Marco Lateral Liso 04 Planos**  
**LG-072** **1,067 Kg/m**

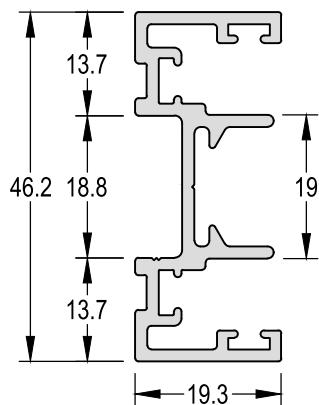
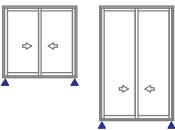
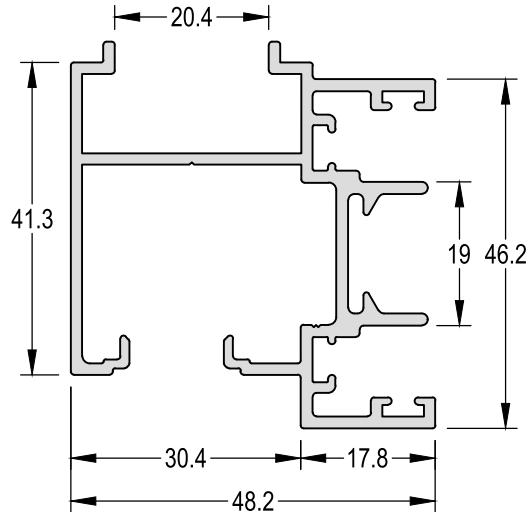
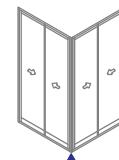
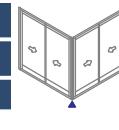
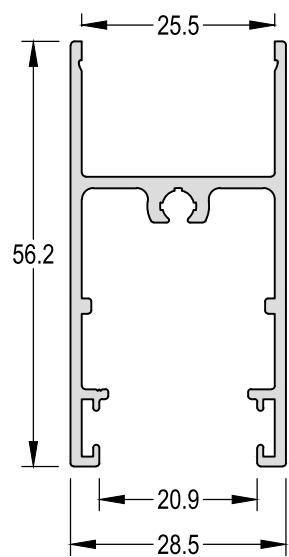
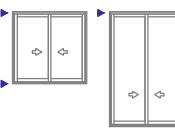
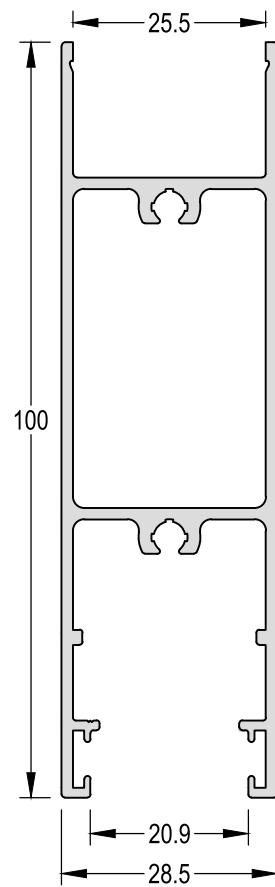


Click do Marco Inferior	
LG-311	0,088 Kg/m
Encaixe: LG-315 / LG-359 / LG-316 LG-360 / LG-372	

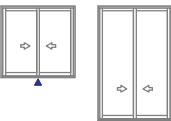


Tampa Mata Junta Canto 90°	
LT-023	0,069 Kg/m
Encaixe: LS-052	

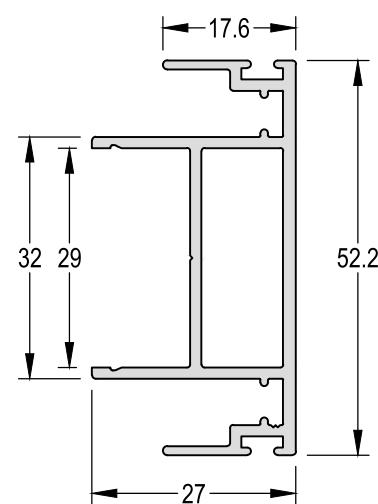


**Mata Junta Lateral / Central**  
**LS-010** **0,640 Kg/m**

**Mata Junta Canto**  
**LS-052** **1,025 Kg/m**  
**Encaixe: LT-023**

**Travessa Horizontal**  
**LS-020** **0,686 Kg/m**  
**Encaixe: LS-051**

**Travessa Horizontal**  
**LS-021** **1,210 Kg/m**  
**Encaixe: LS-051**


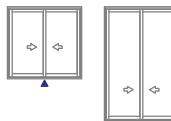
<b>Montante Central</b>	
<b>LS-040</b>	<b>0,593 Kg/m</b>
Encaixe: LS-050	



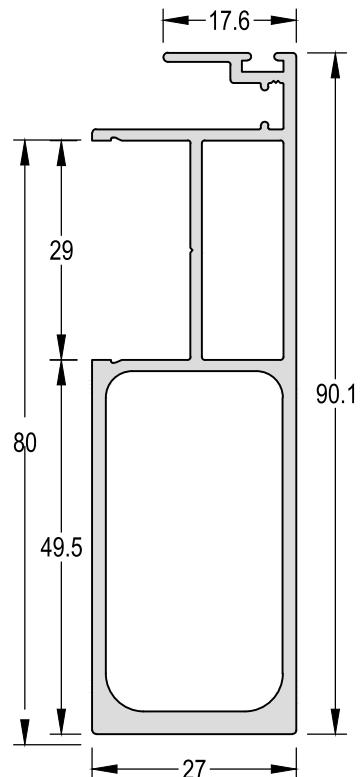
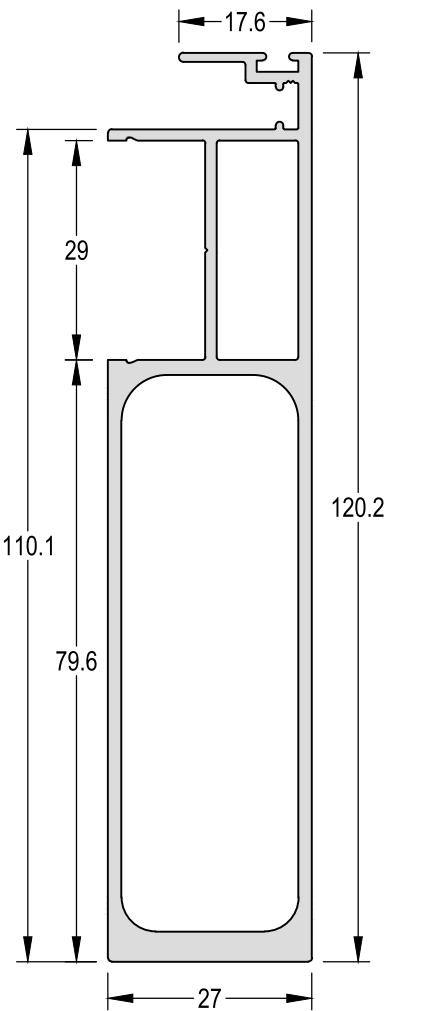
<b>Montante Central Tela Mosquiteira</b>	
<b>LS-043</b>	<b>0,718 Kg/m</b>
Encaixe: LS-050	



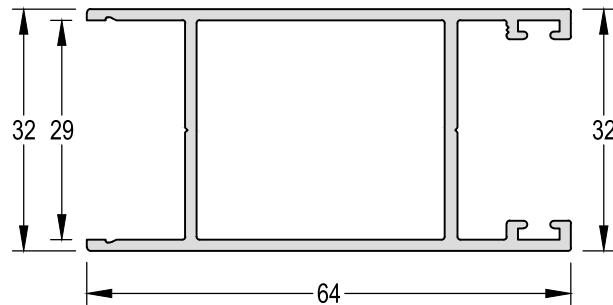
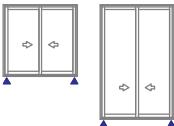
<b>Montante Central Intermediário</b>	
<b>LS-041</b>	<b>1,295 kg/m</b>
Medida Padrão	4600 / 6000mm
Encaixe: LS-050	



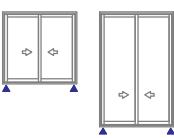
<b>Montante Central Reforçado</b>	
<b>LS-042</b>	<b>1,716 kg/m</b>
Medida Padrão	4600 / 6000 mm
Encaixe: LS-050	



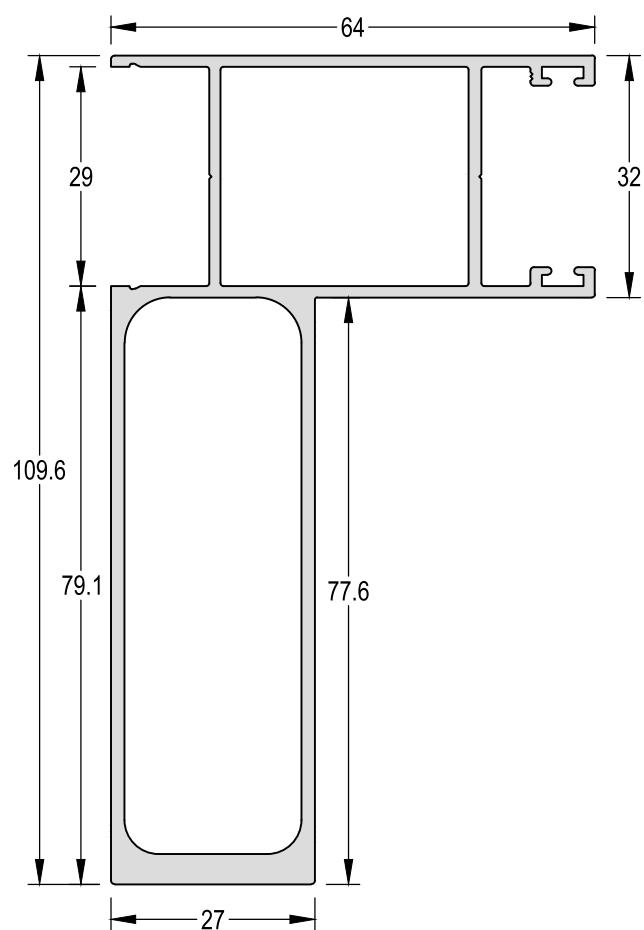
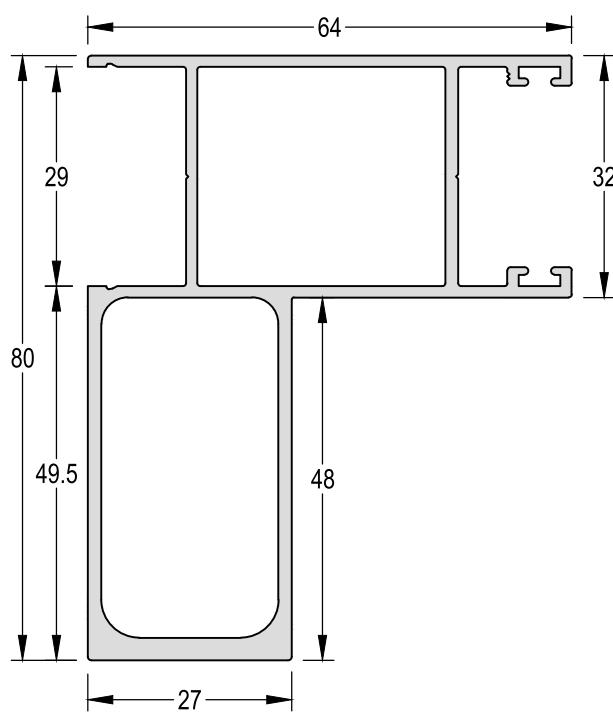
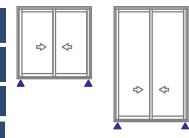
<b>Montante Lateral</b>	
<b>LS-030</b>	<b>0,822 Kg/m</b>
Encaixe: LS-050	



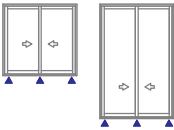
<b>Montante Lateral Intermediário</b>	
<b>LS-031</b>	<b>1,524 kg/m</b>
Medida Padrão	4600 / 6000mm
Encaixe: LS-050	



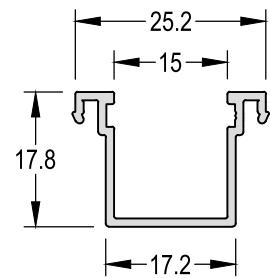
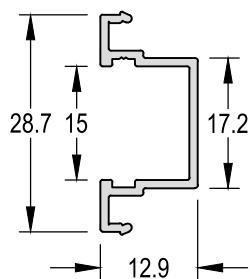
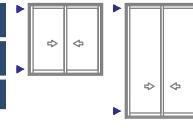
<b>Montante Lateral Reforçado</b>	
<b>LS-032</b>	<b>1,898 kg/m</b>
Medida Padrão	4600 / 6000 mm
Encaixe: LS-050	



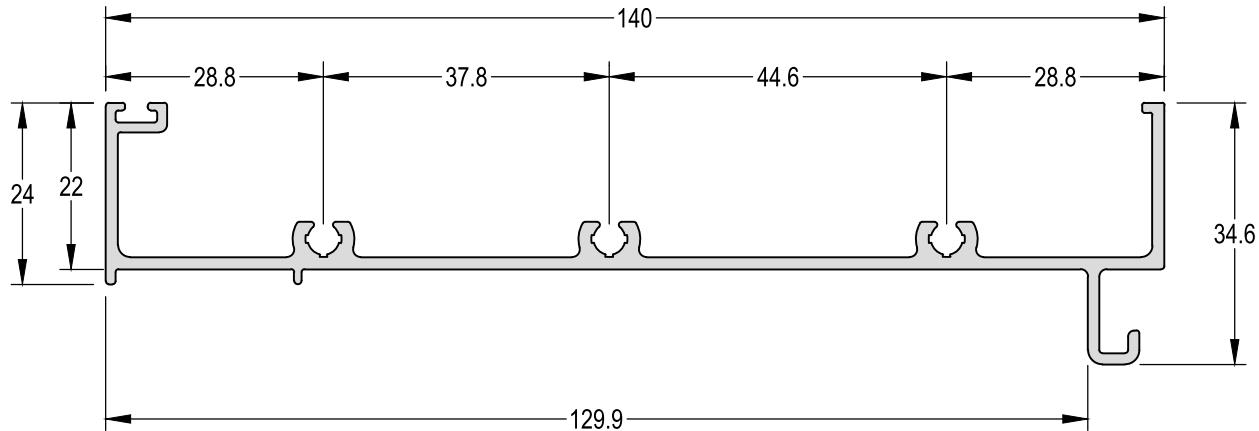
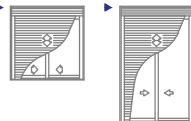
**Compensador Vertical**
**LS-050** 0,182 Kg/m

Encaixe: LS-030/ LS-031/ LS-032/  
LS-040/ LS-041/ LS-042/ LS-043

**Compensador Horizontal**
**LS-051** 0,201 Kg/m

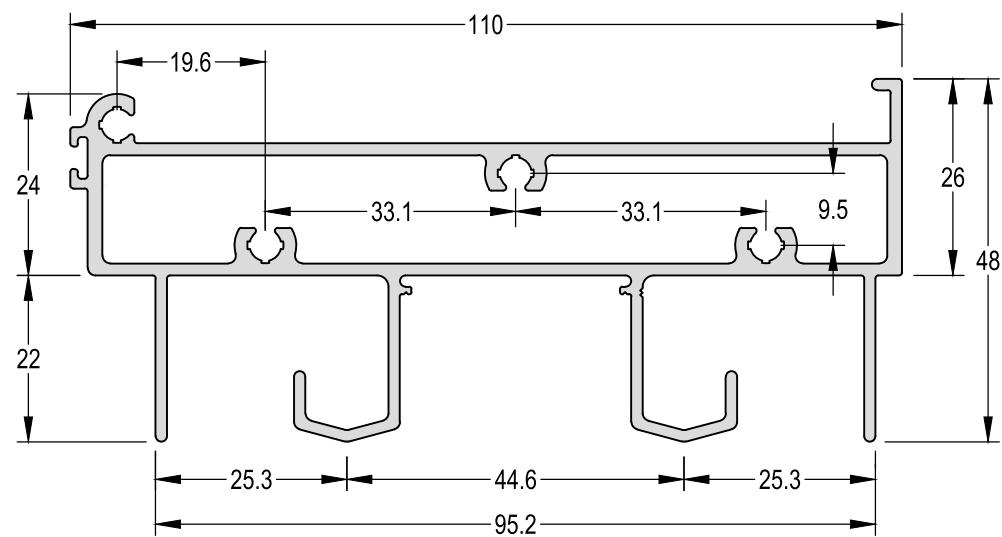
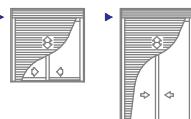
Encaixe: LS-020 / LS-021

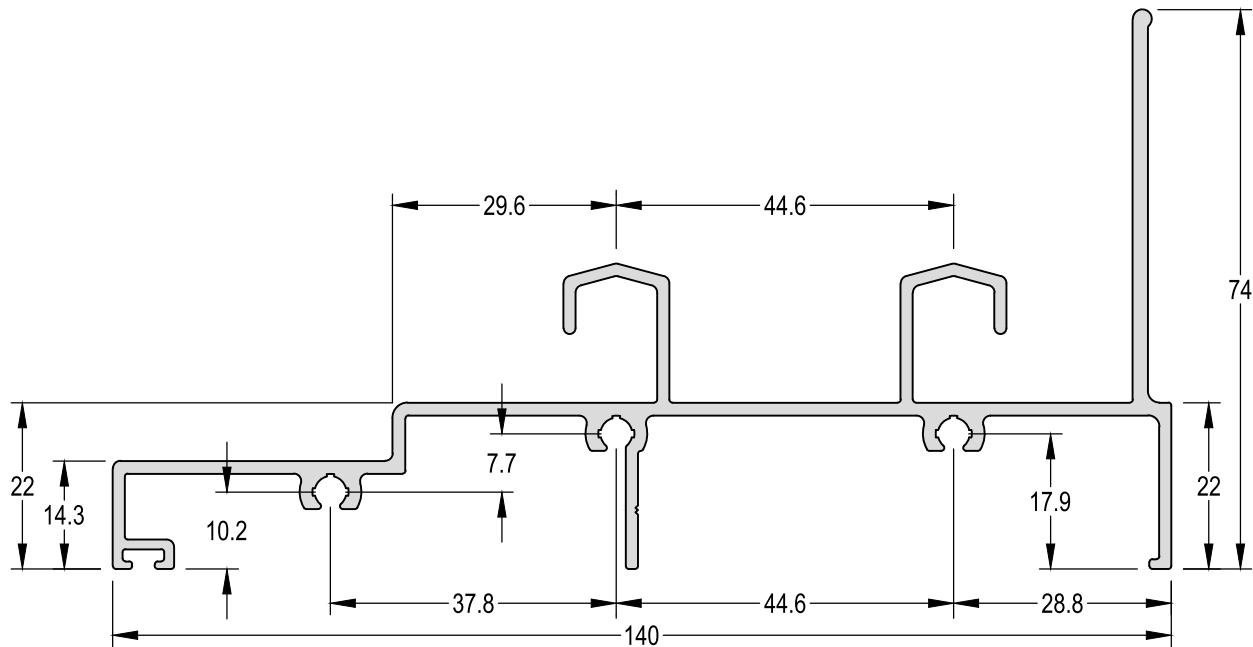
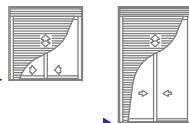
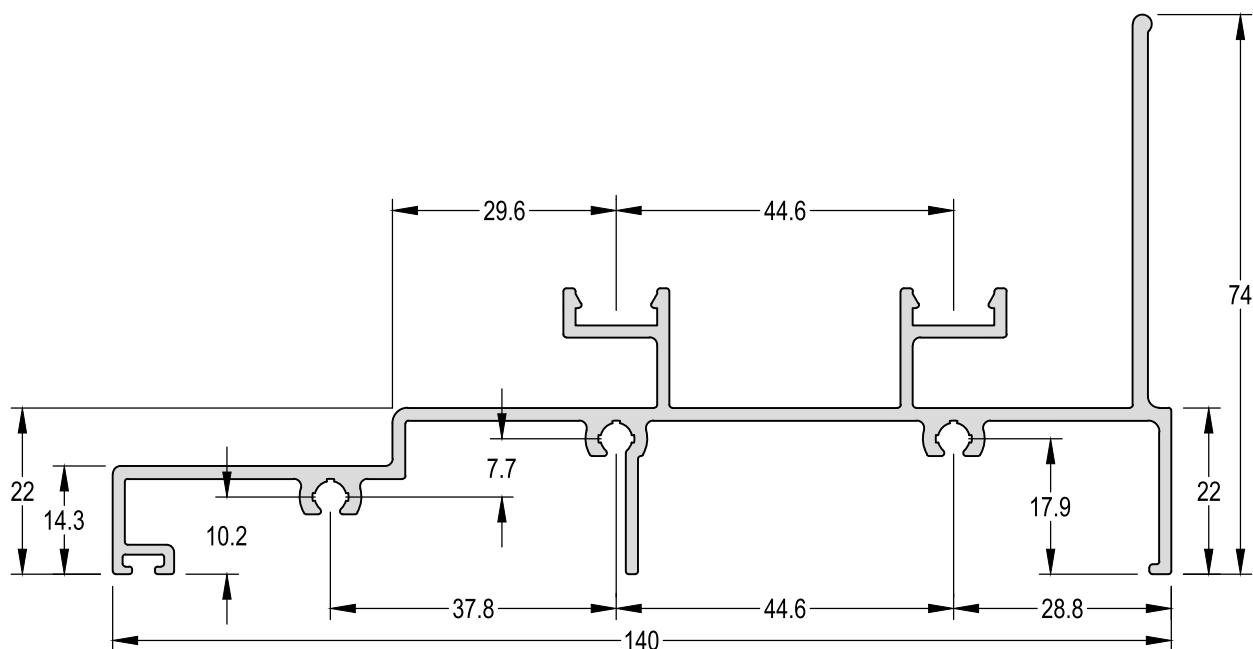
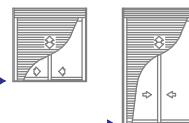


**Marco Superior - Integrada**  
**LG-168** 1,096 Kg/m  
Encaixe: MN-031/ MN-005/ IN-039

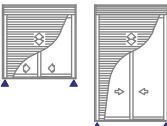


**Travessa Intermediária - Integrada**  
**LG-166** 1,896 Kg/m  
Encaixe: MN-031/ MN-006

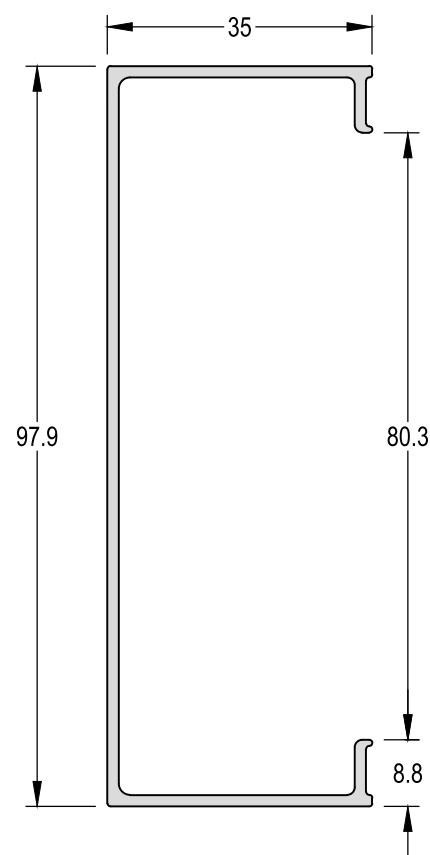
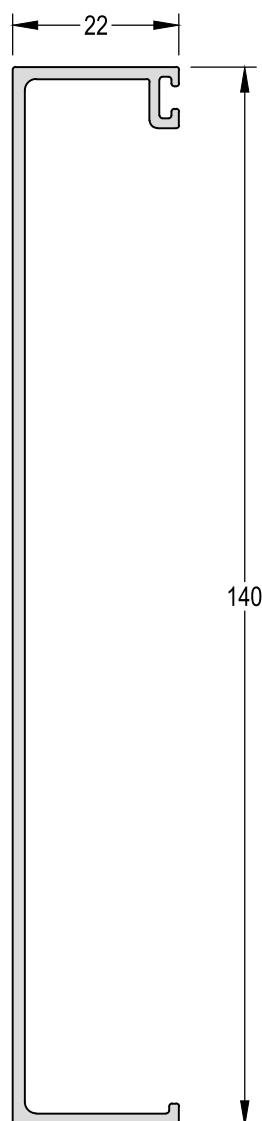
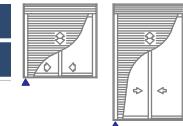


**Marco Inferior - Integrada**
**LG-172**
**1,698 Kg/m**

**Marco Inferior - Integrada**
**LG-372**
**1,687 Kg/m**


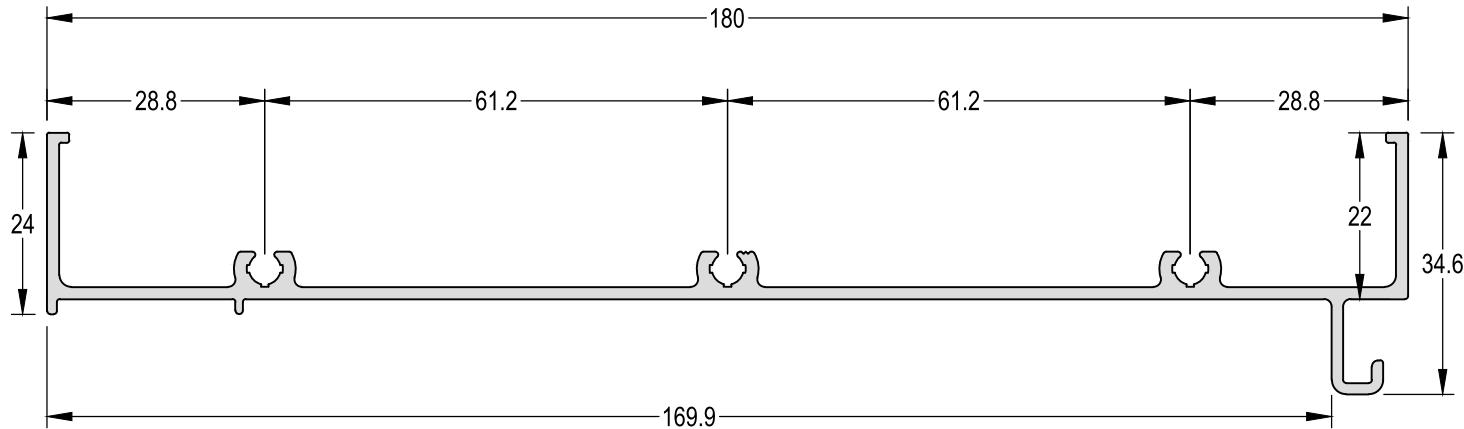
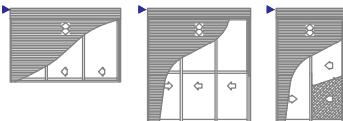
Marco Lateral - Integrada  
LG-170 0,827 Kg/m



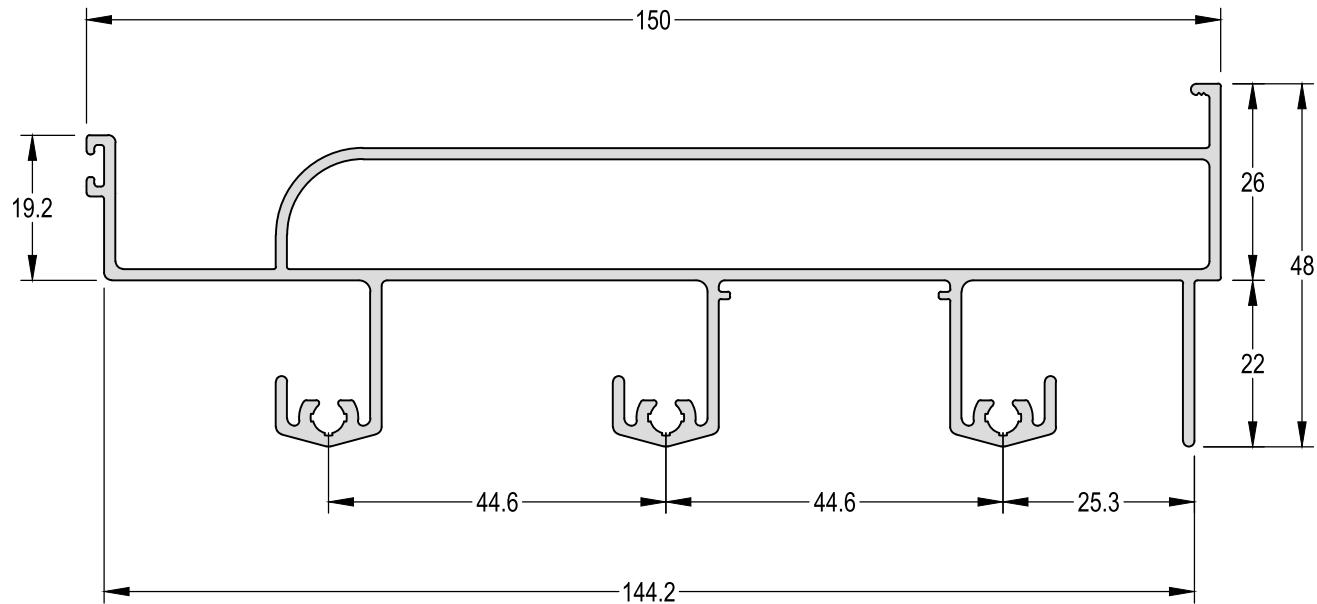
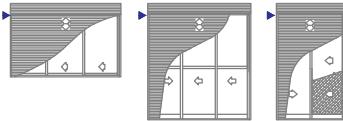
Marco Lateral - Integrada  
MN-050 0,735 Kg/m



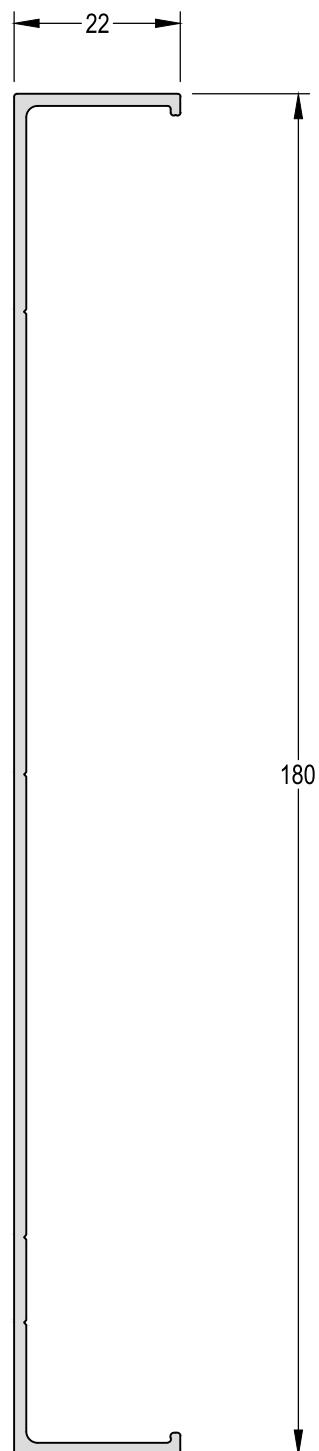
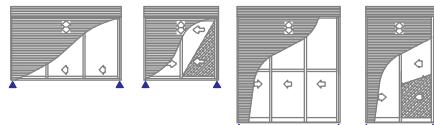
Marco Superior -Integrada	
JR-041	1,238 Kg/m
Encaixe: MN-031 / MN-005 /IN-039	

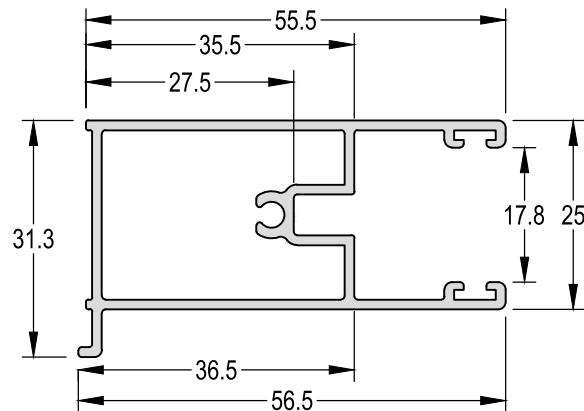
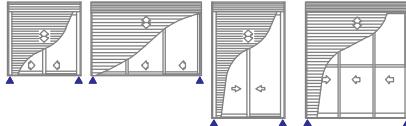
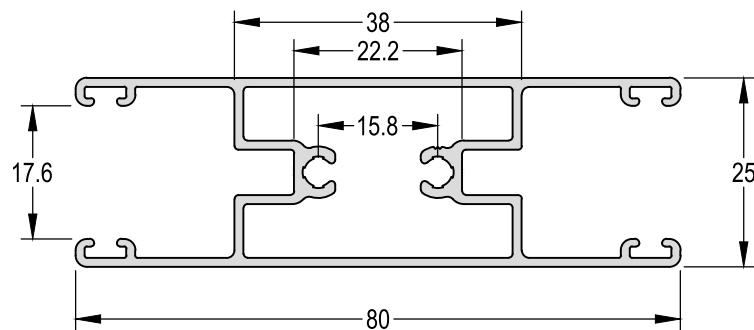
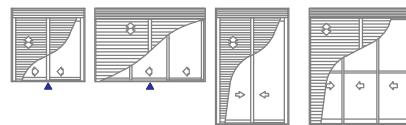


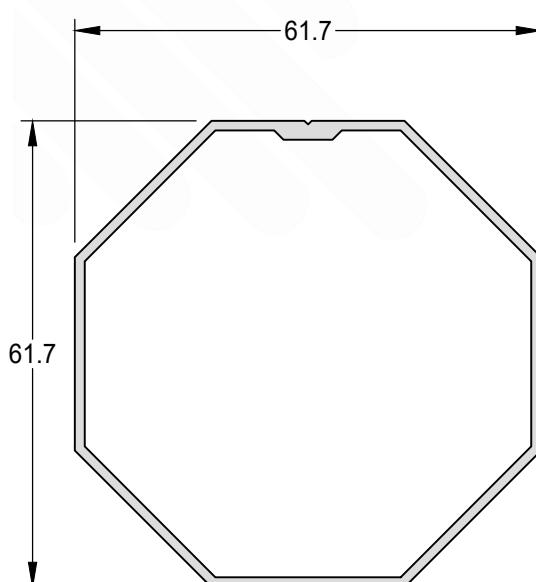
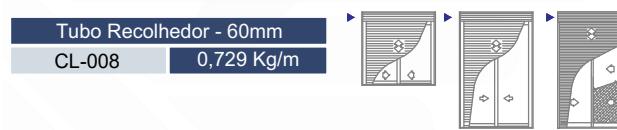
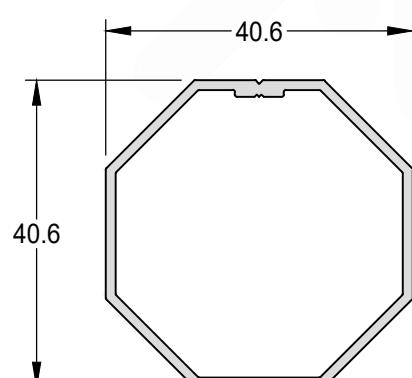
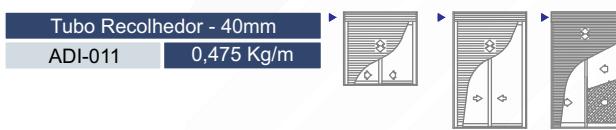
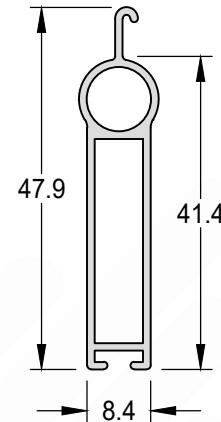
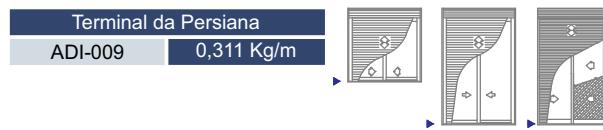
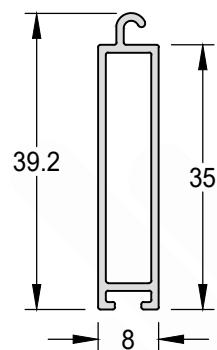
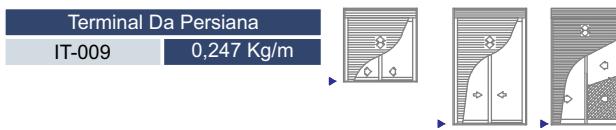
Travessa Intermediária - Integrada	
JR-034	2,054 Kg/m
Encaixe: MN-031/ MN-006	



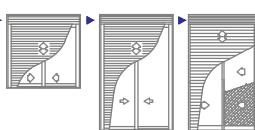
Marco Lateral - Integrada  
JR-035 0,968 Kg/m



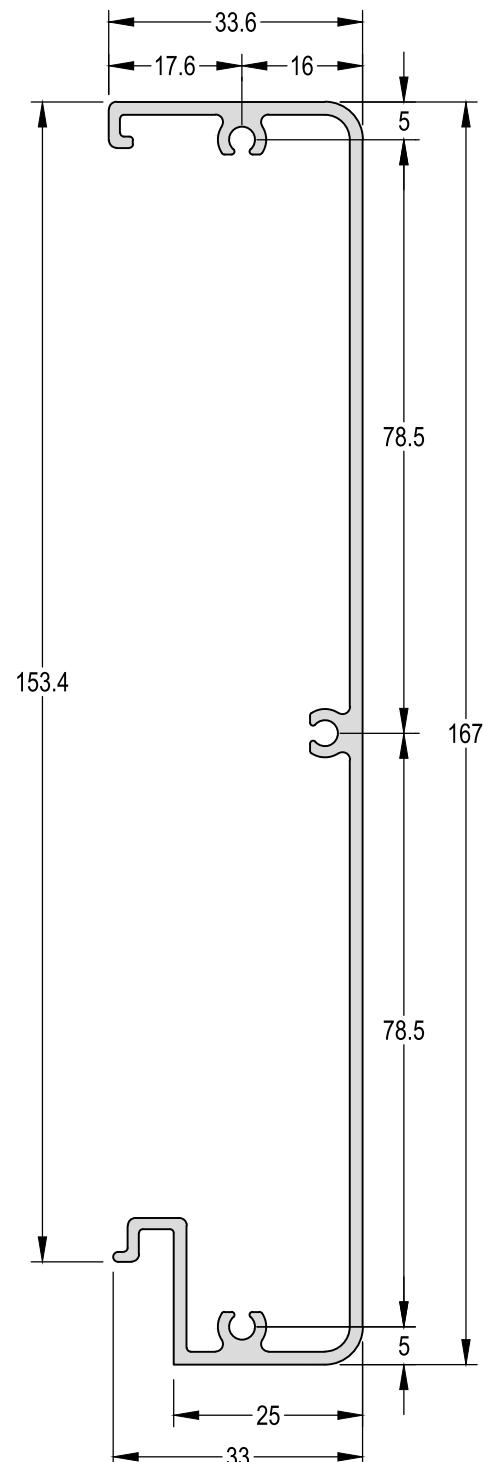
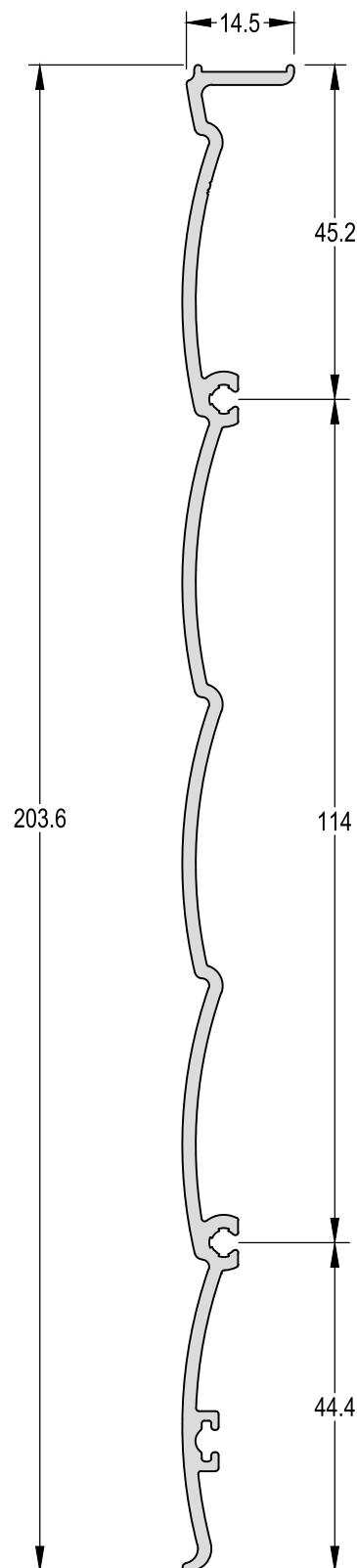
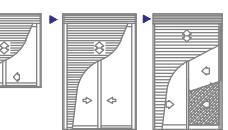
**Guia da Persiana**
**MN-007**
**0,704 Kg/m**

**Guia Duplo Persiana**
**MN-027**
**0,921 Kg/m**




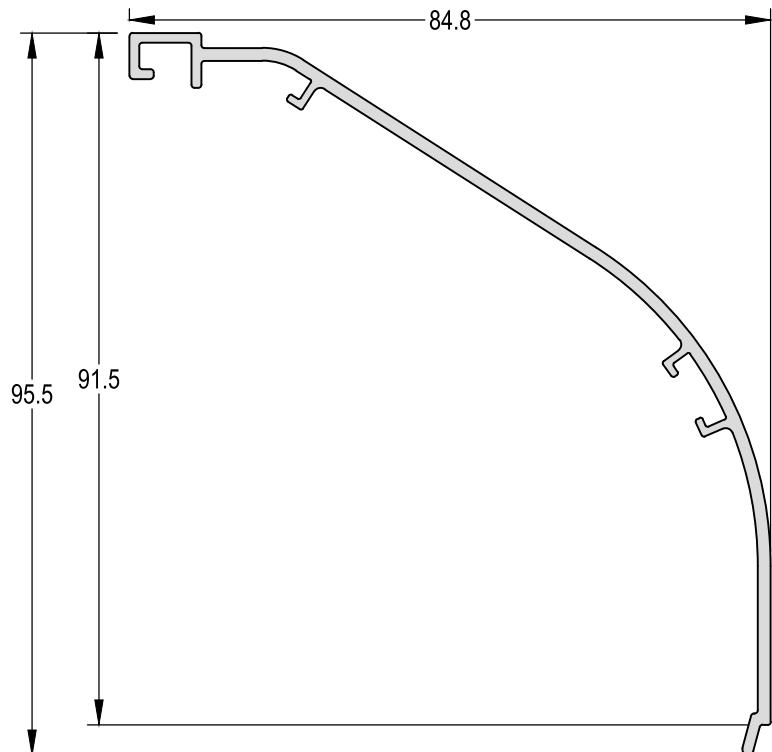
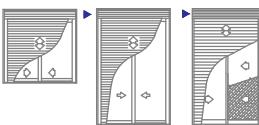
Tampa Externa	IN-039	1,213 Kg/m
Encaixe: LG-168		



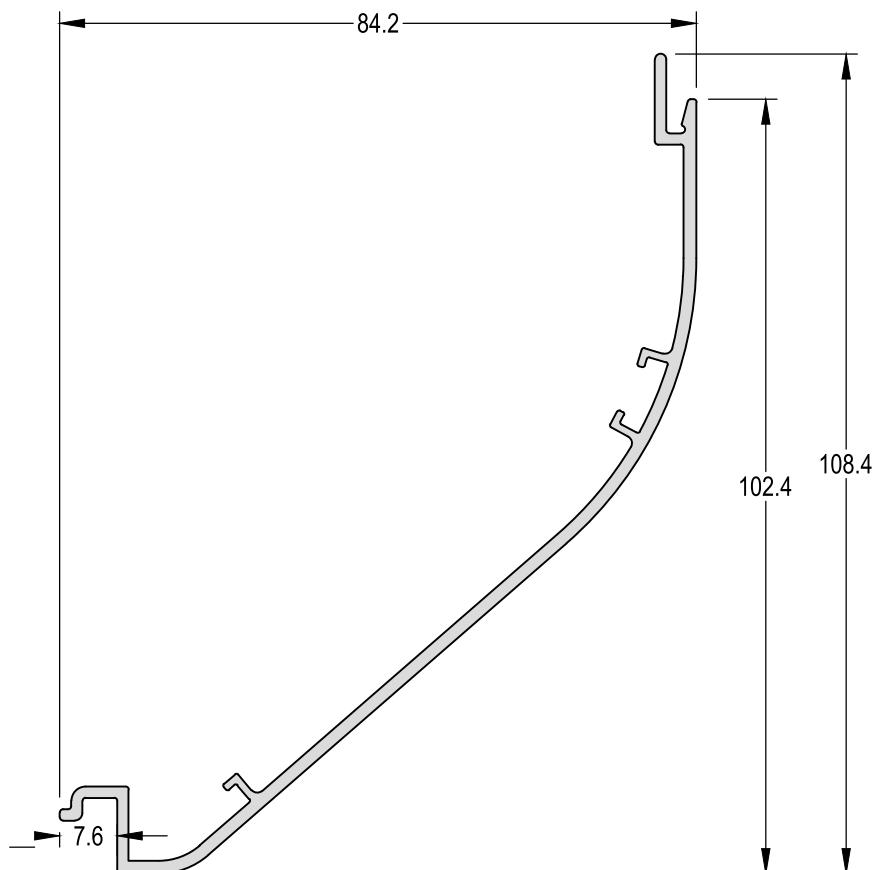
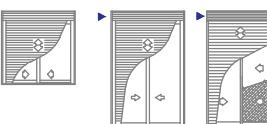
Tampa Interna	MN-031	1,328 Kg/m
Encaixe: LG-168/ LG-166		



<b>Tampa Interna</b>	
<b>MN-005</b>	<b>0,740 Kg/m</b>
Encaixe: MN-006/ LG-168	



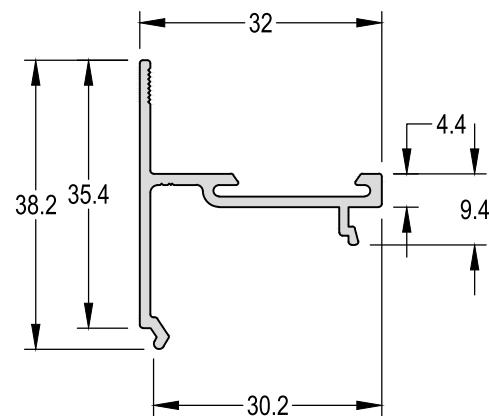
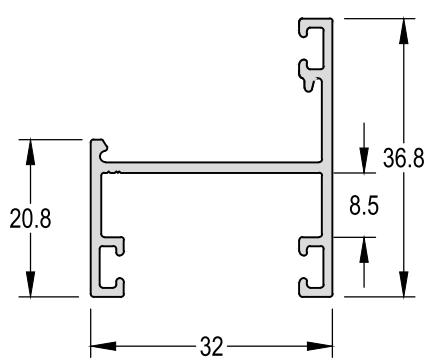
<b>Tampa Interna</b>	
<b>MN-006</b>	<b>0,816 Kg/m</b>
Encaixe: MN-005/ LG-166	



<b>Marco Maxim Ar</b>	
<b>LG-068</b>	<b>0,405 Kg/m</b>
Encaixe: LG-091/ LG-077	



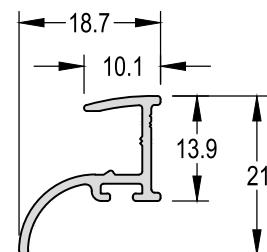
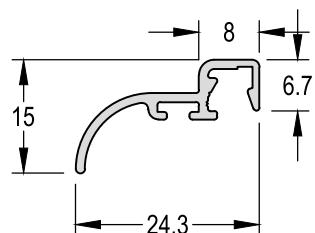
<b>Inversor de Baguetes</b>	
<b>LG-077</b>	<b>0,327 Kg/m</b>
Encaixe: LG-068/ LG-059/ BG-057/ LG-164/ LG-026	



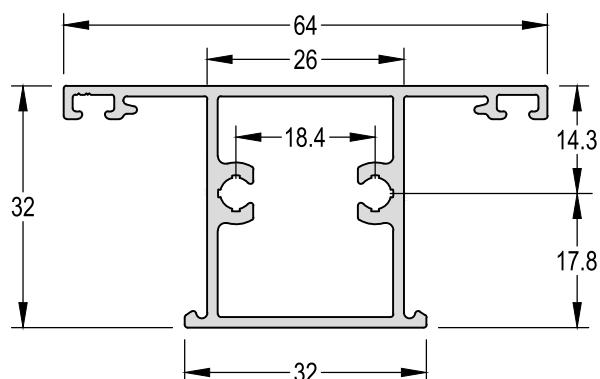
<b>Pingadeira</b>	
<b>LG-091</b>	<b>0,151 Kg/m</b>
Encaixe: LG-068	



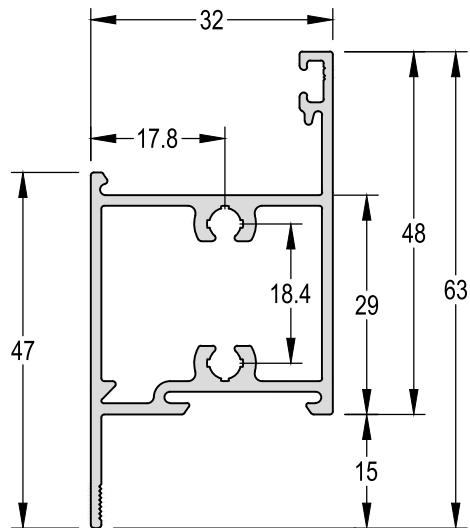
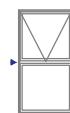
<b>Pingadeira Auxiliar</b>	
<b>LG-092</b>	<b>0,161 Kg/m</b>



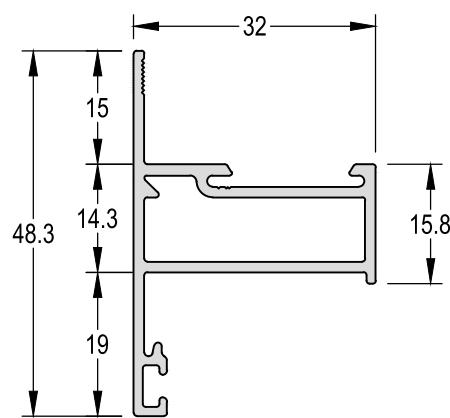
Coluna Maxim Ar	
<b>LG-074</b>	<b>0,763 Kg/m</b>
Encaixe:LG-077	



Coluna/ Travessa	
<b>LG-076</b>	<b>0,767 Kg/m</b>
Encaixe:LG-059/ BG-057/ LG-164/ LG-026/ LG-077	

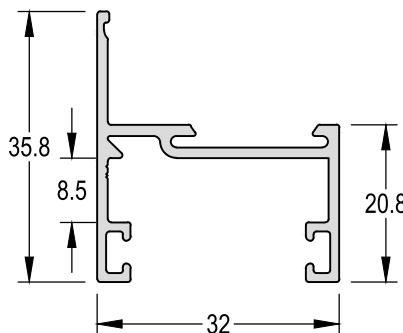


Folha Maxim Ar	
<b>LG-085</b>	<b>0,530 Kg/m</b>
Encaixe:LG-059/ BG-057/ LG-164/ LG-026	



<b>Marco Fixo</b>
LG-083
0,409 Kg/m

Encaixe:LG-059/ BG-057/ LG-164/  
LG-026



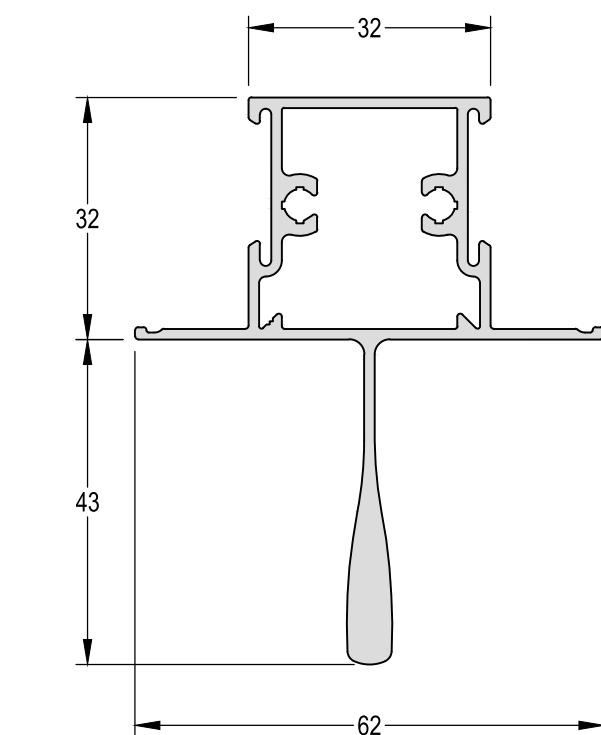
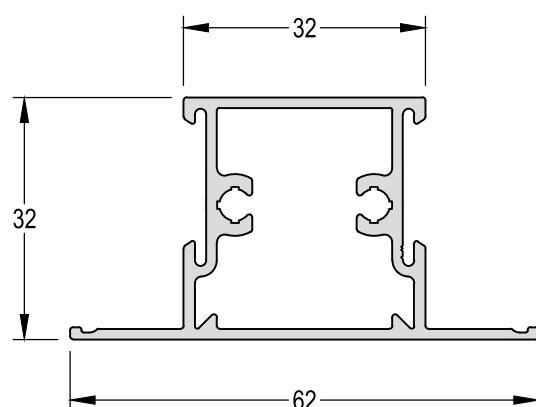
<b>Coluna Fixo</b>
LG-079
0,771 Kg/m

Encaixe:LG-059/ BG-057/ LG-164/  
LG-026



<b>Coluna Fixo</b>
LG-080
1,160 Kg/m

Encaixe:LG-059/ BG-057/ LG-164/  
LG-026



## Baguete Horizontal - 4/5mm

LG-059

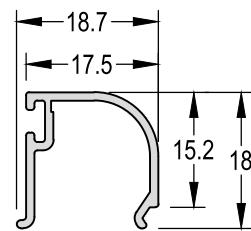
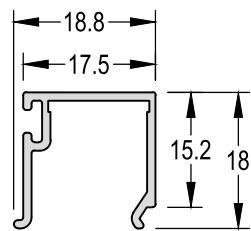
0,171 Kg/m

Encaixe:LG-076/ LG-077/ LG-079/ LG-080  
LG-083

## Baguete Vertical - 4/5mm

LG-164

0,162 Kg/m

Encaixe:LG-076/ LG-077/ LG-079/ LG-080  
LG-083

## Baguete Horizontal - 6/8/10mm

BG-057

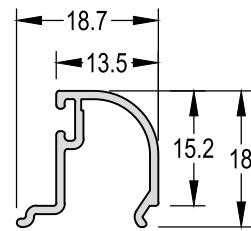
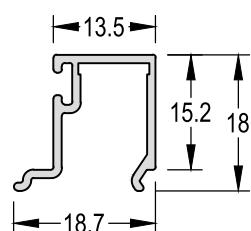
0,169 Kg/m

Encaixe:LG-076/ LG-077/ LG-079/ LG-080  
LG-083

## Baguete Vertical - 6/8/10mm

LG-026

0,160 Kg/m

Encaixe:LG-076/ LG-077/ LG-079/ LG-080  
LG-083

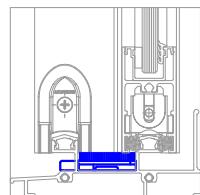
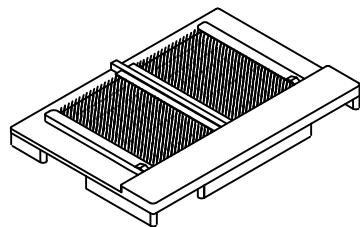
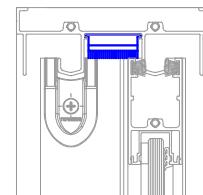
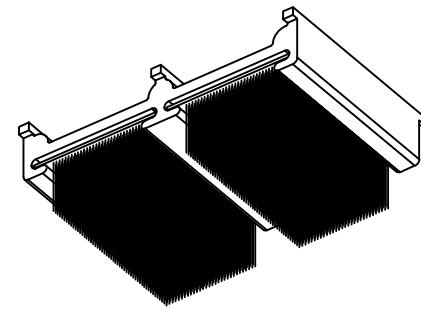
# ÍNDICE DE COMPONENTES

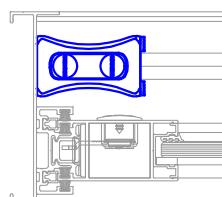
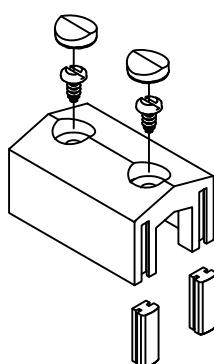
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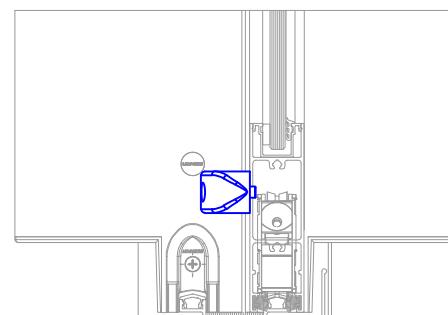
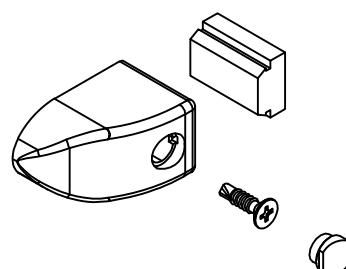
**Caixa de Dreno**
**NYL-395**

Encaixe:LG-024/ LG-315/ LG-159/ LG-359/  
LG-017/ LG-116/ LG-316/ JR-007/ LG-160/  
LG-360/ LG-172/ LG-372

**Vedaçāo Superior**
**CON-381**

Encaixe:LG-044/ LG-004/ LG-062/ LG-070/  
LG-166/ JR-034

**Detalhe De Aplicação  
Sem Escala**

**Detalhe De Aplicação  
Sem Escala**
**Batedeira**
**NYL-398**

Encaixe:LG-024/ LG-315/ LG-159/ LG-359/  
LG-017/ LG-116/ LG-316/ JR-007/ LG-160/  
LG-360/ LG-172/ LG-372/ LG-044/ LG-004/  
LG-062/ LG-070/ LG-166/ JR-034

**Detalhe De Aplicação  
Sem Escala**
**Batedeira Universal**
**BAT-UNI**

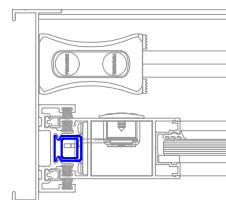
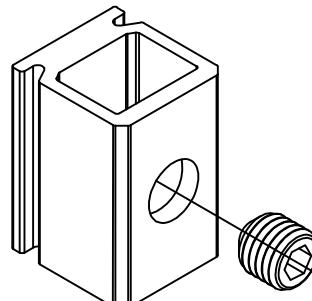
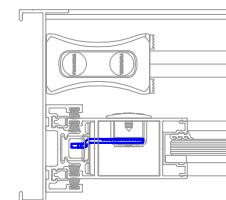
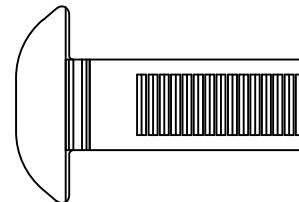
Encaixe:LS-030/ LS-031/ LS-032/ LS-040/  
LS-041/ LS-042/ LS-043

**Detalhe De Aplicação  
Sem Escala**


**Contrafecho Concha**
**ASI-389**

Encaixe:LS-030/ LS-031/ LS-032


**Lingueta Concha S38/4,5 INV 7000**
**TRA-011**

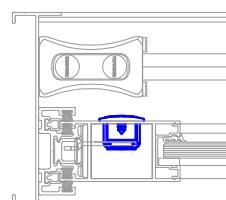
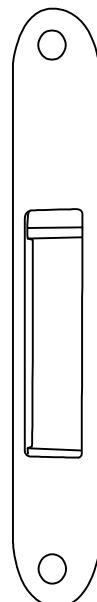
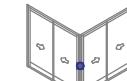
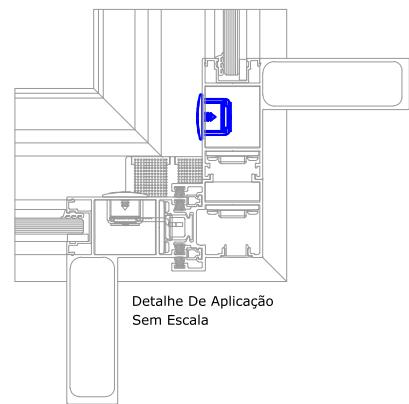
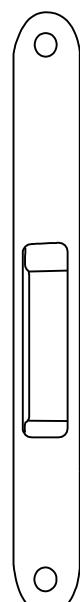
Encaixe:LS-030/ LS-031/ LS-032


**Detalhe De Aplicação  
Sem Escala**

**Detalhe De Aplicação  
Sem Escala**
**Fecho Concha**
**CON-7411**

Encaixe:LS-030/ LS-031/ LS-032


**Concha Cega**
**CON-7311**

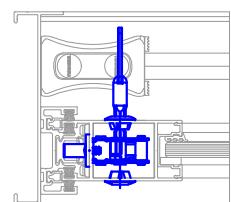
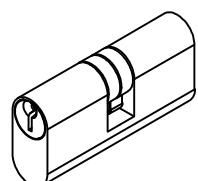
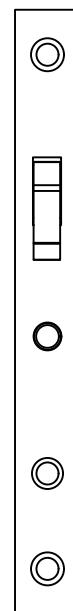
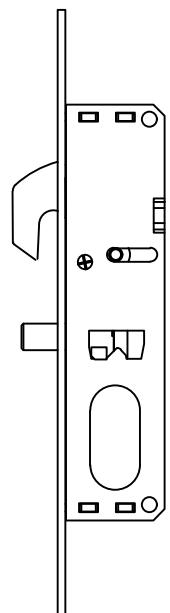
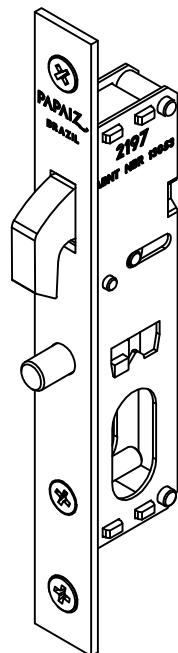
Encaixe:LS-030/ LS-031/ LS-032


**Detalhe De Aplicação  
Sem Escala**

**Detalhe De Aplicação  
Sem Escala**

## Fechadura Correr

FEC-815A

Encaixe:LS-030


 Detalhe De Aplicação  
Sem Escala

## Contrafecho Cremona

CREMONA 1P/2P

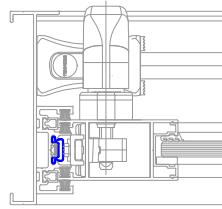
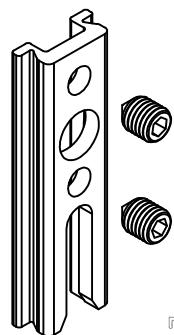
Encaixe:LS-010/ LS-052



## Haste Cremona E25 EVO

CREMONA 1P/2P

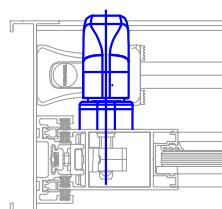
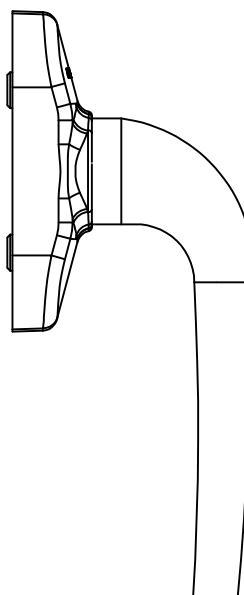
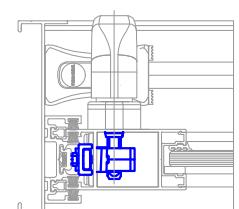
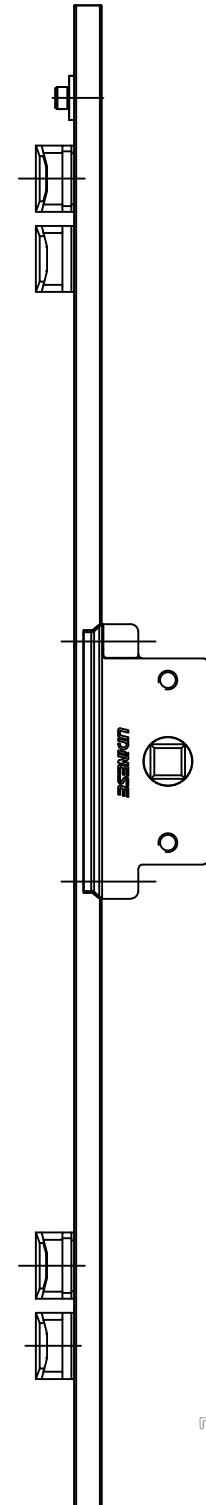
Encaixe:LS-030/ LS-031/ LS-032

Detalhe De Aplicação  
Sem Escala

## Maçaneta Cremona

CREMONA

Encaixe:LS-030/ LS-031/ LS-032

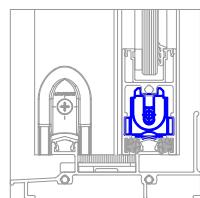
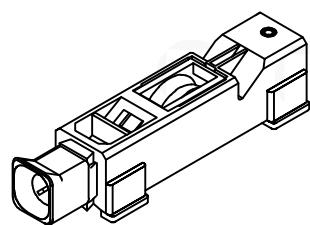
Detalhe De Aplicação  
Sem EscalaDetalhe De Aplicação  
Sem Escala

**Roldana Simples até 40kg**
**ROL-468**

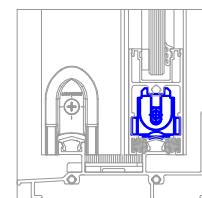
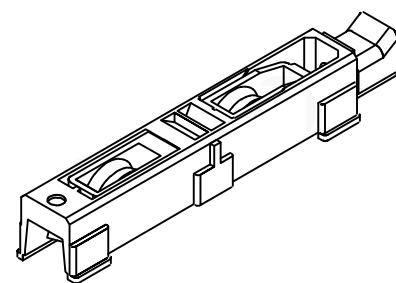
Encaixe:LS-020/ LS-021


**Roldana Dupla até 80kg**
**ROL-413**

Encaixe:LS-020/ LS-021



Detalhe De Aplicação  
Sem Escala



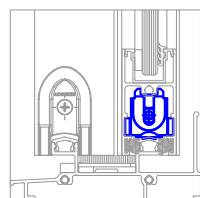
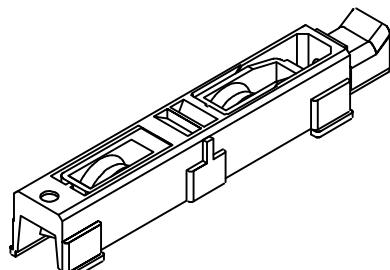
Detalhe De Aplicação  
Sem Escala

**Roldana Dupla até 200kg**
**UDIPLUS**

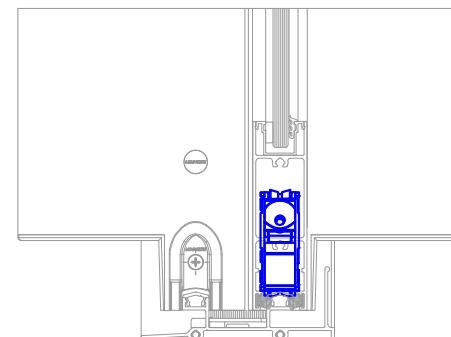
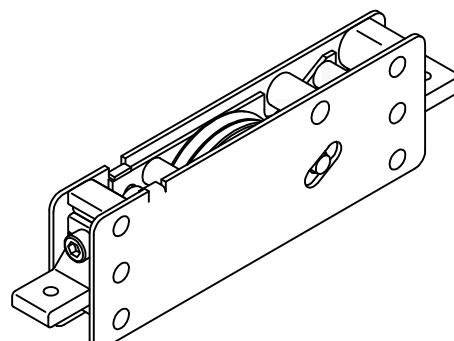
Encaixe:LS-020/ LS-021


**Roldana Strong até 150kg**
**UDISUPER**

Encaixe:LS-021



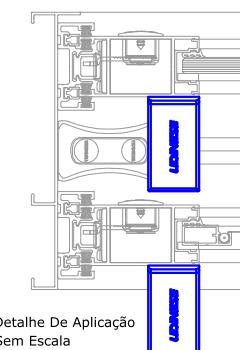
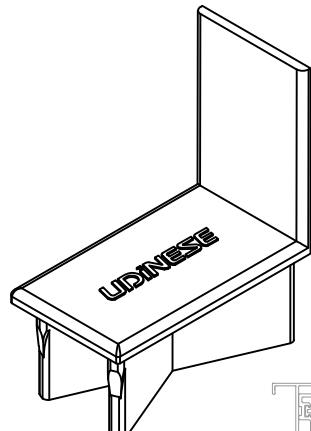
Detalhe De Aplicação  
Sem Escala



Detalhe De Aplicação  
Sem Escala

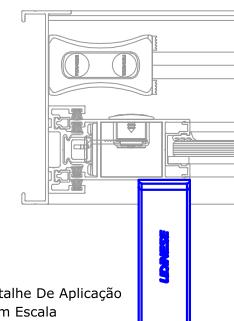
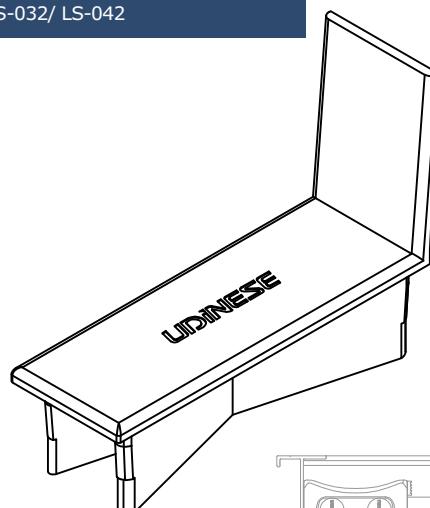
**Tampa Montante Intermediário**
**TAM-107**

Encaixe:LS-031/ LS-041


Detalhe De Aplicação  
Sem Escala

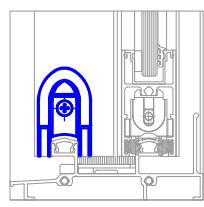
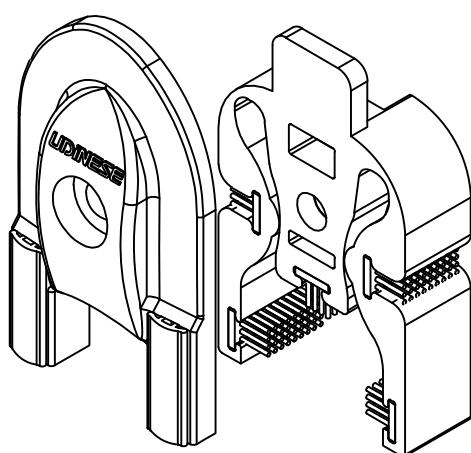
**Tampa Montante Reforçado**
**TAM-203**

Encaixe:LS-032/ LS-042


Detalhe De Aplicação  
Sem Escala

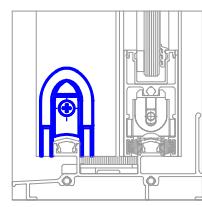
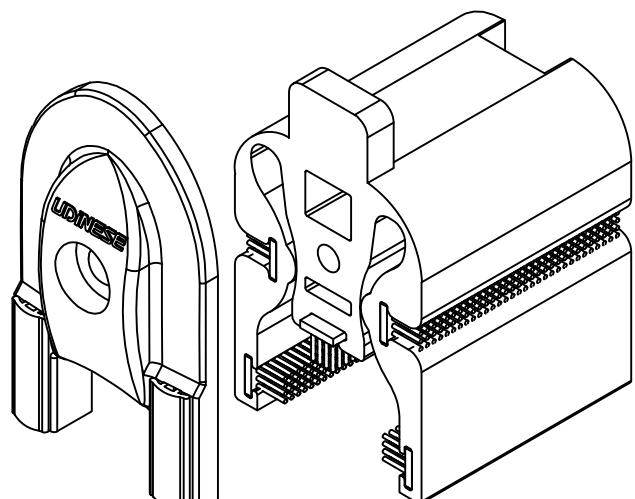
**Guia Deslizante 10mm**
**GUI-028**

Encaixe:LS-040/ LS-041/ LS-042/ LS-043


Detalhe De Aplicação  
Sem Escala

**Guia Deslizante 32mm**
**GUI-026**

Encaixe:LS-030/ LS- 031/ LS-032

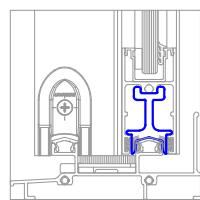
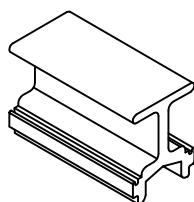

Detalhe De Aplicação  
Sem Escala

**Calço da Folha Fixa**
**NYL-394**

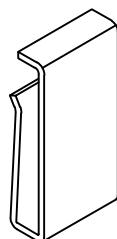
Encaixe:LS-020/ LS-021

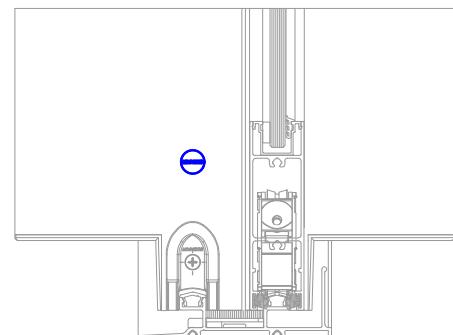

**Presilha do Arremate**
**NYL-190**

Indica-se a utilização a cada 450mm



Detalhe De Aplicação  
Sem Escala

**Capa Proteção Contra Fecho**  
**Fecho Concha - ASI389**

**Tapa Furo**
**NYL-042**

Encaixe:LS-030/ LS-031/ LS-032/ LS-040/  
LS-041/ LS-042/ LS-043


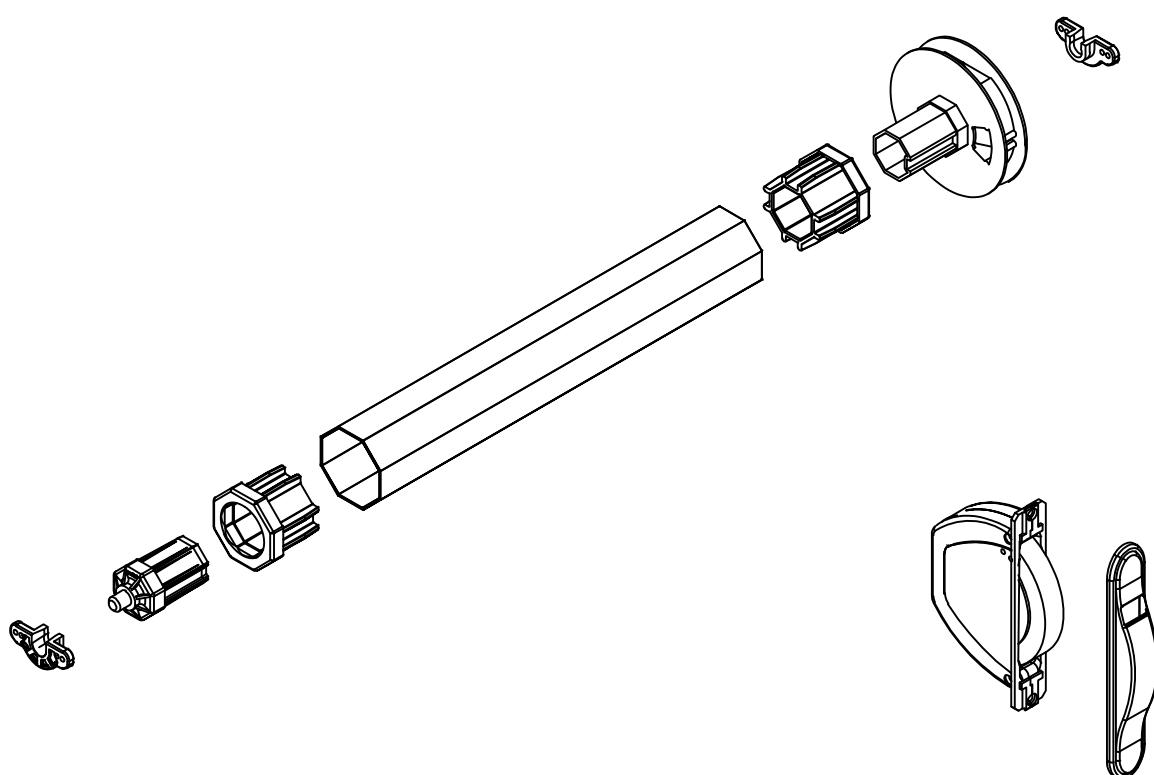
Detalhe De Aplicação  
Sem Escala



Recolhedor Integrada Manual  
REC-8158

## Observações:

- \* Para montagem com o tubo recolhedor de 40mm (ADI-011), seguir a mesma ordem de montagem desconsiderando os adaptadores para tubo de 60mm.



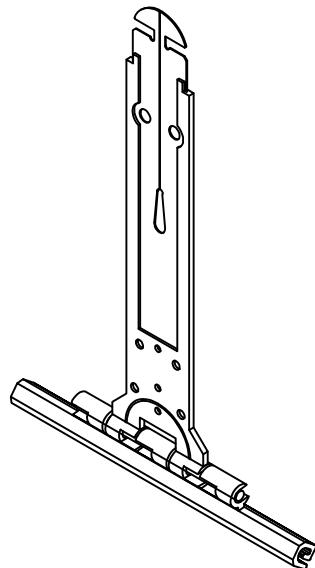
Fixador da Esteira  
FIXESTEIRA



Guia da Persiana

NYL-370

Encaixe: MN-007/ MN-027



Guia e Limitador  
NYL-369

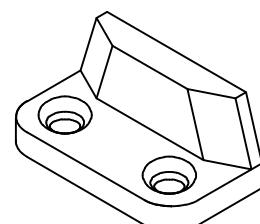
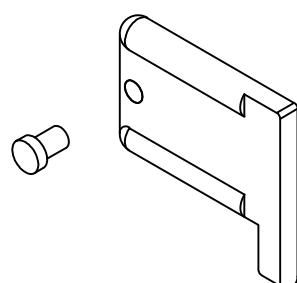
Encaixe: ADI-009



Limitador Persiana

GUI-010

Encaixe: ADI-009/ IT-009



Guia da Cinta

GUICINFRO

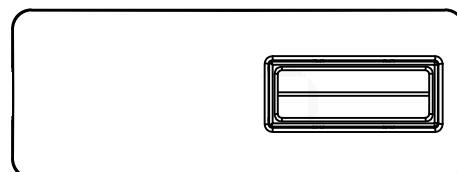
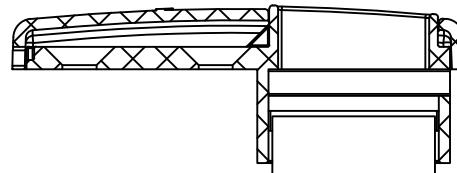
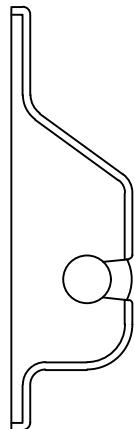
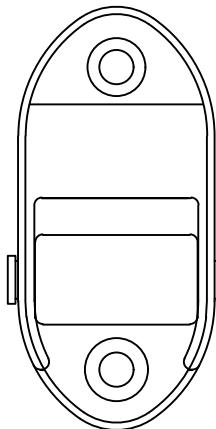
Encaixe: MN-005/ MN-006/ MN-031



Guia da Cinta

GUICININF

Encaixe: MN-031



Palheta Integrada

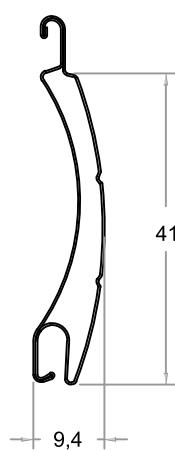
VZP041/ VZC041



Tampa da Palheta

TAMPAUDIAL 41

Encaixe: VZP-041/ VZC-041



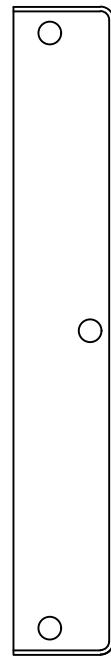
## Observações:

\* Para saber a medida máxima, consulte o capítulo Dimensões Integradas para obter o diâmetro máximo de rolo útil, após consulte o fabricante da persiana.

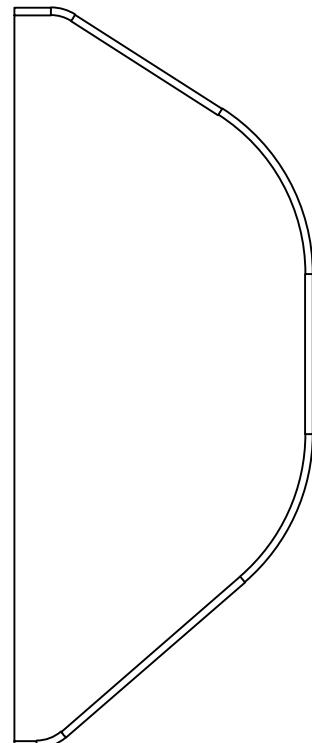
\* V Z P 0 4 1 - Palheta P e r f u r a d a  
\* V Z C 0 4 1

**Tampa de Acabamento Lateral****NYL 382**

Encaixe: MN-031

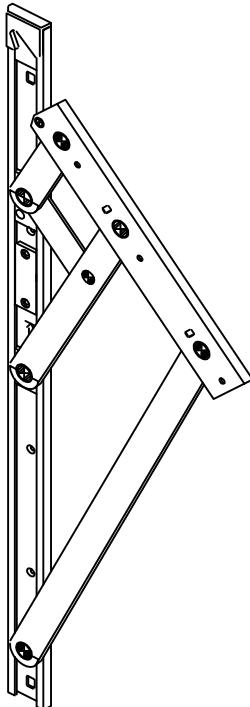
**Tampa de Acabamento Lateral****TPA0132**

Encaixe: MN-005/ MN-006

**JURERÊ 32S****SISTEMA DE ESGUADRÍAS**

**Braço Deslizante Projetante**

**BRA-(ver tabela)**

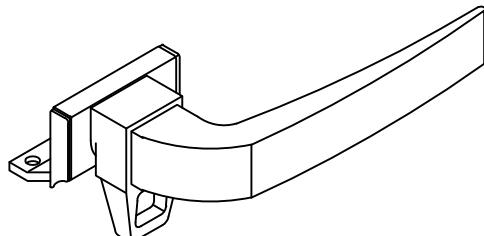
Encaixe:LG-068/ LG-085/ LG-074/  
LG-076


CÓDIGO	DIMENSÃO	LARGURA	ALTURA DA FOLHA	CARGA
	"A"	MÁXIMA (MM)	MÁXIMA (MM)	MÁXIMA (KG)
BRA-766	350	1500	600	22
BRA-767	600	1500	1000	35
BRA-768	950	1500	1200	45

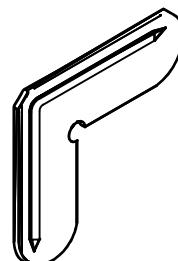
**Fecho Punho Direito e Esquerdo**

**FEC-735**

Encaixe:LG-085


*Para folhas com largura superior a 900mm  
é necessário o uso de 2 fechos por folha.*
**Esquadro de Alinhamento**

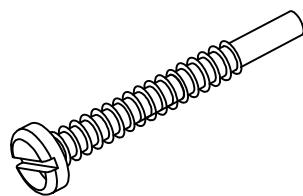
**CON-433**

Encaixe:LG-068/ LG-074/ LG-076/  
LG-085


Parafuso Ponta Guia  
Ø4,8x32mm

PAR-428

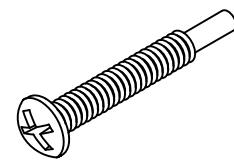
Uso: Montar Marco



Parafuso Ponta Guia  
Ø4,8x50mm

PAR-431

Uso: Montar Folhias



Parafuso A.A Ø4,2x32mm

PAR-694

Uso: Fixação Mata Junta Central /  
Maxim-ar



Parafuso A.A Ø4,2x38mm

PAR-990

Uso: Fixação Mata Junta Central 90°/  
Maxim-ar



Parafuso A.A Ø4,2X16mm

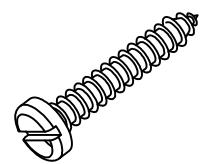
PAR-936

Uso: Fixação Mata Junta Lateral,  
Fixação Presilha Arremate

Parafuso A.A Ø4,2X25mm

PAR-693

Uso: Maxim Ar



Parafuso A.A Ø3,9X6,5mm

PAR-704

Uso: Fixação Pingadeira Auxiliar



Parafuso A.A Ø3,5X9,5mm

PAR-437

Uso: Tampa Integrada Externa -  
Superior

Fita Vedadora 5x6mm

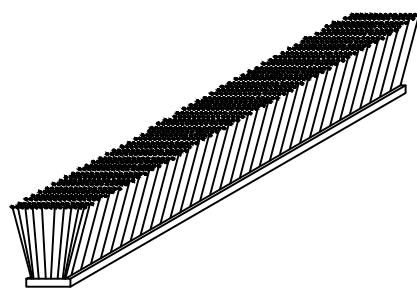
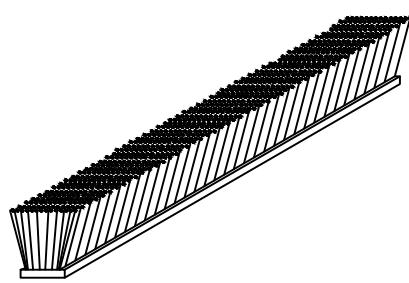
FIT-206

Uso: Montantes Verticais

Fita Vedadora 5x8mm

FIT-212

Uso: Montantes Verticais



Fita Vedadora 5x10mm

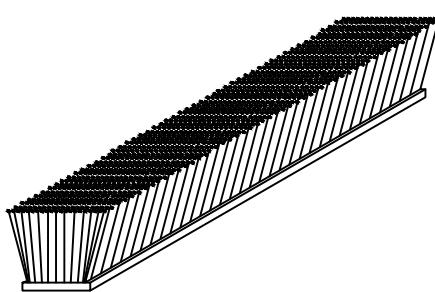
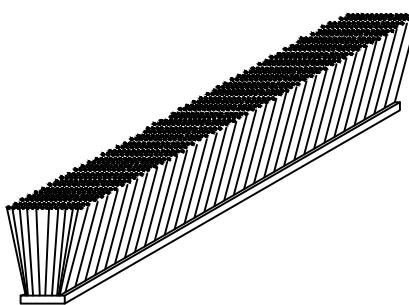
FIT-214

Uso: IN-039/ LG-166/ MN-007/ MN-027  
JR-034

Fita Vedadora 7x8mm  
Sem Barreira

FIT-224

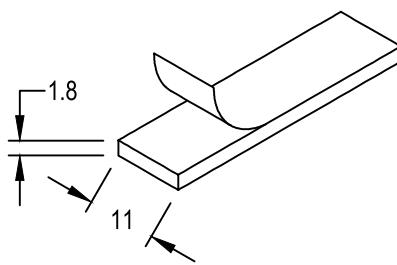
Uso: LS-020/ LS-021



Espuma Adesiva 11x1,8mm

GUA-172

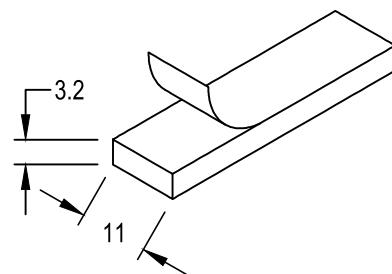
Uso: LS-050/ LS-051/ Fixos/ Maxim-ar



Espuma Adesiva 11x3,2mm

GUA-171

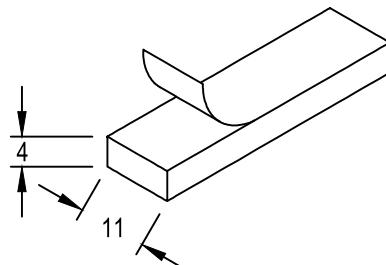
Uso: LS-050/ LS-051



Espuma Adesiva 11x4mm

GUA-258

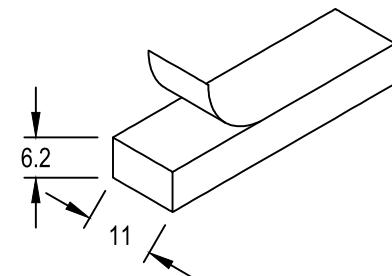
Uso: LS-050/ LS-051



Espuma Adesiva 11x6,2mm

GUA-157

Uso: LS-050/ LS-051

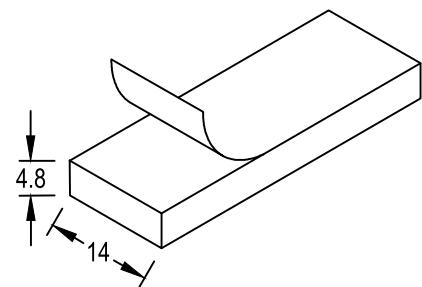
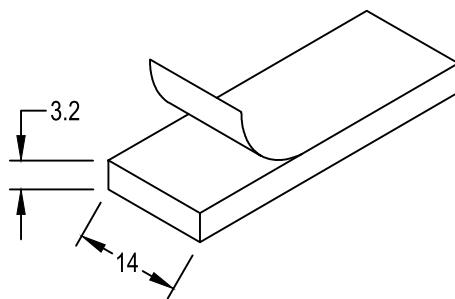


**Espuma Adesiva 14x3,2mm****GUA-305**

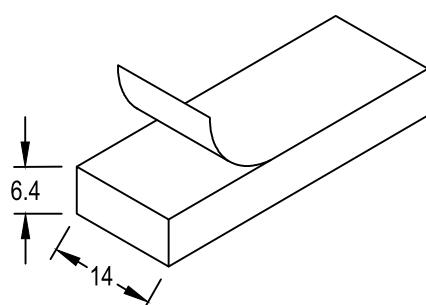
Uso: Fixos/ Maxim-ar

**Espuma Adesiva 14x4,8mm****GUA-306**

Uso: Fixos/ Maxim-ar

**Espuma Adesiva 14x6,4mm****GUA-304**

Uso: Fixos/ Maxim-ar



Guarnição EPDM

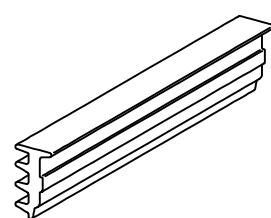
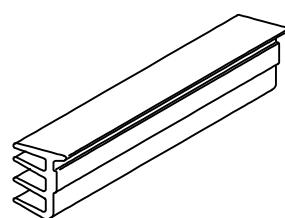
GUA-256

Uso: Vidros

Guarnição EPDM

GUA-259

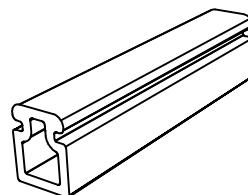
Uso: Vidros



Guarnição EPDM

GUA-003

Uso: LS-010/ LS-052



Guarnição EPDM - Maxim Ar

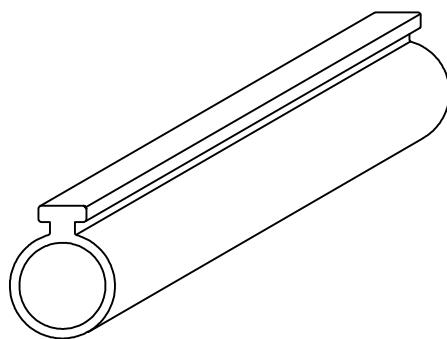
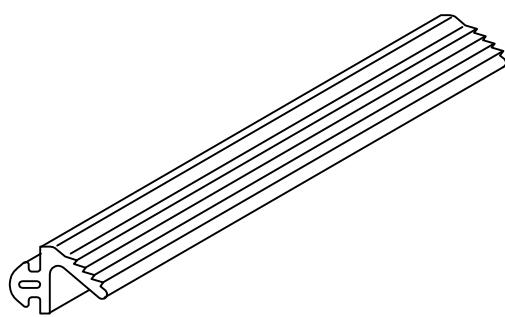
GUA-239

Uso: Folha e Marco Maxim Ar

Guarnição EPDM - Pingadeira

GUA-007

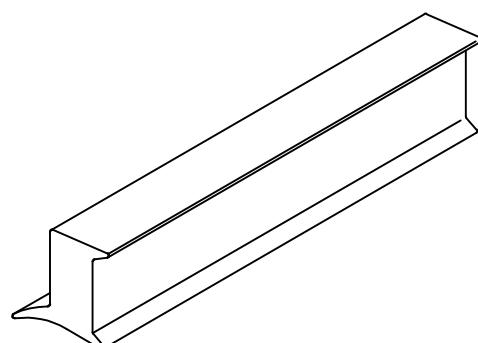
Uso: Pingadeira

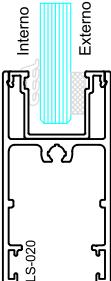
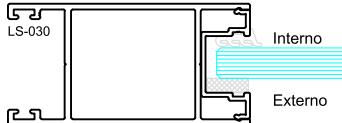
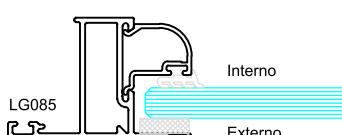
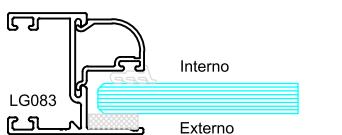


Guarnição da Pingadeira  
Auxiliar

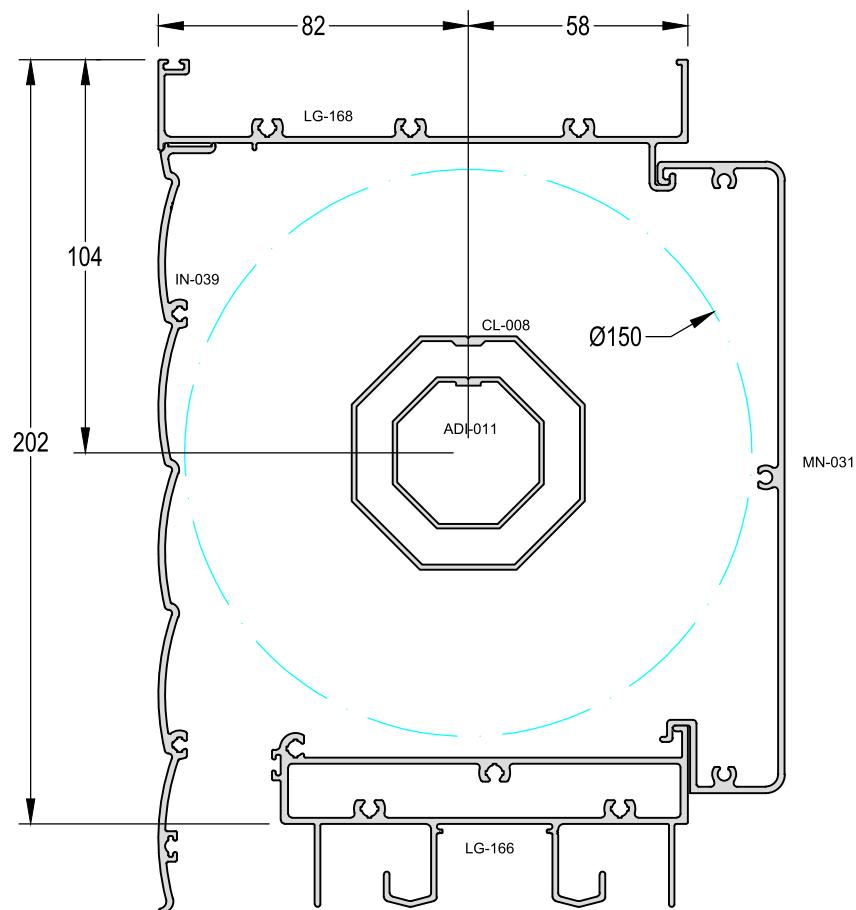
GUA-374

Uso: Pingadeira Auxiliar

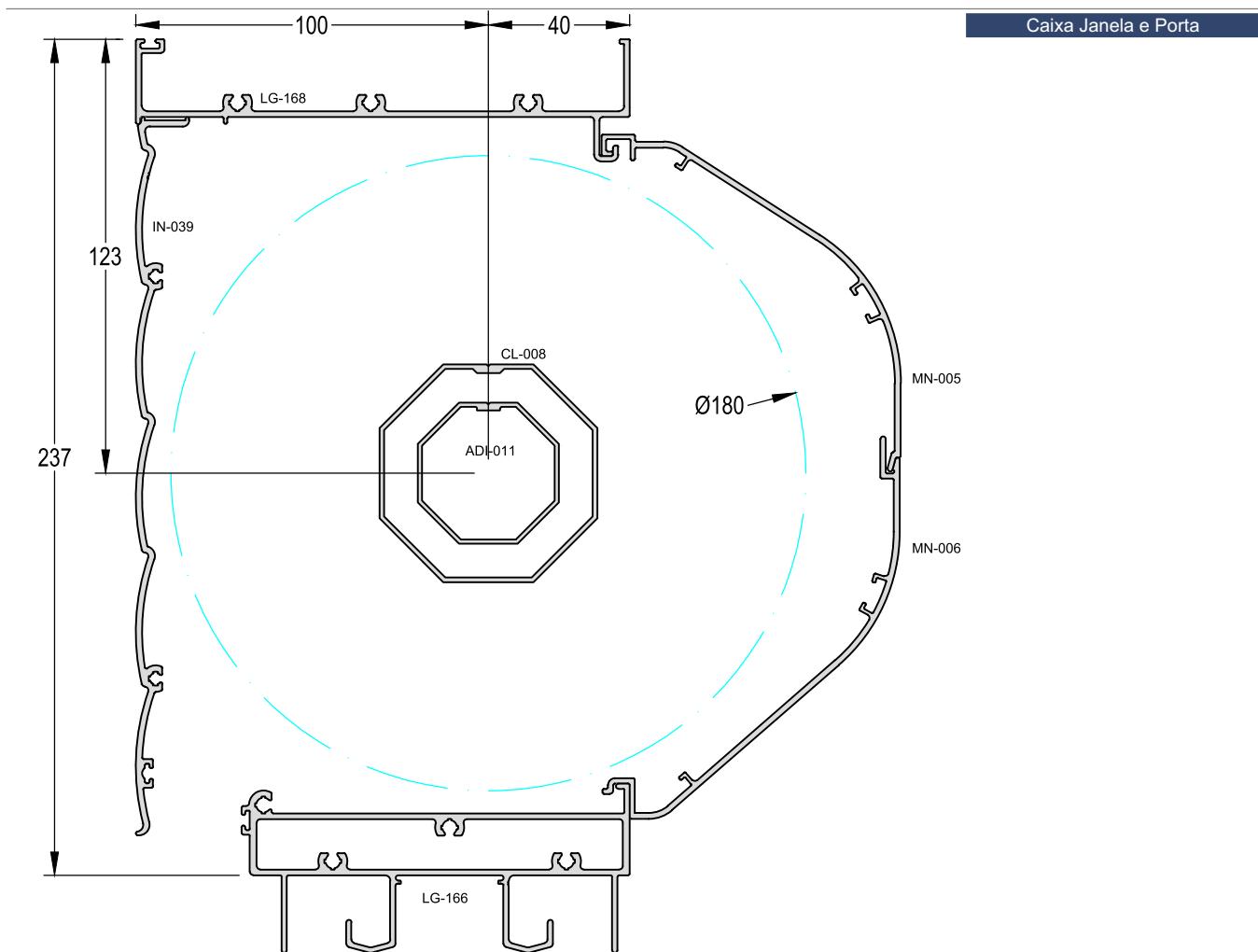


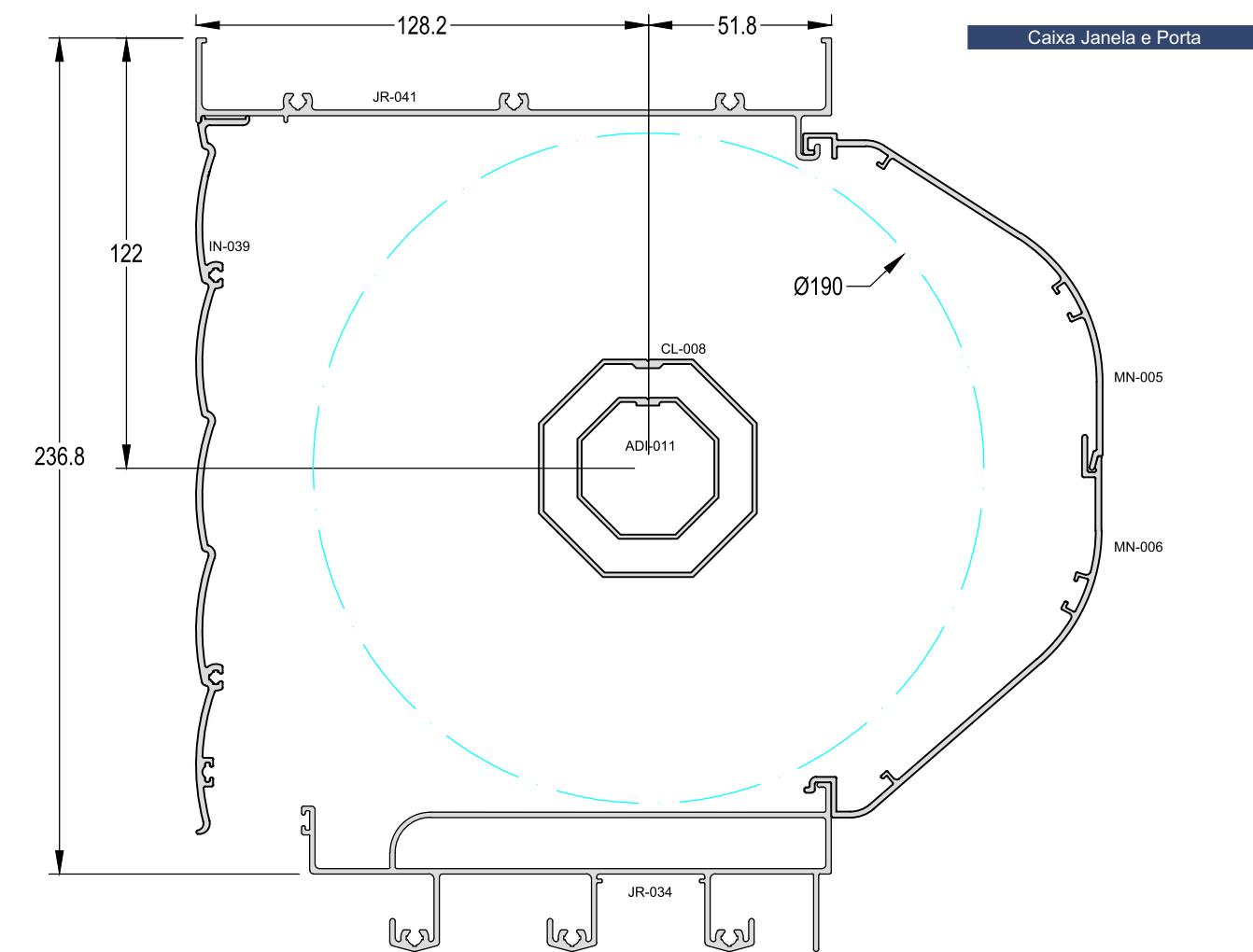
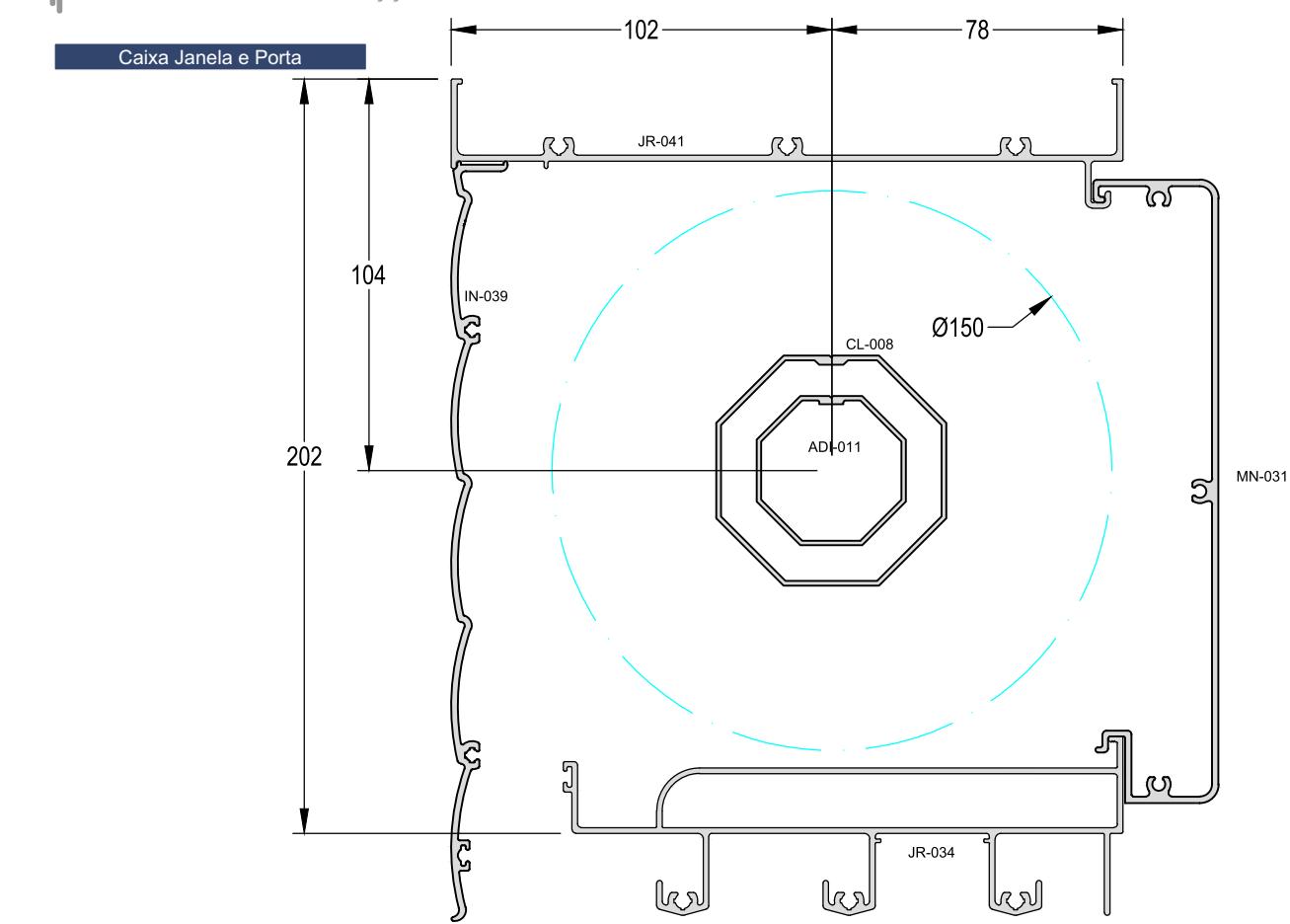
Detalhe De Aplicação	Espessura Do Vidro (mm)	Compensador / Baguete	Guarnição Interna	Guarnição Externa
 <b>Folhas Horizontais</b>	4mm	LS-051	GUA-259	GUA-157
	5mm	LS-051	GUA-259	GUA-157
	6mm	LS-051	GUA-259	GUA-157
	8mm	LS-051	GUA-259	GUA-258
	10mm	LS-051	GUA-259	GUA-171
 <b>Folhas Verticais</b>	4mm	LS-050	GUA-259	GUA-157
	5mm	LS-050	GUA-259	GUA-157
	6mm	LS-050	GUA-256	GUA-157
	8mm	LS-050	GUA-259	GUA-258
	10mm	LS-050	GUA-259	GUA-171
 <b>Folhas Maxim-Ar</b>	4mm	LS-059/ LG-164	GUA-259	GUA-304
	5mm	LS-059/ LG-164	GUA-259	GUA-306
	6mm	BG-057/ LG-026	GUA-256	GUA-304
	8mm	BG-057/ LG-026	GUA-259	GUA-304
	10mm	BG-057/ LG-026	GUA-259	GUA-306
 <b>Quadro Fixo</b>	4mm	LG-059/ LG-164	GUA-259	GUA-304
	5mm	LG-059/ LG-164	GUA-259	GUA-306
	6mm	BG-057/ LG-026	GUA-256	GUA-304
	8mm	BG-057/ LG-026	GUA-259	GUA-304
	10mm	BG-057/ LG-026	GUA-259	GUA-306

Caixa Janela e Porta



Caixa Janela e Porta

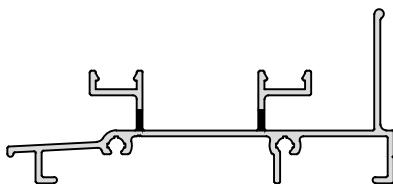




# ÍNDICE DE USINAGENS

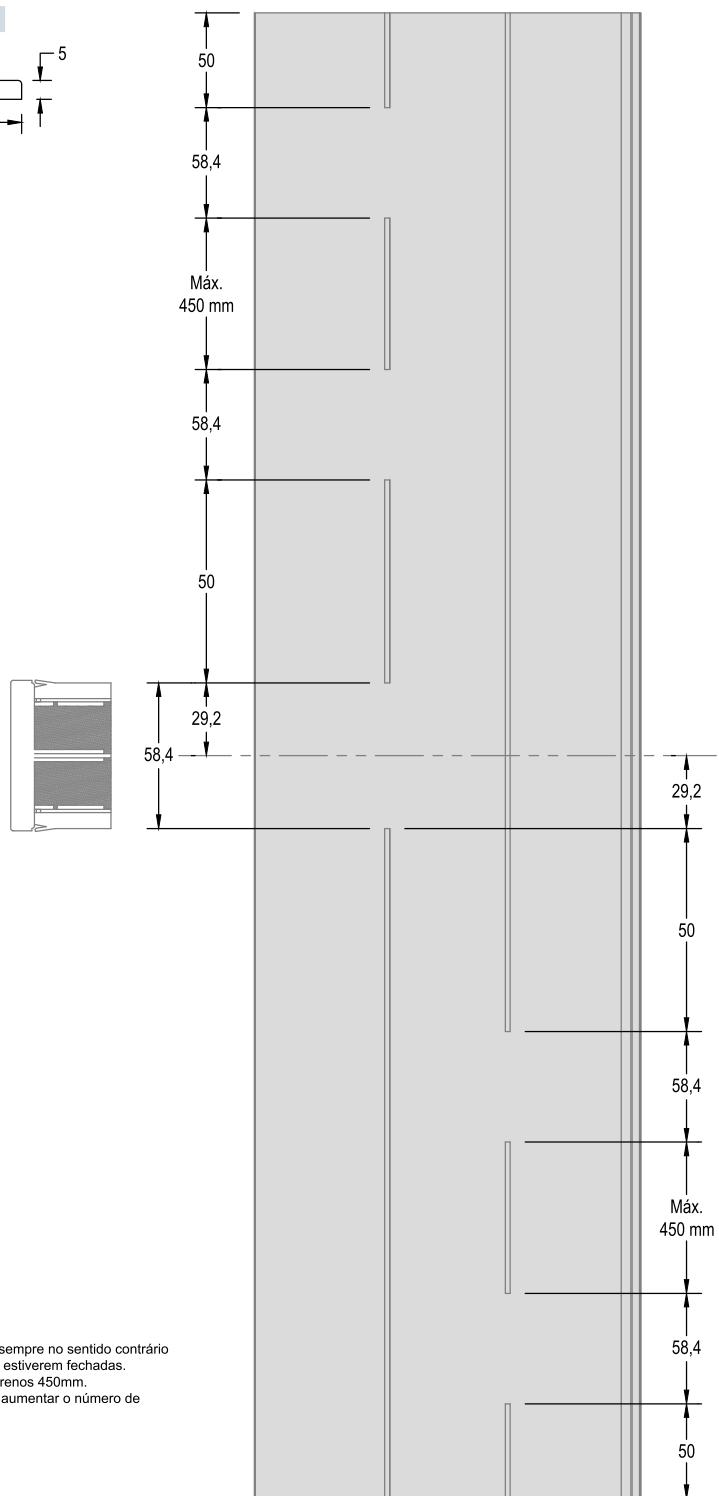
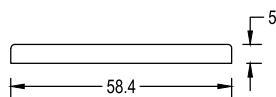
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JR-041	Furação Para Fixação da Tampa Externa	86
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LG-116	Rasgos De Dreno	80
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LG-160	Rasgos De Dreno	80
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LG-172	Rasgos De Dreno	79
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LG-316	Rasgos De Dreno	80
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LS-010	Furações e Desabe Mata Junta	88
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LS-032	Desabe De Guia e Furação	91
LS-040	Desabe De Guia e Furação	92
LS-041	Desabe De Guia e Furação	93
LS-042	Desabe De Guia e Furação	94
LS-043	Desabe De Guia e Furação	92
LS-052	Furações e Desabe Mata Junta	88
MN-050	Desabes Marco	84

## Rasgos De Dreno



Perfis
LG-024
LG-315
LG-159
LG-359
LG-117
LG-172
LG-372

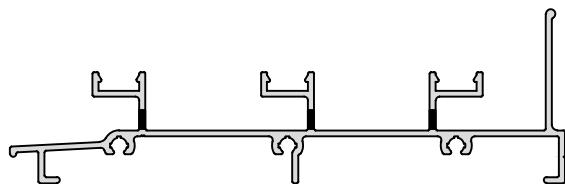
## Detalhe De Usinagem



## Observações:

- \* Os drenos devem ser feitos sempre no sentido contrário da folha quando as mesmas estiverem fechadas.
- \* Distância máxima entre os drenos 450mm.
- \* Para vãos maiores, deve-se aumentar o número de drenos.

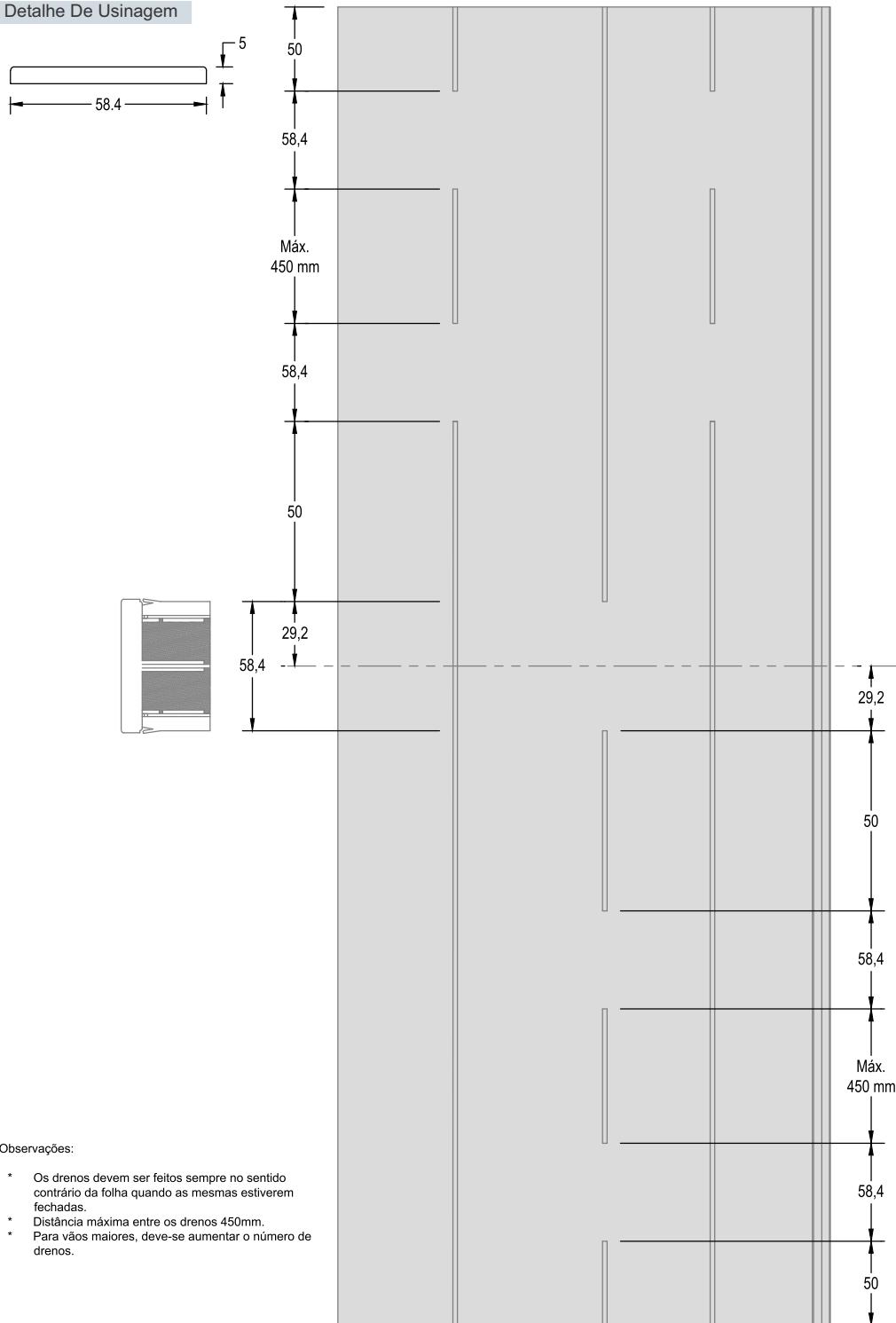
## Rasgos De Dreno



## Perfis

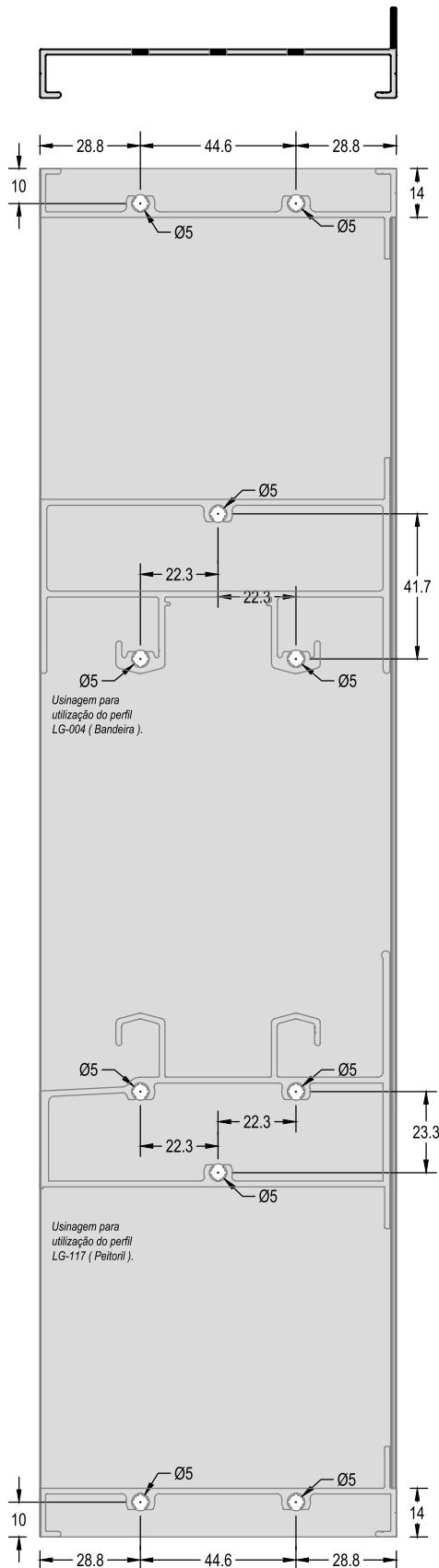
- LG-116
- LG-316
- JR-007
- LG-160
- LG-360

## Detalhe De Usinagem



## Observações:

- \* Os drenos devem ser feitos sempre no sentido contrário da folha quando as mesmas estiverem fechadas.
- \* Distância máxima entre os drenos 450mm.
- \* Para vãos maiores, deve-se aumentar o número de drenos.

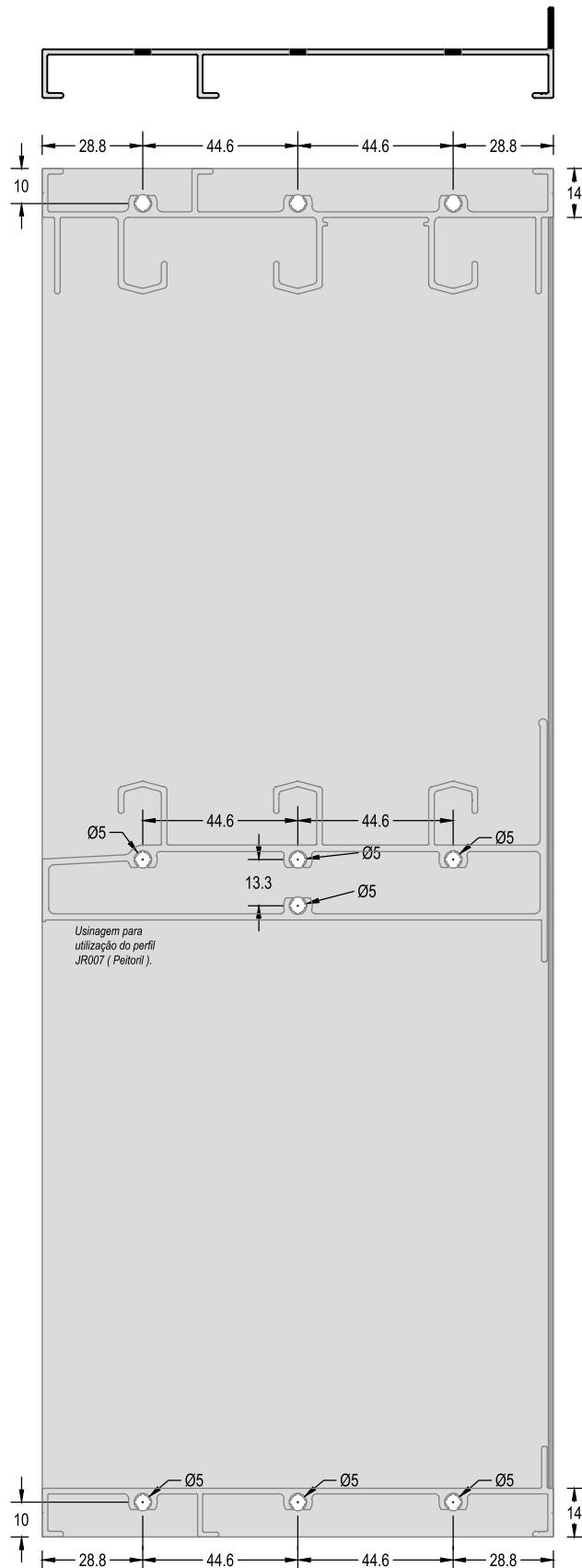


Usinagem para utilização do perfil LG-117 (Peitoril).

## Furações e Desabes

## Perfis

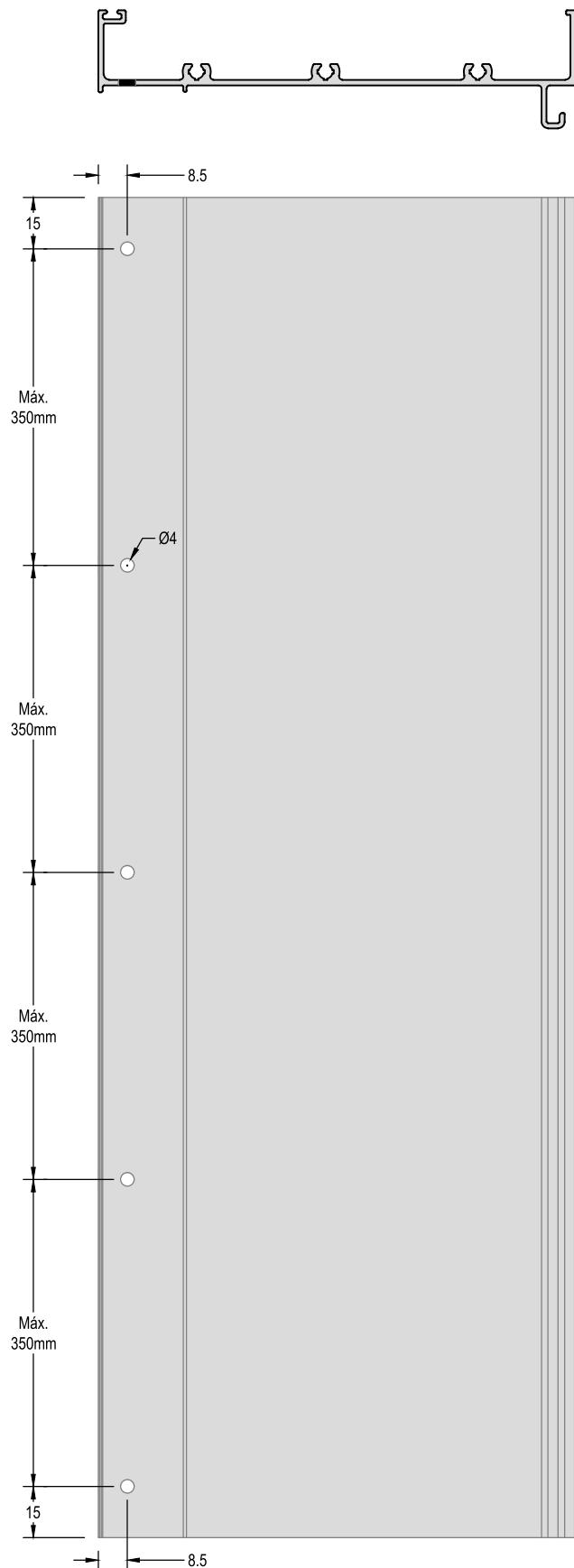
LG-158



Furação Tampa Externa

Perfis

LG-168

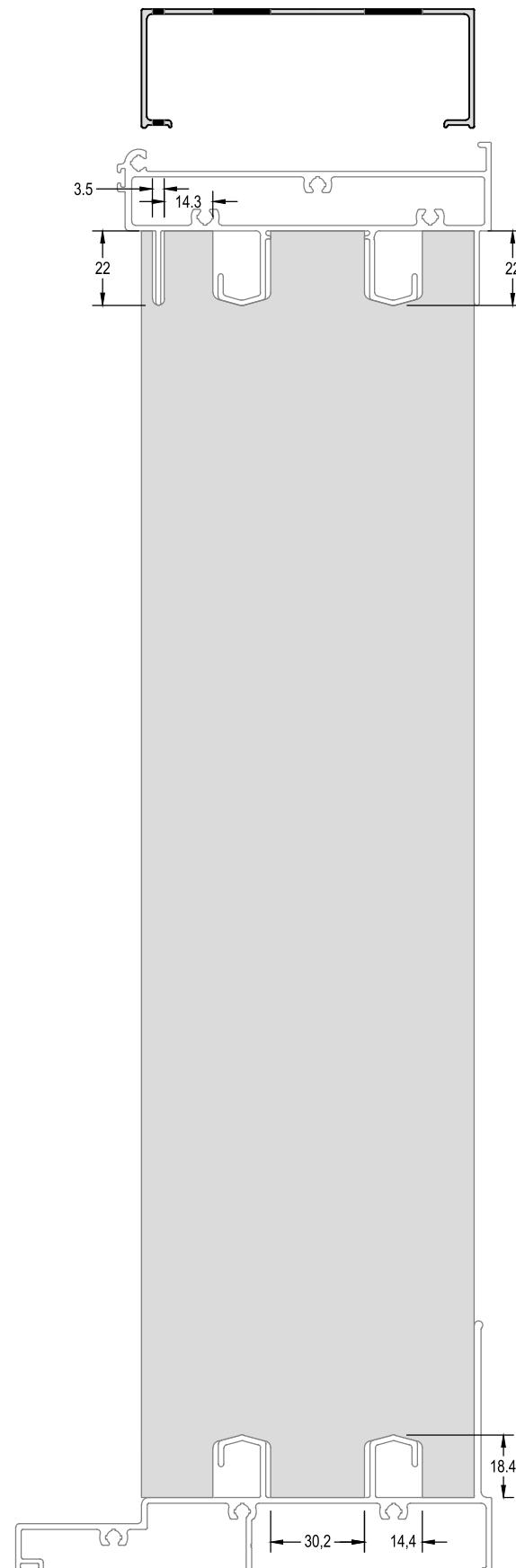


SISTEMA DE ESQUADRAS JURERÊ 32S

Desabes Marco

Perfis

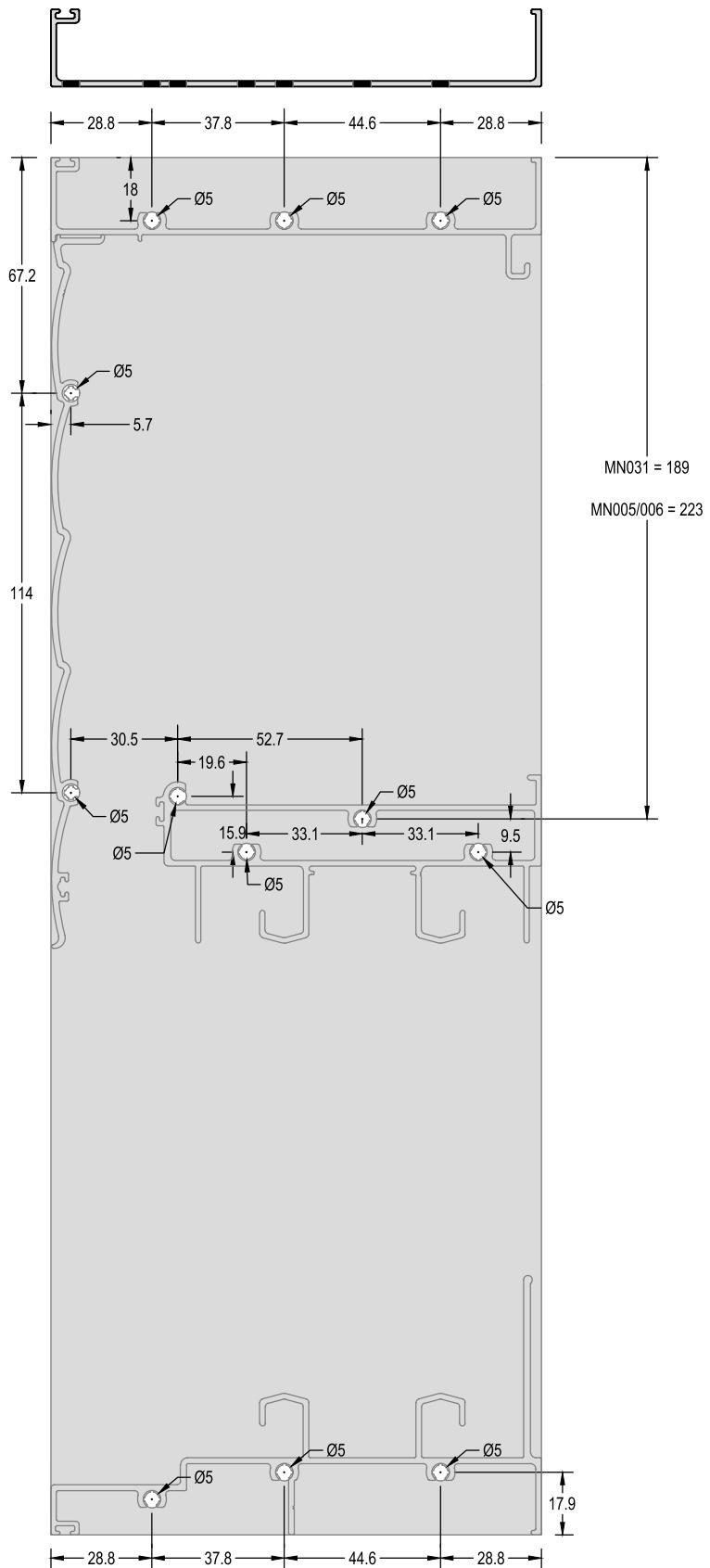
MN-050



Furações Marco Lateral

Perfis

LG-170

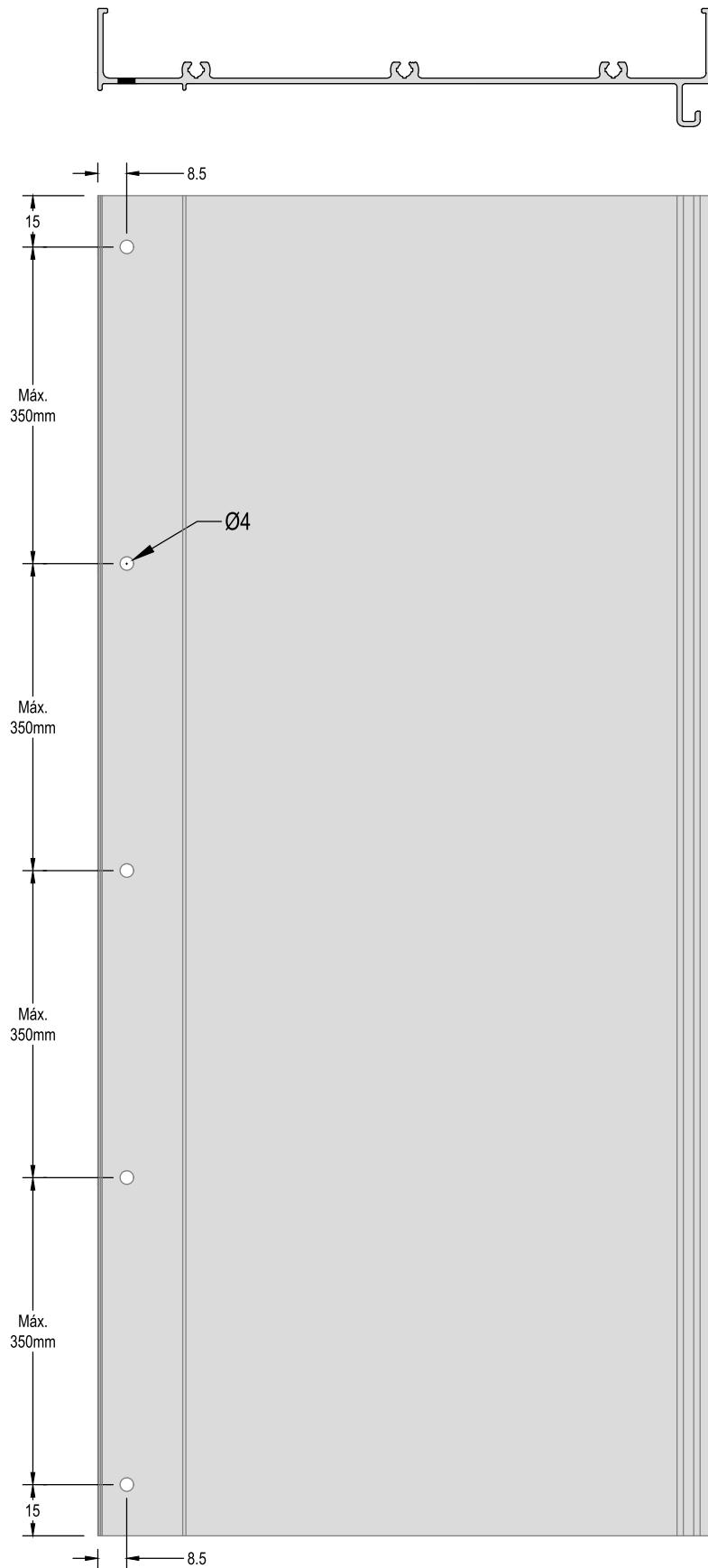


SISTEMA DE ESQUADRAS JURERÊ 32S

Furação Para Fixação da Tampa Externa

Perfis

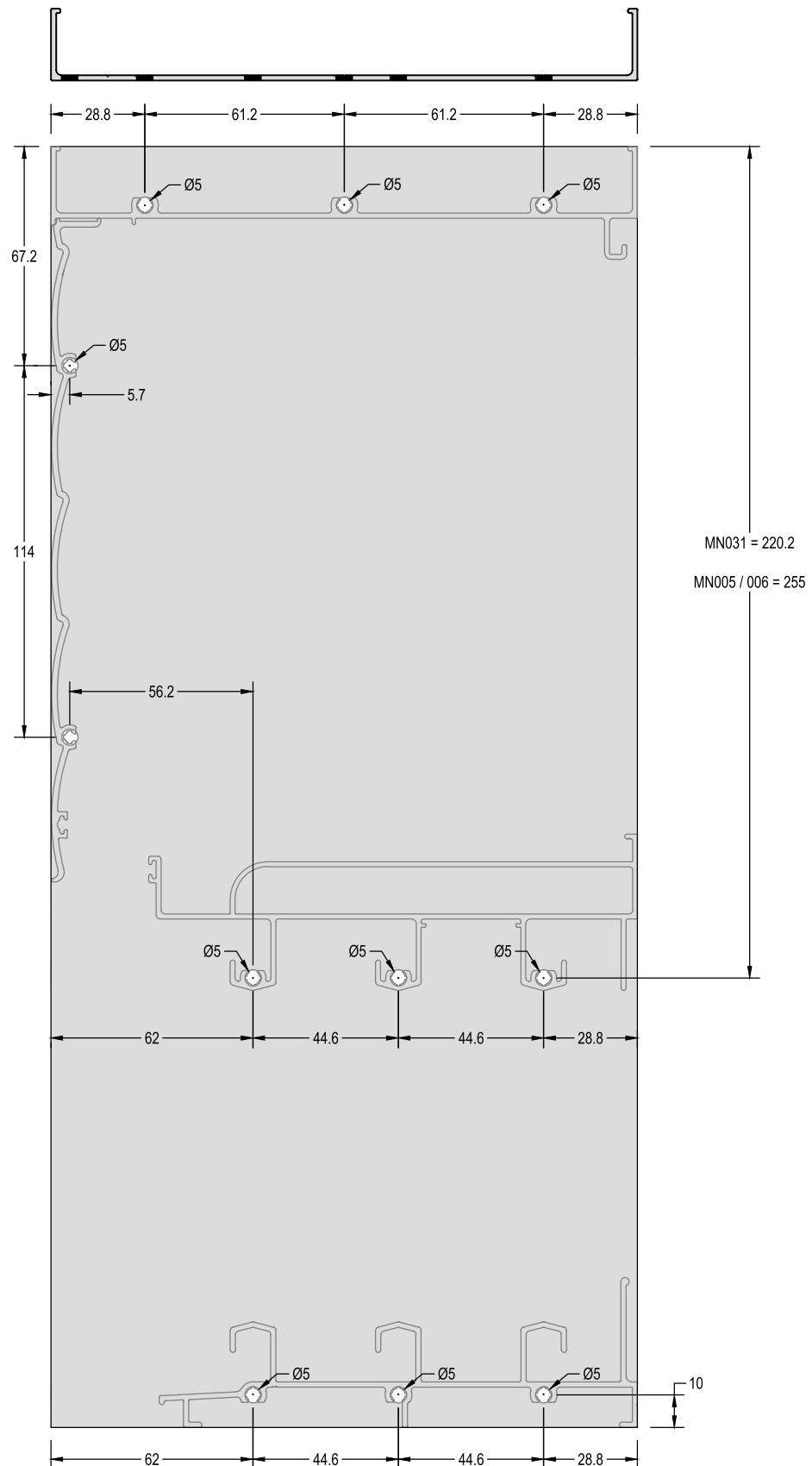
JR-041



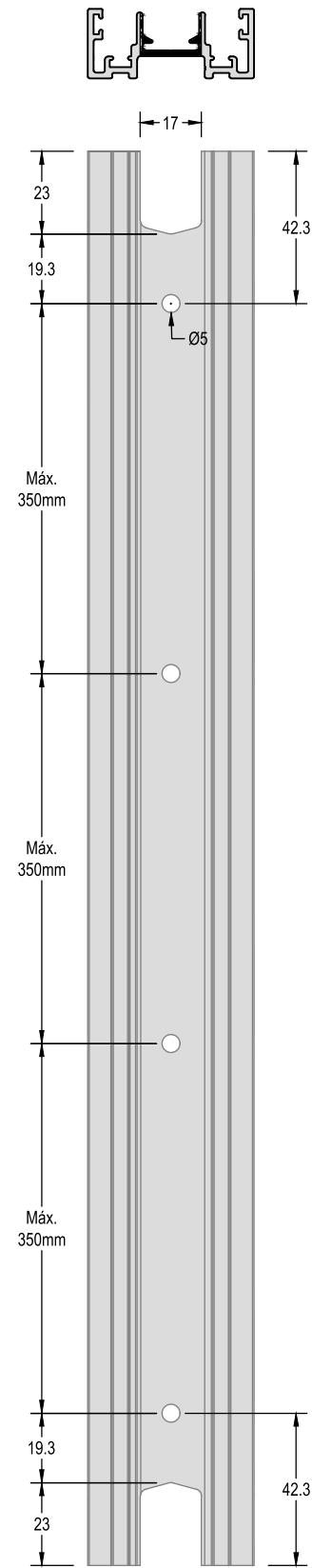
## Furação Marco Lateral Int.

## Perfis

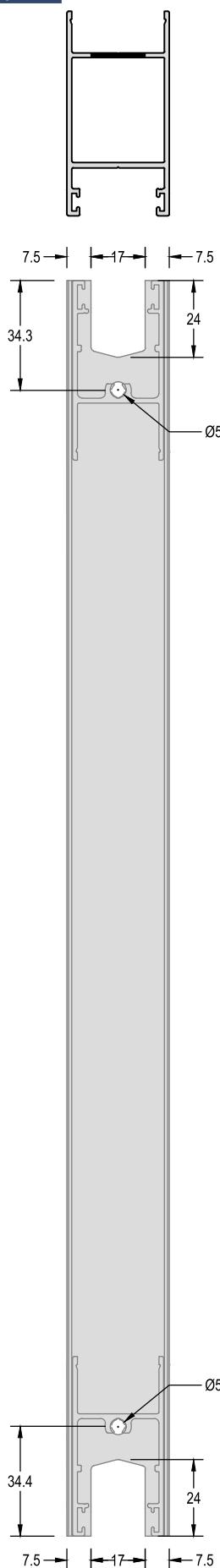
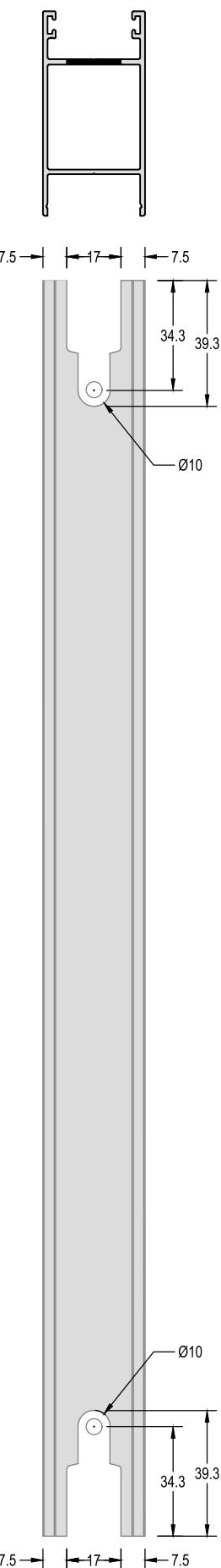
JR-035



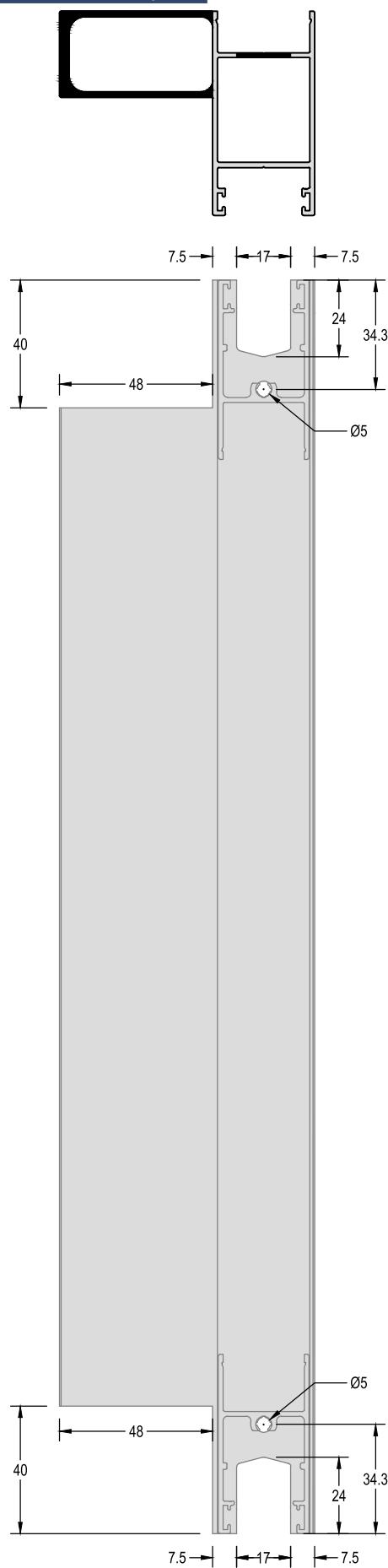
Furações e Desabe Mata Junta

Perfis  
LS-010  
LS-052


Desabe De Guia e Furação

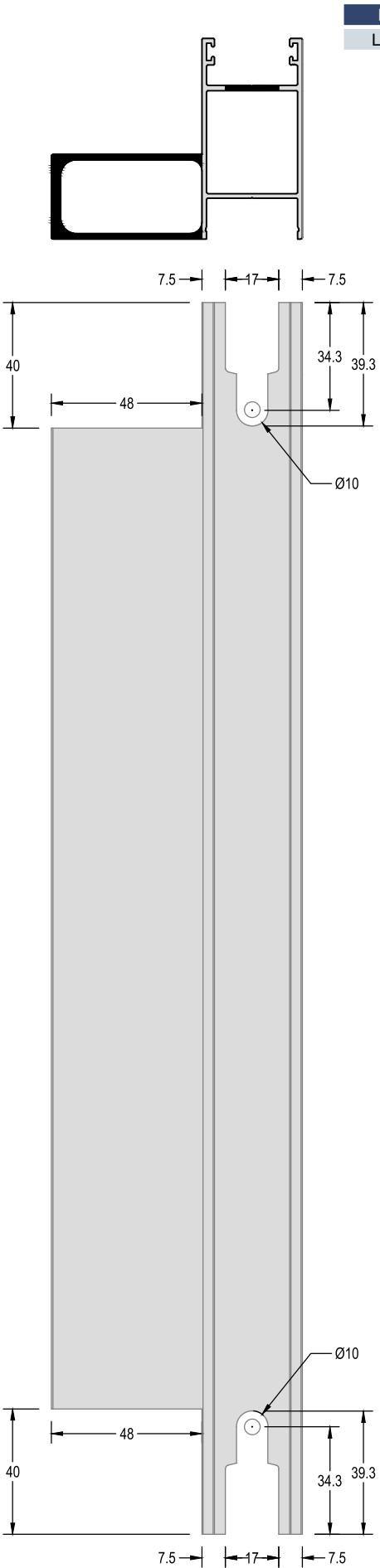

Perfis  
LS-030


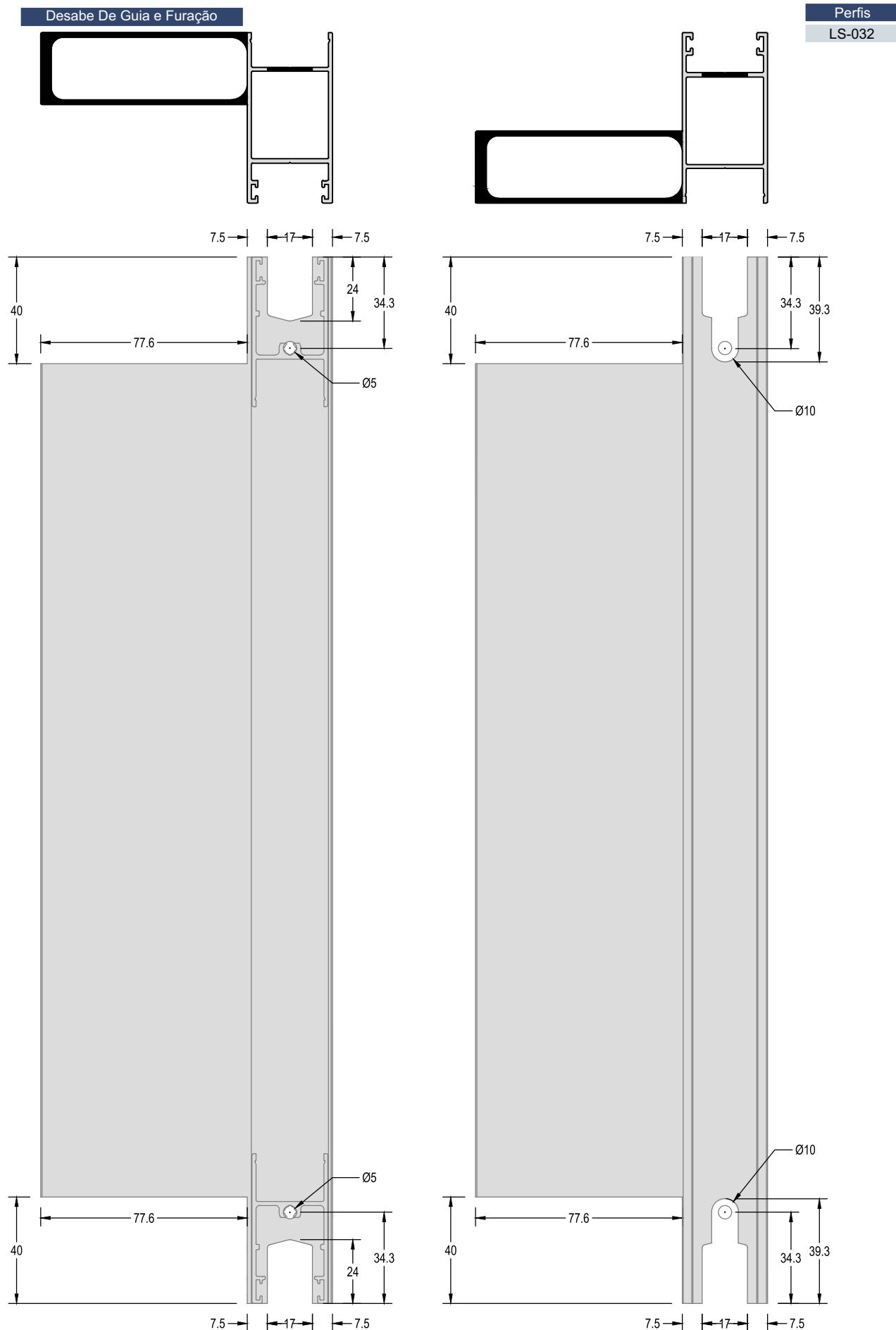
Desabe De Guia e Furação



Perfis

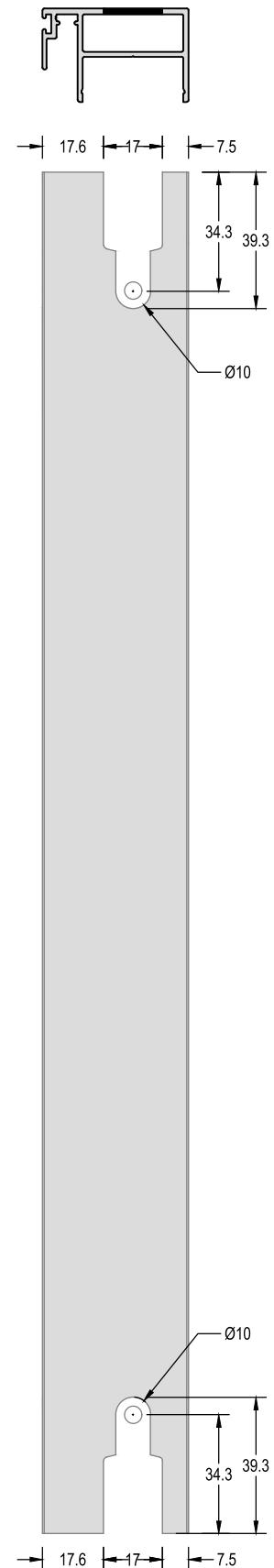
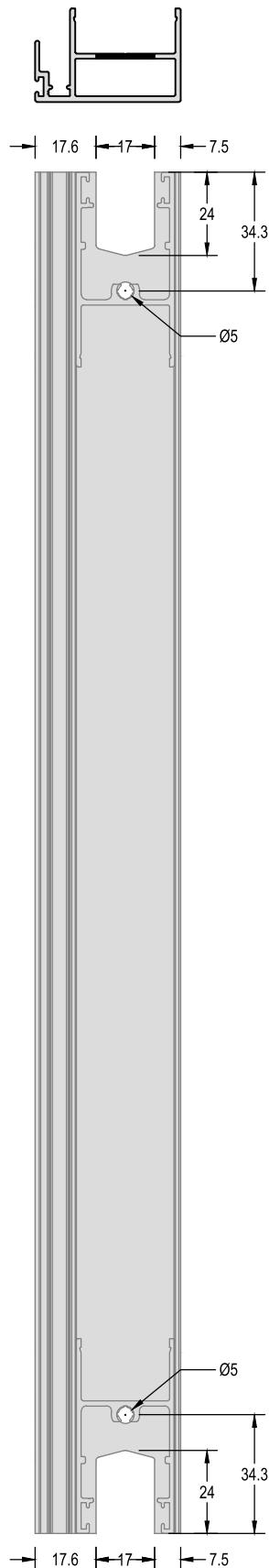
LS-031





## Desabe De Guia e Furação

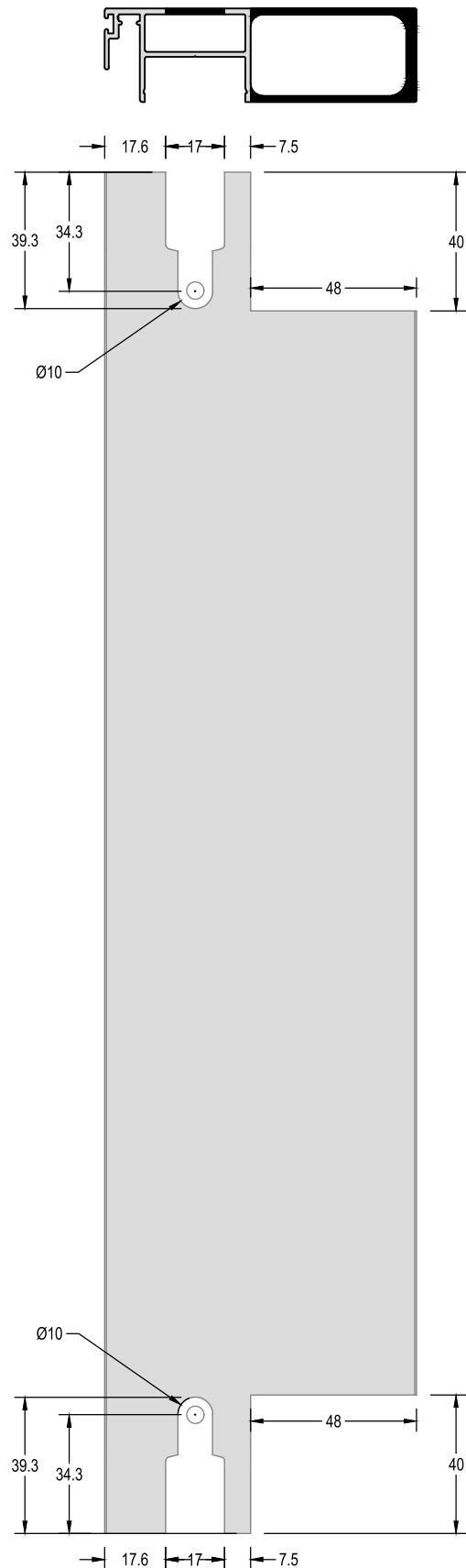
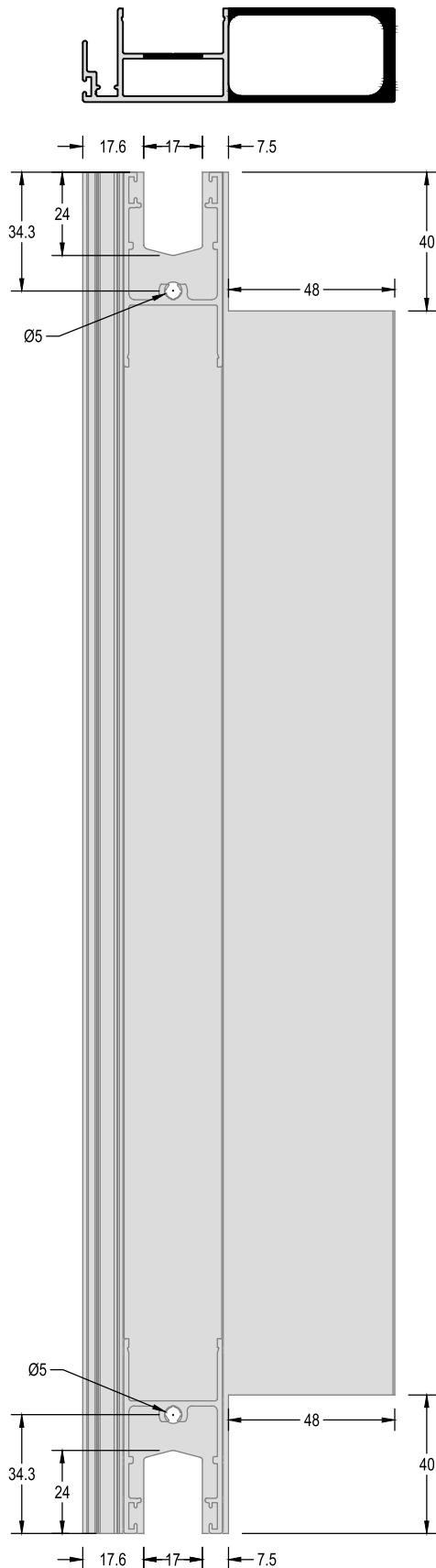
Perfis  
 LS-040  
 LS-043



## Desabe De Guia e Furação

Perfis

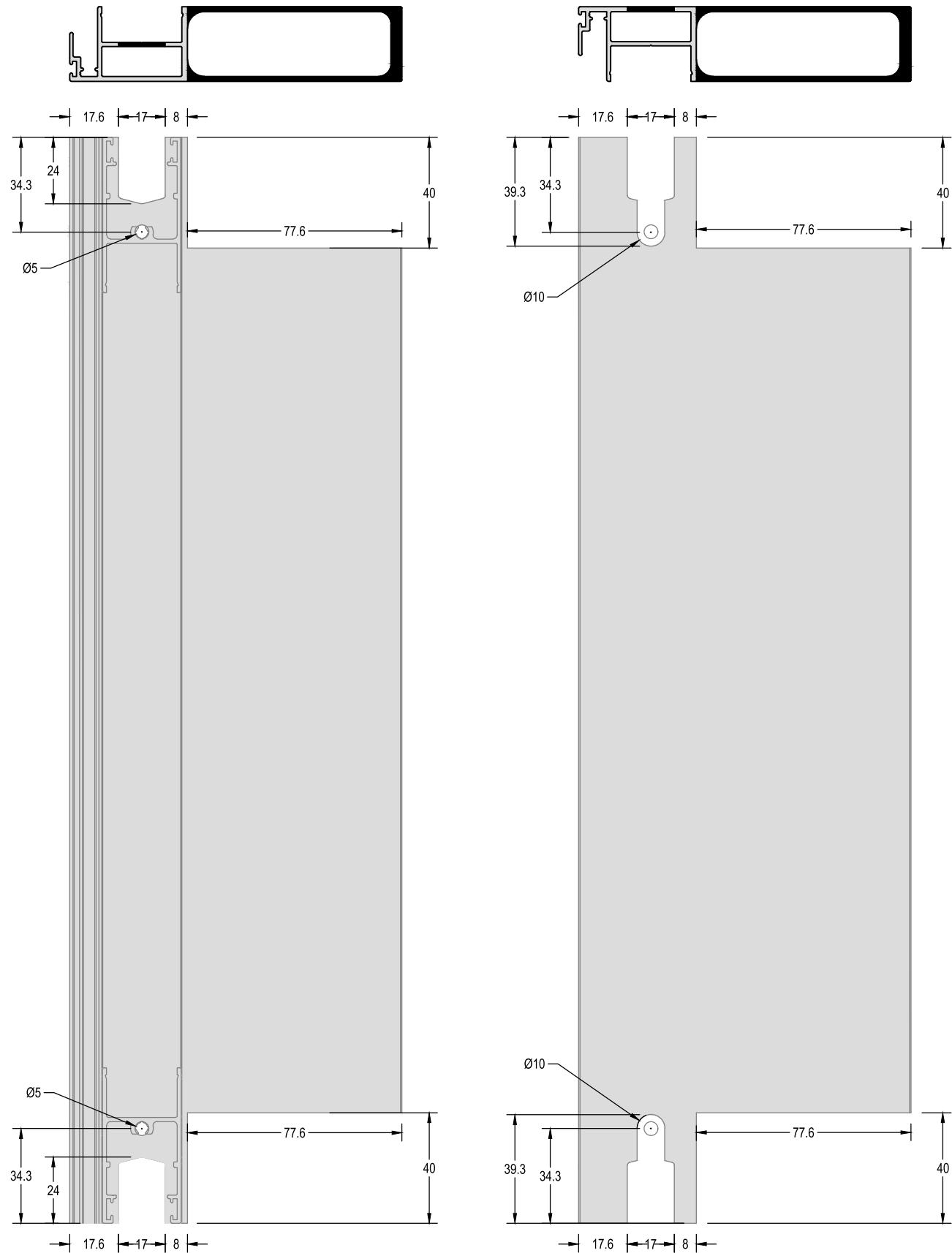
LS-041



## Desabe De Guia e Furação

Perfis

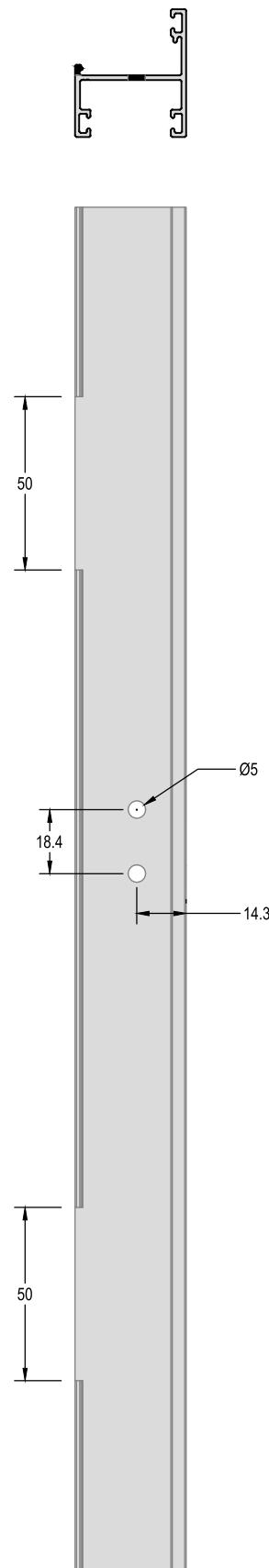
LS-042



Recorte e Furação

Perfis

LG-068



## Observações:

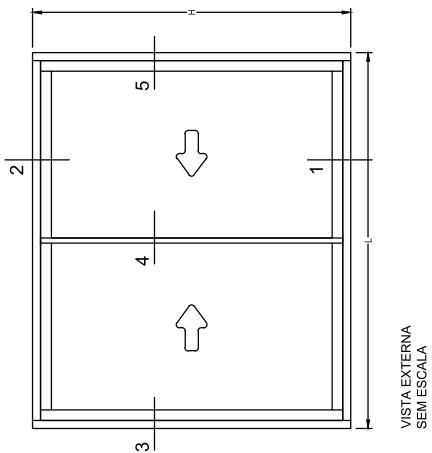
- \* Usinagem de 50mm x 3mm somente no marco inferior

# ÍNDICE DETALHES CONSTRUTIVOS

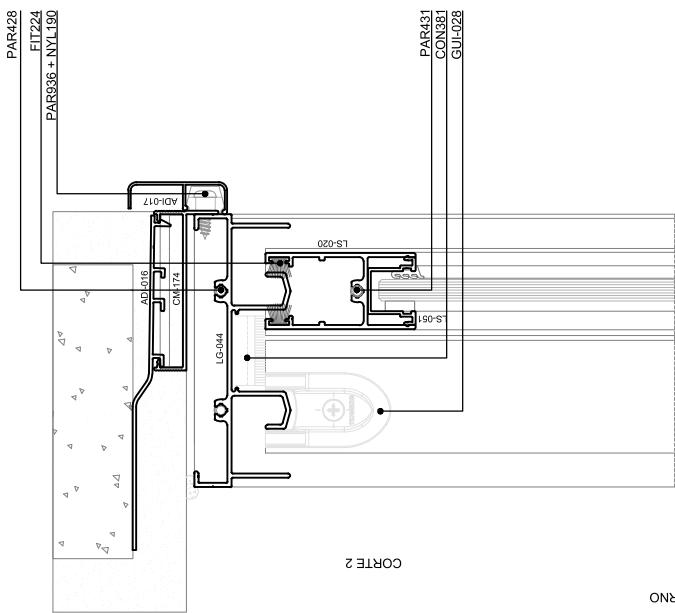
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Porta de Correr 02 Folhas 90°	100
Porta de Correr 03 Folhas	101
Porta de Correr 03 Folhas com Tela Mosquiteira	102
Porta de Correr 04 Folhas Fechamento Central	99

Janela De Correr 02 Folhas

- 01** - Todo encontro entre perfis devem ser vedados com silicone neutro.
- 02** - Componentes conforme mapa de componentes descrito nesse catálogo.

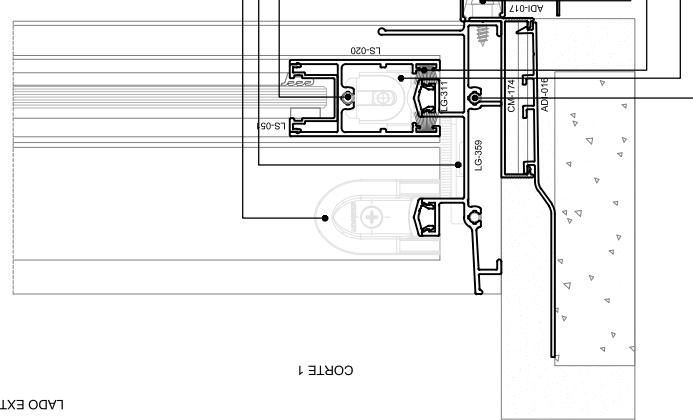


LISTA EXTERNA  
SEM ESCALA

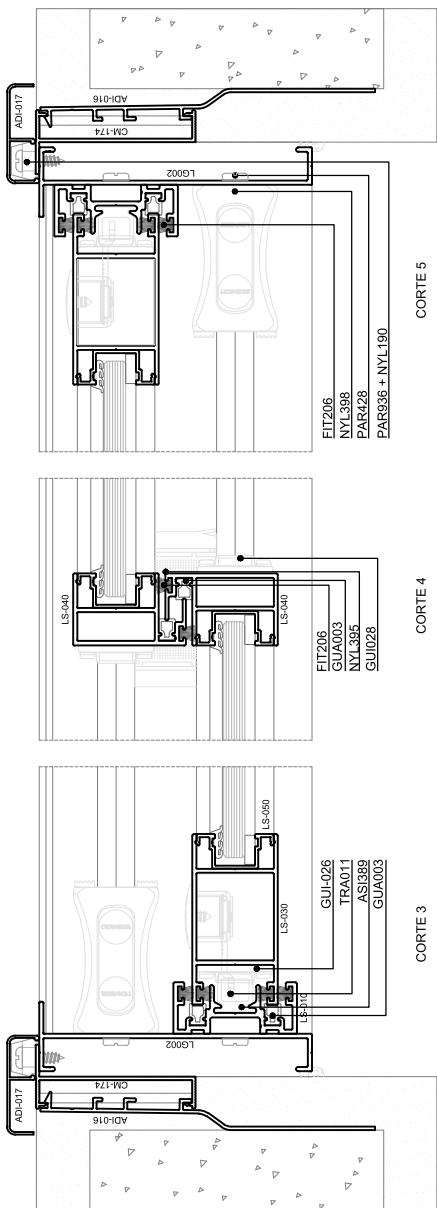


CORTE 2

LADO EXTERNO



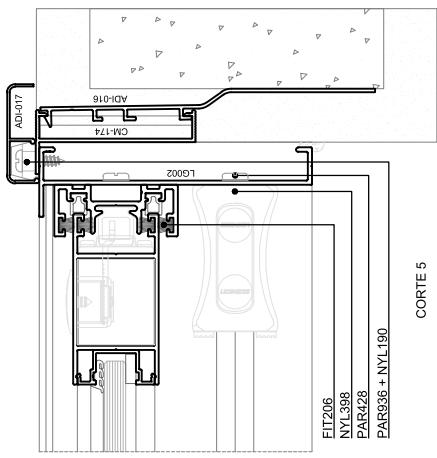
CORTÉ 1



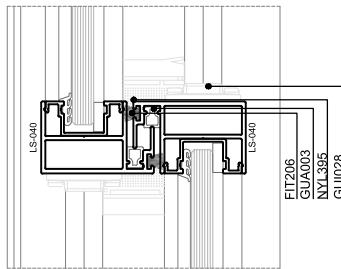
NOTE 3

COBTE 1

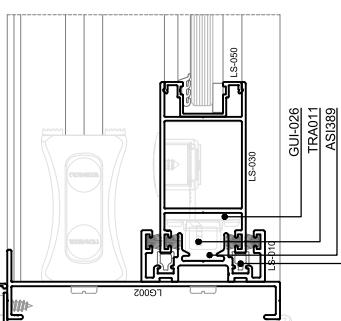
CONTENTS



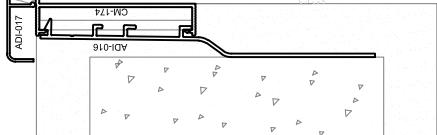
OBTE 4



CONTENTS



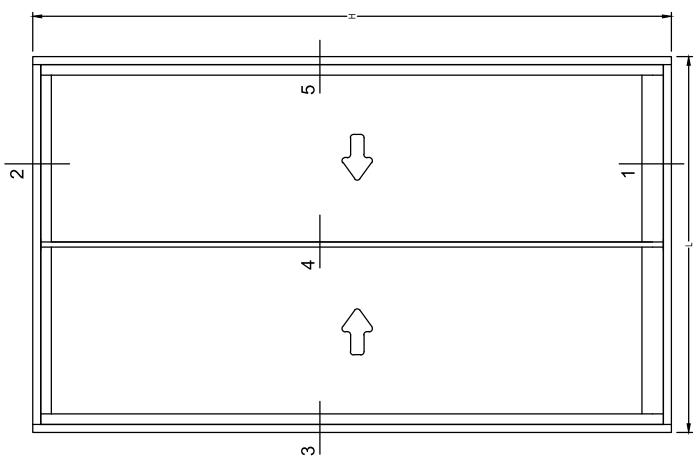
NOTE 3



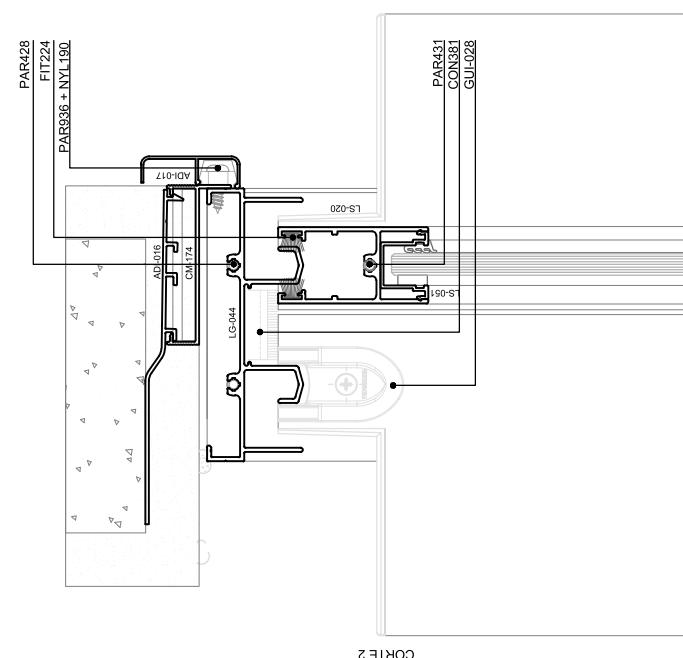
PAR936 + NYL190  
FIT224  
ROLDANAS CFE PESO  
DA FOLHA  
PAR4428

Porta de Correr 2 Folhas

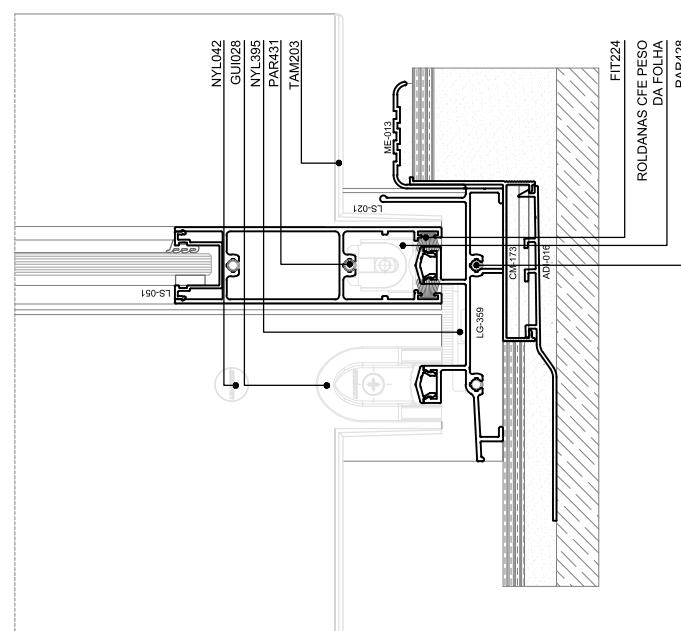
- 01 - Todo encontro entre perfis devem ser vedados com silicone neutro.
- 02 - Componentes conforme mapa de componentes descrito nesse catálogo.



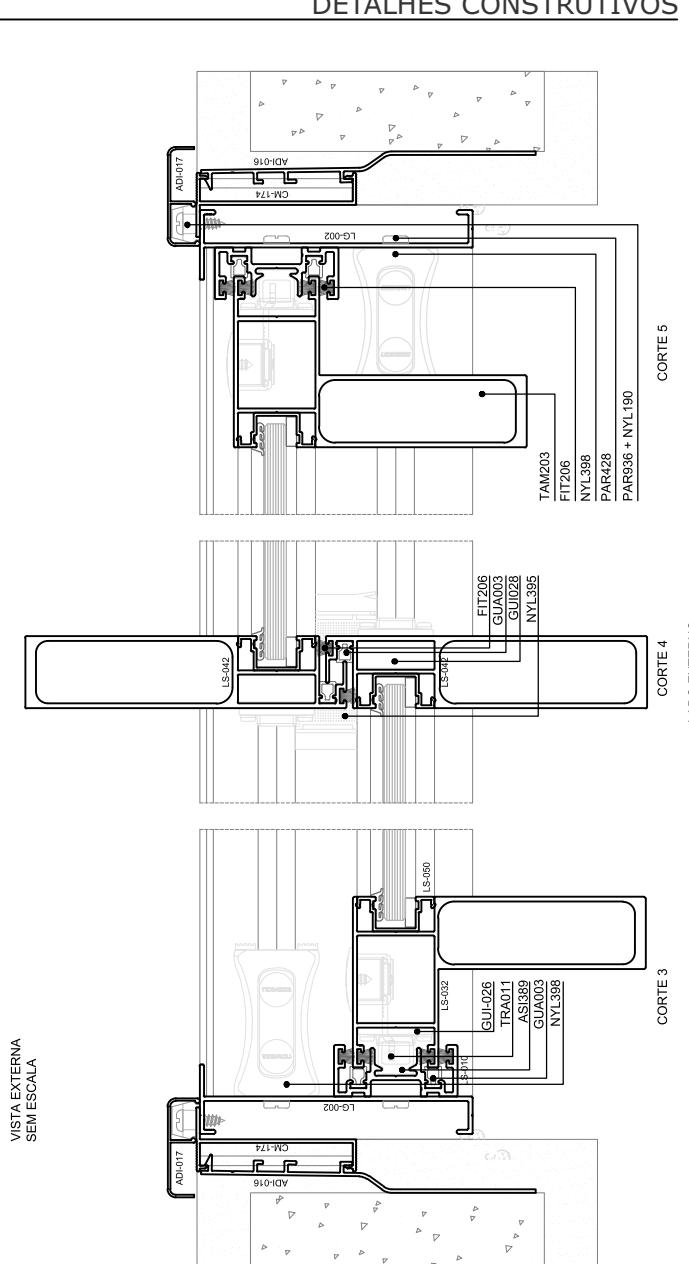
LISTA EXTERNA  
EM ESCALA



2021E2



GOOGLE



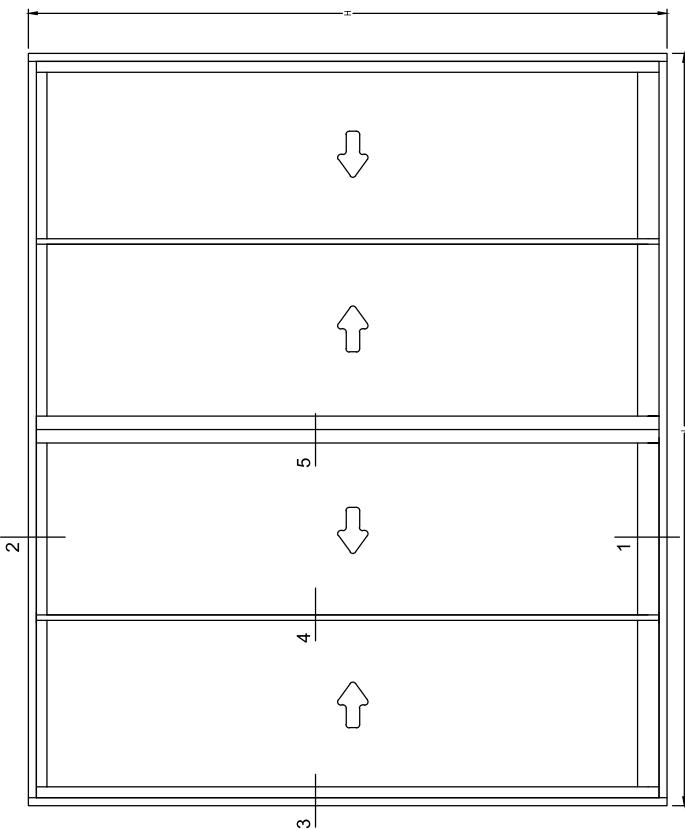
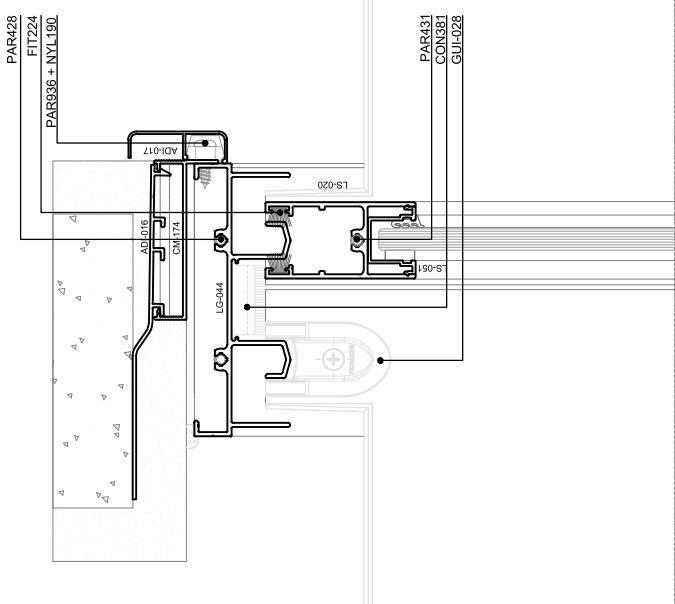
CORTE 5

CORTE 4

CORTÉ 3

**Porta de Correr 4 Folhas**  
**Fechamento Central**

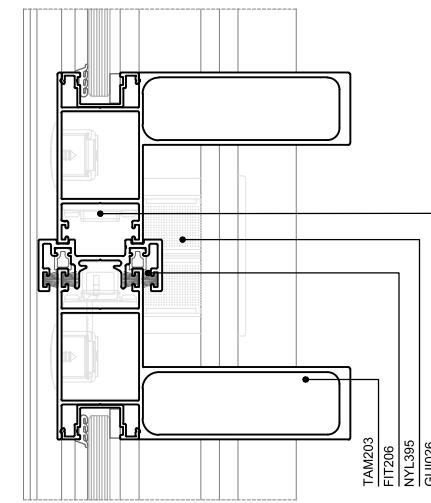
- 01** - Todo encontro entre perfis devem ser vedados com silicone neutro.
- 02** - Componentes conforme mapa de componentes descrito nesse catálogo.


 VISTA EXTERNA  
 SEM ESCALA


CORTE 2

LADO EXTERNO

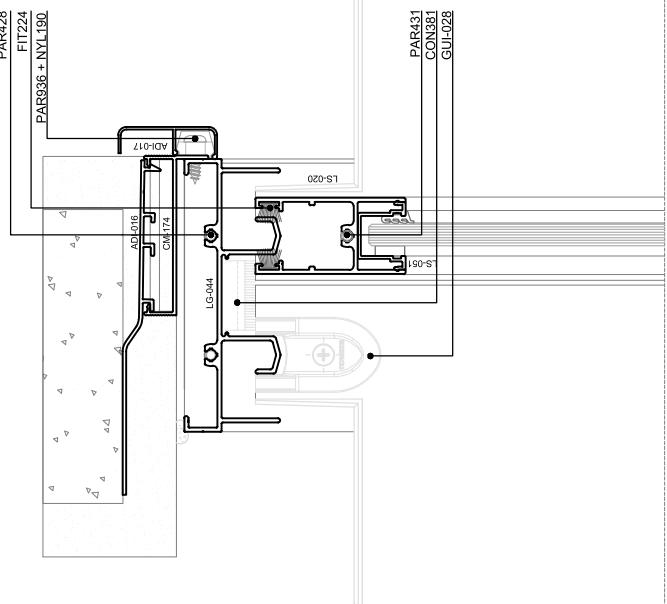
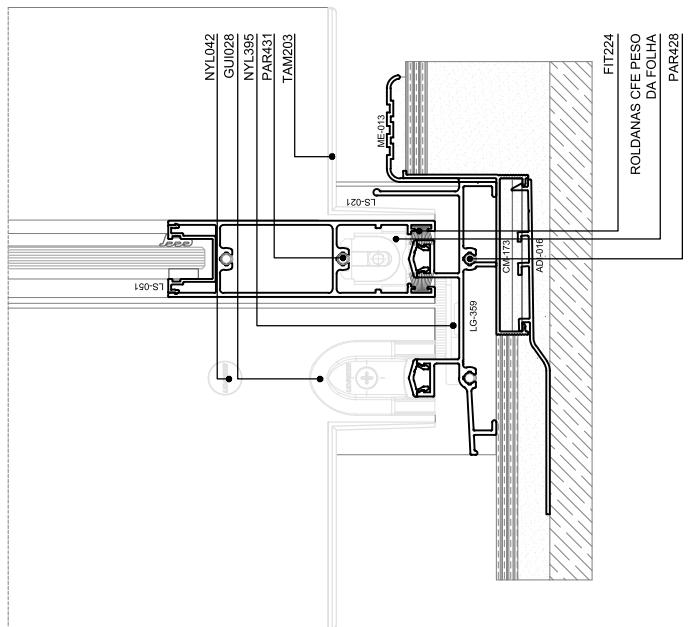
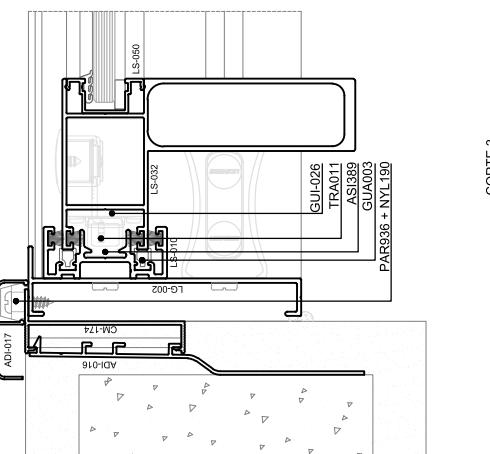
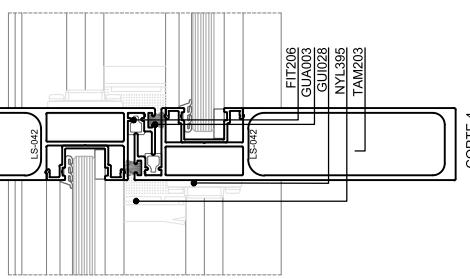
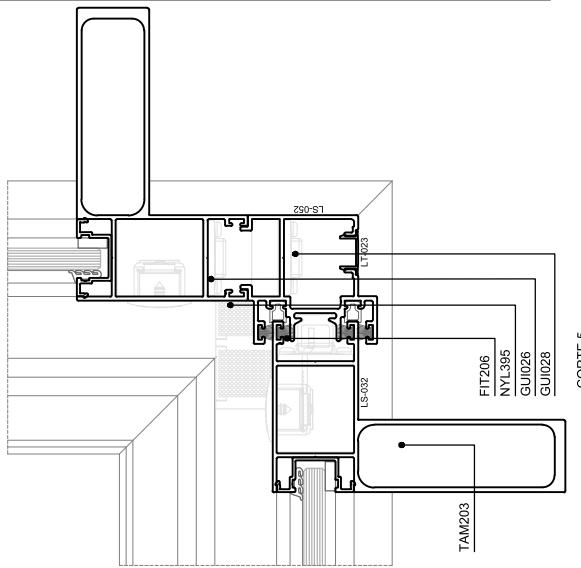
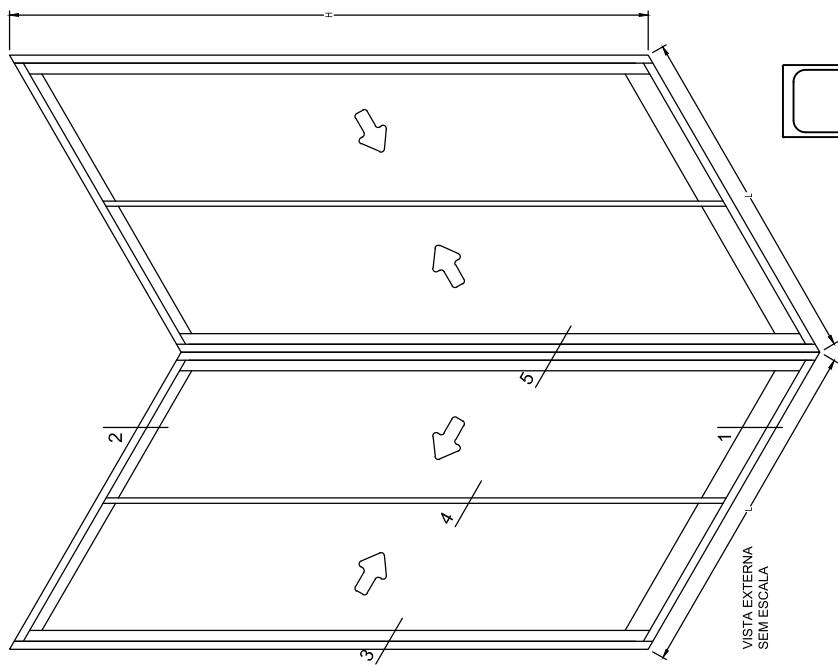
CORTE 1



Porta de Correr 2 Folhas 90°

**01** - Todo encontro entre perfis devem ser vedados com silicone neutro.

**02** - Componentes conforme mapa de componentes descrito nesse catálogo.



CORTE 2

## LADO EXTERNO

CORTE 1

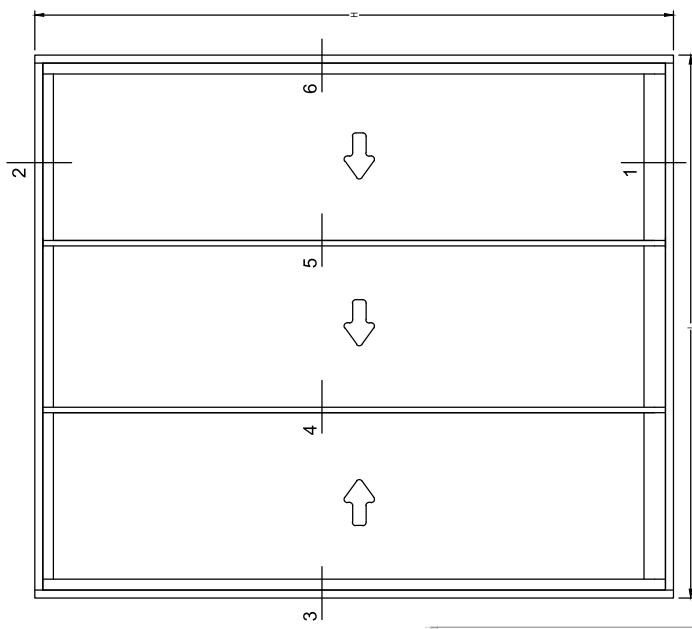
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Todos os itens do catálogo estão sujeitos a alteração sem prévio aviso

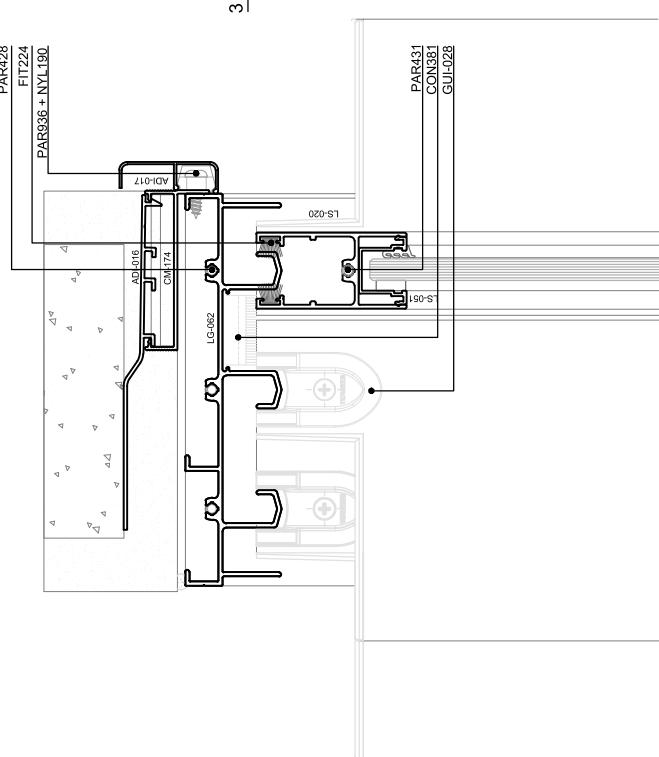
Porta de Correr 3 Folhas

**01** - Todo encontro entre perfis devem ser vedados com silicone neutro.

**02** - Componentes conforme mapa de componentes descrito nesse catálogo.



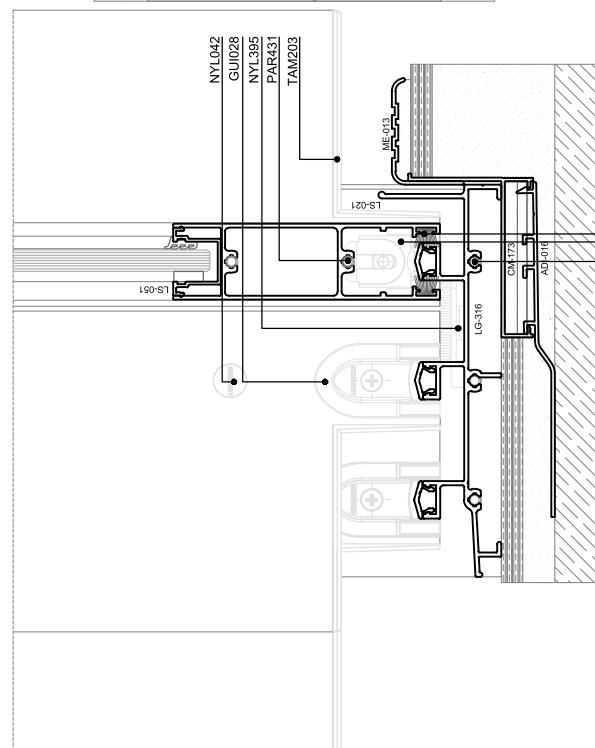
VISTA EXTERNA  
SEM ESCALA



CORTE 2

LADO EXTERNO

CORTE 1

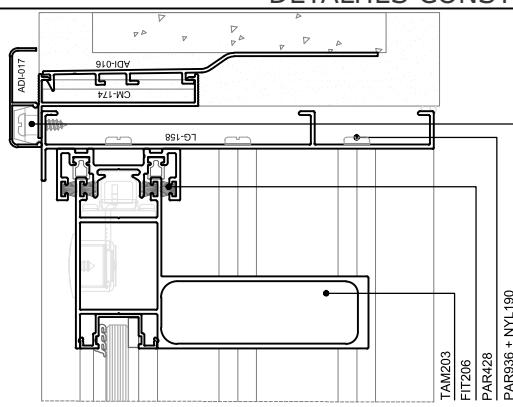


**ROLDANAS CFE PESO  
DA FOLHA**

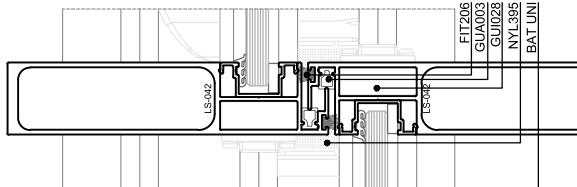
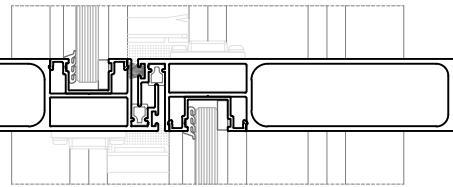
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OBITE 4

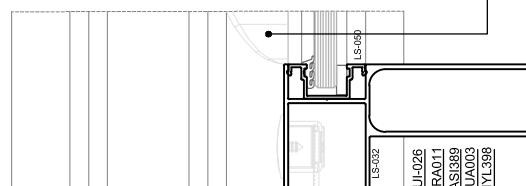
CORTE 6



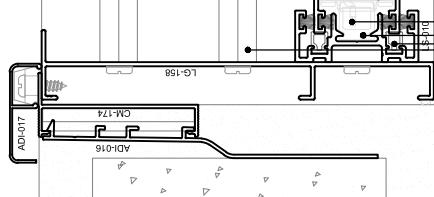
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FIT206  
PAR428  
PAB936 + NYL190



11200  
GUA003  
GUI028  
NYL395  
BAI IN



UJ-026  
RA011  
AS1389  
UA003

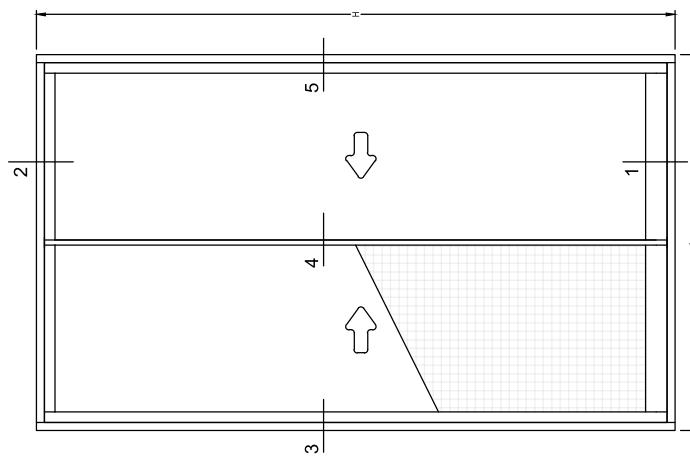


100

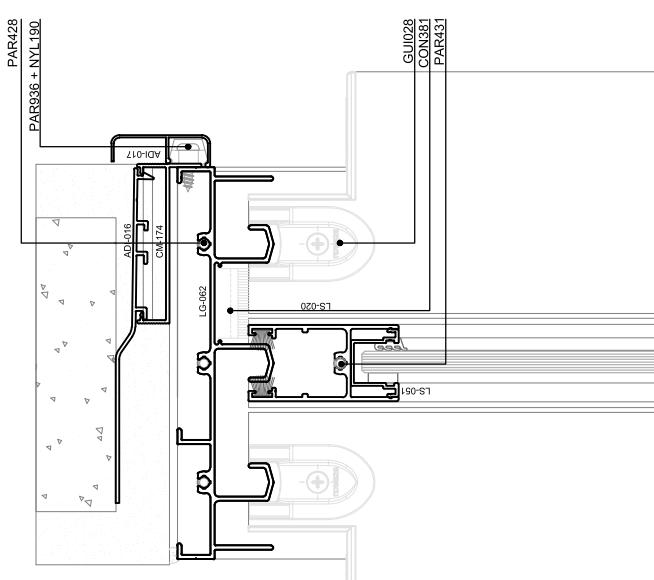


### Porta de Correr 3 Folhas Com Tela Mosquiteira

- 01** - Todo encontro entre perfis devem ser vedados com silicone neutro.
- 02** - Componentes conforme mapa de componentes descrito nesse catálogo.



VISTA EXTERNA  
SEM ESCALA

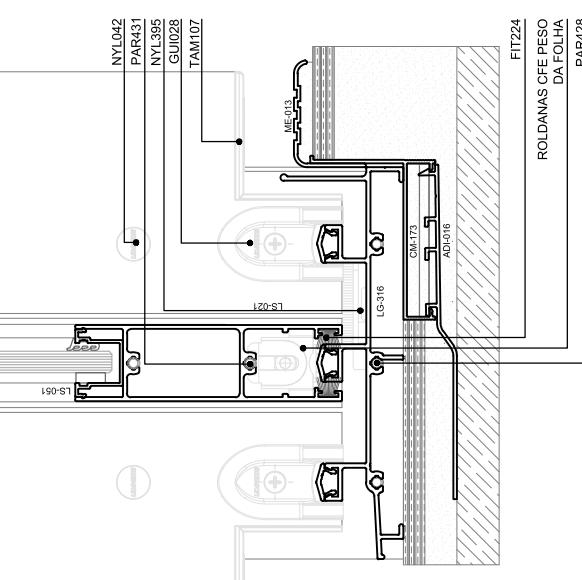


CORTE 2

LADO EXTERNO

CORTE 1

LADO EXTERNO



-102-





**Administração**  
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Tubarão - SC - 88701-010

**Indústria**  
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Termas da Guarda - Margem Direita  
Tubarão - SC - 88702-803